

Dr. John Waterbury  
President  
American University of Beirut  
Beirut, Lebanon

Oct. 11, 2004

Dear Mr. President,

Please find enclosed the Annual Report of the Faculty of Arts & Sciences for the academic year 2002 – 2003. This report was written by the chairpersons and/or directors of the academic units and of the standing committees of the Faculty of Arts & Sciences, and edited in the Arts & Sciences Dean's Office.

Sincerely yours,

K.M. Bitar  
Dean of the Faculty

ANNUAL REPORT  
OF THE  
FACULTY OF ARTS & SCIENCES  
AMERICAN UNIVERSITY OF BEIRUT

ACADEMIC YEAR **2003-04**

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PART A

SUMMARY REPORT

OF THE

OFFICE OF THE DEAN

# **SUMMARY REPORT OF THE OFFICE OF THE DEAN**

This report covers the period from October 1, 2003 to February 3, 2004 for the Faculty of Arts and Sciences.

## **I. Student Admissions: 2003-2004**

A total of 733 applications for admission to the freshman class were received and 502 applicants were issued letters of acceptance for the first semester of 2003-2004, of whom 299 students registered. Applications for admission to the sophomore class totaled 1959. 1237 applicants (381 arts, 794 sciences and 62 with unspecified major choice) were issued letters of admission for the same period and 409 registered.

A total of 97 applications for admission to the freshman class for the second semester of 2003-2004 were received and 30 were issued letters of admission. A total of 258 applications for admission to the sophomore class were also received and 87 letters of admission to FAS were issued.

Early admission applications for the academic year 2004-2005 were also considered. 251 applications were received and 166 applicants were issued letters of early admission to undergraduate study (130 to the sophomore class in FAS and 36 to the Freshman class).

Applicants to the UPP (University Preparatory Program) totaled 33 in September 2003 of whom 19 were issued letters of admission and 12 registered. 7 applications were received in January 2004 of whom 3 have been issued letters of admission.

The graduate program saw an additional 164 students enrolled during the fall semester of 2003-2004. This is out of a total of 626 applications for graduate study that were received and 447 of which were issued letters of admission.

## **II. Faculty Recruitment: 2004-2005**

The process of recruitment of new faculty for the academic year 2004-2005 is well under way. To date over 395 applications have been received for all departments. Six offers, all at the Assistant Professor level, have been made to date following a recruitment trip to the US by the dean during the month of January. Three offers went to candidates in the department of Economics, one in the department of SBS, one in the department of English and one in the department of Geology. Candidates are still being considered for these and all other departments in FAS.

As usual interviews with other recruits will be scheduled for the week of the BOT meeting of March 2004 in New York.

### **III. Current Faculty Number: 2003-2004**

The total number of budgeted full-time Faculty positions for the academic year 2003-2004 is two hundred and nineteen (219). To date all lines have been used for faculty appointments. The Sheikh Zayed Chair of Islamic and Arabic Studies has been filled as of September 2002. This year the Whittlesey Chair has not been occupied as the candidate to whom an offer was made and accepted decided, for personal reasons, not to join AUB late in July 2003. Consideration of candidates to fill this chair for 2004-2005 and the Margaret Weyerhauser Jewett chair in Arabic, the Qatar Chair in Energy Studies and the Alfred Howell Chair in History will commence during the month of February 2004.

### **IV. Professors on Leave**

Three professors are on paid research leave during the current academic year. Six faculty members are on paid research leave during the first semester of 2003-2004 and six will be on similar leave during the second semester. These paid leaves are financed by a Hewlett Foundation grant. One faculty member has been on leave without pay during the first semester of 2003-2004 and another is on such leave for the full academic year.

### **V. Applications for Promotion**

Thirteen applications for promotion were received by the deadline of August 18, 2003. Of these applications, nine (9) are for promotion to the rank of Associate Professor and four (4) are for promotion to the rank of Full Professor. The process of securing letters of reference for all applicants have been mostly completed and files are being made available for departments to initiate the process of evaluation.

### **VI. General Remarks**

The committee that has been appointed to look into the establishment of a department of Fine Arts, has submitted a report that was considered by the FAS curriculum committee during Spring of 2002-2003. Pursuant to that, recommendations to modify the proposal were considered and the updated proposal is again currently under consideration by the FAS curriculum committee. It is hoped that a proposal would be presented to the BOT at its June 2004 meeting for consideration and approval.

The Faculty of Arts and Sciences is also preparing final proposals for the offering of Ph.D. programs in the departments of Biology, Physics (Theory), Arabic and History. It is also hoped that after approvals in various university committees such proposals would be presented to the BOT in its June 2004 meeting for consideration and approval.

As of October 1, 2003 the department of Computer Science has commenced operation independently of the department of Mathematics.

This report covers the period from February 3, 2004, to May 30, 2004 for the Faculty of Arts and Sciences.

**I. Second Semester 2003-2004**

The 2003-2004 Second semester Session is running as scheduled from February 12, through June 11, 2004. The teaching program involved 283 faculty members, 173 graduate assistants, and 2729 students enrolled in 492 different courses (equivalent to 928 courses and sections).

**II. Student Admissions: 2004-2005**

Early admission to the university has resulted this year in 130 applicants being admitted to the sophomore class and 39 to the freshman class in FAS.

777 applications for admission to the freshman class were received and 492 applicants were issued letters of acceptance to date for the first semester of 2004-2005 and 1295 of 2058 applicants for admission to the sophomore class were issued letters of admission. It is to be noted that many of these accepted applicants represent students applying to other Faculties at AUB also.

Incomplete applications for admissions to the freshman and sophomore classes for the first semester of 2004-2005 are still being processed. These are expected to be very few as the numbers above represent essentially final admission decisions.

**III. Faculty Recruitment: 2004-2005**

To date 416 applications have been received to faculty positions that were advertised as available in the Faculty starting September 15, 2004. After consultation with the departments and the Advisory Committee, 30 offers were made so far. To date 19 offers have been accepted and 14 contracts are being processed. Eleven offers have been declined. The national distribution of those who accepted our offer are: 2 French, 3 Lebanese, 8 US citizens, and one each from: Egypt, Holland, India and Turkey.

**IV. Current Faculty Number and Composition: 2003-2004**

Budgeted full-time lines in the Faculty for 2003-2004 are two hundred and nineteen (219) lines. All lines have been filled. Two hundred and six (206) are currently used for full-time contracts, with the balance used for part-time contracts.

Full-time faculty are distributed as follows: one hundred twenty six (126) are in the Professorial ranks (Assistant, Associate and Full Professors), seventy four (74) are in the ranks of Instructor and Lecturer and six (6) are Assistant Instructors.

## **V. Professors On Leave**

One professor is on leave without pay, three are on paid research leaves, and six are on leave with pay supported through the Hewlett grant. At present several requests for leave without pay and paid research leaves for 2004-2005 are being considered by the Advisory Committee.

## **VI. Applications For Promotion**

Thirteen applications for promotion were received by the deadline of August 18, 2003. Of these, nine (9) are for promotion to the rank of Associate Professor and four (4) are for promotion to the rank of Full Professor.

The Advisory Committee has considered these applications and recommendations to the academic board of deans have been made.

## **VII. General Remarks**

Several departments have been asked to submit updated proposals for the re-establishment of Ph.D. programs. Two proposals, one from the department of Arabic and the other from the department of History, have been approved by the Faculty Curriculum Committee. The departments of Biology and Physics are preparing their separate proposals as well.

The proposal for the establishment of the department of Fine Arts in the Faculty has been approved by the Faculty and by the Academic affairs committee of the Senate and will be presented to the full senate for its consideration. It is hoped that such a department would be in operation as of October 2004.

To date nineteen classrooms have been set up in FAS as 'intelligent class rooms' with computers, internet access and audiovisual aids enhanced with LCD projectors. Nine were completed with funds provided by the Presidents club. Three more are in the process of being set up again through similar funds. This will make the total such rooms available at twenty one which is over one third of all class rooms available for teaching in FAS. We have also received a major grant to upgrade all class rooms in FAS and a plan for doing so is being planned in consultation with the FPDU.

**Note:** During its June 2004 meeting the Board of trustees has approved the proposal for a new department of Fine Arts and Art History to be established in the Faculty of Arts and Sciences.

K. M. Bitar  
Dean of the Faculty



PART B

REPORTS

OF

STANDING COMMITTEES

# **ADMINISTRATIVE COMMITTEE**

## **A. MEMBERSHIP**

Acting Chairman: R. Baalbaki, Professor, Arabic & N.E.L. (2004)

Members:

R. Diab, Assistant Professor, English (2005)

K. El-Hassan, Associate Professor, Education (2004)

S. Harakeh, Assistant Professor, Biology (2005)

D. Kulchitsky, Assistant Professor, Political Studies & Public Administration (2005)

J. Meloy, Assistant Professor, History and Archaeology (2005)

M. Tabbal, Associate Professor (2004)

S. Labban, Assistant Registrar, Ex-Officio

L. Knio, Student Record Officer, attends all meetings of the Committee, records minutes.

## **B. COMMITTEE POLICIES**

The Committee follows the established regulations outlined in the University Catalogue. It rules on all cases involving undergraduate students with irregular academic status; its jurisdiction has been extended to graduate level in the case of incomplete grades. The Committee reviews regularly the academic records of Majorless students, students on probation, special students, and students not working for a degree in order to ensure the implementation of the established regulations. The Committee makes exceptions to academic regulations in the case of the students with difficult circumstances. The Committee was asked by the Dean to consider requests from professors who ask for changes in final exam dates.

The Committee has carried on applying new rules relating to the CVSP courses, namely that dropping CVSP courses should no longer need the approval of the Administrative Committee.

## **C. COMMITTEE ACTIONS**

The Committee held 13 meetings throughout the academic year 2003-2004 to deal with the academic problems brought before it by undergraduate students.

1. The Committee has applied the unified probation rules which are based on the semester averages or evaluation averages of students depending on their completed terms.
2. The Committee continued implementing the policy of the Faculty according to which multi-sectional courses should have a common policy on grading in order to ensure equity across the different sections. All such courses must have a

coordinator who discusses the grading policy with all instructors, and whose signature is required on the grade sheets.

3. The Committee reviewed the academic records of 1) students on continued probation based on their performance during the fall semester 2003-04 and 2) students on strict probation who had received warning letters stating that they would be considered for dismissal from the Faculty if they did not remove their academic probation at the end of the Fall semester 2003-04. The Committee, as advised by Dean Bitar, stopped looking into the cases of students who have not joined a major after a maximum of two semesters. Such students are urged to join a major at least one semester before graduation.

Forty one students were dropped from the Faculty because of poor academic standing end of Sept. 2003 and ten were reinstated in Fall 2003-04.

Appropriate letters specifying the probation status of the student were sent in July and September 2003 to the following categories of students:

	<u>Number of Sudents</u>
a. Students who removed probation	140
b. Students placed on probation	115
c. Students on continued probation	119
d. Students on strict probation	82

The following picture represented the probation status of the above mentioned students in March 2004:

a. Students who removed probation	73
b. Students placed on probation	112
c. Students on continued probation	107
d. Students on non-strict continued on probation	40
e. Readmitted on strict probation	3

### **Irregular Loads**

Permission to take less than 12 credits was granted by the Committee to graduating students, students in their first semester at AUB, Freshman students, students with health or family problems and students working for a second degree and holding jobs.

Graduating students who were not on probation were also permitted to take more than 17 credits either in their last semester or the semester that precedes it. The Committee decided that students whose cumulative average is 80 or above may take up to 21 credits either in their last semester that precedes it.

## **Incomplete Grades, Grade Changes, Correction of Record**

Requests for make-up of incomplete work (missed final examination) were approved for students with health problems and family mishaps.

Requests for change of grade were considered only for evidenced calculation or recording errors. The Committee honoured all correction-of-record requests from students which were due to advising and/or registration mistakes.

### **D. RECOMMENDATIONS**

It is still recommended, as in last year's report, that since grades reported as 'X' or 'I' without a numerical grade contribute to delays in computing semester averages, professors should be asked to abide by the grading system as presented in the AUB Catalogue 2003-2004 in order to avoid delays in Probation and Dean's Honor lists.

The Registrar should not print transcripts for students who have been issued such grades (or have I's on their records) before a new grade system is submitted and approved by the Committee.

Cancellation of courses should be avoided after the drop and add period. Such cancellations result in changes of schedules which the Committee has to deal with, and, most of the times, the Committee finds itself in a fait accompli situation whereby it has to make exceptions against its better judgement.

The Committee still urges all advisers to follow closely the performance of their advisees. Such continued follow-up would ensure that students are aware of the rules and regulations of the Faculty, and would thus cut down considerably on the resources of the Committee.

It is also recommended that permission to take extra load be governed by the same rules which the Committee established this year. These rules stipulate that juniors and seniors may take 18 credits if they have achieved an average of 80 or above in each of the last two semesters.

As far as probation rules are concerned, the Committee recommends that the Registrar's Office provide it with lists of students on probation not later than a week after the end of a semester or summer session. A mechanism should be adopted by the Registrar's Office whereby frequent errors, which such lists usually contain, be amended.

The Committee held several meetings to discuss the cases of students with very poor academic records for possible dismissal from the Faculty. The guidelines which were followed were to dismiss from FAS all non-Senior students who have received prior warning or who have been placed on probation for two consecutive semesters or more, and/or who have been placed on academic probation for two semesters after their receipt of warning letters issued by the Committee.

The Committee recommends that it be enabled to dismiss students from FAS after the fall semester of any academic year. The present rules, which do not allow this automatically, give the student an extra semester. The Committee sometimes foresees that and dismisses students, according to rules and regulations, without giving them an extra semester in order to avoid giving them a whole year.

Finally, it is recommended that students who have not registered for a minimum of 12 credits be barred from finalizing their registration formalities, unless they have the Committee's approval to do so. This should guard against the practice of registering on a part-time basis without prior approval.

R. Baalbaki  
A/Chair

# ADMISSIONS COMMITTEE

## A. MEMBERSHIP

Chairman: K.M. Bitar, Dean

Members:

V. Behmardi, Assistant Professor (2004)

S. BouJaoude, Professor (2005)

R. Khalaf, Assistant Professor (Spring 2004)

J. Koons, Assistant Professor (Feb. 2004)

A. Lyzzaik, Professor (2006)

H. Mohtasib, Associate Professor (2004)

S. Zebian, Assistant Professor (2005)

S. Kanaan, Director of Admissions

Student representative (didn't attend)

L. Knio, Student Record Officer, attends all meetings of the Committee.

## B. COMMITTEE POLICIES

The Committee continued to use the school grades of applicants for the last two full school years as well as their SAT I scores to generate a "composite score" which is used to determine their eligibility for admission in line with the Senate Guidelines.

## C. COMMITTEE ACTIONS

1. The Committee held 12 meetings during the academic year 2003-2004.
2. The Committee approved requests for postponements of admission for the second semester.
3. The Committee continued allowing sophomore applicants to have their admission major changed to another choice of major indicated in their applications if their SAT and CMS scores satisfy the requirements of the requested major.

### Undergraduate Admission:

1. Mid-year admission (Spring 2003-2004): Out of 96 applicants to the Freshman class, the Committee accepted 32, and out of 258 applicants to the sophomore class, the Committee accepted 98 (27 Arts, 67 Science and 4 with unspecified major choice). The distribution of accepted sophomore applicants is shown in table I.
2. First Semester Admission (2004-2005): The Admissions Committee of the Faculty of Arts and Sciences has reviewed and acted upon applicants to the undergraduate admissions. Out of 784 Freshman applicants, the Committee accepted 507. Seven Children of Alumni, Faculty and Staff have been admitted to the Freshman class on the

basis of Special University criteria. Out of 2045 applicants to the Sophomore class, the Committee accepted 1303. Twenty eight children of Alumni, Faculty and Staff have been admitted to the Sophomore Class on the basis of Special University criteria. The Committee also offered unspecified choice of major admission to 76 applicants who do not satisfy all the requirements for the indicated choices while their SAT and CMS scores are equivalent to or above the cut off score. The distribution of accepted applicants is shown in Table II.

3. The Committee, in January 2004, accepted 169 applicants (130 Sophomore and 39 Freshman) who qualified for early admission (EA) to undergraduate study for the academic year 2004-05, as stated in the AUB catalogue 2003-2004, p. 24.
4. The Faculty of Arts and Sciences recommended admitted applicants for consideration as candidates for the AUB “Merit Scholarship”.
5. The committee continued admitting students coming from the different tracks of the Lebanese Baccalaureate will be admitted to any major in FAS but are asked to take certain supplementary courses for no credit, if they choose a field of study different from their Baccalaureate track. For example, students coming from the literary track may go into a science major if they complete the Freshman Science requirements for their chosen major.
6. The Committee approved the granting of credits, based upon the grades and topics covered, for AP, GCE-AL in addition to IB holders who opt to apply to the Freshman class.
7. The Committee agreed that transfer students will be admitted at the Junior level if they have completed the equivalent of 60 credits including Freshman. However, those who are short of few credits may still be admitted. All students will be notified, upon admission, of the total number of credits considered satisfied. A total of 120 credits (including Freshman) are needed for graduation. All transfer students are required to satisfy departmental requirements and the Civilization Sequence courses. Exemption from any required course (including Arabic) will be determined on a course-by-course basis by the various departments after registration.
8. The Committee also agreed that the English Language Proficiency Requirement (ELPR) will only be required from those coming from institutions of higher learning where the language of instruction is not English.
9. The approved updated requirements for transfer within the Faculty (interdepartmental and transfer of Freshman to majors) were included in the AUB catalogue of 2003-04, p: 91 and 95.
10. UPP Admission: As of October 2002, the University Preparatory Program (UPP) has been launched. This program prepares applicants to take SAT (both parts, verbal and mathematical reasoning). For the academic year 2004-05, the Committee has admitted 31 out of 49 applicants to UPP. After completion of this program applicants will be considered for regular admission.  
As previously agreed, consideration of UPP applicants has been dependent on the high scores (AV 800) calculated similar to regular applicants.

## **D. RECOMMENDATIONS**

The Committee, once more, requires that filing “Form 3” in the application folder be mandatory for all applicants. The information to be given on this form includes the average of the class, the average of the applicant, the applicant’s rank in class and the number of students in that class. School records submitted in any other form **must not be accepted**. The Committee realizes that a few applicants will still be at a disadvantage when their school records are standardized against the general averages and standard deviations, hence such cases should be individually reviewed.

- It is recommended that applicants for “Special not Working for a Degree” must satisfy university admissions requirements, should have spent some time at institutions of higher learning (after completion of high school), and should present good academic record.
- It is also recommended that FAS students wishing to transfer to a different major or join a major (FR) must fill the proper forms and have them endorsed by their adviser and/or chairman.  
On-line application forms should be tailored to meet faculty requirements before implementation since interfaculty forms do not fully correspond totally with FAS requirement.

K.M. Bitar  
Dean of the Faculty



**Table I**

**Distribution of Accepted Sophomore Applicants  
Spring 2003-2004**

<b>MAJOR</b>	<b><i>ACCEPTED</i></b>
<b>Arabic</b>	-
Archaeology	2
Biology	22
Chemistry	4
Computer Science	27
Economics	8
Education	3
English Language	1
English Literature	-
Geology	1
History	-
Mathematics Arts	-
Mathematics Science	10
Petroleum Studies	1
Philosophy	-
Physics	2
Political Studies	4
Psychology	2
Public Administration	7
Sociology and Anthropology	-
Statistics	-
<u>Unspecified Major Choices:</u>	
A+S-BC: Arts or Sciences except Biol. and CSC.	1
A+S-BCE: Arts or Sciences except Biol., CSC. And Econ.	2
A-E: Arts except Econ	1
<b>TOTAL</b>	<b>98</b>

February 6, 2004

**Table II**

**Distribution of Accepted Sophomore Applicants  
Fall 2004-2005**

<b>MAJOR</b>	<b><i>ACCEPTED</i></b>
<b>Arabic</b>	1
Archaeology	-
Biology	317
Chemistry	97
Computer Science	228
Economics	198
Education	19
English Language	4
English Literature	11
Geology	4
History	2
Mathematics Arts	5
Mathematics Science	68
Petroleum Studies	18
Philosophy	1
Physics	84
Political Studies	63
Psychology	39
Public Administration	53
Sociology and Anthropology	10
Statistics	5
<u>Unspecified Major Choices:</u>	
A+S-B: Arts or Sciences except Biol.	20
A+S-BCE: Arts or Sciences except Biol., CSC. And Econ.	56
<b>TOTAL</b>	<b>1303</b>

August 16, 2004

## **ADVISORY COMMITTEE**

### **A. MEMBERSHIP**

Chairman: K.M. Bitar, Dean

Members:

Abdel Rahman, Abdel Fattah, Geology (2004)

Abi Khuzam, F., Mathematics (2004)

Baydoun, E., Professor, Biology (2005)

Dajani, N., Professor, S.B.S. (2005)

Sader, H., Professor, History & Archaeology (2005)

Shaaban, K., Professor, English (2005)

### **B. COMMITTEE POLICIES**

During 2003-2004, policies and procedures on faculty recruitment, promotion, and outside employment were implemented.

### **C. COMMITTEE ACTIONS**

The Committee advised the Dean on matters related to faculty appointments, renewal or non-renewal of contracts, recommendations for promotion, requests for sabbatical or leaves of absence without pay, and outside employment. Below is a summary of the main actions taken:

1. A total of 15 applications for sabbatical, paid research leave, and/or leaves of absence without pay were considered.
2. A total of 13 recommendations for promotion were considered: 9 to the rank of associate professor and 4 to the rank of professor. 4 faculty members were promoted to Associate Professor and 4 to Professor.
3. 418 Departmental recommendations for full-time faculty appointments for 2004-2005 were considered. A total of 34 applicants were sent offers, of whom 20 accepted and will join the faculty in October 2004.
4. The Committee considered departmental recommendations for renewal or non-renewal of contracts of all full-time faculty members.
5. Consultations by the Dean about the department chairmanships, which expired on June 30, 2004, were conducted. These departments were: Biology, Computer Science, English, Mathematics, Physics and Civilization Sequence Program. Appointments of new chairs or renewals will now commence on September 15, 2004 to be in line with new budget years of the University.
6. Several applications for appointment as Visiting Scholar ("Associate") or Post-Doctoral Fellow were considered.

K.M. Bitar  
Dean of the Faculty

# CURRICULUM COMMITTEE

## A. MEMBERSHIP

### Acting Chair:

Khalidi, Muhammad Ali; Associate Professor, Philosophy

### Members:

Aintablian, Sebouh (2004), Assistant Professor, Economics

Haddad, John (2004), Associate Professor, Mathematics

Harb, Charles (2004), Assistant Professor, SBHS, second semester

Isber, Samih (2004), Associate Professor, Physics

King, Diane (2004), Assistant Professor, SBHS, first semester

Lyzzaik, Abdallah (2005), Professor, Mathematics (representing the Senate Academic Development Committee)

Safieh-Garabedian, Bared (2004), Professor, Biology (representing the Senate Academic Development Committee)

Smith, Richard (2005), Associate Professor, CVSP and SBHS

Wrisley, David (2005), Assistant Professor, CVSP

Ramzi Labban (representing the Registrar's Office)

## B. COMMITTEE POLICIES

The Curriculum Committee instituted one new policy this year: the Acting Chair was authorized to rule on the equivalence of courses taken at other institutions provided there was a precedent in such cases. Ms. Zeina Halabieh, the Academic Officer in the Dean's office, has compiled a database of all such cases to serve as a reference for such decisions.

## C. COMMITTEE ACTIONS

1. The Committee met thirteen times during the course of the academic year. The Committee considered 27 petitions from students and faculty, and 152 requests for equivalence (125 for non-AUB courses and 27 for AUB courses).
2. The Committee approved the proposed curriculum for the newly established Department of Fine Arts and Art History. The curriculum had been modified in response to recommendations made by the committee in 2002-2003; further modifications were suggested most of which were incorporated in the final proposal (Vote 2004-35).
3. The Committee approved a new curriculum for the revived PhD program in Arabic Language and Literature, after recommending the introduction of core courses for PhD candidates (Vote 2004-90).

4. The Committee approved a new curriculum for the revived PhD program in Arab and Middle Eastern History, after recommending requiring a core methodology course and other minor modifications (Vote 2004-98).
5. The committee approved significant changes to the MA program in Economics, including changes in core course requirements and in regulations governing transfer between the MA programs in Economics and in Financial Economics (Vote 2004-48, 2004-49, 2004-50)
6. The committee approved a new undergraduate inter-disciplinary minor in Cognitive Science (Vote 2004-36).
7. The Committee approved a modification to the minor in Archaeology (Vote 2004-52).
8. The committee approved significant revisions to the undergraduate curriculum in Psychology, including a change of prefix for all courses from SBHS to PSYC, new core and elective courses, and changes in course titles and course descriptions. The changes were approved after recommending some modifications, notably that new statistics courses taken in Psychology not be counted towards satisfying math and science distribution requirements (Vote 2004-37).
9. The Committee approved modifications to the undergraduate curriculum in Sociology-Anthropology, including a change of prefix for all courses from SBHS to SOAN (Vote 2004-63), changes of titles and numbers for 8 courses (Vote 2004-67), and the elimination of 6 courses (Vote 2004-67).
10. The Committee approved modifications to the graduate curriculum in Sociology-Anthropology, including the elimination of 6 courses, and changes of titles and numbers for 15 courses (Vote 2004-68).
11. The Committee approved changes to the prerequisites for the following courses: BIOL 206 (Vote 2004-41), EDUC 246, 247 and 317 (Vote 2004-99).
12. The Committee approved a total of 19 new courses, some of which were approved after recommending changes to course descriptions and prerequisites: ARAB 215: Syriac Language, BIOL 246: Marine Biology, BIOL 281: Ichthyology, BIOL 331: Nucleic Acid Structure and Function, MEST 310: Seminar in Early Islamic History, MEST 311: Special Topics in Medieval Islamic Cultural History, MEST 315: Special Topics in Modern Middle Eastern Social and Political History, MEST 316: Special Topics in Modern Middle Eastern Cultural and Intellectual History, PSYC 213: Research Methods and Statistical Analyses I, PSYC 223: Research Methods and Statistical Analyses II, PSYC 243: Applied Research Methods in Psychology, PSYC 247: Introduction to Culture and Psychology, PSYC 250: Introduction to Cognitive Science, SOAN 103: Reading Other Cultures, SOAN 203: Introduction to Anthropology, SOAN 224: Sexuality and Society, SOAN 346: Seminar in Communication Theory and Research, SOAN 348: Seminar in Persuasion Theory and Practice, SOAN 350: Graduate Tutorial in Communication.
13. In coordination with the Departments of Biology, Chemistry, and Physics, the Committee initiated a look at pre-med requirements and met with a representative of the Faculty of Medicine Admissions Committee to coordinate this initiative. One outcome of this effort was a change in physics requirements for pre-med

Chemistry majors, which have now been formally listed in the AUB Catalogue. Another outcome was an undertaking by FM to form a committee to re-evaluate current pre-med requirements for admission to the Faculty of Medicine, with a view to making it more feasible for non-science majors to satisfy pre-med requirements.

#### **D. RECOMMENDATIONS**

1. As our student body becomes more diverse and as our own students are getting more adventurous in taking courses at other institutions around the world, the Curriculum Committee has been receiving an increasing number of requests for course equivalence. To make such rulings easier, the Committee recommends that department chairs make sure that all requests for equivalence are accompanied by syllabi, or at least, by full course descriptions.
2. A significant number of requests for equivalence are for courses that have no equivalent at AUB. In such cases, departments sometimes locate a related course; at other times they award equivalence to Special Topics courses. However, it may be preferable in such cases to grant something like a "credit waiver" instead of claiming real equivalence. This would apply only to non-required courses (electives or electives in the major) and such waivers could be specified in some cases as satisfying general departmental or university requirements.
3. Departments have sometimes proposed new Special Topics courses to the Committee at both graduate and undergraduate levels. Since such courses may be given on a variety of topics, they do not typically have a uniform syllabus. In such cases, the Committee has begun to request a sample syllabus for each such course.

M.A. Khalidi  
A/Chair

# GRADUATE COMMITTEE

## A. MEMBERSHIP

Acting Chair: Wafic Sabra, Professor, Physics (2004)

Members:

Darwiche, Nadine, Associate Professor, Biology (2005)

Ghaith, Ghazi, Associate Professor, Education (2005)

Hout, Sirine, Associate Professor, English (2005)

Shaaban, Kassim, Professor, English (2005) (and member of Board of Graduate Studies)

Yaghi, Hussein, Associate Professor, Education (2006) (member of Board of Graduate Studies)

Registrar's Office

Admissions' Office

## B. COMMITTEE ACTIONS

The Committee held more than 10 meetings during the academic year 2003-2004. The Committee discussed more than 800 applications to graduate study for the fall and spring semesters of the Academic year 2003-2004. A summary of this activity is given in the two tables below.

The Committee approved around 98 thesis and project proposals, considered 44 petitions (including: transfer of credits, updating GR status, transfer from one program to another, extensions of residency period and others). The committee also assessed graduate students academic performance in all majors and placed 41 students on probation (P1 & P2).

Table 1. Graduate Applicants by Total

<b>Term</b>	<b>Applied</b>	<b>Accepted</b>	<b>Registered</b>
Fall	470	351	183
Spring	176	114	57
Summer	9	2	0

Table 2. Graduate Applicants by Major

<b>FALL</b>			
<b>Major</b>	<b>Applied</b>	<b>Accepted</b>	<b>Registered</b>
ANTH	5	1	0
ARLL	7	2	2
AROL	1	0	0
BIOL	69	52	19
CHEM	26	22	10
CMPS	69	39	21
ECON	37	21	4
EDUC	77	64	29
ELED	27	26	0
ELIT	27	19	10
ELNG	26	21	10
ENVP	2	2	1
FINE	81	63	32
GEOL	3	3	3
HIST	5	3	1
MATA	4	3	1
MATS	25	18	3
MEST	41	28	12
NWAS	3	2	0
PHIL	4	3	0
PHYS	21	10	4
POLS	32	23	7
PSYC	24	13	7
PUBA	20	12	5



<b>SPRING</b>			
<b>Major</b>	<b>Applied</b>	<b>Accepted</b>	<b>Registered</b>
ANTH	3	2	1
ARLL	4	0	0
AROL	1	0	0
BIOL	15	10	6
CHEM	5	4	4
CMPS	20	9	4
ECON	13	6	1
EDUC	30	21	12
ELIT	9	5	3
ELNG	5	2	0
FINE	34	19	5
MATS	12	10	2
MEST	20	8	5
NWAS	6	5	2
PHIL	2	2	2
PHYS	8	3	0
POLS	16	10	3
PSYC	10	4	3
PUBA	21	9	2
SOGY	3	2	2
STAT	2	0	0

<b>SUMMER</b>			
<b>Major</b>	<b>Applied</b>	<b>Accepted</b>	<b>Registered</b>
EDUC	2	0	0
ELIT	1	0	0
ENVP	1	0	0
FINE	1	0	0
HIST	1	0	0
MEST	1	0	0
NWAS	3	2	0
PSYC	1	0	0

W. Sabra  
A/Chair

# **LIBRARY COMMITTEE**

## **A. MEMBERSHIP**

Acting Chairman:

Spring 2004:

Wrisley, David, Assistant Professor, Civilization Sequence Program (2004)

Fall 2003:

King, Diane, Assistant Professor, Social and Behavioral Sciences (2004)

Members:

Al-Jadir, Lina, Assistant Professor, Math & Computer Science (2004)

Haydar, Bashshar, Assistant Professor, Philosophy (2004)

Sadowski, Yahiya, Associate Professor, Political Studies and Public Administration (2004)

University Library Committee:

Darwiche, Nadine, Associate Professor, Biology (2004)

## **B. COMMITTEE POLICIES**

Not applicable

## **C. COMMITTEE ACTIONS**

- The FAS Library Committee met three times over the 2003-2004 Academic Year.
- The Committee mainly devoted its attention to supporting the Library's effort for campus-wide Information Literacy. In collaboration with Samira Rafidi Meghdessian, the committee members discussed the integration of electronic and library resources into courses offered in FAS. Ways of bringing together course methodology and the Library Resources were also discussed.
- The Committee began to draft of a letter outlining possible recommendations for the future growth of Jafet Library.

## **D. RECOMMENDATIONS**

The FAS Library Committee recommends that in the upcoming Academic Year (2004-5) that the following issues be investigated:

- The composition of the above-mentioned letter (section C) concerning infrastructural, facilities and staff needs at Jafet Library;
- A review of the results of the Mellon summer faculty seminar for Information Literacy;
- A follow up on the Library Liaison Program;
- A review of periodicals holdings;
- A review of the comments collected from the 2004 library user's survey;
- An examination of the possibility of an earlier opening date for the Branch Libraries than planned.

D. Wrisley  
A/Chair

# RESEARCH COMMITTEE

## **A. MEMBERSHIP**

### Acting Chair:

Ahmad Nasri, Professor, Computer Science (2004)

### Members<sup>1</sup>:

Tamer Amin, Assistant Professor, Education, (2005)

Kamal Bouhadir, Assistant Professor, Chemistry, (Spring 2004)

Ghazi Ghaith, Associate Professor, Education, (2005)

Mazen Ghoul, Assistant Professor, Chemistry, (Spring 2004)

Gregg Osborne, Assistant Professor, Philosophy, (2004)

### URB representative:

Hazar Abu Khuzam, Professor, Mathematics (2005)

## **B. COMMITTEE POLICIES**

The Committee followed the general guidelines outlined in the by-laws of the Faculty of Arts and Sciences, and the research applications guidelines set by the Office of the Grants and Contracts. For the submission of URB proposals, the following guidelines were used from the ongoing policy established in 2001:

1. General proposals (small budget of less than \$10,000) will be reviewed by faculty members from within the AUB community. In exceptional cases and/or upon the request of the applicant(s), external reviewers can be consulted.
2. Group proposals (of large budget exceeding \$10,000) will be sent to reviewers from outside the AUB community (and Lebanon) and should be studied more carefully than general proposals.
3. Renewal of multi-year grant should follow the general URB guidelines.
4. Applicant(s) should submit three copies of their proposals with the names of two possible reviewers. These will be added to the list of reviewers chosen by the committee before final selection. Applicants for Group proposals MUST send (by e-mail to the Acting Chair) an electronic version of their proposals in addition to the three hard copies. Each proposal is initially sent to two reviewers and when a reviewer declines to review a proposal another one is chosen. However in some

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<sup>1</sup> Prof. G. Beydoun and Prof. M. Khattar are on leave during Spring 2004. Prof. M. Ghoul, and Prof. K. Bouhadir were elected to replace them for one semester. Prof. M. Jarrar did not participate in the committee's activities.

cases, due to time constraint, the committee had to make a decision based on the input of one reviewer.

5. For all proposals (including group proposals), the amount of money allocated for RAs should not exceed \$4000. This is due to budget constraints.
6. The reviewers' comments will be sent to the applicant(s).

For evaluation, the following criteria were adopted:

1. Quality of presentation. (Wherever possible, the structure of the proposals is expected to correspond to the main sections found in the review form. The form can be found on the web page of the committee.)
2. Importance of the project as assessed by the reviewers in the relevant field and also by the committee.
3. Realistic, itemized, and carefully justified budget.
4. Outcome of prior URB research grants (if any).
5. In the case of application for renewal, a detailed and well written progress report will be absolutely essential. (Quality publication(s) resulting from work carried out so far, while not a pre-requisite, should guarantee renewal.)

For the evaluation of other types of proposals such as those submitted to LNCSR, TWAS, CEDRE or other funding agencies, the following policy was adopted:

1. Proposals seeking external funding must be submitted to the Dean's office long enough before their deadlines.
2. The Committee scheduled a weekly meeting to review submitted proposals.
3. The committee needs at most two weeks to act on any proposal.

## **C. COMMITTEE ACTIONS**

**1- Guidelines:** The following guidelines were sent to all faculty members:

1. Applicants are expected to have filled out the relevant supplementary forms (animal, radio-active materials, etc.)
2. The submission deadline set by either the OGC or by the committee is binding.
3. If an application is submitted to other funding agencies in addition to the URB, then this should be clearly stated.
4. Applicants should clearly indicate previous URB projects and resulting publications (if any).
5. Final budget decisions are not made by the committee but rather by the URB.
6. The committee strives to be fair and objective by following the criteria stated above. There is no mechanism for revision of its decisions

**2- Review Policy Modification:** The Committee adopted the previously established URB review policy with the following modifications:

1. Applicants who received previous URB grants were asked to send a one page final report indicating the outcome of their grants.
2. The committee decided to review the start-up proposals (those submitted in the Fall 2003 by new faculty members) since these were only reviewed by the committee.
3. Multi-year proposals will be initially reviewed within the committee, and in some cases reviewers from within the AUB community can be consulted. There was a general consensus of commitment to the renewal of multi-year grants as long as there is a clear evidence of progress and in particular accepted or already appeared quality publications. In the case of the renewal of a group multi-year proposal at least one external reviewer from outside the AUB community must be consulted. However, due to budget constraints, the committee decided that the recommended budget for a renewal should not exceed that of last year.
4. Budgets are revised to filter out items that are not acceptable by the URB. The committee can decide on the final budget of each proposal after taking into account several factors including reviewers comments, category of the proposal, needs, justifications, etc.
5. In order to rank the applications, the six main items in the review form, such as Objectives/Hypothesis, Originality, etc. are given weights. Furthermore, each of the ratings (Excellent, Very Good, etc.) is given a grade. A formula is then devised that uses these numbers to compute an overall score from each review form. The final score of each proposal is simply the average of the two overall scores. If a reviewer declines to review a proposal and time does not permit to find a replacement, the final score is computed from one review form. Furthermore, if the reviewer leaves an item without ranking, this item was not considered in the computation of the corresponding score. The recommended budget is then computed by form the final score and the revised budget.

**3. URB Applications:** The following proposals were submitted:

6. **Seed Proposals:** 12 seed proposals were received with a total requested budget was \$72,700. For **the first time**, the committee decided to consult reviewers in the evaluation of seed proposals, similar to ordinary proposals. Accordingly, seed proposals were ranked with a total recommended budget is \$57,087
7. **Ordinary URB proposals:** A total of 49 proposals were received, 39 of which are new and 10 are renewal. **Compared to last year, the number of submitted proposals is increased by about %63.** After reviewing these proposals, the committee declined four of them and ranked the remaining proposals based on their scores. The initial budgets suggested by the principal investigators were cut by removing unjustified items or any other items not permitted by URB. The total revised budgets was about \$297,000. The revised budgets were then weighted

according to the corresponding scores leading to a total recommended budget of about \$230,000.

3. **International and Local Funding Agencies:** Several applications submitted to LNCSR, TWAS, CEDRE, and other funding agencies were reviewed by the committee during its weekly meeting.
4. **CBR applications:** The Research Committee noted the recommendations made and the procedure followed by CBR and agreed to pass them to the Dean of The Faculty of Arts and Sciences for further processing.

#### **D. RECOMMENDATIONS**

The committee recommends the following:

1. The total URB budget allocated to FAS is not adequate. FAS share should be revised taking into consideration the size of the faculty compared to other faculties at the university and the limited funding agencies available to support research in some fields.
2. The major key of a fair review process is the reviewer's comments. Unfortunately, some reviewers are not taking the review process seriously and that is affecting the ranking of good quality proposals. The committee suggests sending a message from URB to the faculty to take this responsibility seriously. Furthermore, the committee suggests building a database of reviewers for future consultation.
3. The role of the research committee pertaining to the recommendations of the applications submitted to the Center for Behavioral Research (CBR) is not clear and should be defined as soon as possible.
4. The evaluation of budgets is very essential. The committee recommends that ALL items, even the request of a part-time research assistant or other kind of work, must be fully justified. For any item that costs above 500USD, a kind of proof (if possible) indicating such costs must be included in the proposal. Without itemized, justified and convincing budget, it may not be possible to approve the proposal's budget. Itemized budgets ONLY does not necessarily mean justified budget.
5. The committee recommends that a full electronic submission and review process should be adopted. This would facilitate the implementation of the evaluation of the URB proposals given the time constraints set by the URB. A part-time research assistant is highly needed to help implementing this.
6. The committee recommends, if time permits and whenever deemed necessary, to send the reviewers comments to the applicant who will be given a chance for a rebuttal before a final decision can be made.
7. The committee also recommends that the URB establishes more detailed policy pertaining to group proposals across the faculties.

A. Nasri  
A/Chair

# **STUDENT AFFAIRS COMMITTEE**

## **A. MEMBERSHIP**

Acting Chairman: Kassim Shaaban, Professor, English (2004)

Members:

B. Haydar, Assistant Professor, Philosophy (2004)

M. Khattar, Assistant Professor, Biology (2004)

C. Rhoder, Associate Professor, Education (2004)

M. Tabbal, Associate professor, Physics (2004)

G. Baydoun, Assistant professor, Mathematics (2004)

Dean of Students

## **B. COMMITTEE POLICIES**

The charge of the Committee is set in paragraphs b,c,d, and e of section 10 of the By-Laws of the faculty of Arts and Sciences dated June 16, 1977 and approved by the Board of Trustees on June 27, 1977. The Committee continues to operate in accordance with guidelines established by these paragraphs.

In addition, the Committee follows in its consideration of disciplinary actions the regulations governing such actions as amended in its meeting of March 23, 1982.

## **C. COMMITTEE ACTIONS**

Seventeen cases were referred to the Student Affairs Committee during the academic year 2003-2004. In all 17 cases, the Committee took the appropriate action, in accordance with the by-laws, and made its recommendations to the Dean of the Faculty. The recommendations sent to the Dean and adopted by him ranged from reprimand to warning(s) not appearing on transcript, to warning(s) appearing on transcript, to suspension for a semester.

## **D. RECOMMENDATIONS**

The Committee recommends that professors continue to include a statement on plagiarism in their syllabi in order to impress upon their students the seriousness of such an offense. Furthermore, they should refer serious cases to the Committee instead of trying to solve it themselves.



Another Committee recommendation is that there should be consistent policies and actions regarding offenses across faculties.

A third recommendation by the Committee is that the whole system of providing punishment for offenses should be re-studied, starting with what constitutes an offense, the types of offenses, and what punishment fits what offense. The new system should be the product of an interfaculty committee in order to establish fairness and uniformity.

K. Shaaban  
A/Chairman

PART C

REPORTS

OF

ACADEMIC UNITS

# DEPARTMENT OF ARABIC & NEAR EASTERN LANGUAGES

## A. SUMMARY OF PROGRAMS

This year, there have been several rounds of APT, taken by 1226 students, of whom 307 (25.04%) were placed at the primary level (201A), 449 (36.62%) were placed at the intermediate level (201B), and 446 (36.37%) were placed at the advanced level (211 or above)]. Furthermore, the Department's program for a minor in Arabic has continued to attract students.

## B. PERSONNEL

### 1. Faculty Members

Abu Jawdeh, Siham	Lecturer	Ph.D.
Agha, Saleh Said	Associate Professor	Ph.D.
Baalbaki, Ramzi	Professor	Ph.D.
Behmardi, Vahid	Assistant Professor	Ph.D.
Chrieh, Mahmoud	Lecturer *	M. Phil
El-Zein, Abd al-Fattah	Lecturer *	Doctorat (3 <sup>é</sup> me cycle)
Ghosn, Amina	Instructor	Doctorat (3 <sup>é</sup> me cycle)
Hag-Majid, Wafi	Instructor	M.A.
Heath, Peter	Professor	Ph.D.
Jarrar, Maher	Associate Professor *	Ph.D.
Jeha, George	Lecturer	Ph.D.
Khairallah, Asaad	Professor	Ph.D.
Kozah, Mario	Lecturer	Ph.D.
Makarem, Sami	Professor	Ph.D.
Saab, Nada	Instructor	M.A.

### 2. Research Assistants

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### 3. Graduate Assistants

#### First Semester

Banat, Hadi

Siblini, Rana

Sleem, Badr

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\* Part-time

\* Part-time

\* Part-time

Sultani Kanawati, Rima  
 Stuhi, Missan

Second Semester

Banat, Hadi  
 Ibrahim, Camela  
 Siblini, Rana  
 Sleem, Badr  
 Sultani Kanawati, Rime  
 Stuhi, Missan

**4- Non-Academic Staff**

KaidBey Hamadeh, Rana                      Secretary

**C. TEACHING**

**1. Number of Graduating Majors**

B.A	- Oct. 2000	-0
	- Feb. 2001	-0
	- June 2004	-1
M.A.		2

**2. Number of Majors**

Graduates	11
Seniors	3
Juniors	0
Sophomores	0

**3. Student Enrollment in Courses**

<u>Summer</u>	<u>1st Sem.</u>	<u>2nd Sem.</u>	<u>Total</u>
<u>2003</u>			
Courses numbered 300 and above:			
0	48	15	23
Courses numbered 211 through 299:			
0	208	223	431
Courses numbered 200 through 210:			
0	445	331	776
Courses numbered below 200:			
0	59	54	113
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0	720	623	1343

#### 4. Number of Credit Hours Offered

Courses numbered 300 and above:			
0	6	6	12
Courses numbered 211 through 299:			
0	21	27	48
Courses numbered 200 through 210:			
0	51	51	102
Courses numbered below 200:			
0	6	6	12
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0	84	90	174

#### D. RESEARCH

##### Abu-Jawdeh, Siham

1. Literary critical movement in its inclination towards historical as well as impressionist criticism, in addition to general literary criticism between 1920-1945, in Lebanon, as represented by: Boutros Al Bustani, Fouad Frem Al-Bustani, Maroun Abboud, and others. In progress.
2. The poetical movement as manifested in romanticism and symbolism, the first represented by Elias Abu-Chabakeh and the second by Said Akl. In Progress.
3. The narrative genre in its various types, themes and styles between the two World Wars 1920-1945, as well as the basis of its two major figures, Tawfiq Youssif Awwad and Khalil Takiieddine. In progress.
4. Preparing two Arabic text books for the orientation and first year class, for the Dhofar University (DU) in Salalah. Sultanate of Oman. Expected to be published by the end of September 2004.

##### Agha, Saleh S.

1. "Sa<sup>c</sup>d ibn Nashib: a professional poet or an angry loser?!" (submitted).
2. "The <sup>c</sup>Abbasid odyssey in Samawah—an endeavor less high-minded than portrayed." (final stage ).
3. *Insaf (equity) in Pre-and-Early-Islamic Poetry: An Anthology and a Study*. This project envisages three products: (a) a pilot article, in English, heralding: (b) a book, a comprehensive annotated anthology of *Insaf* with an analytical study; and (c), a translation thereof.
4. "The quantitative method in Islamic Studies can get out of hand: a case in point." (In progress).
5. "Nasr Ibn Sayyar: a veteran of tribal discord transformed into a seer, a statesman: a reformer and a symbol of compassionate (or pragmatic) Arabhood." (In Progress).
6. Preparing for publication my paper, "Holistic Poetic Imagery", presented at the a/m Paris conference on "The Gaze".

7. "Ra'iyat Tha'labā ibn Su'ayr: one of the oldest surviving archetypal Arabian odes?" (In progress).
8. "Did the Arabs in Umayyad Khurasan form a disenfranchised agrarian society with a taxable landed aristocracy?" (Research in progress).
9. The Umayyad Establishment: a natural successor to the Madinan Establishment (Research in progress).
10. "The way of all flesh: the fate some of the *nuqaba' bani al-ʿAbbas* met with (In progress).
11. The Arabian ode: a study in the pattern-generating power of the interplay between geography and artistic expression (Long term, cumulative, in progress).

### **Baalbaki, Ramzi**

1. "Visual influences on Arabic linguistic sciences." La Maison des Sciences de l'Homme, Paris. In press.
2. "al-Ta'tīl al-muʿjami wa-mawqīʿ al-ʿArabiyya bayn al-Samiyyat," *Revue de la lexicologie*, vol. 20 (2004). In press.
3. "Ibn Duraid." Entry in *Mawsūʿat Aʿlam al-ʿArab wa-l-Muslimīn*, ALECSO. In press.
4. "From burden to asset: Morphological change in the Arabic tradition." In press.
5. "Coinage in modern English-Arabic lexicography." *Zeitschrift für arabische Linguistik*, vol. 43 (2004). In press.
6. "'Asl", lemma to be published in the *Encyclopedia of Arabic Language and Linguistics*, Leiden: Brill. In press.
7. "Bina", lemma to be published in the *Encyclopedia of Arabic Language and Linguistics*, Leiden: Brill. In press.
8. "Tamyẓ", lemma to be published in the *Encyclopedia of Arabic Language and Linguistics*, Leiden: Brill. In press.
9. "The place of **Gahiz** in the Arab philological tradition". In progress
10. Review of R. Talmon's *Eighth-Century Iraqi Grammar: A Critical Exploration of Pre-Halilian Arabic Linguistics*, *Journal of Semitic Studies*, vol. 49 (2004). In press.

### **Behmardi, Vahid**

1. 'Hermeneutical Commentaries on the Qur'an Become Scripture'. (In progress for publication in 2006)
2. A Note on the Roots of Sheikh Hadi Najmabadi's Reformist Ideology (In progress)
3. 'The *Madira* of Baghdad versus the *Sikbaj* of Nishapur: An Illustration of Socio-Cultural Contrasts' (Submitted for publication in June 2004)
4. "Sag', language of" (Lemma for the *Encyclopedia of the Arabic Language*, Brill, Leiden – (Expected date of publication: 2005/2006).
5. *A Compilation of the Arabic Poems of Jalal al-Din Rumi [al-Mawlawi]*, (with an introductory literary analysis). (In progress)
6. *Sharh al-Qasidah al-Khamriyyah* of Ibn al Farid by Dawud al-Qaisari (ed. with introduction). (Submitted for review to the publisher in May 2004)

7. *Al-Khitab al-Dini al-Siyasi lil-Shaykh Fadl'u'llah al-Nuri* (The Religio-Political Discourse of Sheikh Nuri on Islam and Civil Constitutionalism). (In progress)
8. *The Twelve Elegies of Sheikh Ahmad al-Ahsai Lamenting Imam Husayn* (ed. with analytical introduction and notes). (Complete)
9. *Badi al-Zaman al-Hamadhani: A Critical Re-Appraisal* (originally Ph.D. dissertation). (In the process of final review)
10. *The Arabic Letters of Qa'im Maqam al-Farahani*. (ed. with analytical introduction and notes) (Complete)
11. *Risalah fi Tahqiq Husn al-Sawt wa-Bayan Hilliyatih-i fi al-Akhbar* by Muhammad Baqir Sabzivari (ed. with an introduction on the question of singing and music in Shi'i jurisprudence) (In progress)

### **Khairallah, Assaad**

1. Modern Arabic Poetry: Prophecy, Metapoetry, Snapshots: A monograph dealing with the Arabic poetic scene in the 20<sup>th</sup> century, trying to present a synthesis that will help explain what made Modern Arabic poetry so different from its own tradition, while preserving its identity in face of the great influences from the West. (Last writing stage)
2. Preparing for publication a paper titled: "Intertextual Strategies in Rashid al-Da'if's Novel, *Insay as-Sayyara*", given at the EMTAR Colloquium, "Intertextuality in Arabic Literature since 1967" (in Cracow, Poland, 7-10 May, 2003).
3. Preparing for publication "Huda Barakat and her Antiheroes" (writing stage).
4. Working on a paper titled: "The Story of Majnun Layla in Various Historical and Cultural Perspectives" for the conference on "Studying Transcultural Literary History" (Stockholm, November 2004)
5. Working on "Hawi's Lazarus in Eliot's Waste Land," a contribution to a Festschrift in honor of Professor John J. Donohue, due in October, 2004.
6. "ash-Shi'r al-'arabi al-hadith fi l-lugha al-almaniyya: Hadiruh wa mustaqbaluh" (Modern Arabic Poetry in the German Language: Its present and future), within the Acts of the Conference on Germany and the Arab World, held at al-'Ayn University, United Arab Emirates, October 2001. In press.
7. "Sacred Prey and Fatal Mirror: The Female Body Written by Amjad Nasir and 'Abduh Wazin." A paper delivered at the Conference on "Sexuality in the Arab World" held at AUB in December 2003. In press.

### **Saab, Nada**

1. The rise of the Baghdadi school of Sufism, al-Junayd and other adversaries. (In progress)
2. The "necessary evil," early mystical speculations on Islamic Shari'ah. (In progress)
3. Hagiographical literature and portrayal of women as guides in desolate journeys towards God. (In progress).
4. The life and works of the mystic Abu Sa'id al-Kharraz. (In progress)

## **E. OTHER STAFF ACTIVITIES**

### **Abu-Jawdeh, Siham**

1. Writing the biography of some prominent Lebanese poets to be published in “Babtin Dictionary for the Nineteen and Twentieth century Arab Poets”.
2. Contribution to the Encyclopedia of prominent figures among the Arabs and Muslims, sponsored by Arab organization for education, culture, and science in Tunisia, and which is under the jurisdiction of the Arab League. (I wrote the following biographies: Anis Makdisi, Khalil Mutran, Chibli al-Mallat, Amin al-Nasreddine, Ibrahim al-Munzer and Rachid Nakhli). In press. Elias Fayad and Halim Saadeh. In research process.
3. Member of Oman Project which is run by the Regional External Program at AUB, I fulfilled this year the following:
  - a. Preparation of six Arabic placement tests for the National College for Science and Technology, Salalah, Oman.
  - b. Correction of 400 tests for the orientation and the first year classes.
  - c. Assessment of the orientation & the first year classes.
  - d. Preparation of a four year Bachelor Curriculum for the Dhofar University (DU) in Salalah, Sultanate of Oman.
  - e. An academic visit to the National College for Science and Technology, Salalah, Oman, where I met the Dean of the college, the Associate Dean, and the teacher of the Arabic courses. I attended the classes and interviewed the students to assess their level of Arabic.

### **Agha, Saleh S.**

1. Member of Task Team 6, on Integrity, AUB Self-Study (2002-2004)
2. Advisor for three graduate students, and member of the examining committees of others.

### **Baalbaki, Ramzi**

1. Delivered a paper at the Conference in Semitic Grammar and Lexicon, University of Oslo, 2-5 June 2004.
2. Associate Dean, Faculty of Arts & Sciences.
3. Acting Chairman, Administrative Committee, FAS.
4. Chairman, Dept. of Arabic & NEL.
5. Member of the AUB Commencement Committee.
6. Served on the Editorial Board of the *Encyclopedia of Arabic Language and Linguistics*, Brill, Leiden.

### **Behmardi, Vahid**

1. Advisor of the Student Representative Committee of the Faculty of Arts & Sciences, American University of Beirut.
2. Member of the Editorial Board of *Al-Dirasat al-Adabiyyah [Etudes Littéraires]* journal.
3. Coordinator of ARABIC 201B at the Department of Arabic & Near Eastern Languages, American University of Beirut.



4. Member of Arts & Sciences Admissions Committee, American University of Beirut.
5. Library Liaison of the Department of Arabic & Near Eastern Languages.
6. Coordinator of Arabic Placement Tests for the University Arabic requirements.
7. Academic Advisor, Department of Arabic & Near Eastern Languages, American University of Beirut.
8. Advisor of three accomplished MA Thesis (*The Phenomenon of Textual & Connotative Transformation in Ibn Arabi's Turjuman al-Ashwaq*, June 2004, *Ibn Battuta and the Making of Travel Literature: The Texture of Factual and Fictional*, June 2003, and *Aspects of Arabic Literature in the Courts of the Buyids*, MA thesis, American University of Beirut, June 2003).
9. Current advisor of two MA theis: *The Impact of the Monastic Mileu on Early Abbasid Poetry*, [CAMES], Expected date of submission June 2005, and *Symbolism in Risalat al-Tayr and Hay b. Yaqzan by Ibn Sina*, Expected date of submission June 2005.
10. Member of the Examining Committee of a Ph.D. dissertation at St. Joseph University (passed in May 2004), and an MA thesis at CAMES, AUB (June 2004).
11. Presented a paper under the title: 'Pre-Islamic Themes in the Letters of Abbas Effendi to Zoroastrian Converts'. (7<sup>th</sup> Irfan Colloquium, Italy, July 2003)

#### **Khairallah, Assaad**

1. Member of the Advisory Committee of the Anis K. Makdisi Program in Literature, AUB. In this context, I helped organize many of its activities, the most important of which are:
  2. A Conference on "The Sociology of the Lebanese Civil War Novel", May 15-16, 2004, in which I chaired a session.
  3. The May Conference delivered by Professor Radwa 'Ashur.
  4. Moderated a reading and discussion by the novelists: the German Joachim Helfer and the Lebanese Rashid al-Daif. (AUB, April 27, 2004)
  5. Editor of *Al-Abhath*, Journal of the Faculty of Arts and Sciences, AUB (since March 1998).
  6. Moderating activities:
    - a. A reading by two novelists: Joachim Helfer and R. al-Da 'if, LAU (April 21, 2004).
    - b. Two readings and discussions by the German poet Silke Scheuermann and the Lebanese novelist Iman Hmeidan. Tripoli (17-6-04) and Beirut (22-6-04).
  7. -Member of the Advisory Committee of the literary and intellectual Journal, *Kitābāt Mu'asira* (Beirut, Lebanon)
  8. -Member of the Editorial Board of the *Journal of Middle Eastern and North African Intellectual and Cultural Studies* (Binghamton University, N.Y.)
  9. Founding Member of the newly founded EURASMAL (European Association for the Study of Modern Arabic Literature), and Committee member for its Research Program for the coming six years.

10. Main adviser to the International Frankfurt Book Fair, where the Arab World will be 'Guest of Honour' next October. I was in charge of the conception of the whole project and I wrote the statement that presented it to the international press on October 9, 2003.
11. Gave a paper titled "Sacred Prey and Fatal Mirror: The Female Body Written by Amjad Nasir and 'Abduh Wāzin." the Conference on "Sexuality in the Arab World" held at AUB in December 2003.
12. Gave a paper titled: "Typologie de la poésie arabe moderne" at the conference on "Typologie et problématique de la littérature arabe, 1950-2000", at the Sorbonne, Paris, April 1-5, 2004
13. M.A. THESES:  
Reader and member of the examining committees of three M.A. theses: Rana Siblini, Ahed Sbul, and Stuart Reigeluth.

**Saab, Nada**

1. Academic coordinator of the Arabic Program for foreigners.
2. Academic Coordinator of the CAMES Intensive Arabic Summer program
3. Served as a member of the examining committee of an MA thesis in the Dept. of Arabic and NEL.

**F. PUBLICATIONS**

**Baalbaki, Ramzi**

1. *Grammarians and Grammatical Theory in the Medieval Arabic Tradition*. Variorum Collected Studies Series, Hampshire & Vermont, 2004, 354 pp.
2. *Al-Mawrid al-Akbar* (a comprehensive English-Arabic Dictionary coauthored by Mounir Baalbaki). Beirut, 2004, 2155 pp.
3. "Theoretical coherency versus pedagogical attainability: The conscious bias of Arab grammarians." *Alltagsleben und materielle Kultur in der arabischen Sprache und Literatur. Festschrift für Heinz Grotzfeld zum 70. Geburtstag*, ed. U. Stehli-Werbeck und Thomas Bauer, Harrassowitz (Wiesbaden, 2004), pp. 39-68.
4. "Some considerations of word order in *kana* constructions." *Romano-Arabica: Arabic Linguistics*, New Series, vol. 3(2004), pp. 41-58.

**Behmardi, Vahid**

1. *Risalat al-Suluk fi al-Akhlaq wal-A'mal* by Kazim al-Rashti (Critical Edition with Introduction and Notes), Beirut Texts and Studies Series (No. 93), German Oriental Institute, Beirut, 2004.
2. "Qa'im Maqam-i Farahani: Forerunner of Modernity in the Middle East", *Hamshahri*, Tehran, vol. 11, No. 3201, October 21, 2003, p. 6.

## **G. FUTURE DEVELOPMENT**

The Department has finalized its Ph.D. proposal by setting the required courses in detail, updating the CVs of its professional rank members, and unifying certain rules in line with the Ph.D. proposals of other departments. The Curriculum Committee of the Faculty has approved this proposal and the Department hopes that its proposal will soon be examined and approved by the other Faculty and University bodies.

After having been vacant since 1982, the Jewett Chair for Arabic Studies will be occupied as of October 1, 2004 by Professor Ramzi Baalbaki for a period of seven years. The last holder of the Chair was late Professor Khalil Hawi. Previous holders include the late Professors Anis al-Khoury al-Maqdisi and Jibra'il Jabbour. It is hoped that this appointment will vitalize Arabic studies through lectures and conferences sponsored by the Chair.

The Department will have a new member as of Fall 2004. He is Dr. Fawwaz Tuqan who will join the Department as a Visiting Professor for an initial period of one year. He will be teaching several courses which have not been offered for about two years. The Department is still hoping to recruit new faculty members to strengthen its offerings, particularly since the Ph.D. program is likely to be reintroduced.

The demand for "Arabic as a Foreign Language" is steadily growing and the Department hopes to expand its offerings in this area. Students majoring in Arabic now form the backbone of the Summer Arabic Program which is run by CAMES.

R. Baalbaki  
Chair

## DEPARTMENT OF BIOLOGY

### **A. SUMMARY OF PROGRAMS**

An attempt to revive limnology and marine Biology studies in the department started this year with the recruitment of two new faculty members namely Dr. Michel Bariche, a marine biologist, and Dr. Imad Saoud, an aquatic scientist.

Dr. Colin Smith, a molecular biologist, joined also the department. Accordingly new courses that fall within the specialty of each one of the new faculty members were introduced and offered. These are:

- Introduction to Marine Science (3 cr.)
- Conservation biology (3 cr.)
- Marine environmental physiology (3 cr.)
- Nucleic acid structure and function (3 cr.)

A freshman Biology course “Contemporary Issues in Biology” was offered for the first time.

The Department prepared and submitted a proposal describing the curriculum for a PhD program in Cell and Molecular Biology that is expected to be launched in the near future. The following new graduate courses were recommended to be added to our current graduate course offerings and a syllabus for each was prepared. The courses are:

- Advanced Biochemistry (3 cr.)
- Molecular Genetics (3 cr.)
- Cellular Biophysics (3 cr.)
- Protein Structure and Function (3 cr.)
- Molecular Biology of Programmed Cell Death (3 cr.)
- Natural Products and Cancer (3 cr.)
- Membranes and Membrane Transport (3 cr.)

The graduate program attracted, this year also, a great number of applicants coming from outside or within AUB. More than 55 applications for graduate studies were received and the quality of the applicants was significantly higher than in previous years

A new graduate study room was established where two computers with Internet access were installed together with printing, photocopying and scanning facilities.

Building of an aquatic Biology lab started.

Work started on establishing a computer lab housing around 20 PCs.

The Natural History Museum has experienced tangible and major improvements during this academic year.

The equipment ordered on the ASHA Grant have all been received and allocated to their proper places and/or functions, and were utilized to maintain, renovate, digitize,

document or store the various Museum specimens. Databases of records and images have been and are still being developed for all the Museum specimens. Work has started on organizing and updating the marine collection.

## **B. PERSONNEL**

### **1. Faculty Members**

Baydoun, Elias	Ph.D.	Professor
Safieh-Garabedian, Bared	Ph.D.	Professor
Darwiche, Nadine	Ph.D.	Associate Professor
Gali-Muhtasib, Hala	Ph.D.	Associate Professor
Knio, Khuzama*	Ph.D.	Associate Professor
Kreydiyyeh, Sawsan	Ph.D.	Associate Professor and Chairperson
Talhok, Rabih	Ph.D.	Associate Professor
Bariche, Michel	Ph.D.	Assistant Professor
Harakeh, Steve	Ph.D.	Assistant Professor
Khattar, Medhat**	Ph.D.	Assistant Professor
Saoud, Imad	Ph.D.	Assistant Professor
Smith, Colin	Ph.D.	Assistant Professor
Sadek, Riyad	Ph.D.	Lecturer
Tarraaf, Charbel	Ph.D.	Lecturer
Hajjar, Layanne	M.S.	Instructor
Rizkallah, Hind	M.S.	Instructor
Sinno Saoud, Nada	M.S.	Instructor

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\* First Semester, Leave without Pay

\*\*Second Semester, Paid Research Leave, (William and Flora Hewlett Foundation Grant)

### **2. Research Assistants**

Abou-Ltaif, Ghada	B.S.
Abi-Mosleh, Lina	M.S.
Diab-Assaf, Mouna	Docteur en Pharmacologie
Deeb, Taha	B.S.
El-Najjar, Nahed	B.S.
Gharib, Chadi	B.S.
Khalifeh, Jihan	B.S.
Markossian, Sarine	M.S.
Saba, Rosaline	B.S.
Yassine, Hadi	M.S.
Zournajian, Houry	B.S.

### **3. Graduate Assistants**

Abou Tayyoun, Ahmad	Fostok, Sabrine <sup>2</sup>
Abou El Ardat, Khalil <sup>2</sup>	Hodefy, Rawad
Aboul Hosn, Loubna <sup>2</sup>	Itani, Wafica
Al Ayyoubi, Sahar	Jaber, Dana
Alwan, Nisreen	Mansour, Dalia
Alaouie, Rima	Mokalled, Mayssa
Al-Jouni, Ali <sup>1</sup>	Moukadem, Hiba
Bazzi, Samer <sup>1</sup>	Mroue, Rana
Chalfoun, Antoine	Nassar, Lana <sup>1</sup>
Deeb, Taha <sup>1</sup>	Rahhal, Omar
Doueiri, Rami <sup>2</sup>	Riman, Sara
El-Hajj, Ziad <sup>2</sup>	Saab, Fadi <sup>1</sup>
El-Khoury, Myriam	Saleh, Imane
El-Bana, Sara	Skayian, Yester <sup>1</sup>
El-Najjar, Nahed <sup>2</sup>	Zeinieh, Michele <sup>2</sup>
Fernainy, Pamela <sup>1</sup>	Zouheiri, Omar

### **4. Non-Academic Staff**

Assad, Najeh	- Lab Aide
Bandikian, Anny	- Secretary
Hannoun, Victor	- Store-keeper
Ibrahim, Hana	- Senior Lab Technician
Masri, Imad	- Assist. Technician

## **C. TEACHING**

### **1. Number of Graduating Majors**

B.S.	- Oct. 2003 - 13
	- Feb.2004 - 10
	- June 2004- 120
M.S.	9

### **2. Number of Biology Majors**

Graduates	34
Seniors	143

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<sup>1</sup> First Semester only

<sup>2</sup> Second Semester only

Juniors	157
Sophomores	193

### **3. Student Enrollment in Courses**

	<b>Summer 2003</b>	<b>1<sup>st</sup> Sem.</b>	<b>2<sup>nd</sup> Sem.</b>	<b>Total</b>
Courses numbered 300 & above (399)		80	83	163
Courses numbered 211 thru 299	70	624	648	1342
Courses numbered 200 thru 210	30	542	396	968
Courses numbered below 200	-	85	55	140
	100	1331	1182	2613

### **4. Number of Credit Hours Offered**

Courses numbered 300 & above	-	21	18	39
Courses numbered 211 thru 299	15	55	55	125
Courses numbered 200 thru 210	8	15	15	38
Courses numbered below 200	-	7	6	13
	23	98	94	215

## **D. RESEARCH**

### **Bariche, Michel**

1. Bariche, M., 2004. Age and Growth of Lessepsian rabbitfishes from the eastern Mediterranean.. Submitted for publication (*Journal of Applied Ichthyology*).
2. Bariche, M. Diet of the Lessepsian fishes, *Siganus rivulatus* and *Siganus luridus* (Siganidae) in the eastern Mediterranean: A synthesis. Submitted for publication (*Cybiu*).
3. Bariche, M., \*Trilles, J.-P. Cymothoid (Crustacea; Isopoda) parasitic of marine species from Lebanon (Annotated preliminary list). Submitted for publication (*Zoology in the Middle East*).
4. Bariche M., Sadek R., \*Harmelin-Vivien M. & \*Quignard J.-P., 2004. Fecundity and condition of two Lessepsian siganid fishes in the eastern Mediterranean Sea. (Université Montpellier II, Montpellier, France). Submitted for publication (*Journal of Fish Biology*).
5. Biodiversity in the pelagic fisheries of the Lebanese coastal waters. Research conducted in collaboration with Drs. Sadek R. (Biology, AUB), El-Fadel M. (Civil Engineering, AUB). Funded by the United States Agency for International Development (USAID). Work in progress.

6. Diet of the Indo-Pacific blue spotted-cornet fish *Fistularia commersonii* a Suez Canal migrant to the eastern Mediterranean. Research conducted in collaboration with Miss El-Assi H. (Masters, Interfaculty Graduate Environmental Science Program, AUB) and Dr. Zurayk R. (Soil Irrig. & Mechan., AUB). Work in progress.
7. Distribution, size and abundance of the blue-spotted cornetfish, a recent invader of the eastern Mediterranean Sea. Funded by URB seed grant. Research in progress.

### **Baydoun, Elias**

1. Ayoub, G., Saikaly, P., El-Fadel, M., **Baydoun, E.** 2004. The impact of step-feed on COD and BOD<sub>5</sub> removal in rotating biological contactors. *Environmental Engineering Science*. In press.
2. Cumming, CM., Rizkallah, HD., McKendrick, KA., Abdel-Massih, RM., **Baydoun, EAH**, Brett, CT. 2004. Biosynthesis and cell-wall assembly of a pectin xyloglucan complex in pea. In preparation for submission to *Planta*.
3. Purification and significance of assemblins, proteins controlling plant-cell-wall assembly. Supported by URB. Research in progress.
4. Control of phenol cross-linking in cell walls of food plants. Research in progress.

### **Darwiche, Nadine**

1. **Darwiche, N.**, Bazzi, H., El-Touni, L., Abou-Lteif, G., Maalouf, S., and Gali-Mohtasib, H. Regulation of Ultraviolet B Radiation-Mediated Activation of AP-1 Signaling by Retinoids in Primary Keratinocytes. Submitted for publication (*Radiation Research*).
2. **Darwiche, N.** Mechanism of N-(4-Hydroxyphenyl) Retinamide (HPR)-Induced Growth Arrest and Apoptosis in Human T Cell Lymphotropic Virus Type I-Transformed Cells and Malignant T Cell Lines. Work carried out in collaboration with Dr. Ali Bazarbachi, and Dr. Ghassan, Dbaibo, FM. Supported by URB and LNCSR. Research in progress.
3. **Darwiche, N.** Anti-Tumor Activities of Extracts from Indigenous Lebanese Plants Using a Murine *In Vitro* Model of Squamous Cell Carcinogenesis. Funded by the Initiative for Biodiversity Studies in Arid Regions (IBSAR). Research in progress.

### **Gali-Muhtasib, Hala**

1. **Gali-Muhtasib, HU**, Diab-Assaf, M, \*Boltze, C, Al-Hmaira, J, \*Hartig, R,\*Roessner, A. and \*Schneider-Stock R. Thymoquinone extracted from black seed triggers apoptotic cell death in human colorectal cancer cells via a p53-dependent mechanism. *International Journal of Oncology* 25. In press.
2. Harakeh, S., Diab-Assef, M, El-Sabban, M, Haddadin, M, **Gali-Muhtasib, H.** Inhibition of proliferation and induction of apoptosis by 2-benzoyl-3-phenyl-6,7-



- dichloroquinoxaline 1,4-dioxide in adult T cell leukemia cells. *Chemico-Biological Interactions*. In press.
3. **Gali-Muhtasib, HU**. Cyclin Dependent Kinase Inhibitors from Natural Sources: Recent Advances and Future Prospects for Cancer Treatment. In: *New Trends in Research Strategies on Lead Molecules from Natural Products*. M.T. Khan (Ed.), Elsevier Publishers. In press.
  4. **Gali-Muhtasib, HU**. Anticancer and Medicinal Properties of Essential Oil and Extracts of East Mediterranean Sage (*Salvia triloba*). In: *New Trends in Research Strategies on Lead Molecules from Natural Products*. M.T. Khan (Ed.), Elsevier Publishers. In press.
  5. **Gali-Muhtasib, HU** and \*Schneider-Stock, R. The Medicinal Potential of Black seed (*Nigella sativa*) and its Components. In: *New Trends in Research Strategies on Lead Molecules from Natural Products*, M.T. Khan (Ed). Elsevier Publishers. In press.
  6. **Gali-Muhtasib, HU**, Diab-Assaf, M. and Haddadin, MJ. Quinoxaline 1,4-dioxides induce cell cycle arrest, apoptosis and changes in transforming growth factors and extracellular signal-regulated kinase expression in human colon cancer cells. Submitted for publication.
  7. Darwiche, N, Bazzi, H, El-Touni, L, Abou-Lteif, G, Hatoum, A, Maalouf, S, **Gali-Muhtasib H**. Regulation of ultraviolet B radiation-mediated activation of AP-1 signaling by retinoids in primary keratinocytes. Submitted for publication.
  8. Schneider-Stock, R, Diab-Assef, M, Rohrbeck, A, Boltze Carsten, Hartig, R, Schönfeld, B., Roessner, A, **Gali-Muhtasib, H**. 5-Aza-cytidine is a potent inhibitor of DNA methyltransferase 3a and induces apoptosis in HCT116 colon cancer cells via Gadd45- and p53-dependent mechanisms. Submitted for publication.
  9. Evaluation of the mechanism of the radiosensitizing effects of 2-benzoyl-3-phenyl-6,7-dichloroquinoxaline 1,4-dioxide. Supported by URB. Research in progress.
  10. Evaluation of the radiosensitizing effects of quinoxaline 1,4-dioxides. Supported by LNCSR. Research in progress.
  11. Bioprospection: an alternative for sustainable agricultural development in Lebanon. Funded by the Mercy Corps/ Lebanon Program and USDA. Research in Progress.
  12. Mechanisms of colon cancer inhibition by plant tannins: effect on colon cancer cell lines. Funded by CEDRE. Research in Progress.
  13. Evaluation of Thymoquinone's Therapeutic Effects against Colon Cancer. Funded by DFG (Deutsche Forschungsgemeinschaft). Research in Progress.

### **Harakeh, Steve**

1. **Harakeh, S.**, Diab-Assaf, M., El-Sabban M., Haddadin, M., Gali-Muhtasib, H., Inhibition of proliferation and induction of apoptosis by 2-benzoyl-3-phenyl-6, 7-dichloroquinoxaline 1, 4-dioxide in adult T-cell leukemia cells. *Chemico-Biological Interactions*. Funded by URB. In press.

2. Barbour, E.K., Sagherian, V. Talhouk, R., Talhouk, S. and **Harakeh, S.** Cell-immunomodulation against *Salmonella enteritidis* in herbal extracts-treated broilers. *Journal of Applied Research in Veterinary Science*. Funded by IBSAR Ohio Grant. In press.
3. Barbour, E.K., Sagherian V., Talhouk, S., Farran, M.T., Sleiman, F.T., and **Harakeh, S.** Evaluation of Homeopathy in broilers exposed to live viral vaccines and administered Calendula officinalis extract, *Medical Science Monitor journal*. Funded by IBSAR Ohio Grant. In press.
4. **Harakeh, S.**, H. Yassine, M. Gharios, E. Barbour, C. Hajjar, M. El-Fadel, R. Tannous, Isolation, Molecular Characterization and Antibiotic Resistance patterns of Salmonella and Escherichia coli Isolates from Meat-Based Fast Food in Lebanon. Submitted to *The Science of the Total Environment*. Funded by URB and USAID.
5. Gharios, M., E. Barbour, R. Tannous & **S. Harakeh**. Microbiological Quality of Selected Lebanese Fast Food Containing Meat. Submitted to *Journal of Food Protection*. Funded by URB and USAID.
6. **Harakeh, S.**, Diab-Assaf, M., El-Sabban, M., Crooks, P., Gali-Muhtasib. H., Apoptotic effects of thymoquinone in HTLV-1 positive and negative malignant T-cells. To be submitted to *Anti-viral research*. Funded by URB and IBSAR Ohio Grant.
7. Harakeh, S., Afifi, R.A., Cortbawi, H., Abbas, O., Accauoi, R., Bendaley, E., Hakim, W., Kadri, A., Msroujeh, R., K. Abou-El-Ardat, Obeid, M., Shatila, K., Physicians' knowledge, attitude and behavior regarding "Mad Cow Disease". Submitted to *Journal of Food Protection*.
8. The Effects of Novel Compounds on Proliferation and Induction of Apoptosis in human T-cell lymphotropic virus type 1 (HTLV-1): Work in progress.  
This project evaluates the efficacy of four different antioxidants, ascorbic acid, L-lysine, green tea extract and a combination of the three in a formulation called Epican , and two other compounds (2-benzoyl-3-phenyl-6, 7-dichloroquinoxaline 1, 4-dioxide (DCQ) and thymoquinone) on cell cycle arrest using HTLV-1 transformed cells and malignant cell lines as a model. Funded by URB and Mathias Rath.Inc.
9. Antibiotic and Heavy Metal Resistance of Naturally Occurring Bacteria in Water and Food and the Underlying Mechanism: Work in progress.  
The aim of this project is to molecularly characterize bacteria isolated from the environment (waters, sandwiches, foods, milk derived products.), test their resistance to antibiotics and understand the underlying mechanism for such a resistance.
10. Evaluation of the microbiological and chemical contamination status of the marine environment in Lebanon. Work conducted in collaboration with Dr. E. Johnston, Biology Department, University of New South Wales. Part of the work on the isolation of the bacteria from the marine environment was financed by a project on the participatory approach towards integrated coastal zone management in Lebanon: Opportunities for socio-economic growth and environmental protection which ended in December 2003. Funded by URB

### **Khattar, Medhat**

1. Addinall, S.G., Small, E., Whitaker, D., Sturrock, S., Donachie, W.D. and **Khattar, M.M.** 2004. New temperature-sensitive alleles of *ftsZ* in *Escherichia coli*. *Journal of Bacteriology*. Submitted.
2. Identification of the gene(s) responsible for the division phenotype new division mutants of *Escherichia coli*. Supported by URB. Work in progress. Persons involved: Rima Alaouie & Dalia Mansour (graduate students)
3. Isolation of suppressors of new *ftsZ* mutants in *Escherichia coli*. Supported by URB. Persons involved: Ziad El-Hajj (graduate student). Work in progress.
4. The role of *ftsW* in the transition of *Escherichia coli* from a rod to a sphere. Supported by URB. Persons involved: Dalia Mansour (graduate student). Work in progress.

### **Knio, Khouzama**

1. Insect diversity in selected sites of the Lebanese coast. Funded by the Darwin Project. Paper in preparation.  
This study investigates the diversity of phytophagous insects in association with plant diversity, in five selected sites of the Lebanese coast. Joint project with Dr. Salma Talhouk.
2. Larvicidal properties of plant essential oils against mosquito larvae. Work in progress. Funded by URB grant. Joint project with Dr. S. Dagher and Dr. S. Kreydiyyeh.  
This study investigates the toxic effects on *Aedes caspius* mosquito larvae of essential oils extracted from plants endemic to the Middle East. Oil extracts of cinnamon, anis, bitter lemon fruit peels, bitter lemon leaves, coriander, thyme, parsley, and clove were tested against the fourth instars of *A. caspius*.
3. Comparative studies of the cryptic fruit flies, *Chaetostomella cylindrica* and *C. lurida*, infesting thistles in Lebanon. Work in progress. Knio, K. and M. Al Zein.  
This research project involves the redescription of *Chaetostomella lurida*, and its comparison with its sympatric and cryptic species, *C. cylindrica*, involving morphological, genetic, and behavioral studies of the two closely related species.

### **Kreydiyyeh, Sawsan**

1. Anwar B. Bikhazi, May M. Skouri, Darine S. Zwainy, Abdo R. **Sawsan I. Kreydiyyeh**, David E. Smith\*, Karine Audette\*, Danielle Jacques\*.  
Effect of Diabetes-Mellitus and Insulin on the Regulation of PepT 1 Symporter in Rat Jejunum. *Molecular Pharmaceutics*. In press.  
This work studied the effect of insulin-dependent-diabetes mellitus on the absorption of Glycyl-Sarcosine (Gly-Sar) from rat jejunum. The uptake of the dipeptide was shown to necessitate an intact cytoskeleton and was significantly reduced in the diabetic state, but improved upon insulin treatment, even though hyperglycemia was not fully corrected. The results suggest that insulin interferes

- directly in the translocation of the PepT1 transporters from a cytoplasmic pool to the membrane.
2. **Kreydiyyeh, SI** and Markossian, S. TNF- $\alpha$  down-regulates the Na<sup>+</sup>-K<sup>+</sup>ATPase and the NaK2Cl cotransporter in the rat kidney. Submitted.  
This work demonstrated a decrease in the activity and protein expression of the Na<sup>+</sup>-K<sup>+</sup>ATPase in the kidney cortical and medullary cells prepared from rats treated with TNF- $\alpha$ . The effect was mediated via PGE2. The cytokine caused also down-regulation of the Na<sup>+</sup>/K<sup>+</sup>/2Cl<sup>-</sup> cotransporter through a PGE2-independent mechanism. Funded by URB.
  3. Markossian,S. and **Kreydiyyeh, SI**. TNF- $\alpha$  down-regulates the Na<sup>+</sup>-K<sup>+</sup>ATPase and the Na<sup>+</sup>/K<sup>+</sup>/2Cl<sup>-</sup> cotransporter in the rat colon via PGE2. Funded by URB. Submitted.  
This work demonstrated a TNF- $\alpha$  –induced decrease in net water and chloride absorption ascribed to a down-regulation of the Na<sup>+</sup>/K<sup>+</sup>/2Cl<sup>-</sup> co-transporter and the Na<sup>+</sup>/K<sup>+</sup> ATPase.
  4. **Kreydiyyeh, SI** and Markossian. Effect and mode of action of PGE2 on water absorption from the rat colon. S. Funded by URB. Paper in preparation.  
PGE2 was shown to exert dose-variable effects on colonic water absorption. Changes in water transport were ascribed to changes in Na<sup>+</sup>-K<sup>+</sup> ATPase activity and the type of PGE2 receptor activated.
  5. **Kreydiyyeh, SI** and Hodefy, R. Effect of amiloride and furosemide on PGE2-induced decrease in water absorption from the colon. Funded by URB. Work in progress.  
The work studies the involvement of the Na<sup>+</sup>/H<sup>+</sup> and Na<sup>+</sup>/K<sup>+</sup>/2Cl<sup>-</sup> transporters in the decrease in colonic water absorption induced by PGE2.
  6. **Kreydiyyeh, SI** and Skayan, Y. Effect and mechanism of action of TNF- $\alpha$  on the Na<sup>+</sup>-K<sup>+</sup>ATPase of cardiac myocytes. Funded by URB. Work in progress.  
This work studies the effect of TNF- $\alpha$  on the activity of the Na<sup>+</sup>-K<sup>+</sup> pump and tries to delineate its mechanism of action.
  7. **Kreydiyyeh, SI**, and Riman, S. The signal transduction pathway that mediates the effect of PGE2 on the Na<sup>+</sup>-K<sup>+</sup>ATPase in LLC-PK<sub>1</sub> cells. Funded by URB. Work in progress.  
This work aims at studying the effect of PGE2 on the activity and protein expression of the Na<sup>+</sup>-K<sup>+</sup> ATPase and at determining the type of receptors and signaling pathway involved.

### **Rizkallah, Hind**

1. Properties of a Pectin-Xyloglucan Complex formed in the Pea Golgi apparatus. Rizkallah, HD., Baydoun, EA-H., Brett, CT. Research in progress.

### **Sadek, Riyad**

1. Bariche, M., **Sadek, R.**, \*Harmelin-Vivien M. & \*Quignard, J.-P., 2004. Fecundity and condition of two Lessepsian siganid fishes in the eastern Mediterranean Sea. *Journal of Fish Biology*. Submitted for publication.

2. **Sadek, R.A.**, Knio, K., Baydoun, E., Hraoui-Bloquet, S. and Zreik K. 1999. Comparison between populations of *Lacerta laevis* and *L. cf. Kulzeri* in Lebanon using allozyme electrophoresis. In preparation.
3. **Sadek, R.A.**, Hraoui-Bloquet, S. 1999. Thermal and feeding ecology of high altitude populations of the skink *Mabuya vittata* in Lebanon. In preparation.
4. A survey and ecological study of Lebanese amphibians and reptiles with a concentration on the ecology of some frogs and toads. Work in progress.
5. Biodiversity in the pelagic fisheries of the Lebanese coastal waters. Conducted in collaboration with Dr. Michel Bariche (Biology Dept.) and Dr. Motassem El-Fadel M (Civil Engineering Dept.). Funded by the United States Agency for International Development, USAID. Work in progress.

### **Safieh-Garabedian**

1. Talhouk, R.S., Saadé, N.E., Mouneimne, G., Masaad, C.A. **Safieh-Garabedian B.** 2004. Growth hormone releasing hormone reverses endotoxin-induced localized inflammatory hyperalgesia without reducing the upregulated cytokines, nerve growth factor and gelatinase activity. *Prog. Neuropsychopharmacol. Biol. Psy.* In press.
2. **Safieh-Garabedian, B.**, Haddad, J.J. and Saadé, N.E. Cytokines in the central nervous system: Targets for therapeutic intervention. *Current Drug Targets: CNS and Neurological Disorders*. Submitted.
3. Masaad, C.A., **Safieh-Garabedian B.**, Poole, S., Atweh, S.F., Jabbur, S.J. and Saadé, N.E. Involvement of substance P, CGRP and histamine in the hyperalgesia and cytokine upregulation induced by intraplantar injection of capsaicin in rats. *J. Neuroimmunology*. Submitted.
4. Nouredin, B., Al-Haddad, C.E. and **Safieh-Garabedian, B.** Thymulin and nerve growth factor (NGF) levels in patients with open angle glaucoma (OAG). *Am. J. Ophthalmol.* Submitted.
5. Safieh-Garabedian, B. The role of thymulin in regulating IL-10 production in animal models of inflammation. Ongoing project. Funded by URB.
6. Safieh-Garabedian, B. The protective role of IL-10, IL-13 and thymulin in both *in vivo* and *in vitro* models of neuroinflammation. Funded by LNCSR. Project in its initial exploratory stage.

### **Saoud, Imad**

1. Davis, D.Allen \* and **I.P. Saoud.** Nutritional considerations for *Litopenaeus vannamei* reared in inland low salinity waters. Submitted to *Global Aquaculture Advocate*.
2. **Saoud, I. P.**, G. Wu\*, D. A. Davis\* and R. Phelps\*. Evaluating the benefits of size sorting tilapia fry before stocking. Submitted to *Aquaculture*.
3. **Saoud, I. P.** Why keep your southern ponds fallow! Raise Yellow Perch. Submitted to *World Aquaculture*.
4. **Saoud, I.P.**, Davis, D.A. and Roy, L. Studies on Osmoregulatory processes in Penaeid shrimp. Work in progress.

5. **Saoud, I.P.** and Davis, D.A. Interaction of Dietary Betaine, Methionine and Choline in aquatic organisms. Work in progress.
6. **Saoud, I.P.** and Batal, M. Studying seasonal influence on nutritive value of herbivorous and carnivorous marine fish. Work in progress.
7. **Saoud, I.P.** and Bariche, M. Evaluating culture requirements of *siganid* fish. Work in progress.

### **Saoud, Nada**

1. Distribution and taxonomy of *Anemone coronaria* and its variants. Conducted in collaboration with Dr. Stephen Jury (University of Reading) and Dr. Khuzama Knio (AUB). Work in progress.

### **Talhok, Tabih**

1. **Talhok, R.S.**, Elble, R., Bassam R., Daher M., Sfeir A, El-Khoury H, Hamoui, S, Pauli, B and M. E. El-Sabban. 2004. Developmental expression patterns and regulation of connexins in the murine mammary gland: Expression of connexin30 in lactogenesis. *Exp Cell Research*. In press.
2. **Talhok, R.S.**, Saade' N, Mouneimne G.M., Masaad, C.A., Safieh-Garabedian, B. 2004. Growth hormone releasing hormone reverses endotoxin-induced localized inflammatory hyperalgesia without reducing the upregulated cytokines, NGF, and gelatinase activity. *Prog Neuro-Psychopharm & Biol Psych*. In press.
3. Barbour, E.K., Mohammed Farran, Daoud Elias, Ghida Banat, and **Rabih Talhok**. 2004. A new Animal Welfare-molting approach maintaining immunity in commercial layers. *World Poultry, Netherland*. In press.
4. Barbour, E. K., Afif Abdel Nour, **Rabih Talhok**, and Mohammed Farran. 2004. Thermostabilizers in Poultry live vaccines. *World Poultry, Netherlands*. In press.
5. **Talhok, R.S.**, Tarraf, C.G., A. Shaito, L. Kobrossy, S. Bazzi, El-Sabban, M. (2004). Modulation of Cx43 and gap junctional intercellular communication by androgens in the rat polycystic ovary and in granulosa cells in vitro. Submitted.
6. Barbour, E.K., Sagherian, V.K., **Talhok, R.S.**, and Talhok, S.N. Cell-immunomodulation against *Salmonella* Enteritidis in herbal extracts-treated broilers. Submitted to *J. Applied Research in Veterinary Medicine*.
7. Barbour, E.K., Al-Sharif, M., Sagherian, V.K., Habre, A.N., **Talhok, R.S.**, and Talhok, S.N. Screening of selected indigenous plants of Lebanon for antimicrobial activity. Submitted to *J. of Ethnopharmacology*.
8. **Talhok, R.S.**, Karam, C., El-Jouni, W., and Barbour, E.K. Anti-inflammatory Bioactivities in Plant Extracts. *J.of Ethnopharmacology*. Submitted.
9. Barbour, E.K., Sagherian, V., Talhok, S., **Talhok, R.**, Farran, M., Sleiman, F.T. and Sabra, R.. Evaluation of homeopathy in broilers exposed to live viral vaccines and administered *Calendula officinalis* extract. Submitted to *Medical Science Monitor Journal*.

10. Barbour, E.K., Al-Sharif, M., Sagherian, V., **Talhok, S.**, Talhouk, R., and Saliba, R. Antimicrobial and Immunopotential Activities of Lebanese Herbal Extracts. In preparation.
11. Talhouk, R.S., El-Jouni, W., Baalbaki, R., Mohtaseb, H., **Talhok, S.**, and Barbour, E.K. Anti-inflammatory and analgesic properties of *Centaurea aintensis* aqueous extracts. In preparation.

### **Tarraf, Charbel**

1. **C. Tarraf**, M. El-Sabban, and R. Talhouk, and N. Daou. Characterization of membrane-associated guanylate kinase homologs (maguks) in granulosa cells of the rat ovary. In preparation.  
The aim of this study is to identify the MAGUKs that are possibly associated with connexin-43 in rat granulosa cells in vivo and in vitro.

## **E. OTHER STAFF ACTIVITIES**

### **Bariche, Michael**

1. Member of the Natural History Museum Committee.
2. Worked on the curation and re-identification of the marine collection of the AUB Museum of Natural History (Department of Biology).
3. A collaborator for the regular update of FISHBASE, a global information system on fishes.  
Froese, R. and D. Pauly. Editors. 2004. FishBase. World Wide Web electronic publication. [www.fishbase.org](http://www.fishbase.org), version (03/2004).
4. Student academic advisor.
5. Co-advisor of Haya El Assi (Masters student, Interfaculty Graduate Environmental Science Program, AUB).
6. Supervised the undergraduate tutorial work of five students Melhem Bou Alwan (Fall 2003) and Stephanie Aftimos; Saria El Haddad; Gael Abou-Ghannam; Nadim Chakhtoura (Spring 2004).
7. Gave a seminar entitled "Diversity of fishes in the Lebanese offshore waters" at: Balamand University (Balamand, 15/1/2004) and Lebanese University (Tripoli, 10/1/2004); the International School (Koura, 5/12/2003); Sanaouiat al Shamal lil Banat (Tripoli, 6/12/2003); Sanaouiat al Malaab al Baladi (Tripoli, 6/12/2003); Evangelical School (Tripoli, 12/12/2003); Bebnine Intermediate Public School for Girls (Bebnine, 19/1/2004), the Seminar series in Environmental Engineering and Science (Faculty of Engineering and Architecture, 31/3/2004).
8. Gave a seminar (24/11/2004) entitled "Lebanese Coastal Biodiversity" for the Landscape Design & Eco-Management LDEM 204, Ecological landscape design
9. Gave a presentation to students from Valley International School (Broumana) before visiting the AUB collection of Natural History (AUB, 20/1/2004).
10. Maintenance of the aquaria in the Department of Biology.

## **Baydoun, Elias**

1. Presented a poster entitled "A nascent pectin-xyloglucan complex formed in the pea Golgi apparatus: arrangement of newly-formed 1,4-B-D-galactan attached to a pectin-xyloglucan complex in peas" at the Annual Meeting of the American Society of Plant Biologists, Honolulu, Hawaii, USA (25-30 July, 2003). Sponsored by URB.
2. Participated in the "International Workshop on the Development of Medicines from Plants which was held at the H.E.J. Research Institute of Chemistry, University of Karachi, Pakistan (8-13 September, 2003).
3. Participated in the TWAS 9<sup>th</sup> General Conference and 14<sup>th</sup> General Meeting, Beijing, China (10-16 October, 2003).
4. Participated in the Pakistan Medical research Council and COMSTECH Workshop on Bioethics, Islamabad, Pakistan (12-13 March, 2004).
5. Participated in the COMSATS workshop on "South-South and South-North Collaboration: Present scenario and Future Prospects), Islamabad, Pakistan (12-13 March, 2004).
6. Participated in the "Meeting of Interacademy Panel", Islamabad, Pakistan (16-17 March, 2004).
7. Presented a poster entitled "Cell-wall matrix assembly: nascent pectin and xyloglucan are linked together in the Golgi apparatus during synthesis" at the Annual Main Meeting of the Society for Experimental Biology, Edinburgh, UK (29 March - 2 April 2004).
8. Arranged for the invitation of Professor C. Fry from the University of Edinburgh to the Department of Biology under the "Visiting Scholar Program" sponsored by URB. (September 19-October 1, 2003).
9. Arranged for the invitation of Dr. Christopher Brett from the University of Glasgow during the periods 1-8 December, 2002 and 24-28 March, 2004.
10. Was invited by UNDP to participate in the Follow-Up Meeting to examine the recommendations contained in the Second Arab Human Development Report (AHDR 2) entitled: "Building a Knowledge Society", Beirut, Lebanon (20-21 February, 2004).
11. Supervisor of a PhD student in collaboration with the University of Glasgow and of four MSc students.
12. Served as referee for Abdul-Hameed Shoman Prizes for Young Arab Researchers for the year 2002.
13. Served on the TWAS Membership Committee in Biology.
14. Served as Interim Secretary for the Biology Department during the First Semester 2003-2004.
15. Served as a member of the *ad hoc* Committee to prepare the PhD proposal for the Biology Department.
16. Attended WebCT workshop session organized by ACC.
17. Member of the University Senate.
18. Member of the FAS advisory Committee.
19. Member of COSTED-AraBN.
20. Member of the Biochemical Society.



21. Fellow of the Institute of Biology.
22. Fellow of the Third World Academy of Sciences.
23. Founding Fellow and Secretary General of the Arab Academy of Sciences.

### **Darwiche, Nadine**

1. Member of the Central Research Science Laboratory Committee of the FAS.
2. Member of the University Senate Library Committee of the Faculty of Arts and Sciences.
3. Member of the Faculty of Arts and Sciences Graduate Committee, American University of Beirut, Lebanon.
4. Member of the Interfaculty Graduate Program in Nutritional Sciences.
5. Member of the Initiative for Biodiversity Studies in Arid Regions (IBSAR).
6. Academic Advisor (Biology Department).
7. Member of the Biology Department Ph.D. committee Ph.D.
8. Supervised the MSc. thesis projects of. Mr. Humam Kadara entitled “Mechanisms of HPR-Induced Cell Death in HTLV-I Transformed Cells and Malignant T-Cells.” Graduated in July 2003.
9. Supervised the MSc. thesis projects of. Mr. Tarek Najdi entitled “Mechanism of HPR- Induced Cell Death in HTLV-I Transformed Cells and Malignant T-Cells: Role of Ceramide.” Graduated in July 2003.
10. Currently supervising the MSc. thesis projects of Mr. Ahmad Abou Tayyoun, Ms. Myriam El-Khoury, and Mr. Rami Doueiri.
11. Member of the committee of the MSc. thesis of Mr. Raja A Aldeen, Ms. Rania A Maroun, Ms. Pamela Fernainy, and Ms. Nahed El-Hajjar.
12. Conducted research in the laboratory of Dr. Adam Glick, Laboratory of Cellular Carcinogenesis and Tumor Promotion, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.(Summer 2003), (Feb 2004). Supported respectively by a Long and a Short -Term Faculty Development grants from the University. Research Board of the American University of Beirut, Lebanon.

### **Gali-Mohtasib, Hala**

1. Awarded the 1<sup>st</sup> prize of Suad al-Sabbah Award for best research manuscript.
2. Conducted research at the Otto-von-Guericke University of Magdeburg collaboration with Dr. Regine Schneider-Stock (Department of Pathology and Molecular Genetics) on the role of thymoquinone in colon cancer prevention. (Supported by a Long Term Faculty Development grant from the University Research Board).
3. Presented a poster at the 94<sup>th</sup> Annual Meeting of the American Association for Cancer Research, July 2003.
4. Presented a seminar on “Therapeutic effects of plant extracts against colon cancer, mechanistic *in vitro* studies and confirmation in *in vivo* DMH mouse model”, at the Otto-von-Guericke University of Magdeburg, Aug. 2003
5. Presented a research seminar on the anticancer effects of medicinal herbs from Lebanon. IBSAR, AUB, Beirut, Lebanon, Jan. 2004.

6. Presented a research seminar on Initiative for Biodiversity Studies in Arid Regions: Report of research committee, AUB, Beirut, April 2004
7. Helped organize Lebanon's 1<sup>st</sup> National workshop: Introduction of the Cartagena Protocol on Biosafety, Rotana Hotel, Beirut, April 2004
8. Gave a seminar entitled "Cooperative Programmes in Capacity Building, Research & Development and Data Management", Lebanon's 1<sup>st</sup> National workshop, April 2004.
9. Participated in a workshop on the power of problem-based learning presented by Prof. G. Watson, University of Delaware, AUB, April 22, 2004.
10. Participated in the Middle East Medical Assembly (MEMA), May 2004.
11. Reviewed papers for the Journal of Drug Discovery Today.
12. Supervised the MSc. thesis project of Mr. Wassim AbouKheir, graduated in July 2003.
13. Supervisor of a PhD student in collaboration with University of Toledo and of 5 MSc. students; member of the MSc. thesis committee of 2 MSc. students.
14. Served as Freshman advisor.
15. Member of AUB University Senate.
16. Member of the Faculty of Arts and Sciences Admissions Committee
17. Member of the Ad-hoc committee to review the performance of "Malek" in managing the campus bookstore.
18. Member of the Medical Admissions Committee
19. Member of the Institutional Animal Care and Use Committee (IACUC)
20. Member of the Executive committee of IBSAR (Initiative for Biodiversity Studies in Arid Regions)
21. Member of the Interfaculty Coordinating Committee of the Graduate Program in Environmental Sciences.

### **Hajjar, Layane**

1. Supervised the reorganization of the Natural History Museum displays.
2. Organized guided tours of the Natural History Museum in the biology department for the following schools.
  - a. German School 31 students
  - b. Al Mustapha schools (5 different schools) 330 students
  - c. Valley International School 20 students
  - d. ACS Nursery 40 students
3. Organization of guided tours to the Natural History Museum for 280 students from different schools as part of the Career Fair organized by AUB in March 2004.

### **Harakeh, Steve**

1. Member of the University Institutional Bio-safety Committee, Spring 2004 to present.
2. Member of the Administrative committee at FAS, Fall 2002 to present.
3. Served as Judge for student's projects in the "Seventh Annual Science, Mathematics and Technology Fair" 2004.

4. Presented two posters at the American Society for Microbiology. New Orleans May, 2004.:
  - **S. Harakeh**, M. Diab-Assaf, A. Niedziecki, J. Khalife, K. Abu-El-Ardat, W. Roomi, M. Rath. Anti-proliferative Effects of Antioxidants using HTLV-1 Positive and Negative Malignant T-cells.
  - **S. Harakeh**, M. Diab-Assaf, M. El-Sabban, M. Haddadin, H. Gali-Mohtasib. Apoptotic Effects of 2-benzoyl-3-phenyl-6, 7-Dichloroquinoxaline 1, 4-dioxide in HTLV-1 Positive and Negative Malignant T-cells.
5. Interviewed by the BBC in October 2003: Lebanon's Turning Ex-Pat-Tide: Brain Drain.
6. Gave lectures on Pollution of the ecosystem by microorganisms at the following high schools:
  1. Bishmezzine High School, Private:
  2. El Qubbeh High School, Public: (December 2003).
  3. Al Haddadeen High School for Boys, Public: (December 2003).
  4. Bibnine School for Girls: (January 2004).
7. Gave the following lectures at Balamand University:
  - Harakeh, S.; Fisherman's Port: Water Quality. Workshop on Coastal Zone Management in Lebanon. Organized by AUB and the University of Balamand. January 10, 2004.
  - Harakeh, S.; Environmental management. Workshop on Coastal Zone Management in Lebanon. Organized by AUB and University of Balamand. January 15, 2004.

### **Khattar, Medhat**

1. Presenter at the 8th annual Science and Math Teachers Conference (SMECVIII), AUB, May 21-22, 2004.
2. Recipient of the William and Flora Hewlett Foundation Grant for paid research leave. (Spring Semester).

### **Knio, Khouzama**

#### University Activities:

1. Member of the Natural History Museum Committee.
2. Member of the USFC Committee.
3. Served as Premedical Advisor for St George University, Grenada.
4. Served as secretary for the Biology Departmental Meetings in Spring 2004.
5. Serving as local advisor for the PhD thesis of Nada Saoud and Mohammad Al Zein.
6. Serving as a member of the ODU/AUB exchange program.
7. Participated in the IBSAR workshop: Prospects for the Identification and Conservation of Biodiversity Rich Areas in Lebanon. February 28, 2004.

#### Museum work:

1. Sorted out, identified to the family level, and added to the insect collection of the NHM, hundreds of insects collected by the students of Entomology (Bio. 286).
2. Sent for identification and received a new box of Hemiptera collection (over 50 spp.) for Dr. Abdul Munim Talhouk.
3. Supervising the curation of the Peyron beetles, and their mounting with new rust-proof pins and transfer to new insect drawers.

#### **Kreydiyyeh, Sawsan**

1. Served as Freshman advisor.
2. Academic advisor for graduate biology students
3. Chaired the departmental ad-hoc committee for the PhD curriculum.
4. Supervised the thesis research work of Miss Sarine Markossian (graduated Summer2003).
5. Currently supervising the thesis research work of 3 M.Sc students.

#### **Sadek, Riyad**

1. Served as a jury member for the evaluation of midterm projects and final year projects of the students of Landscape Design and Ecomanagement in FAFS.
2. Manager of the two “intelligent” lecture rooms in the Biology department each equipped with a computer and an LCD projector.
3. Advisor for the Biology Student Society and supervising their various activities.
4. Chairman of the Committee for the Natural History Museum in the Biology Department. Coordinated, organized and followed up all the equipment orders that were made using funds from ASHA to upgrade, renovate and maintain the collections.

#### **Safieh-Garabedian, Bared**

Invited to give the following 2 lectures:

1. Cytokines, prostaglandin and nerve growth factor interactions in hyperalgesia: implications, at Neuroscience Section, Division of Biomedical Sciences, Queen Mary and Westfield College, University of London, United Kingdom. September 27, 2003.
2. Cytokines in the brain: Targets for therapeutic intervention, at Department of Pharmacology, Chemotherapy and Medical Toxicology, Università Degli Studi Di Milano, Italy. February 6, 2004.

#### Presentations at conferences:

1. Saadé, N.E., Jabbur, S.J., Atweh, S.F. and **Safieh-Garabedian, B.** Cytokines, prostaglandins and nerve growth factor interactions in hyperalgesia. 4th Congress of the European Federation of the International Association for the study of Pain, Prague, September 2-6, 2003. Poster.

2. **Safieh-Garabedian, B.**, Alami, N., Jabbur, S.J., El Sabban, M.E. and Saadé, N.E. The effect of thymulin and anti-inflammatory drugs (AID) on cytokine production induced by endotoxin (ET) in dorsal root ganglion (DRG) neurons. 2003, Society for Neuroscience, 33rd Annual Meeting, New Orleans, November 8-12. Poster.
3. **Safieh-Garabedian, B.**, Abdel Baki, S., Atweh, S.F., Jabbur, S.J. and Saadé, N.E. Spinal Pathways involved in rostral conduction of neuropathic manifestations in rats. 2004, Neuropathic Pain Congress (IASP), Madrid, Spain May 13-16. Poster.
4. Temsamani, J., Abdel Baki, S., **Safieh-Garabedian, B.** and N.E. Saadé. Intracerebroventricular injection of a thymulin analogue peptide attenuates allodynia and hyperalgesia in a rat model of mononeuropathy. 2004, Neuropathic Pain Congress (IASP), Madrid, Spain May 13-16. Poster.

### **Saoud, Imad**

Gave a presentation at the ISEES International Organic Aquaculture Workshop, Minneapolis, MN, USA., July 10 to July 13, 2003.

**I. Patrick Saoud**, and D. Allen Davis 2003. Could Size Sorting of Tilapia before Stocking Help organic Aquaculture?

### **Saoud, Nada**

1. Pursued the reorganization of the Post Herbarium to include the geographical separation of specimens into separate genus folders.
2. Worked on a list compiled by the late Paul Mouterde to find out if any of these specimens are present in the herbarium or if they are nomina nuda.
3. Involved in the preparation, mounting and storage of all the plant specimens collected in the Initiative for Biodiversity Studies in Arid Regions project (IBSAR) and incorporating these specimens in the Post Herbarium.
4. Pursued the repair of a big fern collection presented by Mrs. D. Stuart Dodge in 1889.
5. Worked on scanning the type specimens in the Post Herbarium to be published on the web.
6. Worked on the preparation of a data base for all the herbarium sheets in the Post herbarium to be published on the web.
7. Received a Short term faculty development grant to (Summer 2003) verify if the Post names listed by the late Paul Mouterde (author of Flore de Liban, 1966-1983) are actual types. The work also involved the use of the Scanning Electron Microscope to study the pollen grains of the different samples of *Anemone coronaria* collected in Lebanon.
8. Member of the Natural History Museum Committee.
9. Member of the Post Herbarium Interfaculty Committee.

### **Talhok, Rabih**

Presentations at Scientific Meetings:

1. Presented at the Gordon Research Conference on Mammary Gland Biology, Italy, May 9-14, 2004, a poster entitled “Developmental Expression Patterns and Regulation of Connexins in the Murine Mammary Gland: Expression of Connexin30 in Lactogenesis.” by Talhouk, R.S., Elble, R., Abi Mosleh, L., Mroue, R., Mokalled, M. and El-Sabban, M.
2. Gave a seminar on “Biotechnology Policies, Capacity Building, and Development Strategies in Selected ESCWA Countries. The Case of Lebanon. Forum on Capacity Building through Technology Transfer and Networking”. UN- House, Beirut, March 11-12, 2004.
3. Gave a seminar entitled “Gap junctions’ role in epithelial cell differentiation: The mammary gland, a model tissue” at the Dept. of Biological Sciences, Old Dominion University, Norfolk, Virginia, Oct. 30, 2003.

#### Popular Science Articles/Workshops:

1. Talhouk, R.S. 2003. Career Day, International College, Organized by Office of Student Affairs.
2. Talhouk, R.S. 2003. The Human Genome: A map to the future; interview. Appeared in the “Elm Wa A’alam”. A popular science journal, 3:18-22. Aug, 2003
3. Talhouk, R.S. 2003. Genetics and gene therapy. Seminar organized by Women’s Association of Aitah, Aley, June 20, 2003.

#### Professional Services:

1. Consultant Services to the Economic and Social Commission for Western Asia (ESCWA): *Prepared a 40-50 page report on “A study on Biotechnology Policies, Capacity Building, and Development Strategies in Lebanon”*. February 2004.
2. Talhouk, R. (2004) Biotechnology Policies, Capacity Building, and Development Strategies in Selected ESCWA Countries. The Case of Lebanon. Forum on Capacity Building through Technology Transfer and Networking. UN- House, Beirut, March 11-12, 2004. pp.1-23.
3. Consultant Services to the United Nations Environment Program (UNEP): “Development of the National Biosafety Framework”. Document to be prepared by Drs. Riad Baalbaki, Dima Jamali, Hala Mohatasib, Rabih Talhouk, Salma Talhouk, Maitre Walid Nasser, Junior scientists, Drs. Ali Al Khatib, Elsa Sattout.

#### Service on University Committees and Appointed Posts:

1. AUB University Senate (2003-2006).
2. University Radiation Safety Committee (1997 - present).
3. Advisor, Civic Welfare League (Nov 2000 – present).
4. OUTLOOK advisor (2001 - present).

#### Graduate Students supervised:

Miss Lina Abou Mosleh (Advisor)  
 Mr. Samer Bazzi (Advisor)  
 Mr. Wassim El-Jouni (Advisor)  
 Miss Malak Essiely (Advisor)

Miss Ralda Nehmeh (Advisor)  
Miss Samar Maa'louf (Joint collaboration with OSU)

### **Tarraf, Charbel**

1. Representative of the faculty of Arts and Sciences on the Class Reunion Ad-hoc committee.
2. Safety officer, Biology Department, AUB.
3. Library liaison, Biology Department, AUB.
4. Student academic adviser.
5. M.Sc. thesis committee member for Miss Adele Habr, Department of Animal Sciences, Faculty of Agriculture and Food Sciences.
6. M.Sc. thesis committee member for Mr. Nadim Rawda Al-Baleh, Department of Animal Sciences, Faculty of Agriculture and Food Sciences.
7. M.Sc. thesis committee member for Mr. Amin Ghanem, Department of Animal Sciences, Faculty of Agriculture and Food Sciences.
8. Included on the roster of Lebanese experts on bio-safety, Secretariat of the Ministry of Environment.

## **F. PUBLICATIONS**

### **Bariche, Michel**

#### Articles

1. **Bariche, M.**, \*Harmelin-Vivien M. & \*Quignard J.-P. 2003. Reproductive cycles and spawning periods of two Lessepsian siganid fishes on the Lebanese coast. *Journal of Fish Biology*, **62**:129-142.
2. Bariche, M., 2003. Biology and ecology of two Lessepsian species (*Siganus rivulatus* and *Siganus luridus*, Teleostei Siganidae) on the Lebanese coast. *Cybium*, **27**(1): 52.
3. **Bariche, M.**, \*Letourneur Y. & \*Harmelin-Vivien M. 2004. Temporal fluctuations and settlement patterns of native and Lessepsian herbivorous fishes on the Lebanese coast (eastern Mediterranean). *Environmental Biology of Fishes*, **70**: 81-90.

### **Baydoun, Elias**

#### Articles

1. Haladjian, N., Fayad, R., Toufeili, I., Shadarevian, S., Sidahmed, M., **Baydoun, E.**, Karwe, M. 2003. pH, temperature and hydration kinetics of faba beans (*Vicia faba* L. ). *Journal of Food Processing and Preservation*, **27**: 9-20.
2. **Baydoun, E.**, Pavlencheva, N., Cumming, C., Waldron, K., Brett, C., 2004. Control of diferulate cross-linking in pectins from sugar-beet tissues. *Phytochemistry*, **65**:1107-1115.

## Abstracts

1. Abdel-Massih, R., **Baydoun, E.**, Brett, C. 2003. A nascent pectin-xyloglucan complex formed in the pea Golgi apparatus: Arrangement of a newly-formed 1,4- $\beta$ -D-galactan attached to a pectin-xyloglucan complex in peas. *Proceedings of the American Society for Plant Biologists*, 258.
2. Brett, CT., Cumming, M., Rizkallah, HD., McKendrick, KA, Abdel-Massih, RM, **Baydoun, E.** 2004. Cell-wall matrix assembly: nascent pectin and xyloglucan are linked together in the Golgi apparatus during synthesis. *Proceedings of the Annual Main Meeting of the Society for Experimental Biology*. Comparative Biochemistry and Physiology 137/A, number 3/Supplement, p S185, poster P3/C1.26

## Darwiche, Nadine

### Articles

1. **Darwiche, N.**, Hatoum, A., Dbaibo, G., Kadara, H., Nasr, N., Abou-Lteif, G., Bazzi, R., Hermine, O., de Thé, H. and Bazarbachi, A. 2004. N-(4-Hydroxyphenyl) Retinamide Induces Growth Arrest and Apoptosis in HTLV-I Transformed Cells. *Leukemia*. **18**:607-615.
2. Gali-Muhtasib, H.U., Abou Kheir, W. G., Kheir, L. A., **Darwiche, N.** and Crooks, P.A. 2004. Molecular Pathway for Thymoquinone-Induced Cell-Cycle Arrest and Apoptosis in Neoplastic Keratinocytes. *Anticancer Drugs*. **15** (4):389-399.
3. Kabbout, M., Hatoum, A., Abou-Lteif, G., Chakroun, I., Homaidan, F. and **Darwiche, N.** 2004. Stage-Specific Effect of N-(4-Hydroxyphenyl)Retinamide on Cell Growth in Squamous Cell Carcinogenesis. *Molecular Carcinogenesis*. **40**:12-23.

## Gali-Muhtasib, Hala

### Articles

1. **Gali-Muhtasib, H.U.**, Aboukheir W., Kheir L., Darwiche N., \*Crooks P. 2004. Molecular pathway for Thymoquinone-induced cell cycle arrest and apoptosis in neoplastic keratinocytes. *Anticancer Drugs*. **15** (4): 389-399.
2. **Gali-Muhtasib, H.U.**, Sidani M., Geara F., Assaf-Diab M., Al-Hmaira J., Haddadin M.J., Zaatari G. 2004. Quinoxaline 1,4-dioxides are Novel Angiogenesis Inhibitors that Potentiate Antitumor Effects of Ionizing Radiation. *International Journal of Oncology*. **24**: 1121-1131.

## Abstracts

1. Harakeh, Steve, Mona Diab-Assaf, Marwan El-Sabban, Makhluif Haddadin, **Hala Gali-Muhtasib**. Inhibition of proliferation and induction of apoptosis by 2-benzoyl-3-phenyl-6,7-dichloroquinoxaline 1,4-dioxide in adult T cell leukemia cells. Accepted for presentation at the 104<sup>th</sup> ASM meeting, May 23-26, New Orleans, LA.



## **Harakeh, Steve**

### Articles:

1. Eid, F., **Harakeh, S.** 2003. Ban or Regulate? Costs of dental occupational safety for mercury. *Journal of Health Care Finance.* **30(2):** 65-83.
2. **Harakeh, S.,** Afifi, R.A., Cortbawi, H., Abbas, O., Accauoi, R., Bendaley, E., Hakim, W., Kadri, A., Msroujeh, R., Obeid, M., Shatila, K., 2003. Attitudinal and behavioral changes concerning “Mad Cow Disease” among nurses in Lebanon. *Ecology of Food and Nutrition.* **42 (6):** 373-383.
3. **Harakeh, S.** Malek Batal and Barbour, E. 2003. Nutritional consequences related to “Mad Cow Disease” among homemakers and medical care practitioners in Lebanon. *Ecology of Food and Nutrition.* **41:** 223-236.
4. **Harakeh, S.,** Afifi, R., Nassar, N., Tfaily, R., Zananiri, N., Ali-Hassan, R., Allam, J.S., Bassim, M., Bou Aram, B., Harkous, B. and Nashawi, T. 2003. Knowledge, Attitude and Behavior of AUB students regarding “Mad Cow Disease”. *The Science of the Total Environment.* **312:** 255-260.

## **Khattar, Medhat**

### Articles

1. Safieh-Garabedian, B., Mouneimne, G.M., El-Jouni, W., Khattar, M. and Talhouk, R. 2004. The effect of endotoxin on functional parameters of mammary CID-9 cells. *Reproduction.* **127:** 397-406.

## **Knio, Khuzama**

### Articles

1. Kreydiyyeh, S. I., J. Usta, K. **Knio, S.,** Markossian, and S. Dagher. 2003. Aniseed oil increases glucose absorption and reduces urine output in the rat. *Life Sciences.* **74:** 663-673.

## **Kreydiyyeh, Sawsan**

### Articles:

1. **Kreydiyyeh, SI.,** Knio, K., Usta, J., Markossian, S. and Dagher, S. 2003. Aniseed oil increases glucose absorption and reduces urine output in the rat. *Life Sciences.* **74:** 663-673.
2. Usta, J., **Kreydiyyeh, S.,** Barnabe, P., Bou-Mouglabay, Y. and Nakkash-Chmaisse, H. 2003. Comparative study on the effect of cinnamon and clove extracts and their main components on different types of ATPases. *Human Exp. Toxicol.* **7:**355-362.
3. **Kreydiyyeh, SI,** and Al-Sadi, R. 2004. The signal transduction pathway that mediates the effect of interleukin-1 beta on the Na<sup>+</sup>-K<sup>+</sup> ATPase in LLC-PK<sub>1</sub> cells. *Pflugers Archiv-European Journal of Physiology.* **448:**231-8.

4. **Kreydiyyeh, SI.**, Abou-Chahine, C., Hilal-Dandan, R. 2004. Interleukin-1  $\beta$  inhibits  $\text{Na}^+\text{-K}^+\text{ATPase}$  activity and protein expression in cardiac myocytes. *Cytokine*. **26**:1-8.

#### Chapter in Book

1. Bikhazi, AB., Kurban, G., Jurjus, AR., Kamal, MT, **Kreydiyyeh, SI**, Saaddeine, RE, and Jacques, D. 2003. pH-regulated Transport of Glycyl-Sarcosine Across the Rat Jejunum. In: Recent Research Developments in Molecular and Cellular Biochemistry, pp 43-57 Publishers: RESEARCH SIGNPOST, ISBN:81-271-0035-8.

#### Safieh-Garabedian, Bared

##### Article:

1. **Safieh-Garabedian, B.**, Ochoa-Chaar, C. I., \*Poole S., Massaad, C.A., Atweh, S.F., Jabbur, S.J. and Saadé, N.E. 2003. Thymulin reverses inflammatory hyperalgesia and modulates the increased concentration of proinflammatory cytokines induced by intracerebroventricular endotoxin injection. *Neuroscience*. **121**: 865-873.
2. **Safieh-Garabedian, B.**, Mouneimne, G.M., El-Jouri, W., Khattar, M. and Talhouk, R. 2004. The effect of endotoxin (ET) on functional parameters of mammary CID-9 cells. *Reproduction*. **127**:397-406.

#### Saoud, Imad

##### Articles:

1. **Saoud I. P.**, D. A. Davis\* and L. A. Roy\*. 2003. Size grading experiments yield strong advice for Tilapia hatcheries. *Global Aquaculture Advocate*. **6**(6): 82-83.
2. Samocha\* T. M., D. A. Davis\*, **I. P. Saoud**, and K. DeBault\*. 2004. Substitution of fish meal by co-extruded soybean poultry by-product meal in practical diets for the Pacific white shrimp, *Litopenaeus vannamei*. *Aquaculture*. **23**:197-203.
3. Wu\*, G., C. Miller\*, **I. P. Saoud** and D. A. Davis\* (2004). The effect of feeding regimen on mixed-size pond-grown channel catfish, *Ictalurus punctatus*. *Journal of Applied Aquaculture*. **15** (3/4):1045-1048
4. **Saoud I. P.**, L. Rodgers, J. Chappel and D. A. Davis (2004). Over wintering yellow perch fry in Alabama. *North American Journal of Aquaculture*. **66**:217-221.

#### Saoud, Nada

##### Articles:

1. Musselman,L.J. & **N. Sinno-Saoud**. 2004. The Type specimens of George Edward Post in Beirut and Geneva. *Turkish Journal of Botany*. **28**:155-160.
2. Talhouk, S.N, **N. Sinno-Saoud** & Jury, S.L. Work on the Post Herbarium at the American University of Beirut. *Bocconeia* 14:000-000. 2002.

## Abstract

1. Musselman, L.J. & N. Sinno-Saoud. George Post and the Post Herbarium at the American University of Beirut. VI. Plant Life Southwest Asia Symposium. 2002.

## Talhok, Tabih

### Articles:

1. Bazarbachi, A., Abou-Merhi, R., Gessain, A., **Talhok, R.**, El-Khoury, H., Nasr, R., Gout, O., Sulahian, R., Homaidan, F., de-The', H., El-Sabban, M.E. 2004. HTLV-1 infected cells extravasate through the endothelial barrier using a local angiogenesis-like mechanism: implications for invasion and metastasis. *Cancer Research*. **64**(6): 2039-46.
2. Safieh-Garabedian, B., Mouneimne, G.M., El-Jouni, W., Khattar, M., and **Talhok, R.** 2004. The effect of endotoxin (ET) on functional parameters of mammary CID-9 cells in culture. *Reproduction*. **127**(3):397-406.
3. El-Sabban, M., Abi-Mosleh, L., **Talhok, R.** 2003. Developmental regulation of Gap junctions and their role in mammary epithelial cell differentiation. "Adhesion systems in the control of mammary gland morphogenesis and function". *Journal of Mammary Gland Biology and Neoplasia*. Review Oct; **8**(4): 463-73.
4. Park, C.C., Henshall-Powell, R.L., Erickson, A.C., **Talhok, R.**, Parvin B, Bissell, M.J., Barcellos-Hoff, M-H. 2003. Ionizing Radiation Induces Heritable Disruption of Epithelial Cell Interactions. *Proc Natl Acad Sc. i* **16**;100(19):10728-33.
5. Tarraf, C., El-Sabban, M, Bassam, R., Beyrouthy, M., Chamoun, J., and **Talhok, R.** 2003. Functional consequence of exposure to dieldrin on mammary development and function. *Food Additives and Contaminants*. **20**:9:819-828.
6. Barbour, E.K., Sagherian, V., Talhok, S., **Talhok, R.**, Farran, M., Sleiman, F.T. and Sabra, R. 2003. Impact of *Melissa officinalis* – extract administration in broilers on immune responses to viruses and performance. *American Holistic Veterinary Medical Association Journal*. **21**:15-18.
7. El-Sabban, M., Sfeir A., Daher M., Kalaany, N., Bassam, R., and **Talhok R.** 2003. Gap Junctional Communication Induces  $\kappa$ -Casein Expression in Mammary Epithelial Cells in the Absence of Cell/ECM interaction. *J. Cell Science*. **116**: 3531-3541.

## Tarraf, Charbel

### Articles:

1. **Tarraf, C.**, M. El-Sabban, R. Bassam, M., Beyrouthy, J. Chamoun, and R.Talhok. 2003. Functional consequence of exposure to dieldrin on mammary development and function. *Food Additives and Contaminants*. **20**:819-828.

## **G. FUTURE DEVELOPMENT**

The department has two main aims ahead to fulfill: the promotion of a successful PhD program that is expected to be launched in the near future, and the promotion of a program in aquatic biology which would be unique in Lebanon and the Middle East. The department will work also on the introduction of a minor in environmental and aquatic sciences.

Future plans for the Natural History Museum (NHM) include the preparation and maintenance of websites and web pages for educational and research use. Databases will be selectively made available to interested scientists in order to enhance the “electronic” exchange of information with other museums and reduce the direct handling of the specimens themselves.

Work on enriching the collection by filling gaps in some groups will be pursued.

S. Kreydiyyeh  
Chair

# CENTER FOR ARAB AND MIDDLE EAST STUDIES

## **A. SUMMARY OF PROGRAMS**

Eighteen new students enrolled in the CAMES MA program this year, bringing the total number of registered students to 40. Seven students defended their theses and graduated. Professor Tarif Khalidi supervised the CAMES core seminar. The CAMES MA program received 46 applications for Fall 2004-2005.

The Summer Arabic Program in 2003 was successful, with 64 students attending out of 250 applicants. The program received 220 applications for the Summer Arabic Program 2004, and expected attendance will be about 76 students. The large number of applicants is due to free advertisements about the program placed on various websites pertaining to Study Abroad programs, the detailed information available on our CAMES website and positive feedback from former students who attended the program. It is also due to quick replies by staff to inquiries about the program.

The application procedure to the Summer Arabic Program 2004 became more rigorous. Applicants are now required to submit an official transcript, two letters of recommendation, a writing sample in Arabic and a hard copy of the application form. The Summer Arabic Program 2004 will be offering five levels: Introductory, Low Intermediate, Intermediate, High Intermediate and Advanced.

CAMES was in charge of processing student applications for the Graduate Exchange Program between AUB and the Elliott School of International Affairs, George Washington University. CAMES was also in charge of advertising for the Graduate Exchange Program among AUB students. Two students from the Elliott School came to AUB for the Spring 2003-2004 semester. One student from CAMES / AUB has been accepted to study at the Elliott School starting in Fall 2004.

Four new courses were added to CAMES' curriculum. The additions were approved by the Curriculum Committee and will come into effect in Fall 2004. The new courses are: MEST 310 Seminar in Early Islamic History; MEST 311 Special Topics in Medieval Islamic Cultural History; MEST 315 Special Topics in Modern Middle Eastern Social and Political History and MEST 316 Special Topics in Modern Arabic Cultural and Intellectual History

### **Center Activities**

CAMES organized and took part in the following activities:

1. Four lectures by international and regional scholars
2. A workshop in conjunction with the Department of Economics

3. An international conference in conjunction with the Center for Research on Population and Health
4. A trip to Lebanon for a group of senior editors and journalists from major US news organizations

### **Lectures**

1. "Using Present Day Notions of Imperialism, Globalization, Internationalism to Understand the Middle East's Late 19<sup>th</sup> / Early 20<sup>th</sup> Century Past" by Professor Roger Owen, A. J. Meyer Professor of Middle East History at Harvard University
2. "Abu Rayhan Al-Biruni and Hindu Psychology" by Dr. Mario Kozah, Department of Arabic and Near Eastern Languages, American University of Beirut
3. "What can Iraq's History tell us about its Future?" by Dr. Charles Tripp, Reader in Politics with reference to the Middle East, School of Oriental and African Studies, University of London.
4. "The Arabian Peninsula and International Relations" by Professor Frederick Halliday, Professor of International Relations at the London School of Economics (LSE)

### **Workshop**

CAMES organized a workshop in conjunction with the Economics Department entitled "The Political Economy of Lebanon" which discussed policies and economic changes in the Lebanese economy over time and their relationship to the country's ongoing socioeconomic changes.

### **Conference**

"Models of Universities for the Arab World", organized by the Center for Arab and Middle Eastern Studies and the Center for Research on Population and Health at the American University of Beirut, explored and compared existing institutions of higher education in the Arab countries. The participants, scholars from Lebanon, the Arab world and further abroad, looked at the ways in which these universities address challenges in teaching, research, administration, governance and outreach. They identified successful cases and attempted to conceptualize a model for Arab universities in the 21<sup>st</sup> century.

### **Gatekeeper Editors Fact-finding Trip**

CAMES was the main liaison in Lebanon for a group of 13 senior editors and producers from major US news organizations (Gatekeeper Editors) who came on a "Fact-finding Trip" to Lebanon and Syria in May 2004. The trip was funded by the International Reporting Project, Johns Hopkins University School of Advanced International Studies. CAMES helped organize most aspects of the Lebanon section of the trip for the Gatekeeper Editors including lectures by academics, meetings with politicians, journalists, NGO's, students and others.

### **CAMES Website**

CAMES website is continuously redesigned to keep our web visitors updated with the activities and programs held in CAMES

## **B. PERSONNEL**

### **1. Faculty Members**

Nadia Maria El-Cheikh, Ph.D.	Associate Professor of History, Director
Tarif Khalidi, Ph.D.	Shaykh Zayed Professor of Arabic & Islamic Studies
Aliya Saidi, Ph.D.	Research Associate, Coordinator
Daisy Kamel, B.A.	Research Associate, Coordinator

### **2. Advisory Board**

Prof. Tarif Khalidi, Shaykh Zayed Professor of Arabic & Islamic Studies  
Prof. Helen Sader, History and Archaeology  
Prof. Farid El-Khazen, Political Science and Public Administration  
Prof. Shahe Kazarian, Social and Behavioral Sciences  
Prof. Muhammad Ali Khalidi, Philosophy  
Prof. Peter Shebaya, Civilization Sequence Program  
Prof. Ramzi Baalbaki, Arabic and Near Eastern Languages  
Prof. Zafiris Tzannatos, Economics

### **3. Research Assistants**

None

### **4. Visiting Affiliates**

Joy Famer, Ph.D. candidate, UCLA  
Nadya Sbaiti, Ph.D. candidate, Georgetown University  
Aleksandra Majstorac Kobiljski, Central European University  
Diana Allen, Ph.D. candidate, Harvard University  
Hosn Abboud, Ph.D. candidate, University of Toronto  
Dr. Thomas Fischer, Swiss Federal Institute of Technology  
Julie Hartley, Ph.D. candidate, University of Edinburgh  
Samer El-Karanshawy, Ph.D. candidate, University of Oxford  
Professor Hisham Sharabi, Georgetown University  
Professor Betty Anderson, Boston University  
Zeina Ghandour, Ph.D. candidate, London School of Economics  
Becky Schulthies, Ph.D. candidate, University of Arizona  
Morgan Clarke, Ph.D. candidate, University of Oxford  
Dr. Nicola Pratt, University of Birmingham  
Professor Michelle Hartman, McGill University  
Victor Willi, MA candidate, University of Zurich  
Ichiki Tsuchiya, Ph.D. candidate, Kobe University  
Patrick Collins, Ph.D. candidate, University of Chicago  
Dr. Annie Higgins, Fulbright Scholar

Dr. Lana Asfour, Independent scholar

Jago Salmon, Ph.D. candidate, Humboldt University, Berlin

Moritz Behrendt, Ph.D. candidate, University of Hamburg

Lulwa al-Kilani, Ph.D. candidate, University of Edinburgh

The visiting affiliates at CAMES organized the CAMES Graduate Workshop, a series of informal lectures on their research topics:

1. Samer Traboulsi, Ph.D. candidate, Princeton University, "The Social and Political Significance of the Female Islamist Dress"
2. Sara Scalenge, Ph.D. candidate, Georgetown University, "The Body: On the Margins of a Cultural History of the Middle East"
3. Hosn Abboud, Ph.D. candidate, University of Toronto, "Dual Discourses on Feminism and Islam: Academic versus Islamic Perspectives"
4. Moritz Behrendt, Ph.D. candidate, University of Hamburg, "The glorious return as the ultimate end of migration? The homecoming of the Lebanese emigrants from West Africa."
5. Aleksandra Majstorac Kobiljski, "AUB Women Students from the 1920s to the 1940s."

#### **5. Graduate Assistants**

Fall 2003-2004: Ana Paula Schmitt  
Kathryn Kraft  
Stuart Reigeluth  
Stephen McInerney  
Samuel Noble  
John Cabrera  
Ana Paula Schmitt  
Hisham Chreih

Spring 2003-4: Stephen Howard  
Hisham Chreih  
Stephen McInerney  
Kathryn Kraft  
Samuel Noble  
John Cabrera  
Jennifer Ponig  
Michael Oreste

#### **6. Non-Academic Staff**

Abu Alwane, Labeeba  
Ghattas, Nina

Documentation Assistant  
Secretary



## C. TEACHING

### 1. Number of Graduating Majors

M.A.	February 2004	5
	June 2004	2

### 2. Number of Majors

Graduates	40
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### 3. Student Enrollment in Courses (offered by CAMES)

	Summer 02	1 <sup>st</sup> Sem.	2 <sup>nd</sup> Sem.	Total
Courses numbered 300 and above	--	27	11	38
Summer Arabic Program	64	--	--	64

### 4. Number of Credit Hours Offered

Courses numbered 300 and above	--	9	9	18
Summer Arabic Program	45	--	--	45

## D. RESEARCH

### El-Cheikh, Nadia Maria

"The *Qahramana* in the Abbasid Court: Position and Functions", an article length study that explores the position and functions of the *qahramanas* (harem stewardess), in the early fourth/tenth Abbasid court, evaluating their sources of authority which allowed them to exercise significant political influence. (Submitted for publication).

### Khalidi, Tarif

1. Completed a translation into English of *A`lam al-Nubuwwah* by Abu Hatim al-Razi. The Islamic Translation Series of the University of Utah has expressed strong interest in publishing it.
2. "Qur'an Translations into English" in L.Venuti and M.Cronin, eds. *The Oxford History of Literary Translations into English* (forthcoming from Oxford University Press).
3. "Introduction" to Sebastian Guenther ed. *Insights into Classical Arabic Literature* (forthcoming from Brill, Leiden).
4. "A Bandit of the Biqa` : The legend of Milhim Qasim" Paper presented at the SBS Brown Bag, AUB, March 22, 2004 and at the German Orient Institute, June 17, 2004.

5. "Tabari: An Introduction" in Hugh Kennedy ed. *Al-Tabari: A Muslim Historian and His Work* (Forthcoming from Princeton: Darwin Press).
6. "Islam, Self and Neighbours ca. 1000 AD". Paper presented at a conference at the University of Halle in 2000. (Publication forthcoming).

## **E. OTHER STAFF ACTIVITIES**

### **El-Cheikh, Nadia Maria**

Papers presented at international and regional conferences:

1. "The Abbasid Harem in Tenth Century Baghdad," New York University, Global Affairs's International Visitors Program, March 2004.
2. "Gendered and Sexualized Knowledge Production: The Uses of Adab," Gendered Bodies, Transnational Politics: Modernities Reconsidered, Cairo, December 2003. Organized conference: "Models of Universities for the Arab World," American University of Beirut, October 2003. Discussed collaborative possibilities in gender and sexuality studies, New York University, March 2004.

### **Khalidi, Tarif**

1. Helping to organize an international conference at AUB on Al-Jahiz, scheduled for January 20-22, 2005, jointly with the German Orient Institute, Beirut.
2. Editing (with Dr. Maher Jarrar) *The Cambridge Companion to Muhammad*.
3. Invited to the Advisory Board of *The Oxford History of Historical Writing*.
4. Invited to be an Area Editor for "*The Bible in Islam*" for the 25-vol De Gruyter's International Encyclopedia of the Bible.

## **F. PUBLICATIONS**

### **El-Cheikh, Nadia Maria**

1. *Byzantium Viewed by the Arabs*, Cambridge: Harvard Middle Eastern Monographs, 2004.
2. "Mourning and the Role of the Na'iha" *Identidades Marginales*. Edited by Cristina de la Puente (Madrid: Consejo Superior de Investigaciones Cientificas, 2003), 395-412.
3. "Byzantines: Exegetical Explanations," *Encyclopedia of the Qur'an*, ed. Jane Dammen McAuliffe, (Leiden: Brill, 2001), vol. 1, pp. 266-269.
4. "Bahthan an sharik al-hayat al-mithali," *Tiba* 3 (2003), 77-99.

### **Khalidi, Tarif**

1. (With SS Agha) "Poetry and Identity in the Umayyad Age", *Al-Abhath* vol. 50/51 (2002-2003).
2. "Jesus, Islam and World Dialogue" *Concilium* 39/4 (October 2003).

## **G. FUTURE DEVELOPMENT**

### **Oral History Project**

CAMES will be publishing on the web oral interviews with poet Nizar Qabbani and the politicians Saeb Salam and Raymond Edde.

### **Conferences**

1. Preliminary preparations for a conference on al-Jahiz in January 2005 were completed, including the list of participants and the topics to be addressed.
2. The proceedings of the conference "Models of Universities in the Arab World" are being prepared for publication.
3. Plans are under way to publish the proceedings of the conference "Political Identity in the Arab East in the Twentieth Century" held at AUB in December 1997.

N. El-Cheikh  
Director

# CENTRAL BEHAVIORAL RESEARCH

## A. SUMMARY OF PROGRAMS

This was our ninth and last year, during which the Center enjoyed the generous and sustained support of the Andrew Mellon Foundation. With an eye on the future, particularly by way of cultivating prospects for alternate sources of funding, our activities continued to display the same energy and vitality which have marked our credible record thus far.

In addition to our normal set of activities, three outstanding events we hosted this year are indicative of the kind of compelling and eye-catching programs the Center has been able to sustain. All three account for the inventive role the Center was able to play in serving as an intellectual forum for lively scholarly debate and a research setting for local and itinerant scholars.

First, and without doubt, the highlight of our activities was the international conference on *Sexuality in the Arab World* we hosted during the first week of December. The by-product of over two years of concerted planning, the event brought together thirty scholars and drew considerable media coverage and public attention, particularly since it was the first venture to explore such sensitive issues in public. An editorial committee has already been entrusted with the task of preparing the contributions for publication.

Second, as partner in the “Mediterranean Voices” project, the Center hosted another international consortium meeting for about thirty participants. The project is part of a larger “Euro-Med Heritage” study funded by the European Union and is being coordinated by the International Institute for Culture, Tourism and Development at the London Metropolitan University. It is concerned mainly with urban heritage (both tangible and intangible) in 14 Mediterranean Cities, Beirut being among them.

This joint collaboration has been fruitful and instructive in several respects. It has provided the full-time involvement of two research assistants (our own SBS M.A. graduates) and exposed students and graduate assistants to new venues of research and field work. Already, two M.A. students have completed their dissertations in related areas. The project has also generated part-time research employment for a score of our students.

Finally and, perhaps, most touching, the Center took the initiative and assumed responsibility for organizing a memorial for Edward Said on November 1, 2003 which also happened to be his birthday. It was fitting that we did so since our Mellon International Lecture series allowed us to host Edward on four earlier occasions. His lectures at Issam Faris, always to packed and enthralled audiences, were mutually rewarding. He always spoke fondly of the reception he received at AUB. The one-hour Memorial consisted of three balanced and calibrated parts: two short video clips extracted

from his earlier presentations at AUB; readings from his writings presented by Adonis, Shafik al Hout, Samir Khalaf, Elias Khoury, Jean Said Makdissi, Najla Said, Wadie Said and Fawaz Trabulsi and musical performances by three member of the Daniel Barenboim and Edward Said Group.

It is of interest to note all three events were not connected with the Andrew Mellon Grant and are, as such, suggestive of the sources of funding and support we could consider in the future.

## **B. PERSONNEL**

Samir Khalaf, Ph.D., Professor Sociology (Director)  
Leila Jbara (Secretary)

### **Executive Committee**

Nadia El-Cheikh, Ph.D., Assistant Professor	(History)
Maher Jarrar, Ph.D., Associate Professor	(C.S. Program)
Shahe Kazarian, Ph.D., Professor	(S.B.S.)
Yehya Sadoski, Ph.D., Associate Professor	(P.S.P.A.)

### **Visiting Associates**

Zumrut Alp	(Columbia University)
Giovanni Bochi	(London School of Economics)
Jennifer Dueck	(Oxford University)
Pascal Feghali	(University of Paris)
Micheal Kagan	(University of Michigan)
Nadia Latif	(Columbia University)

### **Research Assistants**

Susanne Abou Ghaida	(Euromed Project)
Alia Al Zougbi	(Euromed Project)

### **Graduate Assistants**

Jean Azar	(Sociology)
Samar Kanafani	(Anthropology)
Racha Hijazi	(Psychology)
Sebastian Abdallah	(Sociology)
Jesse Downs	(Sociology)

## **C. OTHER STAFF ACTIVITIES**

### **Regular Lectures**

Unlike last year, when the unsettled political climate in the region compelled many of our prospective visitors to suspend their trips to Lebanon, we were more fortunate this year. We were able to host five such public lectures: Four from the U.S., one from Oxford and another from Copenhagen. Topics addressed timely and engaging issues such as American hegemony, international migration, human rights, and comparative sexuality.

October 21, 2003      “Singing as an Art: An Illustrated Lecture”  
Fadlou Shehadi      (Rutgers)  
Diana Takieddine      (AU, Washington)

October 28, 2003      “American Hegemony”  
Edward Tiryakian      (Duke University)

December 5, 2003      “Issues in Comparative Sex”  
John Gagnon      (SUNY, Stony Brook)

December 15, 2003      “Migration and Citizenship”  
Stephen Castles      (University of Oxford)

April 22, 2004      “Whose Human Rights?”  
Micheal Jackson      (University of Copenhagen)

### **Bi-Weekly Sessions**

Our bi-weekly sessions, at virtually no cost, continued to sustain wider interest and draw substantial audience from both within and outside campus. This is clearly an activity the Center should continue to support. This year the sessions were the collaborative effort of two of our resident fellows: Pascale Feghali and Alia Al Zougbi, a second year M.A. student. Both must be complemented for their sustained and efficient efforts.

Monday, Oct. 13      **Jens Hanssen** (University of Toronto)  
“Iraq Under Occupation: Notes from a Fact-Finding Mission”

Oct. 27      **Edward Tiryakian** (Duke University)  
“The Reconstruction of Society: Challenges for Sociology, 1803-2003”

Nov. 3      **Dirk Moussa** (University of Sydney)

- “The Holocaust and Genocide: Entanglement of Master Concepts”
- Nov. 17      **Milan Bharadia** (M.A. cand., SOAS)  
“Queer Spaces in Damascus”
- Dec. 1        **Ghassan Hage** (AUB/University of Sydney)  
“Researching the Lebanese Transnational Family”
- Dec. 15      **Anne Francoise Weber** (Ph.D. cand., ABI Freiburg/EHESS)  
“Interreligious Dialogue in Lebanon”
- Jan. 12      **Alia Al Zougbi** (AUB)  
“Oral Histories of Ras Beirut: Memory and Nostalgia”
- Feb. 23      **Zeina Halabi** (LSE)  
“The Power of Language: Language as Power. The Linguistic Rights Question of the Algerian Kabyles”
- March 8      **Hani Hassan** (AUB)  
“Language, Untruth and Over-Power in Nietzsche: Language Being the Human Becoming”
- March 22     **Tarif Khalidi** (AUB)  
“A Bandit of the Biqua’: The Legend of Milhim Qasim”
- April 5       **Walid Sadek** (AUB)  
“Jane-Loyse Tissier: On Lean Pictures and Ocular Concupiscence”
- April 19     **Goetz Nordbruch** (Humboldt University Berlin)  
“What is Nazism? Opposing German Nazi Ideology in Lebanese Leftist Discourses, 1933-45”
- May 3        **Nadia Latif** (Columbia University)  
“Home in a Refugee Camp: The Case of Bourj el-Barajneh.”
- May 17      **Christa Salamandra** (LAU)  
“Authenticity, Identity and Syrian TV”

### **Pre-Doctoral Fellows**

Since all pre-doctoral fellows come with funding from their own universities, this is an activity the Center can easily sustain in the future. In return for the modest privileges they enjoy at AUB—i.e. work space, access to Jafet, contact with other visiting and indigenous colleagues—we do benefit from their presence. They participate in the Center’s activities, assume leadership in organizing bi-weekly sessions and, perhaps more

important, by virtue of their own strenuous work habits and field research, they serve as compelling role models to our graduate students.

Incidentally, the Center receives many more requests for such affiliation than our modest premises can accommodate. We normally select those who come with strong recommendations from colleagues familiar with our setting. We also, naturally, take into account the credibility and relevance of the research projects to current and prospective undertakings of the Center.

This year, the following enjoyed this privilege:

Giovanni Bochi (London School of Economics)  
“Gypsy Community in North Eastern Bekaa”

Jennifer Dueck (Oxford University)  
“French Cultural Propaganda in Syria and Lebanon”

Pascale Feghali (University of Paris)  
“Changing Paradigms and Formation of Anthropology Spaces in an Urban Middle Class Quarter”

Nadia Latif (Columbia University)  
“Spatial Construction of Subjectivity: Bourj el-Barajneh Camp”

Micheal Kagan (University of Michigan)  
Palestinian Refugees in the Middle East”

#### Mediterranean Voices: Euromed Heritage Program

This is our second year in the 3-year project (jointly with the University of London) to explore the intangible cultural heritage of Beirut. Funded by the EU, Beirut is one of fourteen other Mediterranean cities selected to participate in this massive cross-cultural study. The study is unconventional in several respects: its collaborative and cross-cultural nature, novel and multiple research methodologies and its concern for outreach activities.

The two full-time researchers engaged in the project—Susanne Abou Ghaida as principle investigator and Alia Al Zougbi as research assistant—devoted their resources to the following:

1. The fieldwork concerned with the spatial representations of political activity and presence in the Beirut neighbourhoods of Ashrafieh, Basta/Bashoura and Downtown was completed. A paper presenting some of the findings of this research was presented at *Contentious Politics and the Economic Opportunity Structure: Mediterranean Perspectives* in Crete (Oct 17 and 18). Over 30 tourist brochures (and other material) were collected and scanned in order to comprise a



- digital archive of post-war promotional material. Work is also underway on a paper analyzing how this material represents Beirut, its history, place in the region and identity.
2. Work on the Mediterranean Voices website (a major output of the larger project) had been proceeding. For its part, the Beirut team supplied material providing background information to go on the Beirut city page. In addition, more than 100 pieces of data (images and excerpts of interviews) were selected and uploaded onto the website.
  3. Since the Beirut project is part of a larger network, members of the Beirut team had to attend several workshops and consortium meetings. These included an interim meeting in Istanbul, a consortium all-partners meeting in Bertinoro, Italy, an IT workshop in Cyprus, and an exhibitions workshop in London.
  4. Finally, as noted earlier, the CBR hosted the fourth all-partners meeting which was held in AUB between March 19 and 21. The all-partners meeting was preceded by a meeting for the four project partners collaborating on the upcoming roving exhibition: *Shared Spaces in Times of Crises: Memories of Alexandria, Ancona, Beirut, Bethlehem and Split*. It was followed by a two-day documentary workshop for the partners planning to produce documentaries. These events were also organized and hosted by the CBR.

It is of interest to note in this regard that the involvement of Alia Al Zougbi in the project has enabled her to dwell upon research and ethnographic data she extracted for her M.A. Thesis. Her dissertation in “*Oral Histories of Ras Beirut: Memory, Nostalgia and the Construction of History*” has the potential as judged by her thesis committee of turning into a timely scholarly publication.

#### **D. FUTURE DEVELOPMENT**

It is envisaged that our activities for the coming year will revolve around three main projects. Two will focus on the consolidation and continuation of two current projects—Euromed Voices and Sexuality in the Arab World. The third, funded by the Social Sciences Research Council (SSRC), will involve hosting an international conference on “Public Spheres” early in the fall at AUB.

We still have another sixteen months before the expiration date of the “Euromed Voices” project. There are also prospects for extending the project. Both Suzanne Abou Ghaida and Alia Al Zougbi have now acquired the necessary skills & experience to sustain their inventive work & coordination of various dimensions of the study.

Considerable effort need to be expended on soliciting the remaining contributions and on re-writing, editing & preparing the collective volume on *Sexuality in the Arab world*. Since this is a joint project with St. Antony’s at Oxford University, a short meeting with Professor Rogan, either here or at Oxford, might be necessary before delivering the final manuscript to the publisher, hopefully not too late during the first semester.

Since the SSRC international conference on *Public Spheres* is being hosted late October, we are currently in the midst of finalizing list of participants, panels, keynote speakers and the like. Much remains to be done. We anticipate intensive efforts being undertaken during September/October and, naturally, afterwards by way of considering the likelihood of publishing part of the proceedings in an appropriate volume.

We still have a sum of about \$ 78,000 unexpended funds from our Mellon grant. We will in October request a no-cost extension to be able to disburse the funds on legitimate projects.

Finally, focused & deliberate efforts need to be made to start considering alternative sources of funding to sustain the short and long-term programs & activities of the Center. This will require, among other things, preparing the necessary brochures & outlining strategies for reaching targeted groups who could serve as “Friends” of the Center.

S. Khalaf  
Director

# CENTER FOR ENGLISH LANGUAGE RESEARCH & TEACHING

## A. SUMMARY OF PROGRAMS

The Center for English Language Research and Teaching (CELRT) supervises the University preparatory Program (UPP), the Intensive English Course (IEC), the English Communication Skills Program, and the BA and MA degree programs in English Language. In cooperation with the Education Department, it also supervises the Teaching Diploma (TD) and the MA program in TEFL. The research function of CELRT continues to depend largely on the individual efforts of its faculty members.

The developmental activities of CELRT during the academic year 2003-2004 concentrated on the REP projects in Saudi Arabia, Oman, and Kuwait. Thus CELRT was involved again, through two of its four members, in the monitoring of English language programs at the Kingdom Schools in Saudi Arabia. The main tasks achieved were an assessment of the language proficiency of all the students in the various grades and the conducting of two workshops for the faculty in addition to the regular tasks of monitoring the implementation of the curriculum designed by CELRT for the Schools. In Oman, the CELRT team accomplished the following: designing and administering admission tests; designing two BA programs, one in English language and one in translation; designing an intensive English program; designing a postgraduate diploma in TEFL; and providing course descriptions for the courses in the various programs. In Kuwait, the CELRT team designed two admission tests for a certificate program and set the program of study and instructional materials. In addition to the above, CELRT members were involved in three summer workshops and one workshop during the spring.

## B. PERSONNEL

### 1. Academic

Diab, Rula	Assistant Professor	Ph.D.
Ghaith, Ghazi	Associate Professor	Ph.D.
Choueiri, Iina	Assistant Professor	Ph.D.
Shaaban, Kassim (Director)	Professor	Ph.D.

### 2. Graduate Assistants

Atme, Reine	BA
Hachembeck, Zeina	BA
Haidar, Rana	BA
Mahfouz, Julia	BA
Shaaban, Dana	BA

### **3. Non-academic**

Samar Ayyash  
Joseph Tohme

Clerk Stenographer  
Laboratory Technician

### **C. TEACHING**

Refer to the annual reports of the Department of English and the Department of Education.

### **D. RESEARCH**

Refer to the annual reports of the Department of English and the Department of Education.

### **E. OTHER STAFF ACTIVITIES**

Refer to the annual reports of the Department of English and the Department of Education.

### **F. PUBLICATIONS**

Refer to the annual reports of the Department of English and the Department of Education.

### **G. FUTURE DEVELOPMENT**

The CERT faculty has started an active campaign of revitalizing CELRT by means of enhancing its local and regional visibility and developing its research and development components. Thus the projects that are supervised by CELRT in the Gulf region and the summer workshops for English teachers in Lebanon will continue next year. Another step in the right direction was taken through hiring a new faculty member in the area of writing who would help in running the newly established Writing Center. However, for the third year in a row, the Center has failed to attract a specialist in computer-assisted language learning to help develop its technological capabilities; we are hoping that we will have better luck next year.

Another positive development for CELRT is the strengthening of its ties with the Education Department, which we hope to develop further. We would like to stress, however, that some basic changes discussed in earlier reports need to be implemented.

First, the Director should be given one-course time release a year to make it possible for him to spend adequate time on planning developmental activities and writing proposals for grants. Secondly, the CELRT library space should be expanded to include Room 211, and its acquisitions (references, instructional materials, and journals) should be systematically enriched.

K. Shaaban  
Director

## DEPARTMENT OF CHEMISTRY

### **A. SUMMARY OF PROGRAMS**

The Chemistry Department will witness at the end of the current academic year, the graduation of the first class of Chemistry students on the new curriculum track. A number of Science students will also receive the minor in Chemistry for the first time, this year.

The Department engaged in a laborious revision of its auxiliary requirements, mainly the freshman and pre-medical requirements. In coordination with the Physics Department, Chemistry devised a new set of requirements for premedical Chemistry students. The latter can no longer receive credit for both Chem. 218 and Phys. 212. Thus Phys. 212 can no longer be viewed as a premedical requirement. Six options are now possible to fulfill the 8-credit Physics requirement by the Medical School, giving the student a wide choice in congruence with the liberal arts style of education. The representative three-year course tracks for Chemistry majors were updated accordingly both on the handout sheets provided to students and academic advisors, and on the Department's web page.

The training of graduate students on instrumentation in Chem. 331 (Chemical Instrumentation, graduate; see Annual 2002-2003) was extended to the second course in the sequence (Chem. 332: Chemical Separations). Three lab sessions on the use of advanced chromatographic analytical methods of separation were introduced, with applications in food, materials and environmental Chemistry. This upgrade project was conducted by Dr. Peter Weppen.

Chem. 208 (Organic Chemistry for non-majors) ceased to be required from Nursing students, but is still subject to relatively high demand by Agriculture and Health Sciences. The requirements for a prospective Chemistry major in the freshman year were modified. The Phys. 101/101L requirement was substituted by a minimum of one year of high school Physics.

The new seminar course for undergraduate Chemistry majors (Chem. 230) was offered both semesters for the first time this year, and proved to be a good addition for training students on literature search and oral presentation, and discussion of scientific concepts. The course was coordinated by Dr. Haddadin. The new Inorganic Chemistry lab course (Chem. 232, an elective) was upgraded thanks to the availability of modern equipment received on ASHA both in Chemistry and in the Central Science Lab. In addition to the classical methods of synthesis of inorganic and organometallic compounds, the students received decent training in the theory and applications of IR and UV-VIS spectroscopy, as well as the performance of some RAMAN measurements. The course was taught and improved by Dr. Hasanayn.

A new faculty member, Dr. Peter Weppen joined the Department as a visiting associate professor for two years. Dr. Weppen's specialty is in Analytical Chemistry with a focus on water treatment, monitoring techniques applied in environmental studies and the recycling technologies of solid wastes. The Department appointed two Associates Dr. Hashim Al-Hashimi, a scholar from the University of Michigan, and Dr. Joseph Bejjani from Pierre et Marie Curie University. Dr. Bejjani will be working on a research project with Dr. Haddadin. Dr. Khalil Abboud, an X-ray crystallographer from the University of Florida visited the Department and entertained scientific exchanges with the Chemistry faculty, as well as the senior and graduate students. Next year, Dr. Bilal Kaafarani will join the Department as assistant professor of Organic Chemistry. The Department had advertised for two vacancies, and is still in need for another Inorganic Chemistry line.

The Department enjoyed the presence of twenty-four graduate students who are receiving a thorough training both in theory courses and in chemical research. Twenty-three of them received graduate assistantships (among which, one was a GRA). The campaign to recruit graduate students is under way and the number of applicants is increasing gradually over the years. In an effort to improve the performance of teaching assistants (TA's), as part of the overall University-wide task to improve teaching, the Department took the initiative of introducing new evaluation forms for lab instructors. The questionnaires will be filled by the professor/instructor in charge of the lab course, and the outcomes will be computed by the Office of Institutional and Research Assessment (OIRA). The forms will be presented to the Faculty for eventual adoption and generalization.

In addition to research support by the University Research Board (URB), external funding for the enhancement of research had been sought by the faculty. Dr. Halaoui was awarded a \$50,000 grant from the American Chemical Society (Petroleum Research Fund, PRF). Dr. Ghaddar received a \$5,000 grant from the Third World Academy of Sciences (TWAS). Research grants from the LNCSR were bestowed upon Drs. Bouhadir, Saliba and Sultan/Al-Ghoul. This year, the faculty presented sixteen research proposals, which were distributed as follows: URB (8), PRF (1), NSF (3), TWAS (1), LNCSR (3).

A major step was initiated this year, namely the launching of a proposal study to reinstate the Ph.D. program in Chemistry. With the notable improvement in faculty and equipment resources, the Department should be able to start the program in 2005-2006. A special committee chaired by Dr. Kasparian and grouping the members of both departmental curriculum and graduate committees, in addition to interested faculty members was delegated this important task.

The seminar program, coordinated by Dr. Haddadin, included a variety of lectures from the Department (Dr. Saliba), visitors from France (Dr. Joseph Bejjani), and the US (profs. Hashim Al-Hashimi and Maryam Grami; and from the industry, Dr. Simon Haydar), Ph.D. candidates Hassan Rmaile and Karyn Usher, in addition to the Chem. 230 and 361 presentations. The Department also hosted the "Forum on Materials Science", organized and coordinated jointly by the Chemistry (Dr. Lara Halaoui) and Physics (Dr. Malek Tabbal) Departments. The Forum included twelve lectures with contributions from

various science and engineering disciplines. The Chemistry presentations came from Dr. Tarek Ghaddar, Dr. Lara Halaoui and Dr. Kamal Bouhadir.

Interaction between the Chemistry Department and the AUB academic sphere continued through discussions and forums such as, to name but a few, meeting with trustees Nicolas Khuri and Philip Khoury, evaluation of the Collegiate Assessment of Academic Performance (CAAP), the Self-Study Report (SSR) and the Teaching Workload Formula, and response to the Ministry of Education Questionnaire.

## **B. PERSONNEL**

Haddadin, MakhluF	Ph.D.	Professor
Sultan, Rabih	Ph.D.	Professor (Chairman)
Weppen, Peter	Ph.D.	Visiting Associate Professor
Kasparian, Marie	Ph.D.	Associate Professor
Al-Ghoul, Mazen	Ph.D.	Assistant Professor
Bouhadir, Kamal	Ph.D.	Assistant Professor
Ghaddar, Tarek	Ph.D.	Assistant Professor
Halaoui, Lara	Ph.D.	Assistant Professor
Hasanayn, Faraj	Ph.D.	Assistant Professor
Saliba, Najat	Ph.D.	Assistant Professor
Salameh, Abdu	Ph.D.	Senior Lecturer
Fares, Fares	Ph.D.	Lecturer
Abi Rafi-Jaber, Randa	M.Sc.	Instructor
Deeb, Hana	M.Sc.	Instructor
Sadek-Hajj, Samar	M.Sc.	Instructor

### **Assistant Instructors**

Dakik, Rajaa’* (1 <sup>st</sup> semester)	B.Sc.
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### **Graduate Assistants**

Abou Aleiwe, Bilal	B.Sc.
Al-Hamra, Madeleine	B.Sc.
Al-Khalil, Nadine	B.Sc.
Al-Masri, Mira	B.Sc.
Al-Msharafieh, Maysam	B.Sc.
Bou Ghannam, Hala	B.Sc.
BouBou, Kheireddine	B.Sc.
Dakdouki, Mohamad	B.Sc.
Dakdouki, Saada	B.Sc.

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\* Part-time



Ezzeddine, Rima	B.Sc.
Farah, Manal	B.Sc.
Houjeiry, Tania	B.Sc.
Kadamany, Ghada	B.Sc.
Kouyoumdjian, Hovig	B.Sc.
Makki, Rabih	B.Sc.
Markarian, Marie Zabel	B.Sc.
Mouawad, Issaaf	B.Sc.
Moussa, Samar	B.Sc.
Nasser, Niveen	B.Sc.
Nsouli, Nadeen	B.Sc.
Saab, Wedian	B.Sc.
Sepetdjian, Elizabeth	B.Sc.
Shatila, Rania	B.Sc.

### **Research Assistants**

Al-Msharafieh, Maysam* (GRA,1 <sup>st</sup> semester)	B.Sc.
Khoury, Jenny*	B.Sc.
El-Harakeh, Maysaa*	B.Sc.
Saab, Rana*	B.Sc.

### **Non-Academic**

Ala'eddine, Hassan	Technician, Grade 07
Ghandour, Butros	Senior Technician, Grade 09
Haddad, Joyce	Clerk Typist, Grade 06
Kanbar, Hani	Technician, Grade 07
Ruzz, Adnan	Senior Technician, Grade 09
Sleiman Azar, Issam	Clerk, Grade 09
Yehiayan, Lucy	Technician, Grade 07

## **C. TEACHING**

### **1. Number of Graduating Majors**

B.S.	Feb. 2004	1
	June 2004	13
M.S.	June 2004	3

### **2. Number of Majors**

1<sup>st</sup> Sem.      2<sup>nd</sup> Sem.

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\* Part-time

Graduates	22	24
Seniors	16	19
Juniors	9	20
Sophomores	51	39

### 3. Student Enrollment in Courses

	<u>Summer 02</u>	<u>1<sup>st</sup> Sem.</u>	<u>2<sup>nd</sup> Sem.</u>	<u>Total</u>
Courses numbered 300 and above	--	33	44	77
Courses numbered 211 through 299	29	279	400	718
Courses numbered 200 through 210	559	795	622	1976
Courses numbered below 200	--	<u>164</u>	<u>62</u>	<u>226</u>
		1271	1128	2997

### 4. Number of Credit Hours Offered

	<u>Summer 02</u>	<u>1<sup>st</sup> Sem.</u>	<u>2<sup>nd</sup> Sem.</u>	<u>Total</u>
Courses numbered 300 and above	--	12	15	27
Courses numbered 211 through 299	6	25	30	61
Courses numbered 200 through 210	20	25	27	72
Courses numbered below 200	--	<u>4</u>	<u>8</u>	<u>12</u>
	26	66	80	172

## D. RESEARCH

### Al-Ghoul, Mazen

1. "Non-equilibrium partition function of a gas subject to a heat flux and under shear" (With Byung Chan Eu, McGill University). Funded by the National Research Council of Canada and by URB.
2. "The study of self-organizing patterns in a two-salt Liesegang system" (with R. Sultan). Funded by URB.
3. "Formulation and numerical analysis of the flow of a gas in a micro-channel by means of generalized hydrodynamics" (With Byung Chan Eu, McGill University). Funded by the National Research Council of Canada and by URB.

### Bouhadir, Kamal

1. "Synthesis and polymerization of 1-nucleic base-3,4-bismethylenecyclopentane". The main objective of this research proposal is the synthesis of a carbocyclic DNA analog with a carbon backbone replacing the phosphate backbone in natural DNA. We propose to synthesize this polymer via the free-radical polymerization of the exocyclic double bonds of a cyclopentane monomer with a nucleic base

- attached equidistant from the double bonds. Research in progress. Supported by URB.
2. "Template-directed cyclopolymerization of 4-nucleic base-1,6-heptadienes: the synthesis of carbocyclic oligonucleotide analogs". The ultimate goal of this proposal is the cyclopolymerization of 1,6-heptadiene monomers, with a nucleic base attached, via template-directed free-radical cyclopolymerization to yield carbocyclic ODN analogs. Research in progress (with L. Halaoui and F. Fares). Supported by an LNCSR grant.
  3. "Synthesis of C<sub>60</sub> derivatives with amino and ester groups attached: precursors for C<sub>60</sub> polymers with peptide backbones". The goal of this research project is to synthesize C<sub>60</sub> derivatives with two different functional groups attached to it. These groups could potentially serve as handles to couple a number of fullerenes to each other and form polymers. We propose to synthesize a C<sub>60</sub> adduct with a protected amino group and a protected carboxylic acid group. The amino group will be protected in the form of a dibenzylamino group and the carboxyl group will be protected in the form of a triphenylmethyl ester. Research in progress (with A. Salameh).
  4. "Separation and identification of the bioactive components in the aqueous extracts of *Alchemillea Diademata*" Research in its initial and exploratory phase (with Najat Saliba and Elie Barbour). Project supported by Mercy Corps, and sponsored by IBSAR (Initiatives for Biodiversity Studies in Arid Regions).
  5. "Synthesis of 4-[(1H,3H)-pyrimidine-2,4-dion-1-yl]- and 4-[(1H,3H)-5-methylpyrimidine-2,4-dion-1-yl]-1,6-heptadienes". *In preparation* (with J. L. Zhou, and P. B. Shevlin).
  6. "Convenient synthesis of 1-(2-allyl-pent-4-enyl)-1H-pyrimidine-2,4-dione and 1-(2-allyl-pent-4-enyl)-5-methyl-1H-pyrimidine-2,4-dione". *In preparation* (with F. Fares).
  7. "Facile preparation of tosylhydrazone derivatives of trans-3,4-substituted cyclopentanones". *In preparation* (with B. Abou Aleiwe and N. Nasser).

### **Fares, Fares**

1. "Convenient synthesis of 1-(2-allyl-pent-4-enyl)-1H-pyrimidine-2,4-dione & 1-(2-allyl-pent-4-enyl)-5-methyl-1H-pyrimidine-2,4-dione". *In preparation* (with K. Bouhadir).
2. "Convenient synthesis of cis- and trans-3,4-substituted-1-[(1H,3H)-3-benzoyl-pyrimidine-2,4-dion-1-yl]cyclopentanes". *In preparation* (with N. Nasser, N. Al-Khalil, R. Shatila, J. Al-Deek and K. Bouhadir).
3. "Template-directed cyclopolymerization of 4-nucleic base-1,6-heptadienes: The syntheses of carbocyclic oligonucleotide analogs". The ultimate goal of this proposal is the cyclopolymerization of 1,6-heptadiene monomers, with a nucleic base attached, via template-directed free-radical cyclopolymerization to yield ODN analogs. Research in progress (with L. Halaoui and K. Bouhadir). Supported by an LNCSR grant.

### **Ghaddar, Tarek**

1. "Dendrimers with highly absorptive chromophores for studying electron and energy transfer processes". Initial exploratory stage. Supported by the University Research Board (URB).
2. "Novel synthetic dendrimers for the study of multi-electron transfer processes". Initial exploratory stage. Supported by the Third World Academy of Sciences (TWAS).
3. "Multiple electron transfers and energy transfer in novel dendritic systems". Initial exploratory stage. Supported by the Lebanese National Council for Scientific Research (LNCSR).

### **Haddadin, Makhlof**

1. "Selective targeting of verteporfin of choroidal neovascularization mediated by a homing peptide of VEGF-R2", Archives of Ophthalmology. *In press* (with R. Renno, M. Terrada, M. J. Haddadin, F. C. Delori, J. W. Gragoudas, and J. W. Miller).
2. "Inhibition of proliferation and induction of apoptosis by 2-benzoyl-3-phenyl-6,7-dichloroquinoxaline 1,4-dioxide in Adult T-Cell Leukemia Cells", Chemo-Biological Interactions. *In Press* (with S. Harakeh, M. Assaf-Diab, M. El-Sabban and H. Mohtasib).
3. "Synthesis of new indazoles" (M. S. thesis of Mr. Mohammad Dakdouki).
4. "Reactions of quinoxaline 1,4-dioxides". Research in progress.
5. "Synthesis of heterocyclic annulated imidazoles". Initial exploratory stage.

### **Halaoui, Lara**

1. "Heteronanostructures of CdS and Pt Nanoparticles in Polyelectrolytes: Factors Governing the Self-assembly, and Light-induced Charge Transfer and Transport Processes", In Nanostructure Assemblies and Superstructures. Ed. Nicholas Kotov. New York: Marcel Dekker, Inc. **2004**, In Press (with S. Ghannoum, J. Jaber, M. Markarian and Y. Xin). Invited. Supported by URB.
2. "Increasing the Light Conversion Efficiency at Dye Sensitized Nanocrystalline TiO<sub>2</sub> Solar Cells by Localization of Light". Work Completed and paper being written (with N. Abrams and T. E. Mallouk). Support from a Fulbright Fellowship, Hewlett Foundation research leave, and NSF.
3. "Hydrogen Adsorption on Polyacrylate-capped Pt Nanocrystallites Assembled in Polyelectrolytes - An Electrochemical Study". Work Completed and paper being written (with M. Markarian). Support from URB and PRF.
4. "Studies of the dynamics of assembly of polyacrylate-capped metal and semiconductor nanoparticles in polyelectrolytes, including the effect of polyelectrolyte conformation, solution ionic strength, and nanoparticle size". Work in Progress. Support from URB.
5. "Enhancing hydrogen evolution at CdS and Pt nanoparticles assembled in polyelectrolytes through a proposed photogenerated-charge hopping from the

semiconductor quantum dot to the catalytic Pt surface". Work in Progress. Support from American Chemical Society, Petroleum Research Fund.

### **Hasanayn, Faraj**

1. "Quantum chemical investigation of alkyl radical carbonylation mediated by transition metal carbonyl complexes". Main topic for the MS thesis of Miss Nadeen Nsouli. Supported by URB.
2. "Study of Jahn-Teller Effect in the Singlet and Triplet States of  $d^8$ - $ML_3$  Transition Metal Complexes". Main topic for the MS thesis of Miss Isaaf Mouawad.
3. "Study of Secondary Isotope Effects in Migratory Insertion Reactions of Transition Metal Complexes". Project in initial exploratory stage.
4. "DFT Study of the Geometry and Energy Order of the Low Singlet and Triplet States of  $d^4 \eta^5$ -CpMo(CO)<sub>2</sub>X Complexes (X = Halogen, CN, H and CH<sub>3</sub>)". This study is complete and the results have been accepted for publication in *Inorganic Chemistry*. (With MarieZabel Markarian and Rasha Al-Rifai). Supported by URB.
5. "Calculations of the Roles of Enthalpy, Entropy and the Imaginary Frequency in the  $\alpha$ -Secondary Deuterium Kinetic Isotope Effects in Ionic and Ion-Pair S<sub>N</sub>2 Transition States". This study was initiated in the graduate course on Chemical Kinetics that I taught with Drs. Al-Ghoul and Sultan in the fall 2003. The study is complete, and the results have been submitted for publication to the *Journal of the American Chemical Society* (with Andrew Streitwieser and Rasha Al-Rifai). Rasha Al-Rifai was supported by URB.

### **Saliba, Najat**

1. "Emission of Nitrogen Dioxide from Butane Gas Heaters and Stoves Indoors". Work completed and paper submitted to *Atmospheric Environment* (with Marwan Ghosn, and Roula Flouty). Project supported by URB and LNCSR.
2. "Ambient levels of low carbonyl compounds along the coastal zone of Lebanon". Work completed and paper submitted to *Chemosphere* (with Cyril Chemali and Samar Moussa). Project supported by URB and USAID under the coastal zone management project.
3. "Understanding the correlation between the emission of CO, NO<sub>x</sub>, SO<sub>2</sub>, O<sub>3</sub>, and low carbonyl compounds". Results under study (with Mutassem El-Fadel, Civil Engineering Department; and Samar Moussa). Project supported by USAID under the coastal zone management project.
4. "Emission measurements and chemical inorganic composition of particulate matter, i.e. PM10 and PM2.5, in Borj Hammound". Initial exploratory stage (with Hovig Kouyoumdjian). Project supported by URB.
5. "Emission measurements and chemical organic composition of particulate matter, i.e. PM10 and PM2.5, in Forn Al Chebak". Initial exploratory stage (with Elizabeth Sepetdjian). Project supported by URB.
6. "Emission measurements of particulate matter, i.e. PM10 and PM2.5 indoors; Assessment of their health impact". Initial exploratory stage (with Ghada Al Kadamany) Project supported by URB.

### **The Initiative for Biodiversity Studies in Arid Regions (IBSAR) projects**

1. "Extraction and chemical profiling of Tf; an indigenous Lebanese plant showing anti-inflammation and anti-cancer activities". Analysis of the results and identification of the biologically active material are in progress (with Saada Dakdouki). Project supported by Mercy Corps under IBSAR (Initiatives for Biodiversity Studies in Arid Regions).
2. "Extraction and chemical profiling of Mp; an indigenous Lebanese plant showing anti-cancer and insecticidal activities". Analysis of the results and identification of the biologically active material are in progress (with Rima Ezzedine). Project supported by Mercy Corps and under IBSAR.
3. "Extraction and chemical profiling of Af; an indigenous Lebanese plant showing anti-cancer activities". Analysis of the results and identification of the biologically active material are in progress (with Wedian Saab). Project supported by Mercy Corps and under IBSAR.
4. "Extraction and chemical profiling of essential oil from *Salvia Triloba*". Work completed and paper submitted to *Phytochemistry* (with Amal Abu Hatab, Salma Talhouk and Riad Baalbaki, Horticulture Department). Project supported by LNCSR.
5. "Extraction and chemical profiling of essential oil from *Inula viscosa*". Work completed and paper being written (with Salma Talhouk, Horticulture Department; Cyril Chemali and Farah Zaknoun). Project supported by LNCSR under IBSAR.

### **Sultan, Rabih**

1. "Taming ring morphology in 2D  $\text{Co}(\text{OH})_2$  Liesegang Patterns", *Phys. Chem. Chem. Phys. (PCCP)*, **2004**. *In press* (with Z. Shreif, L. Mandalian and A. Abi-Haydar). Supported by URB.
2. "Density, fractal angle and fractal dimension in linear Zn electro-deposition morphology". Research completed and paper being written (with R. Saab). Supported by URB.
3. "Front propagation in patterned precipitation 3: composition variations in two precipitate stratum dynamics". Research completed and paper being written (with M. Al-Msharrafieh and M. Al-Ghoul). Supported by URB.
4. "Transition to complex rhythmicity in multiple-salt Liesegang systems". Work completed and paper being written (with M. Al-Msharrafieh).
5. "In-situ Simulation of geological self-organization". Striking similarities exist between Liesegang band formation and periodic zoning and stratification in rocks. While mathematical modeling of such systems is abundant in the literature, we present a first attempt to simulate this phenomenon in-situ, i.e. in real rock systems, and formulate the problem theoretically (with M. Al-Msharrafieh and M. Al-Ghoul). Work in progress. Supported by LNCSR.
6. "Acidity fronts and their stability in the chlorite tetrathionate reaction". Work in initial exploratory stage (with H. Bou-Ghannam).

### **Weppen, Peter**

1. "Chemical characterization of humic and fulvic substances in compost". This project aims at a comparative chemical characterization of organic polyvalent acids, which are formed during the biodegradation of organic matter. The formation depends on the raw material, processing conditions and average temperature, so composts made in Lebanon may differ seriously from products, which were made in Europe. Humic- and fulvic substances in particular have an important role as a temporary sink for organic pollutants and as natural ion-exchange material in soil. The project is at its initial exploratory stage. Supported by URB seed fund.

## **E. OTHER STAFF ACTIVITIES**

### **Al-Ghoul, Mazen**

1. Computer lab coordinator.
2. Academic advisor, senior Chemistry students.
3. Chair, Chemistry graduate committee.
4. Member, departmental committee to introduce a Ph.D. program in Chemistry.
5. Associate member, Center for Advanced Mathematical Sciences (CAMS).
6. Member, Arts and Sciences research committee.
7. Member, University publications committee.

### **Bouhadir, Kamal**

1. Member, medical admission committee.
2. Member, Arts & Sciences research committee.
3. Member, Central Science Research Laboratory Committee (CSRL).
4. Member, Chemistry equipment committee.
5. Academic advisor, junior Chemistry students.
6. Departmental safety officer.
7. Member of the thesis committees of Mohamad Dakdouki and Saada Dakdouki. Department of Chemistry.
8. Supervisor of the thesis work of Niveen Nasser, Bilal Abou Aleiwe, and Rania Shatila, Chemistry graduate students.
9. Member, Initiative for Biodiversity Studies in Arid Regions (IBSAR).
10. Member, American Chemical Society (ACS).
11. Member, Phi Lambda Upsilon (Honorary Chemical Society).

### **Fares, Fares**

1. Chairperson, Chemistry library committee.

### **Ghaddar, Tarek**

1. Member, Chemistry curriculum committee.
2. Member, Chemistry graduate committee.
3. Member, departmental committee to introduce a Ph.D. program in Chemistry.
4. Advisor, sophomore Chemistry students.
5. Member of the thesis committee of Mr. Mohammad Dakdouki (Chemistry).
6. Member of the thesis committee of Miss Niveen Nasser (Chemistry).
7. Member of the thesis committee of Mr. Bilal Abou Aleiwe (Chemistry).
8. Member of the thesis committee of Miss MarieZabel Markarian (Chemistry).
9. Member of the thesis committee of Miss Caroline Agha (Biology).
10. Member, American Chemical Society (ACS).

### **Haddadin, Makhlof**

1. Chair, Ad-Hoc Committee, FAS faculty affairs.
2. Member, Search Committee for Jewett professorship of Arabic.
3. Member, Board of Trustees, Balamand University.
4. Member, Space Committee (University).
5. Advisor, Chemistry graduate students.
6. Departmental seminar coordinator.

### **Halaoui, Lara**

1. Awarded a \$50,000 grant from the American Chemical Society, Petroleum Research fund for a project entitled: "Self Assembled Films of Semiconductor and Metal Nanoparticles in Polyelectrolytes: Assembly Dynamics and Photo-induced Charge Transfer and Transport Process".
2. Delivered an invited seminar entitled: "Semiconductors and Metals in Confined Dimensions: Nanoassemblies for Catalysis and Renewable Energy" (M. Markarian, S. Ghannoum, Y. Xin, J. Jaber, L. I. Halaoui). Department of Chemistry, the University of Cyprus, Nicosia, December 3, 2004.
3. Delivered an oral presentation entitled: "Assemblies of Metal and Semiconductor Nanoparticles for Renewable Energy" (M. Markarian, M. El-Harakeh, R. Makki, L. I. Halaoui.). Materials Research Society Meeting, San Francisco, CA, April 15, 2004.
4. Organized with M. Tabbal of Physics the *Forum on Materials Science 2003-2004* which hosted speakers from the region and abroad. Presented a seminar as part of this forum entitled: "Semiconductor and Metal Nanoparticles for Renewable Energy", Chemistry Department, AUB, December 16, 2004.
5. Reviewer for the Journal of the American Chemical Society (3 manuscripts).
6. Reviewer for *Langmuir* (2 manuscripts).
7. Reviewer for Chemistry of Materials (1 manuscript).
8. Proposal Reviewer for the National Science Foundation.
9. Proposal Reviewer for the American Chemical Society, Petroleum Research Fund.



10. MS thesis Advisor of MarieZabel Markarian.
11. Member of the Interfaculty Committee for Financial Aid, April 2004-present.
12. Advisor, sophomore Chemistry students.
13. Chair, Chemistry Equipment Committee.
14. Member, departmental committee to introduce a Ph.D. program in Chemistry.
15. Member, American Chemical Society.
16. Member, Materials Research Society.

### **Hasanayn, Faraj**

1. Member, Chemistry curriculum committee.
2. Member, Chemistry equipment committee.
3. Member, American Chemical Society (ACS).
4. MS Thesis Advisor for Nadeen Nsouli and Isaaf Mouawad.
5. Member, departmental committee to introduce a Ph.D. program in Chemistry.
6. Coordinated, supervised and administered the MS Comprehensive exam for the Chemistry graduate students.

### **Kasparian, Marie**

1. Chair, Chemistry curriculum committee.
2. Advisor, old junior and senior Chemistry students.
3. Chair, departmental committee to introduce a Ph.D. program in Chemistry.

### **Salameh, Abdu**

1. Member, Chemistry graduate committee.
2. Advisor, senior Chemistry students.

### **Saliba, Najat**

1. Member, Chemistry equipment committee.
2. ASHA grant coordinator and representative.
3. Active researcher in two Interfaculty programs at AUB: IBSAR and IGESP.
4. Head of the chemical profiling group in IBSAR.
5. Freshmen Advisor.
6. Served the thesis committee of Amal Abu Hatab, IBSAR.
7. Member of three thesis committees: two in IGESP and one in IBSAR.
8. Co-advisor of the Yoga club.
9. Member, American Chemical Society.
10. Member, American Geological Union
11. Directed the undergraduate research work of Marwan Ghosn (Chem. 299).

### Community involvement and services

1. Design of an essential oil manufacture and touristic place in North Lebanon as a part of an interdisciplinary proposal entitled "Holistic Landscape Approach to Biodiversity Use in Lebanon: Partnering with landowners".
2. Presentations related to pollution and environmental protection, in several private and public schools in North Lebanon as a part of the coastal management project undertaken by IGESP.

### Sultan, Rabih

1. Member, American Chemical Society (ACS) and New York Academy of Sciences (NYAS).
2. Chairman of the Chemistry Department.
3. Member, medical admissions committee (until September 30, 2003).
4. Advisor, Chemistry graduate students.
5. Refereed articles for publication in the journals: Physical Chemistry Chemical Physics (PCCP) and the Journal of Physical Chemistry.
6. Refereed research proposals for the Lebanese National Council for Scientific Research (CNRS), and the URB.
7. Directing the thesis work of Maysam Al-Msharrafieh and Hala BouGhannam, graduate students.
8. Department's web page coordinator.

### Weppen, Peter

1. Member, *VAAM*, German Society of Microbiologists, Section Environmental Microbiology.
2. Member, *DECHEMA*, Society for Chemical Engineering and Biotechnology, Section environmental technology and biotechnology.
3. Member, Chemistry curriculum committee.
4. Advisor of the Chemistry Students Society.
5. Member, departmental committee to introduce a Ph.D. program in Chemistry.

## **F. PUBLICATIONS**

### Al-Ghoul, Mazen

1. Lara Mandalian, Mazen Fahs, **Mazen Al-Ghoul** and Rabih Sultan , "Morphology, Particle Size Distribution and Composition in One- and Two-Salt Metal Oxinate Liesegang Patterns", *J. Phys. Chem. B* **2004**,108, 1507 – 1514.

### Bouhadir, Kamal

1. K. Y. Lee, **K. H. Bouhadir** and D. J. Mooney, "Controlled degradation of hydrogels using multi-functional cross-linking molecules" *Biomaterials* **2004**, 25(13), 2461-2466.

### **Haddadin, Makhlouf**

1. H. Ghali-Muhtasib, S. Sidani, F. Geara, M. Assaf-Diab, J. Al-Hmaira, **M. J. Haddadin** and G. Zaatari, "Quinoxaline 1,4-dioxides are novel angiogenesis inhibitors that potentiate antitumor effect of ionizing radiation", *International Journal of Oncology* **2004**, 24, 1121.

### **Halaoui, Lara**

1. M. Markarian, M. El-Harakeh, R. Makki and L. I. Halaoui, "Assemblies of semiconductor and metal nanoparticles for renewable energy". In: Nanostructured Materials in Alternative Energy Devices, Mat. Res. Soc. Symp. Proc. 2004, 882, S8.8-S8.13.
2. L. I. Halaoui, "Photoelectrochemistry in aqueous media at polyacrylate-capped Q-CdS assembled in a polyelectrolyte matrix on electrode surfaces", *J. Electrochem. Soc.* 2003, 150, E455-E460.
3. M. Markarian, J. Jaber, Y. Xin, S. Ghannoum and **L. I. Halaoui**, "Electrostatic self-assembly of metal and semiconductor nanoparticles in polyelectrolytes: assembly dynamics, and electrochemical behavior". In: Self-Assembled Nanostructured Materials. *Mater. Res. Soc. Proc.* **2003**, 775, 377-382.

### **Abstracts:**

1. N. M. Abrams, **L. I. Halaoui**, S. Nishimura, W. F. Paxton, S. Ayusman and T. E. Mallouk, "Exploring mesoscopic phenomena with nanoscale materials". 227th American Chemical Society National Meeting, Anaheim, CA, Abstracts of Papers INOR-348, **2004**.
2. S. Nishimura, N. M. Abrams, B. A. Lewis, **L. I. Halaoui**, T. E. Mallouk, K. Benkstein, J. van de Lagemaat and A.J. Frank, "Enhancement of energy conversion efficiency for nanocrystalline TiO<sub>2</sub> solar cells coupled to photonic crystals". 226th American Chemical Society National Meeting, New York, NY Abstracts of Papers INOR-379, **2003**.
3. S. Ghannoum, M. Markarian, Y. Xin, J. Jaber and **L. I. Halaoui**, "Self-assembled films of Pt and CdS nanocrystallites in polyelectrolytes: parameters determining the kinetics of assembly and photoelectrochemical behavior". 225th American Chemical Society National Meeting, New Orleans, LA, Abstracts of Papers PHYS-518, **2003**.
4. T. E. Mallouk, D. E. Wilson, **L. I. Halaoui**, B. A. Lewis, K. K. Lew, J. M. Redwing and T. S. Meyer, "Template synthesis and photoelectrochemistry of semiconductor nanocrystal arrays". Proceedings of the 26<sup>th</sup> Department of Energy Solar Photochemistry Research Conference, p. 111, **2003**.

### **Saliba, Najat**

1. H. Shaka and **N. A. Saliba**, "Concentration measurements and chemical composition of PM10-2.5 and PM2.5 at a coastal site in Beirut, Lebanon",

- Atmospheric Environment* **2004**, 38, 523.
2. C. Panja, E. C. Samano, **N. A. Saliba** and B.E. Koel, "Probing the chemistry of CH<sub>3</sub>I on Pt-Sn alloys", *J. of Surface Science* **2004**, 553, 39.

### **Sultan, Rabih**

1. L. Mandalian, M. Fahs, M. Al-Ghoul and **R. Sultan**, "Morphology, particle size distribution and composition in one- and two-Salt metal oxinates", *J. Phys. Chem. B* **2004**, 108, 1507-1514.

#### **Abstract:**

1. M. Msharrafieh and **R. Sultan**, "Transition to complex rhythmicity in multiple-salt Liesegang systems", 8th Experimental Chaos Conference (ECC8), June 14-18, **2004**, Florence, Italy. Book of Abstracts, Abstract No. 78, p. 111.

## **G. FUTURE DEVELOPMENT**

On the academic side, re-launching the Ph.D. program is the primary task that the Department is currently undertaking. We hope the program will start in October 2005-2006 (see part A). The Department is also expected to have a notable participation in the discussion of the Faculty-wide new guidelines for graduate work that will be initiated at the beginning of the next academic year.

In a new development, the list of all used textbooks in Chemistry courses will soon be posted on the web. This will allow a better communication and interaction with all the publishers, and will enhance the latter's keenness to update us on their latest textbook publications. Dr. Tarek Ghaddar is the new Department's bookstore coordinator. Out of the \$15,000 Library allocation for 2003-2004, the Department spent \$11,143 in the purchase of specialized Chemistry books. A task effort for that end was put by Dr. Fares Fares, the Library representative.

One major project ahead is the modernization of the freshman laboratories. From a special allocation on this year's budget (\$50,000), new setups with computer interfacing will be purchased, in a move to upgrade the freshman Chemistry teaching to international modern standards. The project was studied by a task team composed of Dr. Al-Ghoul and the Department's full-time instructors (Ms. Deeb, Ms. Jaber and Ms. Sadek).

Regarding the Department's computing facilities, an active directory (domain: chem) has been installed and configured successfully in our Department. All Chemistry students were given up to 50 Mb of storage on the server. A number of advanced computing and interactive software packages were installed for the students' use. The operation was supervised by Dr. Al-Ghoul (computer lab coordinator).

The Department pursued the renovation projects aimed at improving the working conditions of the Chemistry building. The second phase of the hoods projects was completed. Phase 3 has been completely designed and awaits funding. \$100,000 had been projected for 2003-2004, and the approval from ASHA is still pending. Beyond that stage, \$133,580 are needed to complete the project and will probably be split over another two years. The cold room is waiting for shipment of the packed waste, together with a temporary displacement of the solvents of potential use. After evacuation, the renovation will be initiated, in conformity with safety standards set by the Safety Center (see Annual 2002-2003). \$8,000 was approved in principle by the Provost as an emergency project. This project is facing bureaucratic delays and lengthy routine measures, due to evacuation and shipment requirements and protocols. All research labs and all the building corridors became equipped with telephone lines. The replacement of the old faucets in the teaching and research labs, by new ones, made of epoxy-coated brass (acid and corrosives resistant), is 65% through. An additional \$60,000 was projected for this year to complete the furnishing of the whole building. This budget is subject to ASHA approval. The wiring works for the installation of a fire alarm system were started in December 2003, and around 60% of the project has so far been completed (two floors + main control panel left). It is expected to be operational before next October. Replacement of the windows of the northern face of the building as well the installation of a second elevator will start to be implemented in the summer 2004 (budget for both projects approved and committed).

The Department's web site was fitted in a new design, and updated with new information. A new page on the site is under construction, where all update on capital projects will be published.

The space in the Chemistry building is being reorganized and redistributed in accordance with students' needs. Room 314 will be turned into a seminar room for use in the teaching of graduate courses. Funding has been requested for its adaptation. In the meantime, it is used as a study room by graduate students, and can be served by multimedia equipment placed on a movable tray, upon request. Room 324 (a former store room) was transformed into a students' lounge. The project of making room 009 a vast common room (and potentially, an exam room) is receiving attention, and funding is being raised for that purpose. The auditorium (room 001) was considered by "Al Waleed Bin Talal Foundation" as a good candidate for a naming opportunity with a full rehabilitation gift. The wooden cabinets and drawers in classrooms 101 and 001 were replaced by new, veneer-coated (oak) ones. Room 101 was decorated with a giant, largely detailed periodic table.

The enrichment of AUB lab facilities in modern scientific equipment is a major advancement in line with the University's mission of becoming a leading institution of modern scientific research in the area. Sophisticated Chemistry instruments were received and installed (some are about to be) partly in the Chemistry building, and partly in the Central Science Lab. Major instruments include an ozone generator, a UV-Vis-NIR spectrophotometer, a BET surface area analyzer, an ion-chromatograph,

a potentiostat and a computer-controlled multilayer formation device. The request of a central air compressor was sent for bidding, and is expected to be installed in the summer. Each lab will be furnished with at least one outlet. ASHA and University funds were generously donated to fund the purchases. The ASHA list for 2002-2003 was finally approved, which enabled the Department to initiate a gradual improvement in its basic laboratory supplies, including complete, specialized kits for the Organic Chemistry teaching labs. A list of equipment and capital projects was worked out over a three-year projection (2004-2007). Out of these, a selection based on priorities was included in the 2004-2005 ASHA proposal. A memo was addressed to the Dean emphasizing the necessity to increase the supplies budget, notably due to growing demand on research supplies following the significant increase in the number of graduate students in Chemistry.

Safety issues continue to be scrutinized. Safety training sessions, lectures and orientation meetings were organized in conjunction with the Safety Center for the guidance of students, instructors and teaching assistants. Safety training courses (notably fire and electric safety) were attended by the Chemistry technical staff. The status of room 501 as a temporary storage room (required by the Safety Center from every concerned Science department) raised awareness about the necessity to build a specialized center for waste storage and processing. The current practice is to ship the waste in a periodic manner, an operation handled by a specialized company, and supervised by the Safety Center. To alleviate the problem in the meantime, the purchase of special containers was placed on next year's capital projects budget (2004-2005), as a first priority item.

There is so much yet to be done, but the initiation of so many projects, coupled to strong University support sounds promising. The recruitment of young and dynamic faculty, the continuing developments in curriculum and improvement in lab facilities will certainly pave the way toward a close inauguration of the Ph.D. program.

R. Sultan  
Chair

# CIVILIZATION SEQUENCE PROGRAM

## A. SUMMARY OF PROGRAM

The restructured Civilization Sequence Program (CVSP) introduced a new core option, *Epics: Text and Context* (CVSP 207E/ 208E) in keeping with our ongoing quest to fulfill our basic mandate to provide students with a broad exposure to influential texts that have shaped our contemporary human consciousness. Learning objectives and teaching outcomes were discussed, with a special focus on the issue of ‘critical skills’: how to define it as well as how to measure it.

Newcomer Stephen Sheehi offered the CVSP 250 and 251 courses on civilization through the arts. Visiting Professor Robert Myers of the English Department offered a new CVSP 295 offering entitled *Drama in a Cross Cultural Context*. Dr. Lina Abiad presented a workshop play production (CVSP 284) in Arabic, based on Mahmoud Shreih’s *Yawmiyyat Muhajir* (يوميات مهاجر). Profs. Meers and Deeb provided a number of Musical events including a celebration of Marc-Antoine Charpentier’s work. Neville Assaad-Salha (Sculpture) joined our full time faculty in the Spring semester, mentoring his students in an exhibition at year’s end.

The traditional Arts exhibitions in Drawing, Painting, and Ceramics rounded off the year’s activities, with David Kurani, Amal Muraywed, Hussein Yaghi, Helen Karam, Magda Sleiman-Mabrouk, and Mike Bray’s students contributing.

The final major event of the year was an original dramatization of *The Epic of Gilgamesh* involving over a hundred students and faculty members (including Shebay’a, Kurani, Abdunnur, and Hassan).

Under the heading “Civilization: Clash or Concert?” the CVSP Forum hosted three public lectures as listed in the next item below:

### THE FORUM OF THE CIVILIZATION SEQUENCE PROGRAM 2003 – 2004

**Coordinated by: Karen Pinto**

1. December 17, 2003: Dr. Glen W. Bowersock: “Religion – The Open Frontier of the Civilizations of Classical Antiquity”
2. March 11, 2004: Dr. Richard W. Bulliet: “The Case for Islamo-Christian Civilization”
3. May 18, 2004: Dr. Felipe Fernandez-Armesto: “Understanding Misunderstanding: A Short Global History of Culture”

## **B. PERSONNEL**

### **Academic**

Abdunnur, Sharif	MA	Instructor	CVSP
Abiad, Lina	PhD	Lecturer	CVSP (pt)
Akl Koury, Loullou	PhD	Lecturer	CVSP (pt 2 <sup>nd</sup> semester)
Al Ass'ad, Maha	MA	Instructor	Engl. & CVSP (2 <sup>nd</sup> semester)
Amyuni, Mona	PhD	Associate Professor	CVSP
Arabi, Ousama	PhD	Lecturer	CVSP (1 <sup>st</sup> semester)
Arasoghli, Aida	MA	Instructor	CVSP
Ass'ad Salha, Neville	MFA	Senior Lecturer	CVSP (2 <sup>nd</sup> semester)
Azzam, Intisar	PhD	Assistant Professor	SBS
Bardawil, Ousama	MA	Instructor	CVSP (1 <sup>st</sup> semester)
Bayer, Mark	PhD	Assistant Professor	Engl. & CVSP
Bray, Micheal	MFA	Lecturer	CVSP
Bu-Alwan, Hayat	PhD	Lecturer	CVSP (pt 2 <sup>nd</sup> semester)
Deeb, Reem	DM	Lecturer	CVSP
Dibo, Amal	MA	Instructor	CVSP
Faddoul, Atif	PhD	Lecturer	CVSP (pt)
Hamati-Ataya, Inana	MA	Instructor	CVSP & PSPA
Harb, Serine	PhD	Assistant Professor	English
Hassan, Hani	MA	Instructor	CVSP & Phil.
Heath, Peter	PhD	Provost	Arabic (1 <sup>st</sup> semester)
Hout, Syrine	PhD	Assistant Professor	Engl. & CVSP
Jarrar, Maher	PhD	Associate Professor	CVSP
Karam, Helen	DES*	Lecturer	CVSP & Eng'g.
Khoury, Samira	M.A.	Instructor	CVSP
King, Diane	PhD	Assistant Professor	SBS & CVSP
Koistinen, David	PhD	Assistant Professor	Hist. & Arch. (1 <sup>st</sup> semester)
Kurani, David	Dipl.**	Senior Lecturer	CVSP
Long, Andrew	PhD	Assistant Professor	Engl. & CVSP
Mabrouk-Suleiman, Magda	MA	Instructor	Educ. & CVSP (1 <sup>st</sup> semester)
Malette, Karla	PhD	Assistant Professor	CVSP
Meloy, John	PhD	Assistant Professor	History & Arch.
Meers, Paul	DM	Assistant Professor	CVSP
Moussalli, Ahmad	PhD	Associate Professor	PSPA & CVSP
Muraywed, Amal	PhD	Senior Lecturer	CVSP
Myers, Robert	PhD	Assistant Professor	Engl. & CVSP
Nassar, C. Suhail	PhD	Associate Professor	Engl. & CVSP
Pinto, Karen	PhD	Assistant Professor	CVSP
Samaha, Raid	MA	Instructor	CVSP & Phil.
Shebaya, Peter	MA	Senior Lecturer	CVSP ( <b>Director</b> )

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\* D.E.S. Leb.University.

\*\* Diploma in Acting, Bristol Old Vic Theater School



Sheehi, Stephen	PhD	Assistant Professor	CVSP
Smith, Richard	PhD	Associate Professor	CVSP & SBS
Tomeh, Edmond	MA	Instructor	CVSP (pt)
Wrisley, David	PhD	Assistant Professor	CVSP
Yaghi, Hussein	PhD	Associate Professor	Educ. & CVSP (2 <sup>nd</sup> semester)

### **Assistant Instructor**

Hanna, Zalfa	BA		CVSP
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### **Graduate Assistants**

Abdel Latif Rana	BA	(1 <sup>st</sup> & 2 <sup>nd</sup> semester)
Aoun, Najwa	BA	(1 <sup>st</sup> & 2 <sup>nd</sup> semester)
Houssami, Maha	BA	2 <sup>nd</sup> semester)
Khoury, Hala	BA	(1 <sup>st</sup> & 2 <sup>nd</sup> semester)
Mousalli, Salah	BA	(1 <sup>st</sup> semester)

### **Non-academic**

Attiyeh, Mona		Secretary
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## **C. TEACHING**

### **Fall Semester 2003-2004**

#### **Core Curriculum**

CVSP 201	16 Sections	402 students
CVSP 202	10 Sections	243 students
CVSP 203	14 Sections	275 students
CVSP 204	13 Sections	305 students
CVSP 205	10 Sections	218 students
CVSP 207C	1 Section	25 students
CVSP 207E	2 Sections	49 students
<b>Total Number of Students:</b>	<b>1517 students</b>	(Previous year 1658)

#### **Elective Courses**

CVSP 110	1 section	25 students
CVSP 111	1 section	25 students
CVSP 150	1 section	25 students
CVSP/Art 220	2 sections	38 students
CVSP/Art 222	1 section	21 students
CVSP/Art 223	1 section	9 students
CVSP/Art 229	2 sections	34 students
CVSP/Art 229B	1 section	15 students
CVSP/Art 233	2 sections	30 students
CVSP/Art 234	1 section	0 students
CVSP/Music 240	1 section	16 students

CVSP/Music 242	1 section	16 students
CVSP/Music 242A	1 section	3 students
CVSP/Music 242B	1 section	5 student
CVSP/Music 243	1 section	3 student
CVSP/Music 243B	1 section	2 student
CVSP/Music 246	1 section	23 students
CVSP/Music 247	1 section	11 students
CVSP/Music 261	1 section	20 students
CVSP/Theater 265	1 section	32 students
CVSP/Theater 267	1 section	16 students
CVSP/Theater 270	1 section	36 students
CVSP/Theater 283	1 section	22 students
CVSP/Theater 284	1 section	18 students
CVSP/French 201	1 section	28 students
CVSP/French 202	1 section	23 students
CVSP/French 216	1 section	11 students
<b>Total Number of Students:</b>	<b>507 students</b>	(Previous year 518)
<b>Total Number of All Students:</b>	<b>2024 students</b>	(Previous year 2176)
<b>Total Number of Credit Hours:</b>	<b>282</b>	(Previous year 278)

*Spring Semester 2003-2004*

**Core Curriculum Courses**

CVSP 201	13 sections	375 students
CVSP 202	13 sections	325 students
CVSP 203	5 sections	175 students
CVSP 204	14 sections	375 students
CVSP 206	7 sections	175 students
CVSP 208E	2 sections	71 students
<b>Total Number of Students:</b>	<b>1496 Students</b>	(Previous year 1652)

**Elective Courses**

CVSP 110	1 section	25 students
CVSP 112	1 section	28 students
CVSP 150	2 sections	52 students
CVSP/Art 220	2 sections	36 students
CVSP/Art 222	1 section	20 students
CVSP/Art 223	1 section	20 students
CVSP/Art 224	1 section	18 students
CVSP/Art 229	2 sections	34 students
CVSP/Art 229B	1 section	5 students
CVSP/Art 233	2 sections	35 students
CVSP/Art 234	1 section	13 students
CVSP/Music 241	1 section	26 students
CVSP/Music 242	1 section	16 students

CVSP/Music 242A	1 section	10 students
CVSP/Music 242B	1 section	1 student
CVSP/Music 243	1 section	7 students
CVSP/Music 243A	1 section	1 student
CVSP/Music 243B	1 section	0 students
CVSP/Music 244	1 section	22 students
CVSP/Music 246	1 section	20 students
CVSP/Music 248	1 section	4 students
CVSP/Art 251	1 section	25 students
CVSP/Theater 265	1 section	20 students
CVSP/Theater 274	1 section	18 students
CVSP/Theater 283	2 section	50 students
CVSP 295DR	1 section	20 students
CVSP/French 201	1 section	26 students
CVSP/French 202	1 section	16 students
CVSP/French 215	1 section	21 students
<b>Total Number of Students:</b>	<b>589 students</b>	(Previous year 604)
<b>Total Number of All Students:</b>	<b>2085 students</b>	(Previous year 2256)
<b>Total Number of Credit Hours:</b>	<b>252</b>	(Previous year 269)
<b>Total (students) for Both Semesters:</b>	<b>4109 students</b>	(Previous year 4432)
<b>Total (credit hours) for Both Semesters:</b>	<b>534</b>	(Previous year 547)

## **D. RESEARCH**

### **Assad-Salha, Neville**

1. May 2004: Paper on development of large scale sculptural objects as public art. (In conjunction with Ceramic Sculpture Conference coordinator, Janet Mansfield). Source of Funds: Partly funded by conference convener. Partly funded by self.
2. August 2004: Paper to be given at the National School of Art (University of NSW, Sydney, Australia) on contemporary art practice. Source of Funds: Wholly funded by self.
3. October 2004: Researching cultural diversity in preparation to deliver at the South Australian University, Adelaide, Australia, (In conjunction with the symposium titled '*trompe l'oeil*' coordinator, Dr. Pam Zeppelin). Source of Funds: Partly funded by symposium convener, (University of South Australia). Partly funded by self.

### **Deeb, Reem**

On Oriental Singing: Style and Technique in the Middle East. In Progress, Spring 2003 and Spring and Summer 2004. *The use of singers of the "Superstar I and II" search in collaboration with Future TV and The Specialty Voice Center of Lebanon.*

### **Hassan, Hani**

Ongoing research into the interplay of language, truth and power, as well as the 'supremacy of culture' and its relation to politics, in the works and philosophy of F. W. Nietzsche.

### **Kurani, David**

Ongoing research in portrait painting in the new water-soluble oil colors. Commissions accepted for two such items for Lebanese American University. Also ongoing work in stage and landscape design, studio and plein-air painting in watercolors and mixed media.

### **Mallette, Karla**

1. Sections on medieval Sicilian poetry in Arabic and Italian, medieval Italian poetry in Provençal, and medieval Italian didactic poetry in preparation for *Anthology of Italian Poetry from the Middle Ages to the Present* (Lorenzo da Ponte Italian Library, University of Toronto Press)
2. Review of Maria Rosa Menocal, *The Arabic Role in Medieval Literary History: A Forgotten Heritage*, in preparation for *Bulletin of the Royal Institute for Interfaith Studies*, 'Amman, Jordan
3. "Dante and the Divine Comedy" (encyclopedia article), submitted to *Italian Literature and its Times*, Moss Publishing
4. "Dante e l'Islam: Sul canto III del *Purgatorio*" (article) submitted to *Lettere italiane*
5. "Orientalism and the Nineteenth Century Nationalist: Michele Amari, Ernest Renan, and 1848" (article) forthcoming in *Romanic Review*
6. *Translating Sicily* (book), accepted for publication

### **Saumarez Smith, Richard**

#### **Research in progress**

1. "Land, society and state in Qada `Ajlun (north Jordan), 1870-1940", in conjunction with Martha Mundy. This is a major long-term project begun before we came to AUB in October 1993. It involves analysis of all local documentation concerning four selected villages in north Jordan (Ottoman and Mandate land registers, census records, court records) for the period 1870-1940 from late Ottoman rule to the British Mandate, combined with interviews with older members of the villages. A joint monograph based on this work is nearing completion and we are at the stage of looking for a publisher. During summer

2004 we shall be writing a concluding chapter and I shall be drawing a number of genealogies and maps.

2. “Technologies of imperial rule”. I have been looking at the development of pivotal techniques of government administration in nineteenth century British India (cartography, land registration and the census) posing questions for comparison with Ottoman rule during the same period and relating it to ways of imagining society and to the rise of sociology. One article has been published this year on the topic.

### **Sheehi, Stephen**

Currently researching the history of Arab photography and its relation to the creation of consumer culture and capital reproduction and accumulation in Lebanon between the mid-19th century and Lebanese Independence. I am in the process of researching not only photographic archives but also researching discourses economy, art, culture, public hygiene, urban growth and design, and civil society as expressed in fiction, non-fiction, and the popular press of the time. I have most recently received funding from the CBR to under-right research at the photography archive at the Getty Museum. University of Minnesota Press has expressed interest in the book process but I am initially working on it as a series of articles.

### **Wrisley, David**

1. “Oriental History and Geography at the Court of Burgundy: the case of ms. BNF f. fr. 9087” (article, research complete, writing for submission)
2. “Mapping Christian Space in Jean Germain's *Mappemonde Spirituelle* (1449)” (article, research underway)
3. “Burgundian ideologies and Jean Wauquelin’s Literary Rewritings” (book chapter) in preparation for “The Ideology of Burgundy,” Ed. Jan Veenstra and Jonathan Boulton. E.J. Brill, Leiden, Netherlands.
4. “‘Un lac appelé Allefabter’: A Reconsideration of the Story of the Queen of Sheba and Solomon in the *Book of the City of Ladies*” (article) forthcoming in *Une voix féminine lyrique, politique et didactique*, Ed. Roman Reisinger (Salzburg-Anif : Müller-Speiser). 17pp.
5. “Aldo Busi,” (encyclopedia article) submitted to *Dictionary of Literary Biography: Contemporary Italian Fiction*. Eds. Manuela Gieri and Luci Somigli (Columbia, S.C.: Gale Publishing). 25pp.

## **E. OTHER STAFF ACTIVITIES.**

### **Abdunnur, Sharif**

1. Acted as the lead role, 'Gilgamesh', in this year's CVSP annual production entitled "The Epic of Gilgamesh".

2. Launched a new professional / semi-professional theater troupe: "Masrah Al Arab" web address: [www.masrah-al-arab.org](http://www.masrah-al-arab.org) .

### **Assad-Salha, Neville**

1. 2002 – 2004: Research Fellow, University of South Australia.
2. 1997 – 2004: Continue studying for PhD, (Fine Art), at Monash University.
3. 2003 – 2004: Supervising Masters students for the University of South Australia.
4. Jul. 2003 – Dec. 2003: Head of Ceramics (Sculpture), AIT (Art School, Helpmann Academy)
5. 2003: Mentorship for Honours student at SA school of ART, Uni SA.
6. 2003: Head of Ceramic Workshop and Studio at JamFactory Contemporary Craft & Design, Adelaide, South Australia.
7. 2003: Coordinator of Artists-in-Residencies at JamFactory.
8. 2003: Examiner for PhD Student at RMIT University, Melbourne, Victoria, Australia.

#### Workshops:

1. 2004: "Clay Modern" Ceramic Sculpture Conference, Gulgong, (Sydney), NSW, Australia. Organised building and on site firing of several very large clay sculptures in outdoor setting.
2. 2003: Various workshops at Jam Factory of Contemporary Arts.

#### Slide Lectures:

1. 2004 May: "Clay Modern" Ceramic Sculpture Conference, Gulgong, (Sydney), NSW, Australia.
2. 2003: Various at JamFactory of Contemporary Arts.

#### Interviews:

1. 2004 May: International Magazines (China, Australia and America)
2. 2003 Jul: Channel Nine Television Station, "Postcards" documentary.
3. Sept.: Channel Nine Television Station, "Getaway" Lifestyle show.

#### Paper given:

1. 2004 May: "Clay Modern" Ceramic Sculpture Conference, Gulgong, (Sydney), NSW, Australia.
2. 2003 May: Masters and P.H.D. Program, University of Adelaide.

#### Commissions:

1. 2004: Sound Sculpture, Sydney, Australia. 'Twin Domes' at Gulgong, via Sydney, NSW, Australia.
2. 2003: Hyatt Hotel, Adelaide, South Australia. Minister of Arts, Adelaide, South Australia

### **Bray, Mike**

Assisted with the animal heads for the "Epic of Gilgamesh", AUB Assisted with arranging the end of year exhibition for the art students at AUB.

### **Deeb, Reem**

Advisor to AUB Music Club. Coached students individually on their songs to be performed in karaoke competitions and music club activities throughout the year. Often met with them in the weekends.

### **Hassan, Hani**

1. March 8, 2004: CBR Brownbag presentation: *Language, Untruth and Overpower in Nietzsche: Language Being the Human Becoming*; part of ongoing research into politics and language in the philosophy of F. W. Nietzsche.
2. March 16, 2004: CVSP 204 general lecture on Nietzsche: *Friedrich W. Nietzsche: Philosophy with a Hammer*
3. April 19, 2004: CVSP 206 general lecture on Nietzsche: *Friedrich W. Nietzsche: Philosophy with a Hammer*
4. Oct. 2003 – Present: faculty advisor to the AUB Drama Club
5. Oct. 2003 – Present: faculty advisor to the AUB Human Rights and Peace Club

### **Jarrar, Maher**

#### Lectures, Conferences and Other activities:

1. "Sexuality, Fantasy & Violence in Lebanon's Post-War Novel: Rashid al-Da'if, *Tistifil Myrell Strip*, Elias Houry, *Yalo & Alawiyya Subh*, *Maryam al-hakāya*," a paper read at a Conference on *Sexuality in the Arab World*, organized by Center for Behavioural Research (AUB) & University of Oxford, Beirut, Dec. 5-7, 2003.
2. Discussant of a book "al-Nazra al-riwā'iyya ilā al-harb al-Lubnāniyya, 1975-1995," together with M. Dakrūb & G. Dorlian, in *Al-Majlis al-Thaqāfi li Lubnān al-Janūbī*, January 29, 2004.
3. "Images of Christ in the Modern Arabic Novel," a lecture given at the NEAR EASTERN SCHOOL OF THEOLOGY (Beirut), February 19, 2004.
4. A Reading from 'Abd al-Rahmān Munīf's *Ard al-sawād* in the Third Anniversary of Beirut's Public Library: 'Abd al-Rahmān Munīf in Memoriam, February 20, 2004.
5. Organized a conference at AUB "The Sociology of the Lebanese Civil War Novel," THE ANIS MAKDISI PROGRAM IN LITERATURE, May 14-16, 2004.

### **Karam, Helen**

- 2003 Participation in Sharjah 8<sup>th</sup> International Bienal of Artists by a research titled “Globalization and Visual Arts” published in *Al Sourat* Magazine documentation of Sharjah 8<sup>th</sup> International Bienal of Arts.
- 2003 April: *Al Nahar* Cultural Supplementary

#### Interviews:

- 2003 March: interview published by *Cedar Wings* magazine distributed by MEA on all their flights
- 2004 Interview with Future local TV Broadcast titled “The Human Model in Arts”
- 2004 Interview with *Al Manarat* Magazine Abu Dhabi titled “The Body Language” issued May 2004

### **Kurani, David**

#### Art Shows- responsible for

- Dec. 2003 Arthur Frick lecture and art show; brought and arranged works for public exhibition in Issam Fares Hall sponsored by President’s Committee for an Arts Center.
- May 2004 Organized “*Afternoon Art Show*”; an end-of-term showing of the artwork of the students of ten CVSP/Art classes+ Education 290: Special Topic, Visual Art in Education.

#### Committee Work and other

- 2003-04 Member of the President’s Committee for an Arts Center at AUB.  
Member of the FAS Dean’s Committee for the Restoration of the Department of Fine Arts. This involves formulating a proposal for a theater section of a future Fine Arts Department, including curriculum, staff, physical space needs and degree requirements.  
AUB Representative for the Anglo-American Cemetery Committee.
- April-May 2004 Television appearances on 6 programs as guest advisor on stage technique for the Superstar show, Future TV.

### **Mallette, Karla**

1. “Translations, Counterfeits, and Modern Mediterranean Literature.” The Anis K. Makdisi Program in Literature, American University of Beirut, 2004.
2. “Orientalist Philology and National Narrative in Mediterranean Europe.” *Modernity and Modernism in the Mediterranean*, University of Toronto, 2003.
3. “European Modernity and the Arab Mediterranean.” Center for Arabic and Middle East Studies, American University of Beirut, 2003.



### **Meers, Paul**

1. *French Façades and Italian Interiors: The Music of Marc – Antoine Charpentier*. Talk given to the CS Brown Bag Lecture Series, May 13, 2004.
2. *Second Annual Choral Classic Workshop for High School Students* with the AUB Choir and Choral Society, from 12 Lebanese High School and the English School, Nicosia, Cyprus. Workshop clinician and conductor of a performance of F. J. Haydn's *Missa brevis sancti Joannis de Deo*, Hob. XXII 7. March 19-20, 2004.
3. AUB Commencement Ceremony. Conductor, June 26, 2004.
4. Recording of Lebanese National Anthem and AUB Alma Mater. Conductor, Assembly Hall, June 25, 2004.
5. Hostler Center Groundbreaking Ceremony Choir Performance. Conductor, April 11, 2004.
6. Malcolm Kerr Memorial Service Choir Performance. Conductor, January, 2004.
7. Founders' Day Choir Performance. Conductor, December, 2003.
8. President's Club Choir Performance. Conductor, Marquand House, October. 15, 2003.
9. Opening Ceremony Choir Performance. Conductor, Assembly Hall, October, 2003.
10. Planning and sponsorship meetings with PC-Akenine, leader of *Les Folies Françaises*, Le Centre de musique baroque de Versailles, Charpentier biographer Catherine Cessac, Le Société Charpentier, Jean-Jacques Allain, president.
11. Yoyo Ma Masterclass. Coordination with Yoyo Ma's organization, AUB, and the Lebanese National Conservatory, Assembly Hall. Proposed for June 29, 2004.
12. Recital by *Les Folies Françaises*, Patrick Cohën-Akenine, baroque violin and Freddy Eichelberger, organ. Coordinator and with the French Cultural Mission of Lebanon, Irène Bourse, cultural attaché, and the administration of *Les Folies Françaises*, Paris.
13. Hosting of visiting French musicians, including visits to Jbeil, Damascus, Beiteddine, and sites in the Chouf. May, 2004.
14. Audio recording, editing and production oversight of digital audio and video recordings for choral, recital, and chamber music concerts.

### **Saumarez Smith, Richard**

1. Freshman advising and registration for the Arts. 2001-02, continuing from 1998.
2. Curriculum Committee, Faculty of Arts & Sciences, October 2003 to present.

### **Sheehi, Stephen**

As this was my first year at AUB, I chose not to participate in conferences where I had papers accepted at two conferences (MESA and Southern University conferences on Cultural Studies). Likewise, I have resigned from the presidency of the Lebanese Studies Association. I did however accept invitations to speak at CAMES and the Makdisi Lecture series.

## **Wrisley, David**

1. "Le lac Allefabter: A Reconsideration of the Story of Solomon and the Queen of Sheba in Christine de Pizan's *Book of the City of Ladies*." The 5<sup>th</sup> International Christine de Pisan Studies Conference, Salzburg, Austria, July 2003.
2. "Holy Lands and Profane Travelers in the 15<sup>th</sup> century (Guillebert de Lannoy, Emanuele Piloti, Bertrandon de la Broquière)." The Anis K. Makdisi Program on Literature Series, American University of Beirut, Beirut, Lebanon, March 2004.

## **F. PUBLICATIONS**

### **Abdunnur, Sharif**

#### Artwork:

1. Designed poster and program (46 full color pages) for the annual CVSP major outdoors play production: "The Epic of Gilgamesh"
2. Website Design and webmaster for the major outdoors play production: "The Epic of Gilgamesh" Web address: [www.gilgamesh.8k.com](http://www.gilgamesh.8k.com)

#### Major Theater Production:

Producer and designer major CVSP play production, "The Epic of Gilgamesh"

#### Music:

Produced a full soundtrack based on the book the "Epic of Gilgamesh" the soundtrack is titled "Gilgamesh: An Interpretation in Percussions" as well as writing the score for one of the tracks. The CD was published locally and internationally. ISBN/ ASIN: 0-7639-0738-3

### **Assad-Salha, Neville**

- 2004 Yanze Jiang, pp 54-55, "CHINESE CLAY ARTISTS" Summer/Autumn 2003  
2003 "ART AND PERCEPTION" Magazine  
"POTTERY IN AUSTRALIA" Magazine

### **Bray, Mike**

#### Art exhibitions:

- July 2003 Summer Group Exhibition, Espace SD, Gemmayze, Beirut  
August 2003 Bazart, Zico House, Hamra, Beirut  
Dec-Jan 2003-04 Salon d'Autonme, Nicolas Sursock Museum, Achrafieh, Beirut

### **Deeb, Reem**

#### Performances:

Fall 2003:

1. Soprano Soloist. AUB Choir Christmas Concert, December 15. Assembly Hall

2. Guest Soprano Soloist. Balamand Choir Christmas Concert National Evangelical Church of Beirut, December. Balamand Abbey
3. Soprano Soloist. President's Club Celebration. Marquand House, AUB, October 24.
4. Guest Soloist. AUB Opening Ceremony. Assembly Hall, October 6
5. Guest Recital. Founder's Ceremony Beshmizzine High School. Beshmizzine, Lebanon, October 4

### **Hassan, Hani**

#### Major Theater Production:

Assistant Director, in the major play production **Gilgamesh**, a theatrical adaptation of *The Epic of Gilgamesh*.

### **Jarrar, Maher**

#### Articles:

1. "Tafsīr Abī 'l-Jārūd 'an al-Imām al-Bāqir: musāhama fī dirāsāt al 'aqā'id al-Zaydiyya al-mubakkira," *Al-Abhāth*, 50-51 (2002/03), 37-94.
2. "Al-'Irāq, Filastīn wa-humūm al-riwāya: an interview with 'Abd al-Rahmān Munīf," *Majallat al-Dirāsāt al-Filastīniyya*, 57 (2004), 5-24.

#### Obituary articles:

1. "Yawma hamalanī al-Shaikh ilā Ain Ghazāl" (Ihsān 'Abbās), *Al-Nahār*, 21691 (Thursday, August 7, 2003), 19.
2. "Al-Māystrū" (Edward W. Said), *Al-Nahār Literary Supplement*, 604 (October 5, 2003), 1-3.
3. "Muthaqqaf al-shabāb" ('A. Munīf), *Al-Nahār Literary Supplement*, 621 (February 1, 2004), 8-9.

#### Book reviews:

1. *Commanding Right and Forbidding Wrong in Islamic Thought*, by Michael Cook (Princeton, NJ: Princeton University Press, 2000), *Journal of Islamic Law and Society*, 11:1 (2004), 137-145.
2. *Literaturen im Kontext: arabisch – persisch – türkisch*, Hrsg. B. Embaló, A. Neuwirth, Priska Furrer, R. Wielandt und R. Würsch. Bd. 1: *Understanding Near Eastern Literatures*, eds. Verena Klemm & Beatrice Gründler. Wiesbaden: Dr. Ludwig Reichert Verlag, 2000; Bd. 2: *Friederike Pannewick, Das Wagnis Tradition. Arabische Wege der Theatralität*. Wiesbaden: Dr. Ludwig Reichert Verlag, 2000, *Al-Abhāth*, 50-51 (2002/03), 165-171.
3. *The Epistle of Sālim ibn Dhakwān*, by P. Crone and F.W. Zimmermann (Oxford, UK: Oxford University Press, 2001), *MESA BULLETIN* (in Press).

## **Karam, Helen**

### Art exhibitions:

- |      |         |  |
|------|---------|--|
| 2004 | January | 12 <sup>th</sup> Personal Exhibition “ Buchari Gallery” Kuwait City, Kuwait. |
|      | June    | Collective Exhibition, UNESCO Palace, Beirut Lebanon                         |
|      | June    | Personal Exhibition “Al Mada Gallery” Beirut                                 |

## **Kurani, David**

### Play Productions:

1. May 2004: Epic of Gilgamesh- Co-producer and co-designer. Total- theater style, constructivist setting (the first of this type on West Hall stage). Notable for this year was the assembling of wire-sculpture animals and larger-than-life sized puppets.

### Art Shows- participation in:

1. July 2003: Deir El Kamar Artist’s Day show and exhibit- Entry by selection and invitation.
2. April 2004: Tunis Biennale- juried selection of artworks and resulting invitation to participate. Although I did not attend, the selection of my work by an international panel is in itself a credit.

### Published Illustrations:

1. 2003-04: Ongoing work in illustrations in watercolor and ink for, “Oukoud al Kalam”, Dar al Mashrek Publishers: grade 6 edition.

## **Malette, Karla**

1. “Misunderstood.” *New Literary History* 34 (2003): 437-457.
2. “*Translating Sicily.*” *Medieval Encounters: Jewish, Christian and Muslim Culture in Confluence and Dialogue* 9 (2003): 138-161.
3. “*Terra Recognita: Excursus on the Literary History of Sicily.*” *Mediaevalia* 24 (2003): 125-146.
4. Review of Jareer Abu-Haidar, *Hispano-Arabic Literature and the Early Provençal Lyrics. Al-Abhath* 50-51 (2002-3): 218-21.

## **Meers, Paul**

*A Meeting of Cultures. A Celebration of Marc-Antoine Charpentier (1643 – 1704) and Living Composers of Lebanon.*

Conductor and coordinator of AUB Choir and Choral Society’s spring concert with *Les Folies Françaises*, Patrick Cohën-Akenine, Leader (first violin and solo), and members of the National Orchestra of Lebanon. Presented in collaboration with The Charpentier Society, The Baroque Music Center at Versailles, *Les Folies Françaises*, and The Cultural Mission of France in Lebanon. World premieres were performed by Paul Meers (4 works) and Joëlle Khoury. Notices of this concert was published by *La Société*

*Charpentier* in France, and on the World Wide Web Reviews were published in the local newspapers *L'Orient le jour* and *Al Mustaqbal*. May 18, 2004, Assembly Hall.

### **Saumarez Smith, Richard**

#### **Published articles**

Richard Saumarez Smith, 2004, "Mapping landed property: A necessary technology of imperial rule?" in Huricihan Islamoglu (ed.), *Constituting modernity: Private property in East and West*, London: I.B. Tauris, for the European Science Foundation, pp. 149-179.

### **Shebay'a, Peter**

Directed an original dramatization of *The Epic of Gilgamesh*. This provided an audio-visual event for the hundreds of students at AUB and throughout Lebanon who study this text. The attempt was made to highlight the perennial human elements in this vision of our human condition, in particular the absurdist echoes that resound through the text. The multimedia production exploited many dimensions of audio-visual technology, including live music composed especially for this event, puppetry, constructivist set, cinematography, and choreography. The narrative aspect provided a particularly dynamic tone to the overall production, involving three teams of four students each. The play ran for ten nights and received enthusiastic popular and critical response.

### **Sheehi, Stephen**

Much of this year was dedicated to the final stages of the publication of my book. The book, *Foundations of Modern Arab Identity* will be released July 28.

#### **Published or forthcoming book reviews:**

1. *Constructing Lebanon: A Century of Literary Narratives* by Elise Salem (Gainesville: University Press of Florida, 2002) in *Journal of Middle Eastern Studies*, Fall, 2003.
2. *Slave of Desire: Sex, Love, and Death in the 1001 Nights* by Daniel Beaumont (Madison NJ: Fairleigh-Dickinson University Press, 2003) in *The Middle Eastern Studies Bulletin*, (Fall, 2003).
3. *The Arab Avant-Garde: Experiments in North African Art and Literature* by Andrea Flores Khalil, (London: Praeger, 2003), in *Journal of Middle Eastern Studies*; (forthcoming, Fall 2004).

#### **Articles:**

1. "Early Arab Photography: Capital and the Creation of the Arab Libido" in *Comparative Studies in Society and History*
2. "Arabic Scientific-Literary Journals and the Production of Modernity", in *Transnational Broadcasting Journal*.
3. "Maqamat Badi al-Zaman al-Hamadhani: A New Translation", *Journal of Arabic and Islamic Studies*.

**Wrisley, David**

“La mise en ‘prose bourguignonne’ de Geoffrey of Monmouth” *Études du moyen âge et de la Renaissance* 2003 Centre d’études médiévales de l’Université de Picardie-Jules Verne, Amiens, France.

**G. FUTURE DEVELOPMENT**

Serious discussion and debate continues in our quest to improve both methodology and substance in fulfilling our mandate (to provide AUB students with a broad exposure to influential texts that have shaped our contemporary human consciousness, in all of its variety and depth).

An ad hoc committee is in progress to revise and enhance the CVSP 204 course, the last and most contemporary of our core offerings.

Ongoing exploitation of Web-CT technology includes posting most of our readings, facilitated in the future by the recent addition of a Technical Assistant position to the Program.

The CVSP will continue to pursue all the new avenues for providing a broad range of intellectual and cultural activities for AUB and Lebanese publics at large through its Forum and its Brownbag series.

The relaunching of a Fine Arts Department now set for this coming Fall will provide the venue for significant artistic events to enrich the local scene. The Whittlesey Chair has been assigned to Visiting Professor Riad Abdel-Gawad, which promises to vitalize musical life at AUB. Plans for Theater include the possibilities of a dramatization of Tayyib Saleh’s *Season of Migration to the North* and a return to the open air venue at Fisk Hall and the Green Oval.

P. Shebay’a  
Director

## **DEPARTMENT OF COMPUTER SCIENCE**

### **A. SUMMARY OF PROGRAMS**

The academic year 2003-2004 has marked the first year in the life time of the newly established Department of Computer Science. The running of the computer science programs has been transferred smoothly from the Department of Mathematics to the new Department. The identity of computer science (CMPS) at AUB will be better represented and enhanced with the new department. In that direction a CMPS student society has been found, and in parallel, an ACM student chapter has been established, to provide an international dimension. Another development has been the formation of the AUB Computer Science Alumni Committee, to organize the almost 1000 CMPS alumni so far, which among other things will help the Department in establishing relations with the IT industry.

The establishment of the Finance Competency Center (FCC) in Bliss Hall has been a major development this year. The FCC is sponsored by Intel and other vendors. It has been inaugurated last October by Intel's CEO. The Dean of FAS will be in charge of the center. An AUB wide committee, which also includes members from the financial and IT sectors has been formed, to supervise the activities at the Center. The committee is chaired by a computer science faculty member.

The demand on the undergraduate program has stabilized, while the demand on the graduate program has been growing. This year qualified applicants have been turned down in order to maintain a total number of about 50 graduate students.

The number of faculty members has been maintained at 13 full-timers and 3 part-timers, making in total about 15 full-time-equivalent lines. Two new assistant professors have joined the Department. Faculty members have maintained their scholarly activities in teaching, research, participation in conferences, and in providing services to the university and community.

The CMPS program continues to offer services to various programs and disciplines at AUB through its minor in CMPS, and the minor in computational sciences. The CMPS program continues to offer the computer literacy courses CMPS 206 and 209, which provide basic computer knowledge and technical skills to students in other disciplines within FAS, and students from the Olayan School of Business, and FAFS

The Department continued to discuss its academic programs. The discussions culminated in a one day "retreat" that was held in early June at a remote hotel. The retreat is the first, and should become an annual activity.

## **B. PERSONNEL**

### **ACADEMIC**

Al – Jadir, Lina	Ph.D.	Assistant Professor
BenAbdelKader, Chiraz	Ph.D.	Assistant Professor
Beydoun, Ghassan	Ph.D.	Assistant Professor
Boulos, Jihad	Ph.D.	Assistant Professor
Dargham, Joumana	Ph.D.	Assistant Professor
Jureidini, Wadi’	Ph.D.	Senior Lecturer (Chairperson)
Karam, Marcel	Ph.D.	Assistant Professor
Keyrouz, Walid	Ph.D.	Assistant Professor
Nasri, Ahmad	Ph.D.	Professor
Safa, Haidar	Ph.D.	Assistant Professor
Ladan, Mohammad	Ph.D.	Lecturer (Part time)
Nassif, Nabil	Ph.D.	Visiting Professor (Part time)
Taha, Faleh	Ph.D.	Lecturer(Part time)
Mukadam, Wassim	M.S.	Assistant Instructor
Sidani-Bohsali, Hayat	M.S.	Instructor
Tabsh, Afaf	M.S.	Instructor

### **NON-ACADEMIC**

Micheal, Hamam	M.S.	System Administrator
Maalouf-Farah, Rima	T.S.	Secretary

## **C. TEACHING**

### **1. Number of Graduating Majors**

<b>Degree</b>	<b>Oct. 03</b>	<b>Feb. 04</b>	<b>June 04</b>	<b>Total</b>
B.A. or B.S.	26	44	110	<b>180</b>
M.A. or M.S.	--	2	1	<b>3</b>

### **2. Number of Majors**

<b>Class</b>	<b>Computer Science</b>
Graduates	47
Seniors	178
Juniors	118
Sophomores	83
<b>Total</b>	<b>426</b>



### **3. Student Enrolment in Computer Science Courses**

<b>Courses</b>	<b>Summer 03</b>	<b>Fall 04</b>	<b>Spring 04</b>	<b>Sub-Total</b>
Courses numbered 300 & above	0	81	58	<b>139</b>
Courses numbered 211 thru 299	41	641	444	<b>1126</b>
Courses numbered 200 thru 210	193	967	918	<b>2078</b>
<b>Total</b>	<b>234</b>	<b>1689</b>	<b>1420</b>	<b>3343</b>

### **4. Number of Credit Hours Offered in Computer Science Courses**

<b>Courses</b>	<b>Summer 03</b>	<b>Fall 04</b>	<b>Spring 04</b>	<b>Sub-Total</b>
Courses numbered 300 & above	0	12	15	<b>27</b>
Courses numbered 211 thru 299	4	60	38	<b>102</b>
Courses numbered 200 thru 210	26	95	88	<b>209</b>
<b>Total</b>	<b>30</b>	<b>167</b>	<b>141</b>	<b>338</b>

## **D. RESEARCH**

### **Al-Jadir, Lina**

1. "F2/XML: Navigating through Linked XML Documents." With F. El-Moukaddem and K. Diab. To appear in Proc. 15th Int. Conf. on Database and Expert Systems Applications, DEXA'04. Springer, Lecture Notes in Computer Science.

### **Ben Abdelkader, Chiraz**

1. "Comparing and Combining Depth and Texture Cues for Face Recognition," paper submitted Feb, 2004
2. "Robust facial recognition for real-time video surveillance." *In progress*.

### **Beydoun, Ghassan**

1. "Incremental knowledge acquisition in Knowledge Management," with Roderigo Martinez\*, Achim Hoffmann\*. This project has started three years ago during a visit to UNSW. It was merged during 2002 with a previous project titled "Extending monitoring of incremental knowledge acquisition to monitoring incremental modeling", with the view that knowledge management can be carried out as a modeling task done by many experts collaborating. In progress.
2. "Expert systems building CAD tools using incremental knowledge Acquisition," with R. Hamade. A prototype system is to be tested during this summer. We applied for funding through a URB group application. A paper is being prepared for an international journal.

### **Boulus, Jihad**

1. “Designing, implementation and experimentation of a native XML database management system for processing and managing streaming and stored data from different data sources.” In progress.
2. “Processing streaming XML data with finite state machine.” In progress.
3. “Cryptography and security of mobile agents in hostile environment.” In progress.

### **Dargham, Joumana**

1. Working on the development of a language independent framework for the separation of concern. Two research papers are sought. The first will present how to do the representation using XML and XSLT. The other will evaluate this new approach with related ones. *In progress*.
2. “View Oriented Programming: A new multi-disciplinary Object Oriented approach,” with Ayman Moghnieh. Internal Report.

### **Safa, Haidar**

1. “Towards a Hybrid Location Management Strategy for Next Generation Mobile Networks.” With Samuel Pierre\* and Jean Conan\*. Development of a hybrid location management scheme that combines to a certain degree the existing centralized and distributed approaches in order to improve the performance of the location management in the next generation mobile networks. Completed theoretical part of the hybrid scheme which includes a detailed description of the location update and location search scenarios with respect to the mobile unit’s moves. Evaluation of the performance of the proposed scheme compared to the centralized and the distributed schemes. Initial exploratory Stage completed, and working to obtain preliminary results and write a paper. Supported by a seed’s URB research grant

### **Jureidini, Wadi’**

1. The computational aspects of non-conforming finite element methods are considered for the Stokes and Navier-Stokes problems. These methods use piece-wise solenoidal vector fields. Developing such methods for the evolution problems is investigated. *In progress*.

### **Karam, Marcel**

1. “Towards a Unified Model for Testing Web-based Applications. International Journal of Human Computer Studies;” (Work in Progress)
2. “Visual code Coverage Criteria for Visual languages.” Research complete. To be submitted to Journal of Visual Languages and Computing.
3. “A Visualizing Intra-procedural Data-flow Interactions to Help Locate Faults.” Research in Progress. Paper under preparation. Journal of Visual Languages and Computing.
4. “Graphic-based tool for control-flow and data-flow testing of intra-class testing of Java programs.” In progress.
5. “A comparative study of code and event coverage criteria of web-based application”
6. “An empirical study to evaluate the effectiveness of locating faults in visual testing environments.”

7. "Visual representation of X-path Queries in XML documents. Prospective"
8. "Design of a visual event-based programming paradigm for rapid web application development."

**Nasri, Ahmad**

1. "G1 Continuous Bezier Surface Construction from Given Network of Curves," with Tae-wan Kim\*, Gerald Farin\*
2. "Lofting Subdivision Surfaces," with A. Abbas\*. Supported LNCSR
3. "Solid Modeling by Subdivision Surface", (URB)
4. "Degree Reduction Using Dual Bezier," with Gerald Farin\* and Tae-wan Kim\*
5. "Lofting by two ways Coon's patches," in collaboration with A. Abbas\*, Tae-wan Kim\* and Doo-yeoun Cho\*, and Ibrahim Hasbini (AUB). Research completed. Paper in preparation
6. "A New Adaptive Subdivision scheme with controllable curvature," With T. Sederberg\*, J. Zheng\*, and I. Hasbini. Submitted for publication
7. "Catmull-Clark Subdivision Surfaces through Meshes of Curves," with A. Abbas\*. To be submitted.
8. "Scattered Data interpolation in subdivision surfaces," with A. Abbas\*. Submitted for publication.
9. "Parallel subdivision techniques," with Walid Keyrouz
10. "Robust Facial Recognition for real-time video surveillance," with Chiraz Ben Abdelkader.
11. "Expositions Virtuelles Interactives du Patrimoine Vestimentaire Francophone," Submitted to Fonds Francophone des Inforoutes, call number 11, with MIRALab, University of Geneve, Regional Museum of Mahdia, Tunisia.

**E. OTHER STAFF ACTIVITIES:**

**Al-Jadir, Lina**

1. Presented the paper "Once Upon a Time a DTD Evolved into Another DTD...", at the 9th Int. Conf. on Object-Oriented Information Systems, OOIS'03, Geneva (Switzerland), 2003.
2. Presented the paper "Integrating Association Rule Mining Algorithms with the F2 OODBMS", at the 14th Int. Conf. on Database and Expert Systems Applications, DEXA'03, Prague (Czech Republic), 2003.
3. Presented the paper "F2/XML: Managing XML Document Schema Evolution", at the 6th Int. Conf. on Enterprise Information Systems, ICEIS'04, Porto (Portugal), 2004.
4. Member, Program Committee of the 6th Int. Conference on Enterprise Information Systems, ICEIS, Porto (Portugal), 2004.
5. Member, FAS Library Committee.
6. Advisor, 3 M.Sc. theses.
7. Member, M.Sc. thesis examining committee
8. Academic Advisor, computer science students.

### **Ben Abdelkader, Chiraz**

1. Presented a seminar entitled: "Comparing and Combining 2D and 3D Cues for Face Recognition," CAMS, May, 2004
2. Arranged for a seminar/talk by Dr. Joseph Atick, April 15 2004
3. Received a URB seed grant, Nov, 2003.
4. Member of the departmental Committee for Reviewing CMPS Undergraduate Program/ Curriculum, June 2004.
5. Academic Advisor, Undergraduate computer science students.

### **Beydoun, Ghassan**

1. Recipient, Hewlett Award, Spring 2004
2. Member, FAS Research Committee
3. Member, FAS Student Affairs Committee
4. Advisor, two M.S. theses
5. Academic advisor, undergraduate computer science students

### **Boulus, Jihad**

1. Advisor, two M.S. theses (Completed).
2. Advisor, two M.S. theses (In progress)
3. Presented a lecture on future information systems, National Institute of Informatics in Tokyo-Japan, by invitation
4. Presented a lecture at the University of Tokyo for PhD candidates on research interests
5. Member, Program Committee of the Fifth Pacific-Rim Conference on Multimedia, Tokyo, Japan.
6. Academic advisor, undergraduate computer science students

### **Dargham, Joumana**

1. Attended IADIS WWW/Internet International conference, Portugal, Nov. 2003
2. Joint work with LARC group at University of Quebec at Montreal, Canada, Summer 2003
3. Participated in seminars in Canada, Summer 2003
4. Academic Advisor, undergraduate computer science students

### **Jureidini, Wadi'**

1. Chairperson, Department of Computer Science
2. Assistant to the Dean, Information Technology, FAS
3. Academic Advisor, Graduate Computer Science students
4. Member, Official Lebanese Delegation to Ireland, with IDAL, May 2004
5. Board Member, Professional Computer Association, Beirut, Lebanon

### **Karam, Marcel**

1. Consultant, Government, to establish a line of research in the area of GPS
2. Member, Departmental Graduate Students Committee
3. Coordinator, Departmental Colloquium
4. Reviewed URB proposals

5. Member, Two Master thesis committee
6. Co-designing Dhofar's computer science curriculum, with REP. Prepared and conducted interviews with prospective candidates, Dhofar.
7. Presented a paper, IASSE, 12th International Conference on Intelligent and Adaptive Systems. San Francisco, USA; July 2003;
8. Presented a paper at the International Workshop on Visual Language and Computing. San Francisco, USA; September 2004;
9. Presented a paper at SERP, the International Conference on Software Engineering Research and Practice. Las Vegas, USA; June, 2004.
10. Academic Advisor, undergraduate computer science students

### **Nasri, Ahmad**

1. Member, Board of Directors of the Lebanese National for Scientific Research
2. Acting Chair, FAS Research Committee
3. Member, FAS Ad-hoc Committee on Allegations
4. Team Leader, AUB IT Consultant Team, Kingdom Schools, KSA, REP Project
5. Consultant, REP project at Dhofar University
6. Academic Advisor, 30 Freshmen students
7. Academic Advisor, Undergraduate computer science students
8. Established the ACM student chapter at AUB and served as sponsor for this chapter
9. Co-rapporteur, the National Task Force Committee to develop a New Science, Technology and Innovation Policy in Lebanon. Supported by Lebanese Council for Scientific Research, ESCWA, and World Bank, 2003.
10. Coach, Team of three computer science students that participated in the ACM regional Programming contest, Kuwait 2003
11. Participant, Workshop on Learning Outcomes Assessment at Course and Program Levels, AUB, March 2004
12. Participant, Grant Writing Workshop, AUB, May, 2004
13. Supervisor, 3 M.S. Theses
14. Host, Ph.D student from Department of Ocean Engineering and Naval Architecture, Seoul National University, 2004
15. Member, Editorial Board on the following journals:
  - a. The International Journal of Shape Modeling
  - b. The Lebanese Scientific Journal (LNCSR)
  - c. The International Journal of CAD/CAM
16. Refereed more than 20 papers to the following journal and international conferences.
  - a. ACM Transaction on Graphics, SIGGRAPH 20004
  - b. Pacific Graphics 2004, Seoul, South Korea
  - c. Pacific Graphics 2003, Canmore, Canada
  - d. Computer Animation and Software agents 2004
  - e. Journal of Computer Aided Design
  - f. The Symposium on Geometry Processing, 2004.
  - g. Journal of Computer & Graphics
  - h. The Computer Graphics International 2004 (CGI'2004) Conference to be held in Hersonissos, Crete, Greece, June 16-19, 2004

17. Attended the following international conferences:
  - a. ACM SIGGRAPH 2003, San Diego, 2003
  - b. Computer Aided Design 2004, Thailand.(Gave a talk and chaired a session)
18. Served as a member of the Program Committee of the following conferences:
  - a. Geometric Modeling and Processing 2004, Beijing China
  - b. Shape Modeling International 2004, Italy
  - c. The International Annual Conference Computer Animation 2004,
  - d. Pacific Graphics 2004, Seoul, South Korea
  - e. Pacific Graphics 2003, Canmore, Canada
  - f. Computer Aided Design 2004, Pattaya, Thailand
  - g. The European Conference on Combinatorial Optimization, ECCO XVII, AUB, June 24-26, 2004
  - h. The Computer Graphics International 2004 (CGI'2004) Conference to be held in Hersonissos, Crete, Greece, June 16-19, 2004.

## **F. PUBLICATIONS**

### **Al-Jadir, Lina**

1. **Al-Jadir L.**, “Integrating Association Rule Mining Algorithms with the F2 OODBMS”, *Proc. 14th Int. Conf. on Database and Expert Systems Applications, DEXA'03, Prague (Czech Republic), 2003*. Published by Springer, Lecture Notes in Computer Science, vol. 2736.
2. **Al-Jadir L.**, El-Moukaddem F., “Once Upon a Time a DTD Evolved into Another DTD ...”, *Proc. 9th Int. Conf. on Object-Oriented Information Systems, OOIS'03, Geneva (Switzerland), 2003*. Published by Springer, Lecture Notes in Computer Science, vol. 2817.
3. **Al-Jadir L.**, El-Moukaddem F., “F2/XML: Managing XML Document Schema Evolution”, *Proc. 6th Int. Conf. on Enterprise Information Systems, ICEIS'04, Porto (Portugal), 2004*. Published by the Institute for Systems and Technologies of Information, Control and Communication.
4. Beydoun G., **Al-Jadir L.**, “Application of Hierarchical Incremental Knowledge Acquisition (HIKA) Using an Object-Oriented Database Management System (OODBMS)”, *Engineering Intelligent Systems Journal*, vol. 11, no. 2, 2003, pp. 85-93, CRL Publishing.

### **Dargham, Joumana**

1. **Dargham J.**, Zeina Alti and Deema Zurayk, “Representing views in XML; IADIS”, *www/Internet 2003 International conference, Portugal, Nov. 2003*.
2. **Dargham J.**, Zeina Alti and Deema Zurayk, “XML and view programming,” *ICSSAE December 2003, Paris, France*.

### **Karam, Marcel**

1. “Interprocedural Data-flow Testing for Visual Data-flow Languages,” IASSE, Proceedings of the 12<sup>th</sup> International Conference on Intelligent and Adaptive Systems, San Francisco, USA, July 2003.
2. “A Visualizing Intra-procedural Data-flow Interactions to Help Locate Faults,” International Workshop on Visual Language and Computing, San Francisco, USA, September 2004.
3. “Visualizing the Testedness of Data-flow Interactions in Imperative Functions,” SERP, Proceedings of the International Conference on Software Engineering Research and Practice, Las Vegas, USA, June 2004.

### **Nasri, Ahmad**

1. Abbas A., **Nasri A.**, “Interpolating Multiple Intersecting Curves Using Catmull-Clark Subdivision Surfaces,” Proceedings of the International Conference on Computer Aided Design, (CAD’04), Thailand, May 2004.
2. Sederberg T., Zheng J, Bakenov A., Nasri A., “T-splines and T-NURCCs,” ACM Transaction on Computer Graphics, Vol. 22 No. 3, ACM SIGGRAPH 2003, San Diego, ISBN 0730-0301, p. 477-484, ACM Press, 2003
3. **Nasri A.**, Abbas, A. and Hasbini, I., “Skinning Catmull-Clark Subdivision Surfaces With Incompatible Cross-sectional Curves,” Proceedings of Pacific Graphics 2003, Canmore, Canada, ISBN 0-7695- 2028-6, p. 102-111, IEEE Press, 2003.
4. A. Abbas, **Nasri A.**, “Deformation of Catmull-Clark Subdivision Surfaces for Computer Graphics,” Proceeding of the ACS/IEEE International Conference on Computer Systems and Applications, Tunis, Tunisia, July 14-18, 2003.
5. A. Abbas, **Nasri A.**, “Synthesizing Data Structure Requirements from Algorithm Specifications: Case Studies from Recursive Subdivision for Computer Graphics and Animation,” Proceeding of the ACS/IEEE International Conference on Computer Systems and Applications, Tunis, Tunisia, July 14-18, 2003.
6. **Nasri A.**, “Polygonal Subdivision Curves for Computer Graphics and Geometric Modeling,” Advances in Geometric Modeling, Edited by M. Sarfaz, John Wiley, ISBN: 0-470-85937-7, p. 1-17, 2003.
7. **Ahmad Nasri**, “NURBS from the Pioneers,” Book review, Computer-Aided Design, 121-122, (35) 2003.

## **G. FUTURE DEVELOPMENT**

The development of the new Department of Computer Science in the next year will be guided by the results of the annual retreat that was held in early June. The Department has to look into its undergraduate and graduate CMPS programs, in line with the suggestions made during the retreat and the expected new version of the ACM recommendations. In particular, the “project” track for graduate students should be more emphasized.

The Department should try to recruit additional faculty members. The current ration of 50 students per faculty member is not acceptable. The program is expected to grow further, especially the graduate program, if faculty recruitment is successful.

Enhancing the computing facilities will always be a driving factor in the development of the CMPS programs. Additional computing power will be needed to meet the growing demand, to support modern trends in the industry, and to upgrade the equipment that the Department has.

The electric infrastructure at Bliss Hall (especially the UPS's) has to be re-engineered, as it has been evolving over that last 16 years in a sporadic manner. A study has been prepared by the Physical Plant, and should be executed as soon as possible.

The Department should try to enhance and establish contacts with the computer industry, especially the software industry, in Lebanon and the region. We should try to develop channels with local and regional entities (associations, societies, governmental committees, enterprises, etc...) to create synergy between our faculty/students and the industry. In particular, the Department will try to establish an internship program involving its students, its faculty, and the industry, that will hopefully benefit all parties concerned. In that direction, the Department should take advantage of the newly established FCC in Bliss Hall.

W. Jureidini  
Chair



## **DEPARTMENT OF ECONOMICS**

### **A. SUMMARY OF PROGRAMS and ACTIVITIES**

Undergraduate enrolment reached record numbers in 2003-04 as did the number of students in the two MA's offered by the department (MA in Economics and MA in Financial Economics). The Department not only delivered all the originally planned teaching but also increased the number of courses in quantitative areas and included a course on the Lebanese economy. Both undergraduate and graduate programs were revised. Coordination between the two MA programs increased with respect to admissions, teaching and student transfers. A series of economics and inter-disciplinary workshops and seminars were organized on a wide variety of subjects, often in cooperation with other departments. Two of the four vacant positions the Department advertised during the year are expected to be filled by September 2004.

For the year 2003/2004 (2002/2003), the number of students enrolled in economics courses totaled 3148 (2763) and students majoring in economics totaled 257 (242). Credit hours offered were 303 (276). The number of graduating majors stood at 19 (24) in the first semester and 57 (67) in the second semester. The two Masters in Economics (Master in Economics, MAE, and Masters in Financial Economics, MAFE) had a total enrolment of 4 and 66 students respectively. The pipeline remained strong: of the 55 graduate applications received as of May 2003 for the Fall 2004 entry, the Department made positive recommendations to the Graduate Committee for 14 applicants to the MA in Economics and 31 applicants to the MA in Financial Economics.

Several curriculum revisions were made in the undergraduate and graduate programs. A minor in Economics became operational effective October 2003. The preamble to the undergraduate program was simplified, the graduation requirements became more consistent, and some courses were renamed to better reflect their contents. At the graduate level, the Department explored complementarities between the MA in Economics and MA in Financial Economics with the view to increasing their academic rigor and rationalizing faculty resources while expanding student choices. As of Fall 2004 the two programs will share a common preamble, and student transfers between these two programs will be simplified. The academic contents of both Masters was strengthened by adding Graduate Econometrics (ECON 305) as a required course to the MA in Economics, and Graduate Macroeconomics (ECON 327) as a required course to the MA in Financial Economics. Graduation requirements for the MA in Economics were set at 21 credits to become consistent with university wide requirements. A graduate elective (Urban Economics) is planned to be offered next year and is expected to attract students from the Faculty of Engineering and Architecture.

Compared to 2002/2003, the current academic year saw the departure of Assistant Professors Tarik Alami and Jean Fares and Visiting Associate Professor Linda Khalaf-Jaber (University of Laval, Canada). Associate Professor and former Chair of the Department Ghazi Sirhan

retired after a long career at AUB, and Assistant Professor Richard Sadaka resigned to assume the pastorate of the First Baptist Bible Church of Ras Beirut. Both Professor Sirhan and Professor Sadaka did nevertheless continue to teach and assist the Department on a part-time basis.

There was an increase in faculty members of all ranks, full- and part-time, from 22 last year to 30 this year. Three new professorial faculty joined the Department: Assistant Professor Marcus Marktanner; Assistant Professor Nada Mora, and Professor Zafiris Tzannatos. A visiting Assistant Professor (Dr Ewa Majerowska, University of Gdansk, Poland) joined the Department to teach graduate econometrics in the Spring Semester. The Department also benefited from the contributions of 5 lecturers and 14 instructors. The Department advertised four positions in the areas of Econometrics, Microeconomics, Macroeconomics and Financial Economics. Two applicants have accepted offers and are expected to join in October 2004: Ms Yasemin Bardakci in the area of econometrics and financial economics, and Dr Abdelkrim Seghir in the area of microeconomics. The approved departmental lines stand at 12 and hopefully will increase to 14 next year.

With respect to teaching, the increased load was met through an increase in the number of faculty members and effective planning though still some faculty members ended up with greater teaching load than expected under prevailing norms. Finally, the Department undertook a coordinated effort to make greater use of WebCT, and 12 economics courses were posted during the year.

As demonstrated in the sections on research and publications, faculty members have been very active in research. In 2003/2004, one faculty member produced a book and another was guest co-editor of a special issue of the World Bank journal. Faculty members collaborated extensively with scholars within and outside AUB (including Britain, Canada, Italy, the Netherlands and the US). As before, many faculty members participated in various local, regional and international conferences, seminars and meetings and engaged in several research activities supported by AUB and external agencies -- including regional and international organizations such as the Economic and Social Commission of West Asia (ESCWA), the European Union (EU), Food and Agriculture Organization (FAO), the Inter-American Development Bank (IADB) and the World Bank (IBRD). [PLS add others, if you feel so]

Following the increase of research activities of faculty and closer cooperation between the Economics Department and the Institute of Financial Economics, students benefited from 7 research assistantships and 20 graduate assistantships. With respect to outside employment opportunities for students, one faculty member was a member of the annual Job Fair Committee while the Department co-hosted (with the Career and Placement Services) a visit from the Director of the World Bank Institute who gave a lecture to students at the Bathish Hall. With the aid of the Department, some undergraduate and graduate students were successful in securing outside employment including in international organizations stationed in Beirut. Finally, economics students and faculty members met in a "townhall" meeting in West Hall in April and discussed academic issues and post-graduation/employment prospects of students.

The number of offices available to the Department in Ada Dodge increased by two last February and some refurbishment of existing offices and common areas is planned for this summer (such as installing/replacing air conditioning unit, painting, adding partitions/new doors etc). Still, some faculty members continued to be housed in different buildings (Ada Dodge and Nicely), while the Department lacks a meeting room and has too few offices and facilities to adequately accommodate its needs (see also under Development).

### **Public Lectures, Workshops and Seminars**

The Department hosted a series of public lectures, workshops and external and staff seminars. Presenters included international, regional and local academics as well as practitioners from both the private and public sectors. A significant number of events were co-organized with other departments including the Center for Advanced Mathematical Studies (CAMS), the Center for Arab and Middle East Studies (CAMES), the Institute of Financial Economics (IFE), the Department of Education, the Department of Philosophy, the Economics Student Society, the Career and Placement Office, and the Information and Public Relations Office. Many of the events received extensive coverage in the press. Two key lectures were given by:

- Professor and Nobel Laureate James Mirrlees (Cambridge University), Why Some Economies Grow (co-organized with CAMS).
- H.E. Dr. Medhat Hassanein (Minister of Finance, Egypt) Second Generation Economic Reforms in Egypt (co-organized with the Institute of Financial Economics).

There was a one-day workshop on the Political Economy of Lebanon (coorganized with CAMES) and the speakers included:

- Professor Roger Owen (Harvard University), “A Historical Review of the Political Economy of Lebanon”
- Dr Toufic Gaspard (Independent Consultant), “The Transfer Economy”
- Professor Fawwaz Traboulsi (Lebanese American University), “Socio-Economic Transformations in Lebanon after 1975.”

Another seminar on "The Economic Participation of Arab Women in the Context of Globalization" was co-organized with the Economics Students Society and was given by:

- Professor Mona Khalaf (Lebanese American University and Institute for Women's Studies in the Arab World)
- Dr Simel Esim (International Labor Organization), and
- Dr Suzanne Razzaz (World Bank)

Individual seminars delivered by outside speakers included:

- Professor Subrata Ghatak (Kingston University), “East West Europe Migration and Economic Welfare”
- Professor Andrey Soubotin (Russian Academy of Sciences), “Globalization and the Role of Companies in the Super Power Nation in Controlling the World”
- Dr Amer Bisat (UBS and Columbia University), “Latin American Crises: Lessons for the Arab World”

- Dr Marwan Barakat (Banque AUDI), “The Fall of Emerging Markets: Lessons for Lebanon”
- Dr Alessandro Mangoli (World Bank), “Efficiency and Equity in Social Services Delivery” (co-organized with the Department of Philosophy)
- Mr Emanuele Gerratana (Columbia University), “Decentralized Delegation to a Common Agent”
- Mr Adel Satel (Moody’s), “Rating Agencies and Credit Ratings: What Does This Mean For Lebanon?”
- Dr Victor Billeh (UNESCO), “Challenges of Matching Education and Labor Market Needs in the Arab Education Systems” (co-organized with the Department of Education).

The Department also organized weekly seminars whereby faculty gave presentations on their ongoing research to their peers, graduate students and interested colleagues from other units. It is expected that future seminars may include project or thesis presentations by students as well as from colleagues working in other departments who have interests in common areas (for example, social policy, health, philosophy, politics and so on).

- Aintablian, Sebouh "Market Response to Announcements of Mergers of Canadian Financial Institutions"
- Bezemer, Dirk (Imperial College), “Risk and Agricultural Restructuring in EU Applicant Countries”
- Hijazi, Roua “The Political Economy Of Public Debt In Lebanon”
- Majerowska, Ewa ‘Effectiveness of the Capital Market in a Transition Economy: the Example of Poland’
- Marktanner, Marcus ‘Democratization! - Handle with Care’
- Mora, Nada “The Bank Lending Channel in a Partially Dollarized Economy”
- Rizk, Rola “Fiscal And Debt Profiles In The MENA Region”
- Seghir, Abdelkrim (Univesidade NOVA de Lisboa), “Default and Penalties in Infinite Horizon Incomplete Financial Markets”
- Turk-Ariss, Rima “X-Efficiency In Lebanese Banking: A Flexible Stochastic Frontier Approach”
- Tzannatos, Zafiris “Deconstructing the Regional Labor Markets”
- Yazbeck, Mira “The Role of Food Assistance Programs and Employment Circumstances in Helping Households with Children Avoid Hunger”.

## **B. PERSONNEL**

### **1. Faculty Members**

Aintablain, Sebouh	Ph.D., Assistant Professor
Assi, Lama	M.B.A., Instructor (P.T.)
Azour, Jihad	Ph.D., Lecturer (P.T.)**
Caracalla, Hazar	M.A., Instructor (P.T.)**
Dabbagh, Salah	Ph.D., Lecturer (P.T.)*
El-Khalil, Youssef	Ph.D., Lecturer (P.T.)
El-Saghir, Sandra	M.A., Instructor

Fattah, Zeki	Ph.D., Lecturer (P.T.)*
Fayyad, Ghada	M.A., Instructor (P.T.)**
Hanna, Mazen	M.A., Instructor (P.T.)**
Hijazi Roua	M.A., Instructor (P.T.)
Kabbani, Nader	Ph.D., Assistant Professor
Kanaan, Maya	M.A., Instructor (P.T.)
Majerowska, Ewa	Ph.D., Visiting Assistant Professor**
Makdisi, Samir	Ph.D., Professor
Marktanner, Marcus	Ph.D., Assistant Professor
Mora, Nada	Ph.D., Assistant Professor
Neaime, Simon	Ph.D., Associate Professor
Osseiran, Fadi	Ph.D., Lecturer (P.T.)*
Ramadan, Usamah	Ph.D., Lecturer
Rizk, Rola	M.A., Instructor (P.T.)
Sadaka, Richard	Ph.D., Assistant Professor (P.T.)
Sayess, Dima	M.A., Instructor (P.T.)
Siblini, Farah	M.A., Instructor (P.T.)
Sirhan, Ghazi	Ph.D., Senior Lecturer (P.T.)
Turk-Ariss, Rima	M.A., Instructor (P.T.)
Tzannatos, Zafiris	Ph.D., Professor (Chair)
Yazbeck, Myra	M.A., Instructor
Zantout, Nadine	M.A., Instructor (P.T.)***
Zayyat-Saadeh, Myriam	M.A., Instructor (P.T.)

## **2. Graduate Assistants**

Ammar, Nancy	B.A.
Bou Diab, Sarah	B.B.A.
Dabbous, Amal	B.B.A.
Eid, Soha	B.A.
Kanounji, May	B.A.
Khoury, Nicole	B.A.
Khordagui, Najwa	B.A.
Maraachlian, Hilda*	B.S.
Mesherkani, Rami	B.S.
Mezher, Rabih	B.B.A.
Mordaa, Rola*	B.B.A.
Nakhle, Najla*	B.A.
Nassif, Chantal**	B.B.A.
Omeira, Mansour	B.A.
Rishani, Rami	B.B.A.
Rteil, Youssef	B.S.
Salloum, Ingrid	B.A.

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\* First Semester 2003/2004

\*\* Second Semester 2003/2004

Salman, Ali	B.B.A.
Shamseddine, Bassel	B.B.A.
Sinno, Afaf	B.A.
<b>2. <u>Research Assistants</u></b>	
Assaf, Hadi	B.A.
Haddad, Karim	B.A.
Sidani, Ola	B.A.
<b>3. <u>Non -Academic Staff</u></b>	
Attie, Silvie	Secretary

## **C. TEACHING**

### **1. Number of Graduating Majors:**

B.A	Oct. 2003	6
	Feb. 2004	10
	June 2004	39
M.A	Oct. 2003	2 (MAFE)
	Feb. 2004	1 (MAFE)
	June 2004	15 (MAFE), 3 (MMB)

### **2. Number of Majors**

Graduates	3
Financial Economics	63
Prospective Graduates (Fin. Econ)	3
Prospective Graduates (Econ)	1
Seniors	52
Juniors	60
Sophomores	73
Intensive English	2

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### **3. Student Enrollment in Courses:**

	Summer 2003	1st sem.	2nd sem.	Total
Courses numbered 300 and above	33	131	145	309
Courses numbered 211 through 299	108	1159	1310	2577
Courses numbered 200 through 210	36	0	40	76
Courses numbered below 200	0	106	80	186

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**4. Number of Credit Hours Offered**

	Summer 2003	1st Sem.	2nd Sem.	Total
Courses numbered 300 and above	6	18	21	45
Courses numbered 211 through 299	9	105	123	237
Courses numbered 200 through 210	3	0	3	6
Courses numbered below 200	0	9	6	15
	<u>18</u>	<u>132</u>	<u>153</u>	<u>303</u>

**D. RESEARCH**

**Aintablian, Sebouh**

**Completed Research**

1. “Market Response to the Announcements of Mergers and Acquisitions of Canadian Financial Institutions”, forthcoming in *Multinational Finance Journal* (with G. S. Roberts\*).
2. “An Empirical Examination of the Relationship Between Lender Environmental Liability and Bank Loan Announcements”, under review by the *Journal of Banking and Finance* (with G. S. Roberts\* and P. McGraw\*).

**Ongoing Research**

1. “An Empirical examination of Bank Loans and the Bid-Ask Spread” (with G. Jacoby\* and S. Zheng\*).
2. “Is There Still a Place for Family Banks: A Perspective on Corporate Governance in the Context of Family Banks in France” (with V. Vijayraghavan\*)
3. “Stock Market Behavior Around Religious Holidays” (with G. Jacoby\* and T. Hecht\*).

**Kabbani, Nader**

**Completed Research**

1. “Lebanon” in M. Merlo and L. Croitoru (eds.) *Mediterranean Forests and People: Towards the Total Economic Value*. Padua: Padua University Press, Forthcoming (with E. Sattout and S. Talhouk).
2. “The Role of Food Assistance Programs & Employment Circumstances in Helping Households with Children Avoid Hunger”, IRP Discussion Paper No. 1280-04, Institute for Research on Poverty, May 2004 (with M. Yazbeck).
3. “Grade Retention, Social Promotion, and ‘Third Way’ Alternatives” in preparation for publication in an edited volume on *Early Childhood Learning* (with K. Alexander\* and D. Entwisle\*).

### Ongoing Research:

1. "Measuring Hunger and Food Insecurity in Yemen". This project assesses the food security situation in Yemen, identifies strategies for dealing with truncated data sets and studies the relationship between measures of income-based poverty and food insecurity. Two different conference paper proposals have been submitted.
2. "The Effect of Food Assistance and Employment on Food Security in the United States". This project expands the work begun under a grant from the Institute for Research on Poverty. The paper will be presented at a conference in January 2005 (with M. Yazbeck).
3. "The Effect of Job Training Programs on Non-participant Workers". This paper empirically estimates the effect of the Job Training Partnership Act on the employment of control group members in the National JTPA Study.
4. "The Economics of Biodiversity in Arid Regions": This project draws implications from the literature on the economics of biodiversity and bioprospection for developing countries and countries in arid regions.

### Makdisi, Samir

#### Completed Research

1. "Democracy and Development in the Arab World" (with I. El Badawi). A first draft of this project was presented at the annual conference of the Economic Research Forum, in Rabat, December 2003. A revised version is under preparation and will appear in a refereed volume edited by H. Esfahani of the University of Illinois. Motivated by the "modernization theory" of democracy, the paper combines a popular global data based on the standard of democracy (Polity IV) with indicators of economic and social welfare as well as regional democracy to estimate in a global sample a basic model of democracy.
2. "The Lebanese Civil War 1970-99", *IFE Lecture and Working Paper Series* (2003-No 3), forthcoming in P. Collier and N. Sambanis (eds.) *the Economics and Politics of Civil Wars* (Oxford University Press) (with R. Sadaka).
3. "Modernizing the Arab Economies", in Proceedings of the Inaugural Conference on *Modernity and Arab Modernity*, organized by the Arab Foundation for Modern Thought, Beirut, April 30 - May 2, 2004--in press.
4. "Determinants of Economic Growth in the MENA Countries", forthcoming in J. Nugent and H. Pesaran (eds.) "Explaining Growth in the MENA Region" (Cambridge) (with Z. Fattah\* and I. Limam\*).

#### Ongoing research

1. "Civil conflict, economic development and globalization with reference to selected Arab countries". This is a book length research project that attempts to analyze the causes of the civil war and identify the policies that prevent their re-emergence in the era of globalization thereby setting the stage for sustained economic and financial development in the Arab region. Supported by external funding.



## **Marktanner, Marcus**

### Completed Research:

1. "Externalities, International Policy Cooperation and Systems Competition", forthcoming in *Global Business and Economics Review (GBER)*, June 2004.
2. "Institutional Impediments to Trade Development of ESCWA Countries: A Survey". Research report for the United Nations Economic and Social Commission of Western Asia (ESCWA), January 2004.

### Ongoing Research:

1. "Democratization and Democratization Traps", Paper analyzes how income inequality and social conflict affect quality of governance, economic growth, and political transitions.
2. "Democratization – Please Handle with Care!" Paper compares political transition scenarios starting from good versus bad autocracies. Accepted for presentation at the 2004 annual meeting of the Business and Economics Society International (BESI), Island of Rhodes, Greece, July 19-22. Under review by *GBER-Anthology 2004*.
3. "Did Import-Substituting Developing Countries Abuse Dependency Theory?" Paper argues that capture theory explains choice of import-substitution as a development strategy better than dependency theory. Accepted for presentation at the 2004 annual meeting of BESI, Island of Rhodes, Greece, July 19-22. Under Review by *GBER - Anthology 2004*.
4. "The Economics of East Asian Democratization", (with B. L. Weinstein\*). Abstract submitted for the 2004 annual conference of the East Asian Economic Association, Hong Kong, China, November 13-14, 2004. Paper discusses how economic development in East Asia affects political transitions towards more freedom.
5. "What Does MENA Stand for Again? – More Equality Needed Allover or More Elected Not Acting?" Paper empirically assesses the survival rate of democratization pushes in the MENA region. Abstract submitted for presentation at the 2004 annual meeting of the Economic Research Forum, Beirut, Lebanon, December 16-18, 2004.

## **Mora, Nada**

### Completed Research:

1. "The Bank Lending Channel in a Partially Dollarized Economy" submitted to the *Journal of Money, Credit and Banking*.
2. "Sovereign Credit Ratings: Guilty Beyond Reasonable Doubt?" submitted to the *Journal of Banking and Finance*.

### Ongoing Research:

1. Visiting scholar at Center on Japanese Economy and Business at Columbia University for paper "The effect of bank credit on asset prices: evidence from the Japanese real estate boom during the 1980s." June-July 2004
2. "The Removal of the Sovereign Credit Ceiling by Moody's".

3. “The Dollarization of Firm Debt in Lebanon”.

### **Neaime, Simon**

#### Completed Research

1. “Portfolio Diversification and Correlations in Returns and Volatilities in Emerging MENA Stock Markets”, Forthcoming in *Thunderbird International Business Review*.
2. “The Euro Mediterranean Partnership: Prospects for Future Economic Monetary and Financial Integration”, Forthcoming in *APF Press*, Toronto, Canada.
3. “The Evolution of Banking and Finance in the MENA Region”, Forthcoming in *Research in Middle East Economics Series*, Vol. 6. (with N. Colton\*).
4. “Portfolio Diversification and Financial Integration of MENA Stock Markets. In the Evolution of Banking and Finance in the MENA Region,” Forthcoming in *Research in Middle East Economics Series*, Vol. 6.
5. “Profitability and Risk Management in Banking: A Comparative Analysis for Selected MENA Countries, The Evolution of Banking and Finance in the MENA Region”, Forthcoming in *Research in Middle East Economics Series*, Vol. 6. (With S. Hakim\*).

#### Ongoing Research

1. “The Canadian-US Exchange Rate and The Prospects of An Optimum Currency” The paper assesses the conduct of monetary policy in Canada, highlights the recent exchange rate dynamics of the Canadian-US exchange rate and examines the prospects of an optimal currency area among the two North American Free Trade Agreement (NAFTA) members.
2. “Prospects of a Monetary Union Between the EU and GAFTA: An Empirical Investigation”. This research paper examines the issue of a regional currency union among the Greater Arab Free Trade Agreements (GAFTA) Members and the European Union (EU) countries using data for 14 Arab countries.
3. “MENA Stock Markets: A Dynamic GARCH Approach”. This paper examines the interrelationship among the stock markets of the Middle East and North Africa (MENA) region as well as the relationship between each MENA stock market and the larger and more developed markets of Europe and the US.
4. “Macroeconomic Fluctuations in the MENA Region”. This research paper measures the importance and impacts of external macroeconomic shocks on the economies of the MENA region and the adjustment of per capita GDP growth rates, exports, imports and fiscal imbalances.

### **Ramadan, Usamah**

#### Ongoing Research

1. Economic History of Lebanon
2. The Political Economy of Lebanon, Past and Present

## **Tzannatos, Zafiris**

### **Completed Research**

1. “*Child Labor in Latin America*”. Country case studies on the effects of policy interventions in the area of child labor and education, forthcoming (with P. Orazem\* and G. Sedlacek\*).
2. “Child Labor in Vietnam”. *Pacific Economic Review* – forthcoming (with F. Rosati\*).
3. “The World Bank, Development, Adjustment, and Gender Equality” in E. Kuiper and D. Barker (eds) *Feminist Economic Perspectives on the World Bank*. Routledge (forthcoming).
4. “The Labor Market in the ESCWA Region”. Report prepared for the Economic and Social Commission of West Asia (ESCWA).
5. “Child Labor: What Have We Learned?” World Bank, Social Protection Discussion Paper No. 0317 (with S. Bhalotra\*).
6. “Child Labor: An Expository Framework of Altruistic and Non-Altruistic Models”. World Bank, Social Protection Discussion Paper No. 0305 (with F. Rosati\*).
7. “Makroökonomische Effekte Gewerkschaftlicher Organisation und Kollektiver Verhandlungen” (with T. Aidt\*).

### **Ongoing Research**

1. “The Lebanese Labor Market”. Overview and analysis of the characteristics and trends of the labor market in Lebanon. Supported by URB.
2. “Discrimination and Ethnicity in Latin America”. A comparative analysis of the position of indigenous peoples in the labor markets of Latin America.
3. “Child Labor Handbook” (with A. Cigno\* and F. Rosati\*). Analysis and global review of policies in the area of family and child labor.
4. “Child Labor in Morocco” (with F. Rosati\*). Country case study analyzing the problem and policies.
5. “Orientalism in Economics”. Do Conventional Economic Concepts Apply to the Arab World and Is There Local Capacity to Counter Inappropriate Application of Western Models and Analysis to the MENA Region?

## **E. OTHER STAFF ACTIVITIES**

### **Aintablian, Sebouh**

1. Member of the Arts and Sciences Curriculum Committee since 2002.
2. Served as First Reader and Second Reader for projects in the MA in Financial Economics.
3. Faculty advisor, the Lebanese-Armenian Heritage Club of A.U.B. since Spring 2001.

## **Kabbani, Nader**

### Conferences, Seminars and Meetings

1. Participated in a workshop at the Institute for Research on Poverty at the University of Wisconsin, Madison on food security and food assistance programs in the U.S. April, 2003.
2. Presented paper on "The Role of Food Assistance Programs and Household Employment in Helping Food Insecure Families Avoid Hunger" (with Myra Yazbeck) at the Economic Research Service, U.S. Department of Agriculture 2003 Small Grants Conference, Washington, DC, November 20-21, 2003.

### Other Activities

1. Received external research funds for a project on "The Role of Food Assistance and Employment in Helping Food Insecure Families Avoid Hunger" through the IRP-USDA Small Grants Program, administered by the Institute for Research on Poverty at the University of Wisconsin, Madison, June 2002 – March 2004.
2. Thesis advisor for three Master's students in Economics and the Interfaculty Program in Environmental Policy Planning.
3. Member of the Executive Committee, Initiative for Biodiversity Studies in Arid Regions (IBSAR), 2003-04.
4. Member of the Steering Committee, Center of American Studies and Research (CASAR), 2003-04.

## **Makdisi, Samir**

### Conferences, Seminars and Meetings

1. Participated in a workshop on "Rebuilding Devastated Economies", organized by the Near Eastern Center at the University of California at Los Angeles, May 14-15, 2004 – presented a paper on: "Rebuilding devastated Economies: the Case of Lebanon".
2. Participated in the inaugural conference on "Modernity and Arab Modernity", organized by the Arab Institute of Modern Thought, Beirut, April 30-May 2, 2004 – presented a paper on "Modernity and the Modernization of the Arab Economies".
3. Participated in a workshop on "Policy Initiatives and Reforms in the MENA Regions", organized by the World Bank, Beirut, February 23-24, 2004.
4. Participated in a conference on "the Public Debt" organized by University La Sagesse, Beirut, March 26-26/2004, presented a paper on "Lebanon's Public Debt: an Assessment".
5. Participated in the Fifth Annual Global Development Conference on "Understanding Reform" New Delhi, January 26-30/2004.
6. Participated in a conference on "Industrial Development in Syria", organized by the Syrian Ministry of Industry and the UNDP, Damascus, January 3/4, 2004. Was discussant of two papers prepared by the UNDP.
7. Participated in a conference on "the Financial Sector and Economic Growth", organized by the Arab Monetary Fund, Abu Dhabi, December 7-8/2003, discussant of a paper on the "Development of Financial Markets in the Arab World".

8. Participated in a conference on "Prospects for Arab Development" organized by the Institute of Arab Thought, Beirut, December 4-6/2004, presented a paper on the "The Future of Arab Economic Development".
9. Participated in a conference on "Peace, Institutions and Nation Building in the Mediterranean and the Middle East", organized by the Istituto Affari Internazionali, Rome, July 4-5, 2003 discussant of two papers.
10. Participated in a workshop on "Administrative Reform in Lebanon: Approaches to the Challenge of Change", organized by the Lebanese Center for Policy Studies, Beirut, November 19-20, 2003

#### Other activities

1. In my capacity as a member of the Governing Board of the Global Development Network, I participated in two board meetings held respectively in New Delhi, Jan. 25-26, 2004 and May 16-17, 2004 in Washington DC.
2. In my capacity as a member of the steering committee of FEMISE, I participated in meeting held in Paris, November 14-15, 2003.
3. In my capacity as a member of the Advisory Board of the National Committee for Combating Unemployment (Damascus), over the course of the year I attended a number of meetings of the Board in Damascus.
4. Organized a series of public lectures by invited speakers from abroad sponsored by the Institute of Financial Economics.
5. Invited speaker to give public lectures at various universities in Lebanon.
6. Advisor to graduate economics students.

#### **Marktanner, Marcus**

##### Conferences, Seminars and Meetings

1. Invited to present paper "Social Conflict, Democracy, and Growth" at the 2003 Annual Meeting of the Business and Economics Society International, San Francisco, July 24-28, 2003.
2. Invited to present paper "Externalities, International Policy Cooperation and Systems Competition" at the 2003 Annual Meeting of the Business and Economics Society International, San Francisco, July 24-28, 2003.
3. Invited to present paper "Democratization and Democratization Traps" at the 2004 annual meeting of the Public Choice Society, Baltimore MD, March 11-14, 2004.
4. Served as discussant of papers at the 2003 annual meeting of the Business and Economics Society International and the 2004 meeting of the Public Choice Society.
5. Was awarded "Outstanding Conference Participant Award" at the 2003 annual meeting of the Business and Economics Society International.

##### Other activities

1. Reviewer for "Global Business and Economics Review," "Global Business and Economics Review – Anthology" and "Papers in Regional Science."
2. Represented the Faculty of Arts and Sciences at the AUB Fair, March 2004.

## **Mora, Nada**

### **Conferences, Seminars and Meetings**

1. Invited to present paper "The Bank Lending Channel in a Partially Dollarized Economy" at the first workshop of the Latin American Finance Network (co-sponsored by the Inter-American Development Bank and the School of Business of Universidad Torcuato Di Tella) in Buenos Aires, Argentina, December 11–12, 2003.
2. Invited to present paper "Sovereign Credit Ratings: Guilty beyond Reasonable Doubt?" at the 31st Annual Meeting of the European Finance Association in Maastricht, Netherlands, August 18-21, 2004.

## **Neaime, Simon**

### **Conferences, Seminars and Meetings**

1. Exchange Rates, Trade and FDI Flows and the Euro-Mediterranean Partnership. Paper presented at the *FEMISE* and *ERF* Second Annual Conference on Euro-Mediterranean Economic Relations, Marseille-France. December 6-8, 2003. Funded by the European Community.
2. Liberalization and Financial Integration of MENA Stock Markets. Paper presented in an international conference Economic Integration, Financial Markets and Cooperation: Experiences and Perspectives of Europe and the Arab Islamic World in the 21<sup>st</sup> Century. The Institute of Development Research and Development Policy, Ruhr-University, Bochum, Germany December 13-14, 2003.
3. Correlations in Returns and Volatilities in MENA Stock Markets. Paper presented at the *Economic Research Forum (ERF) Tenth Annual Conference*, Marrakech, Morocco, December 16-18, 2003. Funded by ERF.

### **Other activities**

1. Member of the Interfaculty Financial Aid Committee, 2001- .
2. Supervised masters thesis and projects of 16 graduate students.
3. Member of the Steering Committee of the Finance Competency Center of the Faculty of Arts and Sciences, October 2003- .

## **Ramadan, Usamah**

1. Economics Students Advisor
2. Coordinator of Introductory Macroeconomics (ECON 212)

## **Tzannatos, Zafiris**

1. Chair of the Department.
2. Invited lecture on "Collective Bargaining and Economic Performance" at the Conference on "International Labour Law" organized by the Nordiska Finansanställdas Union (The Confederation of the Nordic Banks, Finance and Insurance Unions), Lillestrøm, Norway, 20-21 October 2003.
3. Participated in seminars and workshops organized by the private and public sectors in Lebanon as well as regional and international organizations stationed in Beirut.
4. Committee member for AUB Job Fair Exhibition, 2004.
5. Organized economics and AUB-wide seminars and public lectures.

6. Referee for *CESifo Economic Studies*, *World Bank Economic Review* and *World Development*.
7. Advisor to graduate students in economics.

## **F. PUBLICATIONS**

### **Kabbani, Nader**

1. "Short Recertification Periods in the U.S. Food Stamp Program". *Journal of Human Resources*, Supplement 2003, Vol. 38(S), pp. 1112-1138 (with P. Wilde\*).
2. "Dropout in Relation to Grade Retention" in K. Alexander, D. Entwisle, and S. Dauber (eds.) *On the Success of Failure: A Reassessment of the Effects of Retention in the Primary School Grades, Second Edition*. New York, NY: Cambridge University Press, 2003 (with K. Alexander\*, D. Entwisle\* and S. Dauber\*).
3. "Prospects for Arab Economic Development: Major Issues," in *Proceedings of the Second Conference on Prospects for Arab Development*, organized by the Arab Thought Foundation, Beirut, December, 2003 (in Arabic) (with S. Makdisi and Y. Shibl). pp. 265-279.

### **Makdisi, Samir**

1. Book: *The Lessons of Lebanon, the Economics of War and Development*, (London, IB Tauris, 2004). pp: 237.
2. "Prospects for Arab Economic Development: Major Issues", in *Proceedings of the Second Conference on Prospects for Arab Development*, organized by the Arab Thought Foundation, Beirut, December, 2003 (in Arabic) (with Y. Shibl and N. Kabbani). pp. 265-279.

### **Marktanner, Marcus**

1. "Social Conflict, Democracy and Growth," in Global Business and Economics Review – Anthology 2003, pp. 346-356.

### **Neaime, Simon**

1. "Mean-Reversion Across MENA Stock Markets: Implications for Derivative Pricing." *International Journal of Business*, Vol.8, No.3, pp. 348-358, September 2003 (with S. Hakim\*).
2. "Moving Ahead from Doha to Cancun: The Formulation of the Lebanese Negotiating Position." *Proceedings of the Expert Group Meeting*. The Center of Economic and Financial Research and Studies and Friedrich-Ebert-Stiftung, Cairo, Egypt, October 2003, pp. 15-28.
3. "Economic Diversification and Gender in the Gulf Cooperation Council Countries," *Journal of Social Affairs*, Vol. 20 No.80, pp.13-41, December 2003.

4. "Sustainability of Budget Deficits and Public Debt In Lebanon: A Stationarity and Cointegration Analysis", *Review of Middle East Economics and Finance*, Vol. 2 No.1, pp. 43-61, 2004.
5. "Real Exchange Rates and Productivity Shocks in a Small Open Economy", in L. Michelis and M. Lovewell (eds) "Exchange Rate, Economic Integration and the International Economy", Toronto, Canada: *APF Press*, 2004, pp. 214-228.
6. "Monetary and Exchange Rate Policies in the MENA Region," *The Arab Bank Review*, Vol.6, No.1, pp. 33-38, April 2004.

### **Tzannatos, Zafiris**

1. "Child Labor and Development". Special issue of the *World Bank Economic Review*, Vol. 17 No. 2, 2003 (guest co-editor with K. Basu\*).
2. "Women in the Labor Market in MENA". Chapter 2 in E. A. Doumato and M. Pripstein-Posusney (eds) *Women and Globalization in the Arab Middle East: Gender, Economy and Society*. Boulder, Colorado: Lynne Reiner, 2003, pp. 55-72 (with I. Kaur\*).
3. "Child Labor and Development: An Introduction". *World Bank Economic Review*, Vol. 17, No. 2, 2003, pp. 145-146 (with K. Basu\*).
4. "The Global Child Labor Problem: What Do We Know and What Can We Do?" *World Bank Economic Review*, Vol 17, No. 2, 2003, pp. 147-174 (with K. Basu\*).
5. "Understanding Children's Work: An Interagency Data and Research Cooperation Project". *World Bank Economic Review*, Vol 17, No. 2, 2003, pp. 311-314 (with A. Fyfe\*, F. Roselars\* and F. Rosati\*)
6. "Child Labor and School Enrollment in Thailand in the 1990s". *Economics of Education Review*, Vol. 22, No. 5, 2003, pp. 522-536.

## **G. FUTURE DEVELOPMENT**

Last year's departmental report assessed the requirements in terms of space, equipment and salary levels. Of these three requirements, space remains the most unresolved issue followed by equipment needs while additional constraints and priorities have emerged in the meantime.

With respect to space, though three faculty members are permanently housed in Nicely (as Fellows of the Institute of Financial Economics), there are still not enough offices in Ada Dodge to accommodate all full-time faculty and the numerous part-time and visiting faculty and research and graduate assistants. Making provisions for all faculty members to be housed in one location would enhance the interaction and increase the synergies among them while it would allow for scale economies (for example, the Department does not have a meeting room and lacks proper facilities for instructors as well as research and graduate assistants).



Expanding and upgrading equipment will be necessary in the coming few years. Given the large number of economics majors and graduate students and increasing emphasis on quantitative courses, the Department would need a computer lab (initially comprising 30-40 computers; see also last year's report) and a budget request for this has been submitted. In addition, the Department would require a replacement photocopier as well as computers for office use and better support for applied research with large scale data.

Despite past and continuing improvements in the curriculum, the undergraduate program still requires to be better sequenced and enriched. The Department should continue to look into the nature of prerequisites, appropriate curricular revisions and also timing of courses in order to avoid unnecessary bottlenecks for student choices. The courses on offer should be revised in the light of evolving realities especially in the region (for example, by offering courses on the Economics of the Middle East or the Economics of Petroleum which are listed in the catalogue but not taught). When possible, the Department will look into the appropriateness of cross listing certain courses with other departments with the view to enriching student choices across AUB. Similarly, the Department will look into the desirability and feasibility of introducing inter-disciplinary masters in cooperation with other departments and faculties. Though a PhD program in economics seems remote, its eventual introduction needs to remain in sight.

Strategic recruitment would be required to deliver on the increasing demands for teaching especially in the MA in Financial Economics where faculty shortages remain most acute. In the meantime, one way to rationalize resources would be to introduce larger lectures but with teachers drawn from professorial ranks to ensure high quality of teaching. As of Fall 2004, a large service course (undergraduate macroeconomics, ECON 212) will be taught in four lectures by full-time faculty to about 120-150 students at a time to be followed by the necessary recitations given by instructors (compared to 14 sections that would have been required otherwise). This can be the model for the future.

Finally, while space and equipment can restrict the performance of any department, the development of the Economics Department would be enhanced after it reexamines its long-term objectives. The Department continued to explore this during the past academic year and, building on past experiences and accomplishments, plans to further explore what areas should be developed or strengthened.

Z. Tzannatos  
Chair

## DEPARTMENT OF EDUCATION

### **A. SUMMARY OF PROGRAMS**

1. The numbers of majors averaged across the two semesters were as follows: BA (81), Teaching Diploma (66), and MA (86).
2. Total enrolment in Education courses for the two semesters was 1416 for undergraduate courses and 258 for graduate courses.
3. The Curriculum and Examination Committee of the Department analyzed the surveys collected from faculty, students, alumni, cooperating teachers school principals, and potential employers regarding the BA program. In addition, it surveyed Department faculty members about their evaluation practices and about the comprehensive examination. Information from the surveys will be used to revise the BA program.
4. Faculty members contributed heavily to the Faculty and University committees and in particular to the self-study accreditation teams.
5. The Department organized two regular sessions of workshops in September 2003 and February- March 2004. It also organized two specially tailored workshops for Sagesse High School teachers.
6. Department Faculty were involved in REP projects including the Dhofar University Project, the Kingdom School Project, the New School Project in Egypt, and the Gulf Reform Project.
7. Two members of the Department coordinated the activities of the university wide Teaching Excellence Initiative.
8. The Science and Math Education Center (SMEC) organized its Eight Annual Science and Math Teachers Conference (SMEC VIII). One new feature of SMEC VIII was the introduction of a research pre-session that attracted presenters from Lebanon and the Arab region. In addition, SMEC continued its tradition of organizing a nationwide Science, Math and Technology Fair.
9. The Education Forum organized a number of Seminars, one of which was organized in collaboration with the Department of Economics.
10. The Department wrote a number of proposals to renovate the SMEC Library and Multi-purpose Room. In addition, proposals were written to conduct professional development activities at the request of Mr. Bill Hoffman.

### **B. PERSONNEL**

#### **1. Faculty Members**

##### **Academic**

##### **Regular**

Tamer Amin	Ph.D.	Assistant Professor
Munir Bashshur	Ph.D.	Professor
Amal Bou-Zeineddine	Ph.D.	Lecturer
Saouma BouJaoude	Ph.D.	Professor
Ghazi Ghaith	Ph.D.	Associate Professor

Marj Henningsen	Ph.D.	Assistant Professor
Karma El-Hassan	Ph.D.	Associate Professor
Farida Khan	Ph.D.	Senior Lecturer
Miles Lovelace	Ph.D.	Visiting Professor
Murad Jurdak	Ph.D.	Professor
Na'emeh Hasan	M.A.	Instructor
Samar Mukallid	Ph.D.	Lecturer
Hussein Yaghi	Ph.D.	Associate Professor

### **Part-timers:**

Lina Abyad Nassar	Ph.D.	Lecturer
Rubina Artinian	M.A.	Instructor
Najla Bachour	Ph.D.	Lecturer
Simon Faddoul	Ph.D.	Lecturer
Ra'uf Ghusayni	Ph.D.	Associate Professor
Hadia Harb	Ph.D.	Lecturer
Hanin Hout	Ph.D.	Lecturer
Zarifeh Jarjour	M.A.	Instructor
Waltraud Merhej	M.D.	Lecturer
Pauline Nadjarian	M.A.	Instructor
Ne'meh Safa	Ph.D.	Lecturer
May Salaheddine	M.A.	Instructor
Majida Mabrouk Sleiman	M.A.	Instructor
Mahmoud Shehab	M.A.	Instructor

### **2. Graduate Assistants**

- Dalal Moukarzel
- Hana Addam
- Inar Zein
- Lamia Haddad
- Mona BouAzza
- Randa Basho
- Souad Achkar
- Rola Halabieh
- Zeinab Zein
- Salia Hoteit

### **3. Non-Academic**

- |                          |                           |
|--------------------------|---------------------------|
| - Kashou' Kabalan, Leila | Department Secretary      |
| - Kurfali, Youssef       | Department Technician     |
| - To'meh, Munir          | Department Messenger      |
| - Abou Shakra, May       | SMEC Secretary            |
| - Hilu, Hanna            | SMEC Assistant Technician |

## **C. TEACHING**

### **1. Number of Graduating Majors**

BA	Oct. 2003	4
	Feb. 2004	13
	June 2004	27
TD	Oct. 2003	2
	Feb. 2004	3
	June 2004	39
MA	Oct. 2003	2
	Feb. 2004	2
	June 2004	4

### **2. Number of Majors**

	Fall 2003-2004	Spring 2003-2004
Graduates	81	91
Prospective	5	3
Teaching Diploma	61	72
Seniors	35	39
Juniors	33	27
Sophomores	16	11
Total	231	243

### **3. Student Enrollment in Courses**

	Summer 2003	1 <sup>st</sup> Semester 2003-4	2 <sup>nd</sup> Semester 2003-4	Total
Courses numbered 300 and above	2	131	125	258
Courses numbered 211 through 299	100	691	626	1417

## **D. RESEARCH**

### **Amin, Tamer**

1. Semiotic articulation of process and content in a high-school science activity: An integration of three perspectives, co-authored with Selma Leitao and Jorge Falcao, University of Pernambuco, Recife, Brazil. (Completed manuscript, to be submitted shortly).
2. A cognitive linguistic characterization of concepts in thermal physics,” is an analysis of language use associated with concepts in thermal physics as they appear in introductory college physics textbooks. This project was funded by the URB during the year 2002-03. This project is now in the phase of data analysis and manuscript preparation.
3. Began work on a review of literature on conceptual change in science, which is an integrative critique of that literature from a discursive perspective. I plan to work extensively on this project this summer (2004). I have received a summer grant made

available to the Steering Committee of the Center for American Studies and Research to support completion of this project.

4. Prepared a research proposal for a study on the language of instruction and concept learning in elementary science in Lebanon. I have been granted paid leave under the Hewlett Foundation grant to carry out this study during the Spring of 2005.

### **BouJaoude, Saouma**

#### Articles:

1. BouJaoude, S. & Barakat, H. (in press). Students' Problem Solving Strategies in Stoichiometry and their Relationships to Conceptual Understanding and Learning Approaches. *Electronic Journal of Science Education*.  
*Description:* Identifies and analyzes secondary students problem solving strategies when solving stoichiometry problems in chemistry. Investigates the relationships with conceptual understanding and students' learning approaches.  
*Status:* *accepted for publication*
2. BouJaoude, S. & Attieh\*, M. (Submitted). The Effect of using Concept Maps as Study Tools on Achievement in Chemistry. *Journal of Research in Science Teaching*.  
*Description:* The purposes of this study were to: (1) examine whether or not the construction of concept maps by students improves their achievement and ability to solve higher order questions in chemistry; (2) investigate the relationships between performance on concept maps and chemistry achievement and ability to solve higher order questions; and (3) describe students' perceptions of using concept maps in chemistry and in other subjects  
*Status:* Submitted for publication – *Journal of Research in Science Teaching*.
3. Dagher\*, Z. & BouJaoude, S. Beyond implicit and explicit teaching of the nature of science: The hidden cost of partial understanding<sup>3</sup>.  
*Description:* This study explored how some college students understand the nature of a complex scientific theory and how they evaluate its scientific status.  
*Status:* Submitted for review – *Science Education*
4. BouJaoude, S. & Ghaith, G. (submitted). Educational reform at a time of change: The case of Lebanon.  
*Description.* The purpose of this chapter is to describe and analyze the impact of the Lebanese educational reform. An analytic framework for evaluating the impact of education reforms (Kraft, 1993) will be employed taking into consideration the political and social changes in contemporary Lebanon.  
*Status:* Submitted.
5. BouJaoude, S. & Jurdak, M. Integrating Science and Math through Microcomputer-Based Laboratories (MBL): Effects on conceptual understanding, problem solving, and science and math conceptions.  
*Description:* The purpose of this study is to investigate the effect of integrating science and math through microcomputer based labs (MBL) on students and teachers' conceptions of math, science, math and science teaching and on students' achievement.  
*Status:* Being piloted in one school. URB grant proposal submitted.

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<sup>3</sup> An earlier version of this paper was presented at the annual meeting of the National Association for Research in Science Teaching held in Chicago-Illinois, March 21-24, 1997.

6. BouJaoude, S., Sowwan\*, S., & Abd-El-Khalick\*, F. (In press). The effect of using drama in science teaching on students' conceptions of nature of science, Proceedings of the ESERA Conference. Dordrecht, Netherlands: Kluwer..  
*Description:* The purpose of this study was to investigate the effect of using drama as a supporting learning strategy on students' conceptions of NOS. Specifically, this study attempted to answer the following question: Will students who engage in various activities related to drama have more up-to-date views of certain aspects of NOS (its tentativeness and testability, as well as it being theory-laden and empirically based) than students who do not engage in such activities? *Status:* Accepted for publication
7. BouJaoude, S. Images of science in the written media in Lebanon.  
*Description:* The purpose of this study is to investigate the images of science portrayed in the written media in Lebanon.  
*Status:* Research completed and paper being written.

Books:

1. BouJaoude, S. & Ayoubi, Z. Inquiry Teaching in Science.  
*Description:* This is a book on inquiry teaching in science addressed to k-12 teachers. This book is part of a series of similar books that will be published by the Lebanese Association for Educational Studies, Beirut, Lebanon.  
*Status:* Being written. Planned for completion by end of July 2004.

**BouZeineddine, Amal**

1. A book in progress اساليب تدريس اللغة العربية للمرحلة الابتدائية: التعلم المنطلق من المتعلم
2. Children At Risk in Palestinian Camps, paper in progress.

**El-Hassan, Karma**

1. Working on a chapter on 'Assessment in Higher Education' in the LAES Annual Book on Quality Assurance in Higher Education in the Arab Countries, to be published summer 2004.
2. Continuing research on critical thinking.
3. Continuing research on cross cultural adaptability, determining its component factors and the validation of instruments for measuring it.
4. El Hassan, K. (2003). Validation of an Instructor Course Evaluation System. Manuscript submitted for publication (Paper under Review)
5. El Hassan, K. & El Sader, M. (2003). Arabizing and validating the Bar-On EQ-I:YV in Lebanese context. Manuscript submitted for publication. (Paper under Review)

**Ghaith, Ghazi**

1. Ghaith, G. M. & Kawtharani A. (in press). Using Cooperative Learning with Primary School Students. In G. Jacobs & S. McCafferty (Eds.), *Cooperative Learning in Language Teaching*. Cambridge University Press.

**Henningsen, Marj**

Books in press:

1. \*Smith, M. S., \*Silver, E. A., \*Stein, M. K., Henningsen, M. A., \*Boston, M., & \*Hughes, E.K. (in press). Cases of mathematics instruction to enhance teaching: Algebra as the study of patterns and functions. New York: Teachers College Press.

2. \*Smith, M. S., \*Silver, E. A., \*Stein, M. K., \*Boston, M., Henningsen, M. A., & \*Hillen, A.F. (in press). Cases of mathematics instruction to enhance teaching: Rational numbers and proportionality. New York: Teachers College Press.
3. \*Smith, M. S., \*Silver, E. A., \*Stein, M. K., \*Boston, M., & Henningsen, M. A. (in press). Cases of mathematics instruction to enhance teaching: Geometry and measurement. New York: Teachers College Press.

Papers in Press or in Preparation:

1. Zebian, S. and Henningsen, M. (in press). Sociomathematical norms in Lebanese classrooms and their relationship to higher order critical thinking in students: Some different conceptual starting points for mathematics teaching and learning. Paper accepted for the Proceedings of the Annual Meeting of Psychology in Math Education (PME-NA), Toronto, October 2004.
2. Henningsen (Journal article in preparation). Elementary pre-service teachers' learning from cases.
3. Henningsen, M. and Zebian, S. (Analysis in progress). High-level thinking, reasoning, and communication in Lebanese elementary mathematics classrooms.

Ongoing Research Activities:

1. During the spring semester, I began preparing an article reporting on my analysis of pre-service teachers' work with respect to authentic narrative and video cases of teaching mathematics at the elementary level. The aim of the analysis was to ferret out what pre-service teachers learn from reading, analyzing, and discussing authentic classroom cases and to contribute to developing theoretical work in this area.
2. Currently serving as the working group leader for Teacher Education and Development for the Math Education into the 21<sup>st</sup> Century Project. I was responsible to produce a position paper for the working group this year and also a revised paper following the 2003 meeting in Brno. This is a collaborative project that holds annual conferences and involves researchers from all over the world. I am also the project representative for Lebanon.
3. The majority of my research time this year has been dedicated to co-directing a research and development project with a colleague in SBHS, Dr. Samar Zebian. MARAL has two broad purposes: 1) to study student engagement in high level thinking, reasoning, and communication in elementary mathematics classrooms in Lebanon (public and private, arabic and english) and 2) to provide support to teachers in their efforts to do so. The research involves data collection in schools primarily in the form of videotaped lesson observations and audiotaped interviews with teachers. This type of work is labor-intensive and time-consuming. The bulk of 2003-2004 has been spent developing and piloting a comprehensive analysis instrument and training graduate assistants to help with the coding. The current project involves coding a stratified random sample of 82 lessons from the MARAL database (total database = 249 tapes). Each videotaped lesson takes about 4-5 hours to code. We are in the process of completing this coding project, analyzing, and reporting on these data. This coding should be completed by August 2004. In addition there are other more specific coding and analysis projects underway. In addition to the coding projects, we are actively pursuing grant-writing for substantial long-term funding and partnerships to continue MARAL in the context of creating a multi-national database for comparative studies.

### **Jurdak, Murad**

1. A nation-wide study on “Student Achievement Study” (supported by UNESCO, UNDP, and CERD) was carried out in two phases. This is a large-sample national assessment study involving more than 5000 students. The first phase was completed in and the technical report was written 2000 and the second phase and its technical report was completed in 2001
2. “Assessment of high school students, performance on work-based problem tasks” was a research supported by a grant from URB. The project has been completed. Three papers are expected to be written based on the data from this project. One paper was accepted for presentation in the 10<sup>th</sup> International Congress of Mathematics Education (ICME-10) will be also published as a chapter in a book

### **Khan, Farida**

1. Completed the pilot phase for a study on “Mathematics Teaching in elementary classrooms: teachers beliefs about mathematics and classroom practices” an ongoing project sponsored by the Maulana Azad Centre for elementary and social education, Delhi.

### **Yaghi, Hussein**

1. Yaghi, H. (In Press). Experience with integrating information and communications technologies into Lebanese public schools. In Osta (editor), Technology in Education, Lebanese Association for Educational Studies Year Book.
2. Net-Based Education at the Pre-University Level (Oct. 2001 – Oct. 2003). Responsibility: Co-investigator  
*Description:* Developing methods and strategies to improve education through networked computer technology, and studying the patterns of using the Internet or other forms of networks in education in Lebanese schools.  
*Current Status:* Data Analysis

## **E. OTHER STAFF ACTIVITIES**

### **Amin, Tamer**

#### *Conference presentations:*

1. A paper entitled “A Usage-based Approach to Characterizing Concepts in Thermal Physics” was presented at the Eighth International Cognitive Linguistics Conference, July 20-25, 2003, University of La Rioja, Spain.
2. A conference paper co-authored with Marianne Wiser entitled “Microworlds Meet Cultural Cognition” was presented as part of a symposium entitled “Bridging the gap between constructivism and sociocultural perspectives?” to be held during the 10<sup>th</sup> Biennial Conference of the European Association for Research on Learning and Instruction, Padua, Italy, August 26-30, 2003.

#### *Workshops:*

1. Language in the Elementary Science Classroom, Department of Education Spring Workshops, AUB, March 13, 2004.

#### *Other Professional activities*

1. Member of Editorial Board, *Culture & Psychology*, Sage Publications



2. Program Chair and Member of Local Organizing Committee, Science and Mathematics Teachers Conference, SMEC VIII (May, 2004)
3. Member of AUB accreditation task force on Related Educational Activities.
4. Member of Research Committee, Faculty of Arts & Sciences, AUB.
5. Member of Department of Education, Curriculum and Examination Committee.
6. Member of Department of Education, Practice Teaching Committee
7. Education Students Society Advisor, Department of Education, AUB
8. Consultations for Education Development Center, Washington DC, New Schools Project, Egypt.
9. Training for teachers on integrating curricular components (August 2003).
10. Training for teacher on active learning in science (January 2004).
11. Thesis advisor to Ghada Assad Yared and Lamia Haddad
12. Serving on the thesis committees of Ghida Madhoun, Yasmine Zein, Maral Boyadjian, Natalie Nassar, Faten Masri, Layal Tayara, and Nireen Dandashly.

### **BouJaoude, Saouma**

1. April 2004: Lebanese Parents' Perceptions of Science and Science Teaching. Paper presented at the annual conference of the National Association for Research in Science Teaching (NARST) (Vancouver, Canada, March 31-April 3, 2004) (Co-Authored with Lina Hajj).
2. April 2004: Do Student Views of Nature of Science Influence Their Conceptual Understandings of Science Content? (Co-Authored with Dr. Fouad Abd-El-Khalick, University of Illinois at Urbana-Champaign). Presented at the annual conference of the National Association for Research in Science Teaching (NARST) (Vancouver, Canada, March 31-April 3, 2004).
3. April 2004: Science education in the Arab States: Current status and future directions. Paper presented in the Symposium on International Science Education: Applications and Opportunities for Research, Scholarship, and Service during the annual conference of the National Association for Research in Science Teaching (NARST) (Vancouver, Canada, March 31-April 3, 2004)
4. January 2004: Participated in a panel on the "Application of New Information Technology in the Arab States to Achieve the Goals of Education for All" during the Arab Regional Conference on Education for All (EFA) National Plans: What's Next January 20-23, 2004.
5. December 2003: Presented a public lecture on Active Learning. Kingdom Schools, Saudi Arabia.
6. August 2003: The Effect of Using Drama in Science Teaching on Students' Conceptions of Nature of Science (Suha Sowwan and Fouad Abd-El-Khalick, Co-authors). Presented at the 2003 meeting of the European Science Education Research Association (ESERA), Nordwick, Netherlands, August 19-23, 2003.

### **Lectures and Workshops**

1. Participated in the summer and midyear workshops organized by the Department of Education.
2. Provided workshops to Kingdom Schools teachers, Riyadh, Saudi Arabia.
3. Provided consultation to Dhofar University, Salalah, Sultanate of Oman.
4. Participated in workshops on student-centered learning in science in the New School Program, Egypt. This activity was implemented through the AUB Office of Regional and External Programs.

5. Co-Chaired the Organizing Committee of the Eighth Annual Science and Math Teachers Conference.

Other professional activities

1. Member of the executive board of the National Association for Research in Science Teaching (International Coordinator)
2. Reviewer for Electronic Journal of Literacy Through Science
3. Contributing International Editor, Science Education
4. Board of Governors, Brummana High School, Brummana, Lebanon
5. Member International Committee of the National Association for Research in Science Teaching.
6. Consulting Editor, African Journal of Educational Studies in Mathematics and Science.
7. Member of the Editorial Board of the Journal of Science Teacher Education.
8. Reviewer for Journal of Science Teacher Education, Journal of Research in Science Teaching, School Science and Mathematics Journal, Science Education, Electronic Journal of Science Education, and Science books and films.
9. Member in the National Association for Research in Science Teaching, National Science Teachers Associations, School Science and Mathematics Association, Association for the Education of Teachers in Science
10. Member of the European Science Education Research Association.
11. Member of the Accreditation Task Force, American University of Beirut
12. Consultant for a number of Lebanese, Jordanian, and Saudi schools in science curriculum and teaching methodology.

**BouZeineddine, Amal**

1. Consultant to: Gulf Education Reform Project, June 2004, CUDMOS project (Phase 1), Moawad Foundation, the Association d'Aide au Developpement Rural and the Arc-en-ciel, funded by the World Bank through the CDR, June 2004, Dhofar University, Sultanate of Oman, 2004 , School of Medicine, American University of Beirut, Teaching with Students' Learning in Mind, Educational Strategies: Content and Method, Oct. 2003, US AID/ EDC , Minya/Beni Sweif, Egypt 2003- 2004, Sagesse High School, 2003, 2004
2. AUB Accreditation Self – Study Task (Sub- team Coordinator), Related Educational Activities, Affiliative Relationships and Contractual Agreements, Task Force on Educational Outcomes
3. Coordinator, Department Feb./Mar. Workshops, Department of Education, 2004
4. Arabic Workshops Coordinator, Department of Education
5. Education Pledge, Ceremony Organizer, 1999 to present
6. Club Advisor, Women's Rights Club, 2004
7. Speaker, Teacher Preparation Conference in the Arab World, Beirut – Lebanon, 2004
8. Reading Day for the underprivileged children in Lebanon, Mar. 2004 (Volunteer Work).

Professional Membership:

1. Association for Supervision and Curriculum Development;
2. Lebanese Association for Educational Sciences; Teaching of English to Speakers of Other Languages.

### **El-Hassan, Karma**

1. December 2003, gave a presentation on 'psycho-educational assessment of children' at the Pediatrics Department, Faculty of Medicine, AUB.
2. December 2003- February 2004, served on the committee appointed by the Minister of Higher Education to prepare criteria for private universities. In this capacity, prepared and gave a presentation on the 'role and characteristics of assessment in higher education'.
3. January 2004 – present, served on the steering committee appointed by the Minister of Education commissioned with preparing a framework for educational strategy in education in Lebanon. Was commissioned to prepare the quality dimension of the framework.
4. March 2004, gave a workshop to AUB faculty on 'assessment of learning outcomes'.
5. April 2004, attended and participated in the American Educational Research Association (AERA) and National Council on Measurement and Evaluation (NCME) Annual Meetings, San Diego California.
6. May 2004, presented a paper in the Arab Education Ministers' Conference on Assessment held in Beirut, Lebanon. Title of paper 'Development of Criterion Measures for Assessment of Quality in Education'.
7. June 2004, attended and participated in the Association of Educational Research (AER) Annual Meeting, Boston, USA. Took two workshops on : (1) preparing assessment plans, and (2) strategic planning.
8. June 2004, visited Harvard Graduate School of Education and discussed with the Director of Global Institute the possibility of offering the seminar on quality education at AUB next fall. Proposal will be prepared.
9. Fall and spring 2003-4 supervised four MA Theses, and was advisor for undergraduate and graduate students.

### **Ghaith, Ghazi**

1. Coordinated the activities of the Education Forum
2. Served as member and secretary of the Curriculum and Examination Committee of the Department of Education
3. Served as member of the Research Committee of the Faculty of Arts and Sciences
4. Served as of the Graduate Committee of the Faculty of arts and Sciences
5. Implemented and coordinated a number of in-service workshops organized by the Department of Education.
6. Provided consultation to the Kingdom Schools and Dofar University.
7. Served as member of the Executive Board of Directors of the International Association for the Study of Cooperation in Education (IASCE).
8. Reviewed manuscripts for System, Language, Culture, and Curriculum, and *Al-Abhath*, the TESL EJ Journal.

### **Henningsen, Mari**

#### Article Reviews

1. One Manuscript for *American Educational Research Journal*
2. One Manuscript for *Journal for Research in Mathematics Education*

#### Accreditation

1. Served on Task Team 3 (Institutional Resources), functioning as a Subteam Chairperson. My subteam was responsible for examining Educational Resources. I

was actively involved in the entire process, including substantial work on the editing and final draft of our task team report (all sections). In the site-visit videoconferencing, I also participated as a resource person for the Task Team on Student Assessment and in the Open Faculty Forum.

2. Center for American Studies and Research (CASAR). Member of the Steering Committee, appointed by the Dean, July 2003-January 21, 2004 and Co-Chair of the Steering Committee with David Koistinen (HIST) January 22-June 30, 2004 (main duties: coordinated with search committee on the Director search, coordinated production of the final committee report)
3. Seminar on Teaching and Learning Excellence. I served as a session facilitator with David Wrisley (CVSP) for the Seminar on Teaching and Learning Excellence in Spring 2004 (Alternative Student Assessment).

#### FAS Committee Work

1. Student Affairs Committee

#### Graduate Thesis Advising

1. Served on a Masters thesis committee for a student outside my department in SBHS, Ms. Yasmine Zein who successfully defended her thesis in March 2004.
2. Currently serving as thesis advisor for the following Education students: Layal Tayara, Elem Ed (Passed proposal June 4, 2004, Effect of code switching on the quality of mathematical communication at the elementary level), Zeinab Zein, Math Ed (close to proposal, Ninth grade student perceptions of mathematics curriculum), Lina Darwiche, Ed Psych (close to proposal, Use of errors during instruction and relationship to students' intellectual autonomy in elementary math), Hala Khoury, Elem Ed, Shereen Sakr, Elem Ed, Rima Basha, Elem Ed

#### Education Department Committees

1. Curriculum and Examination Committee, Chairperson 2003-2004
2. Graduate Admissions Committee
3. Practice Teaching Committee

#### SMEC

1. Director, 2003-2005
2. Co-chair/organizer of the SMEC teacher conference for 2003-2004. The conference was again successful with about 550 participants, and with 89 presenters representing 14 countries. This was the first year of the Research Pre-Session, which was very successful.
3. Served as a judge for the annual Science, Math, and Technology Fair in Spring 2004. I also gave remarks at the closing ceremonies on behalf of SMEC.

#### Workshops Presented

1. Henningsen, M. (2003). What is Math and What Do You Think It Means To "Do" Mathematics? Workshop for teachers, September 2003, American University of Beirut.
2. Henningsen, M. (2003). Using homework in innovative ways in the elementary math classroom. Invited workshop for teachers, December 2003, Rabieh School, Kabr Shamoun, Lebanon.

3. Henningsen, M. (2004) Promoting Understanding of Chance and Probability in Elementary Mathematics. Workshop for teachers, March 2004, American University of Beirut.
4. Henningsen, M. (2004). Informal and Systematic Ways of Assessing Students' Progress in Elementary Mathematics. Workshop for teachers, March 2004, American University of Beirut.

#### Consultations

1. In January 2004, I participated for the fourth year in a row in the New Schools Project in Upper Egypt. This year I was again the lead presenter for math in the Minya Governorate for the student-centered teaching seminar for elementary school teachers in Minya. All sessions were conducted in Arabic with the help of a professional translator. This project is administered through REP.

#### Conference Participation

1. In September 2003 presented a paper at the annual meeting of Math Education into the 21<sup>st</sup> Century Project: The Humanistic Renaissance in Math Education in Brno, Czech Republic. I served leader of a new conference working group on Teacher Education and Development. I also served as the country representative for Lebanon and as a member of the Conference Organizational Steering Committee.
2. Report of Task Team 3: Institutional Resources, Middle States Accreditation Team, American University of Beirut (Substantial Authorship of the document)
3. Report of the CASAR Steering Committee, FAS, American University of Beirut (Substantial Authorship of the document)

### **Jurdak, Murad**

#### Curriculum Development

1. Restructured EDUC 227 to make it a computer-based (SPSS) course
2. Restructured EDUC 321 to integrate quantitative and qualitative research methodologies
3. Updated EDUC 310

#### Advising

1. Regular Advisor for Teaching Diploma students in math education
2. Regular Advisor for M.A in math education

#### Professional Activities

1. Serving as the math consultant for the AUB/AMIDEAST Gulf Training Project
2. Visited Catania in Italy to participate in the first meeting of the Executive Committee of the newly established Mediterranean Society for Comparative Education of which I am a founding member.
3. Gave a presentation on the "Role of Research in Higher Education" to the conference on higher education, organized by Kaslik University.
4. On behalf of the Department of Education, I organized a workshop on "Alternative Assessment" to the teachers of Sagesse School.
5. Serving on the organizing team of a Discussion Group on "International Cooperation in Mathematics Education" as part of the 10<sup>th</sup> International Congress of Mathematics Education (ICME-10), Copenhagen, July 4-11, 2004

6. A paper was accepted for presentation in the 10<sup>th</sup> International Congress of Mathematics Education (ICME-10), Copenhagen, July 4-11, 2004
7. Steering Committee of the Accreditation Self Study, member
8. Co-Chair of Task Team on Assessment of Student Learning Outcomes
9. Reviewer for the Journal of Research in Mathematics Education (Official Journal of the National Council of Teachers of Mathematics)
10. Reviewer for School Science and Mathematics Journal (Official Journal of the School Science and Math Association).
11. Member of the International Society for Cultural Research and Activity Theory (ISCRAT)
12. Member of the School Science and Math Association (SSMA)
13. Member of the International Group for the Psychology of Mathematics Education.
14. Consultant to UNESCO Cairo Office to assess the secondary math curricula in Syria, September 2003. A comprehensive report was submitted with recommendations for reform
15. President of the Lebanese Association for Educational Studies (LAES) since January 2004.

#### **Khan, Farida**

1. Served on the organizing team of a Discussion Group of the 10<sup>th</sup> International Congress of Mathematics Education (ICME-10) to be held in Copenhagen, Denmark July 4- 11, 2004.
2. Member of the International Society for Cultural Research and Activity Theory (ISCRAT).
3. A paper entitled, "Teachers beliefs, classroom context and the practice of Mathematics in elementary classrooms" accepted for presentation at the 10<sup>th</sup> International Congress of Mathematics Education (ICME-10).

#### **Yaghi, Hussein**

1. More development on the Digital Resource Center, a database system to manage Digital Learning Objects through networked computers. The system is being used in EDUC 247 and EDUC 220 courses at the Department of Education at AUB.
2. Taught CVSP 220 (Civilization Sequence Program) Drawing I.
3. Presented a paper on Dynamic Digital Resource Center for Constructivist Learning *at the SMEC VIII Teacher Conference, AUB, May 22-23, 2004.*
4. Provided consultation for Kingdom Schools in Saudi Arabia according to an agreement with AUB-REP.

#### **Technical Reports:**

1. Produced a technical report titled "Educational Use of Computer Networks in Schools: Implementation Modalities", for the United Nations - Economic and Social Commission for Western Asia (ESCWA) according to an AUB-REP contract, February, 2004.

## **F. PUBLICATIONS**

#### **Amin, Tamer**

1. Amin, T. G., & Valsiner, J. (2004). Coordinating operative and figurative knowledge: Piaget, Vygotsky and beyond. In J. I. M. Carpendale & U. Mueller (Eds.), *Social*

*interaction and the development of knowledge: Critical evaluation of Piaget's contribution.* Hillsdale, NJ: Erlbaum.

### **BouJaoude, Saouma**

#### Articles

1. BouJaoude, S. (2003). Science and Technology in Schools of the Twenty-First Century. In Jenkins, E. (ed.). *Innovations in science and technology education*, Volume VIII (pp. 43-68). Paris: UNESCO.
2. Abd-El-Khalick\*, F. & BouJaoude, S. (2003). Lebanese Students' Views of Nature of Science, *Mediterranean Journal of Educational Studies*, 8, 61-79.
3. BouJaoude, S. (2003). Scientific Literacy in the Lebanese curriculum. Proceedings of the conference " 3e Millenaire: Quelle education pour quelle jeunesse (Third millennium: What education for what youth?). Kaslik, Lebanon: University of Holy Spirit, Kaslik. (A version of this paper appeared in the *International Journal of Science Education*, 24, 139-156.)
4. BouJaoude, S., Salloum\*, S., & Abd-El Khalick\*, F. (2004). Relationships Between Selective Cognitive Variables and Students' Ability to Solve Chemistry Problems. *International Journal of Science Education*, 26, 63-84.
5. BouJaoude, S., & Abd-El-Khalick\*, F. (2004). A Decade of Science Education Research in Lebanon (1992-2002): Trends and Issues in Mutua, K & Sunal, C. S. (Eds.) (203-241). *Research on Education in Africa, the Caribbean, and the Middle East*, Volume 1. Greenwich CT: Info Age Press.
6. Abd-El-Khalick\*, F., BouJaoude, S., Duschl\*, R. A., Hofstein\*, A., Alderman\*, N. G., Mamlok, R., Niaz, M., Treagust, D., & Tuan, H. (2004). Inquiry in Science Education: International Perspectives. *Science Education* 397-419.
7. BouJaoude, S., & Youssef\*, R. (2004). The Effect of Teaching an Environmentally Oriented Science Unit on Students' Attitude and Achievement. *Science Education International*, 15, 63-78.

#### Reports:

1. BouJaoude, S. (2003). Teaching and learning by inquiry: Role of the teacher and technology. Report prepared for the Regional Workshop on Evaluating Science and Technology Curricula, UNESCO, Beirut (In Arabic).
2. BouJaoude, S. (2003). Status of science teaching in the Syrian Arab Republic. Research funded by UNESCO Cairo Office.

### **Ghaith, Ghazi**

1. Ghaith, G. M. & Abd El- Malak M. (2004). Effect of Jigsaw II on EFL Reading Comprehension. *Educational Research and Evaluation* 10 (2), 105-115.
2. Ghaith, G. M. (2003). Effects of the Learning Together Model of Cooperative Learning on EFL Reading Achievement, Academic Self-esteem, and Feelings of School Alienation. *Bilingual Research Journal* 27 (3), 451-474.
3. Ghaith, G. M. (2003). The Relationship Between Forms of Instruction, Achievement, and Classroom Climate. *Educational Research*, 45 (1), 107-117. Description: Reports the results of a correlational study of cooperative learning and selected aspects of class climate in a peer-reviewed scholarly journal.
4. Ghaith, G. M. & Obeid, H. (2003). Effect of Think-alouds on Literal and Higher-order Reading Comprehension. *Educational Research Quarterly*, 26 (4), 13-21. Reprint (2004), 27 (3). 49-57.

5. Shaaban, K. & Ghaith, G. M. (2003). Effect of Religion, First Foreign Language, and Gender on the Perception of the Utility of Language. *Journal of Language Identity and Education*, 2 (1), 53-77.

**El-Hassan, Karma**

1. El Hassan, K. (2004). The correlates and construct of self-concept in Lebanon. *International Journal of Testing*, 4(1), 1-17.
2. El Hassan, K. & Jammal, R. (2004). Validation and development of norms for the Test of Auditory Comprehension of Language-Revised (TACL-R). *Assessment in Education: Principles, Policy & Practice*.

**Henningsen, Mari**

1. Henningsen, M. A. (2003). Intertwining Research and Teacher Development in Lebanese Elementary Mathematics Classrooms: The MARAL Project. In I. Meznik & A. Rogerson (Ed.) *Proceedings of the Annual Meeting of the Mathematics into the 21<sup>st</sup> Century Project: The Decidable and Undecidable in Mathematics*, Brno, Czech Republic, September 2003. Brno, Czech Republic: MEC21.

**Jurdak, Murad**

1. Jurdak, M. (2004). The role of research in higher education: Status and expectations (in Arabic). In *Higher education in Lebanon, Annales de Philosophie des Sciences Humaines (Universite Saint-Esprit de Kaslik)*, pp.27-37

**Khan, Farida**

1. Khan, F. (2004) Living, learning and doing mathematics: A study of working class children in India. In *Education Dialogue*. Spring issue. (A journal of education published in Bangalore, India)

**G. FUTURE DEVELOPMENT**

1. The Department is in the process of revising the BA Program. The Curriculum and Examination Committee of the Department analyzed the surveys collected from faculty, students, alumni, cooperating teachers school principals, and potential employers regarding the BA program. In addition, it surveyed Department faculty members about their evaluation practices. We are planning to complete revision of the program during the Academic year 2004-2005.
2. A sub-committee of the Department prepared a proposal for a Teaching Diploma in Early Childhood Education. The Curriculum and Examination Committee asked the sub-committee to present the Committee with a revised proposal which includes learning goals and outcomes. The proposal will be studied by the Committee during the academic year 2004-2005.
3. The Department is planning to revise the format of the Comprehensive examination during the academic year 2004-2005.
4. Efforts to recruitment faculty for the vacant positions in Education was intensified with some success during the academic year 2003-2004. In preparation for recruitment during the academic year 2004-2005, the Department has established its needs and priorities. The Department intends to recruit aggressively for the vacant positions.



5. In an attempt to enrich the research experience of graduate students, the Department plans to organize an annual graduate student research conference. We are planning to hold the first conference during Spring 2005.

S. BouJaoude  
Chair

## Appendix I

### SCIENCE AND MATHEMATICS EDUCATION CENTER

#### A. PERSONNEL

##### Full-Time Faculty

Dr. Tamer Amin	Science Education
Dr. Saouma BouJaoude, Chair, Department of Education	Science Education
Dr. Marjorie Henningsen, Director, SMEC	Math Education
Dr. Murad Jurdak	Math Education

##### SMEC Staff:

Ms. May Abu Shakra	Clerk Stenographer
Mr. Hanna Helou	Lab Attendant
Ms. Dania Dennaoui	Student Librarian (Work study scholarship)
Mr. Hadi Mansour	Student Librarian (Work study scholarship)
Mr. Hani Daouk	Student Librarian (Work study scholarship)

#### B. PROGRAMS AND ACTIVITIES

The following activities took place in SMEC between July 1, 2003 and June 30, 2004:

##### SMEC faculty teaching and service activities:

Please refer to the annual reports of the faculty members presented to the Department of Education.

##### SMEC Faculty Research:

Please refer to the annual reports of SMEC faculty members presented to the Department of Education.

##### Workshops:

Please refer to the annual reports of the SMEC faculty members presented to the Department of Education.

##### Annual SMEC Conference (SMEC VIII):

The Eighth Annual Science and Math Teachers' Conference (SMEC VIII) organized by the Science and Math Education Center at AUB was held on the campus of AUB on May 21 and 22, 2004. The conference was co-chaired by Marj Henningsen and Saouma BouJaoude with Tamer Amin serving as program chair. These AUB faculty worked in conjunction with a local organizing committee consisting of volunteer teachers from 14 schools in Lebanon.

In its eighth year, the Conference attracted approximately 600 participants, out of which 89 were presenters from 14 different countries including Lebanon, Arab countries, USA, and the UK. UNESCO sponsored presenters from Egypt, Sudan, and Yemen. Other presenters were sponsored by the Dean's office and three publishing companies. The overall conference

theme was *Research Into Practice*. The complete program is attached to this report. Supported by funding from UNESCO, a CD-ROM version of the published Proceedings for the previous SMEC conference (SMEC VII) was distributed to conference participants.

For the first time in the history of SMEC, a Research Pre-Conference Session was held on Friday May 21 in West Hall. The purpose of the pre-session was to provide a forum for math and science educational researchers from the region to share their work with one another. Proposals for science education were coordinated by Saouma BouJaoude and proposals for math education were coordinated by Murad Jurdak. Dean Khalil Bitar delivered opening remarks. The mathematics plenary session entitled, *Improving the Quality and Usability of Research in Mathematics Education*, was prepared by Dr. Edward A. Silver, Chair of Education Studies at the University of Michigan and delivered by Dr. Marj Henningsen. The science plenary session entitled, *Mediated Modeling for Meaningful Learning of Science*, was given by Dr. Ibrahim Halloun, Lebanese University. Three concurrent sessions were also held with papers given in English, Arabic, and French. Approximately 100 educators participated in this pre-conference activity and feedback was overwhelmingly positive for continuing this type of activity.

The main conference was held in basically the same format as it has been done in the past. Speakers in the opening ceremony, which was held in West Hall Bathish on Friday May 21, included Dr. Peter Heath, AUB Provost, Dr. Khalil Bitar, Dean of the Faculty of Arts and Sciences, and Dr. Tamer Amin, SMEC VII Program Chair and member of SMEC. The Master of Ceremonies was Dr. Saouma BouJaoude, Conference Co-Chair. Following the opening ceremony, Dr. Ellen Alquist of Saudi ARAMCO schools, who was sponsored by Pearson Education, gave a plenary session entitled *Getting at What is Worth Knowing and Doing in Math and Science* for math and science teachers. Two plenary sessions were also held on Saturday, May 22. The science plenary was given by science textbook author Dr. John Stringer, whose presentation was entitled *Spinners and Springs* was sponsored by Heinemann. The math plenary session, *Fostering Algebraic Reasoning for All Levels*, was given by math textbook author Dr. Ellen Grace sponsored by McGraw-Hill Publishers. All conference participants received a certificate of participation.

Finally, the third annual Publishers Exhibit in conjunction with SMEC was organized by Dr. Marj Henningsen and was held in the West Hall Common Room. The exhibit involved 10 publishers and distributors, all of whom made material contributions in a variety of forms, including raffles for free books for teachers, free bags and mugs, free professional development for schools, a round trip ticket to Dubai, color program advertisements, and sponsorship of session speakers. (Appendix A contains a copy of the conference program).

Note: A survey of teachers and other participants was conducted regarding the dates for the next SMEC conference. There was overwhelmingly positive support for moving the conference to the fall each year. The advantages of this include less conflicts with established AUB events, more time between the two major SMEC-sponsored annual events, and more opportunity for teachers to use what they learn at the conference immediately. Thus we are considering changing the conference into an annual fall event beginning in 2005. This means that there would be no conference in May 2005 as it would be moved to the fall.

**SMEC Library:**

The SMEC library continues to serve as a valuable resource and study center for both pre-service and in-service teachers and for BA and Teaching Diploma students in the department of education. The library is open daily M-F from 8 am - 4 pm and is always attended by SMEC staff members or a student librarian. Due to continued acquisition of updated curriculum materials, this year the library expanded into an annex for housing older books and children's literature for use in teaching elementary math and science, and to provide additional quiet reading space for students.

**Science, Math, and Technology Fair:**

SMEC and the Education Students Society (ESS) organized the Eleventh Annual Science, Mathematics, and Technology Fair, which was held April 16-18, 2004. Twenty-two schools from all regions of Lebanon participated in the Fair. Dr. Tamer Amin, SMEC member and advisor of the ESS coordinated the activities of the Fair with the ESS. More than 50 awards trophies and medals were awarded. Judges in the Fair included AUB faculty members and senior Education students specializing in Math and Science. Each participating child received a certificate of participation as well. (See <http://staff.aub.edu.lb/~websmec> for a copy of the full Fair announcement).

**SMEC Website:**

The SMEC Website (<http://staff.aub.edu.lb/~websmec>) was updated regularly. The Website includes information about SMEC activities, conference proceedings, SMEC Faculty, SMEC Staff, and the SMEC Library. A project has been initiated to begin work on an expanded version the SMEC website into functioning as a comprehensive resource for information about math and science educators working at universities in the Arab world and their work throughout the region.

M. Henningsen  
Director

## DEPARTMENT OF ENGLISH

### A. SUMMARY OF PROGRAMS

#### Literature and Language Programs

The undergraduate programs in English literature and English language continue to attract a fair number of students who join at the sophomore level or transfer to the Department from other academic units or from abroad at the junior level. Furthermore, enrolment in the graduate language and literature programs is increasing steadily; students joining the Department come with undergraduate degrees from AUB or from other universities in Lebanon.

The curricula of the Department have been in place for the last three years, and it is obvious that some changes and modifications need to be introduced. New courses need to be added, some requirements need to be slightly modified (especially for the minors in language and literature), and some courses need to be altered in content or completely eliminated.

The Creative Writing program continues to attract students who are enjoying the variety of courses offered in fiction, drama, poetry, and screenwriting. The program also continues to host a few prominent Arab and foreign writers who have interacted with the students on issues related to the craft of writing.

### B. PERSONNEL

#### 1. Faculty Members

Bayer, Marc	Assistant Professor	Ph.D.
Choueiri, Lina	Assistant Professor	Ph.D.
Diab, Rula	Assistant Professor	Ph.D.
Harb, Sirene	Assistant Professor	Ph.D.
Hout, Syrine	Associate Professor	Ph.D.
Iwen, Jason	Assistant Professor	Ph.D.
Khalaf, Roseanne	Assistant Professor	Ph.D.
Long, Andrew	Assistant Professor	Ph.D.
Myers, Robert	Visiting Associate Professor	Ph.D.
Nassar, Christopher-Suheil	Senior Lecturer	Ph.D.
Shaaban, Kassem <sup>(Chair)</sup>	Professor	Ph.D.
Al-Asaad, Maha	Lecturer	Ph.D.
Al-Awar, Nada (part-time, Fall/Spring)	Instructor	M.A.
Araj, Suad	Instructor	M.A.
Baalbaki, Rula	Instructor	M.A.

Deeb, Rima	Instructor	M.A.
El-Den, Najwa	Instructor	M.A.
Fadda, Nada	Instructor	M.A.
Hamdar, Abir	Instructor	M.A.
Hanna, Rima (part-time, Fall)	Assistant Instructor	B.A.
Harajli, Suhair	Instructor	M.A.
Harakeh, Rima	Assistant Instructor	B.A.
Iskandarani, Rima	Instructor	M.A.
Jamous, Rima	Instructor	M.A.
Karkanawi, Lina	Instructor	M.A.
Kassamani, Dima	Assistant Instructor	B.A.
Khoury, Lorraine	Assistant Instructor	B.A.
Khoury, Malakeh	Instructor	M.A.
Khoury-Shalhoub, Nina (Com. Skills Coordinator)	Instructor	M.A.
Kodeih, Rabab	Instructor	M.A.
Lakkis, Khadijeh	Instructor	M.A.
Maktabi, Sawsan	Instructor	M.A.
Mikati, May	Instructor	M.A.
Moussa, Najwa (part-time, Fall)	Instructor	M.A.
Najjar, Jasmine (part-time, Fall)	Instructor	M.A.
Peltekian, Katia	Instructor	M.A.
Rashash-Shaabani, Reem (UPP Director)	Instructor	M.A.
Saadi, Reem	Instructor	M.A.
Safieddine, Suha	Instructor	Ph.D.
Shadid, Rima	Instructor	M.A.
Shalak, Maha (part-time, Fall)	Instructor	M.A.
Shayto-Shmaysani, Haifa	Instructor	M.A.
Sinno, Zane	Instructor	M.A.
Zreik, Hassan	Instructor	M.A.

## **2. Graduate Assistants**

### **1<sup>st</sup> Semester**

Atme, Reine	B.A.
Baghdadi, Alexis	B.A.
Bou-Ayyash, Nancy	B.A.
Bourji, Amy	B.A.
Chahine, Nisreen	B.A.
Fakhreddine, Hoda	B.A.
Hadid, Darine	B.A.
Haidar, Rana	B.A.
Hashem Bek, Zeina	B.A.
Haykal, Mirna	B.A.
Keedi, Rebecca	B.A.
Kisserwani, Maya	B.A.
Mahfouz, Julia	B.A.

Shaaban, Dana	B.A.
Zaweel, Yara	B.A.

**2<sup>nd</sup> Semester**

Bou-Ayyash, Nancy	B.A.
Chahine, Nisreen	B.A.
Fakhreddine, Hoda	B.A.
Haidar, Rana	B.A.
Hashem Bek, Zeina	B.A.
Haykal, Mirna	B.A.
Keedi, Rebecca	B.A.
Kisserwani, Maya	B.A.
Mahfouz, Julia	B.A.
Shaaban, Dana	B.A.
Sharara, Sahar	B.A.
Reda, Rasha	B.A.
Zaweel, Yara	B.A.

**3. Non-Academic Staff**

Ayyash, Samar	Clerk Stenographer
Nseir, Nidal	Secretary
Tohme, Joseph	Lab Technician

**C. TEACHING**

<b>1. <u>Number of Graduating Majors</u></b>	<u>1<sup>st</sup> Semester</u>	<u>2<sup>nd</sup> Semester</u>
B.A. Literature Majors	6	4
B.A. Language Majors	4	3
M.A. candidates	0	6
<b>2. <u>Number of Majors (Language)</u></b>	<u>1<sup>st</sup> Semester</u>	<u>2<sup>nd</sup> Semester</u>
Graduates	18	18
Seniors	9	8
Juniors	4	7
Sophomores	6	4
<b>3. <u>Number of Majors (Literature)</u></b>	<u>1<sup>st</sup> Semester</u>	<u>2<sup>nd</sup> Semester</u>
Graduates	20	22
Seniors	11	10
Juniors	8	14
Sophomores	8	5

#### **4. Student Enrollment in Courses**

	<u>Summer</u>	<u>1<sup>st</sup> Semester</u>	<u>2<sup>nd</sup> Semester</u>	<u>Total</u>
Courses numbered 300 and above	2	51	65	118
Courses numbered 211 to 299	28	348	399	775
Courses numbered 200-208	237	1761	1487	3485
Courses numbered below 200	10	404	143	557

#### **5. Number of Credit Hours Offered**

	<u>Summer</u>	<u>1<sup>st</sup> Semester</u>	<u>2<sup>nd</sup> Semester</u>	<u>Total</u>
Courses numbered 300 and above	0	15	21	36
Courses numbered 211 to 299	6	54	66	126
Courses numbered 200 to 208	48	228	216	492
Courses numbered below 200	3	97	52	152

### **D. RESEARCH**

#### **Diab, Rula**

1. "University students' beliefs about learning English and French in Lebanon." (Research completed; article submitted for publication.)
2. "Teacher and student beliefs about responding to ESL writing: A case study." (Research completed; article submitted for publication.)
3. "Lebanese EFL university students' attitudes towards feedback to writing." (Research completed; paper being written.)
4. "Error correction and feedback techniques in the EFL writing classroom: A comparison of students' and instructors' preferences." (Research completed; paper being written.)
5. "Foreign language learning and struggles for national identity in Lebanon." (Research in progress.)

#### **Choueiri, Lina**

1. The Syntax of Arabic. Working in collaboration with Joseph Aoun and Elabbas Benmamoun on a descriptive comparative grammar of Arabic dialects, for Cambridge University Press.

#### **Hamdar, Abir**

1. Our Feminine Memory. A book that will narrate the personal lives and achievements of prominent women in Lebanon from the late nineteenth-century onwards. The book will focus on women artists, writers, politicians, activists and physicians. It will also draw on family archives and interviews to paint an intimate portrait of them. (The book is sponsored by the Institute of Women's



Studies in the Arab World of the Lebanese American University and is in its writing stage. (Co-authored with Maysa El-Hage and Josiane Maalouf.)

### **Harb, Sirene**

1. Article: "Hybrid Constructs and Cultural Formations: Toni Morrison and *Beloved*," under review at *African American Review*.
2. Personal and Cultural Histories in *Corregidora* and *Beloved*
3. Cultural Memory and Identity in Arab-American Writing
4. Rewriting American History: Maxine Hong Kingston's *The Woman Warrior*

### **Hout, Syrine**

1. "Memory, Home, and Exile in Contemporary Anglophone Lebanese Fiction." Paper submitted for publication.
2. A comparison of the effects of war and exile on female versus male characters in writing by Patricia Sarrafian Ward, Abbas el-Zein, and Jad el-Hage. Initial exploratory stage.

### **Iwen, Jason**

1. "Two Way Walkie- Talkie" and "No Big Deal Out of Death" in *Onthebus*, forthcoming.
2. "Despair," "Psalm," and "Poem 47 of the Book of Sanaa" from Arabic, with Huda Fakhreddine, forthcoming in *Marlboro Review*, no.16.
3. "In the Room of a Lovely Woman" and "How Long this Day of Mine" from Arabic, with Huda Fakhreddine, forthcoming in *Marlboro Review*, no.17.
4. "Crossings," and "A Window of Summer" from Arabic, with Huda Fakhreddine, forthcoming in *The Cream City Review*, vol.28, no.1 (2004).
5. "Use" in *Emergency Almanac*, online (experimental nonfiction).
6. *Emergency Investigations* (experimental nonfiction: ¾ complete).
7. *The Momentary Jokebook* (experimental nonfiction: ½ complete).

### **Long, Andrew**

1. "Pamphlets and pamphleteering" Discusses the formal and political relationship between pamphleteering and the modern novel as per the original grant proposal.
2. "Street Arabs and the American Ghetto"

### **Myers, Robert**

1. Research for stage play on Bruno Bettelheim for Pegasus Players Theatre, Chicago (initial exploratory)
2. Research for stage play about assisted suicide and Jack Kevorkian for Pegasus Players Theatre, Chicago. University Research Grant applied for (initial exploratory)

3. Research for stage play based in part on Among the Druzes of Lebanon and Bashan, by J.T. Parfit (initial exploratory)
4. A radio version of a stage play The Lynching of Leo Frank to be produced by LA Theatrework.

### **Shaaban, Kassem**

1. Moral Education in the EFL Classroom. Paper submitted for publication.
2. Strategies of Reading English Texts by University Students in Lebanon. Data collected. Paper at the analysis stage. With Dr. Ghazi Ghaith.
3. Implications of English as a Global Language for teaching English in EFL Contexts. Data collection stage.

## **E. OTHER STAFF ACTIVITIES**

### **Araj, Suad**

1. Attended and presented a paper entitled, “Why or Why not,” at the 38<sup>th</sup> AITEFL Conference in Liverpool, England.
2. Member, Middle East Medical Assembly, Social Committee
3. Attended a seminar on “The Power of PBL” at AUB

### **Baalbaki, Rula**

1. Faculty Adviser for the AUB Book Club
2. Faculty Adviser for the AUB Animal Welfare Club
3. Translated: “Sufism and Surrealism” by Adonis (Arabic to English) currently; “It’s Raining Bags!” by Ussama Bardaweel (Arabic to English) April 2004; “Pre-school Science curriculum for International College (English into Arabic) October 2003; Short Story by Ussama Bardaweel (English into Arabic) November 2003.
4. Currently coordinating the English Department’s project for teaching the AUB employees.

### **Choueiri, Lina**

1. Reviewer for the Journal of Linguistics.
2. Author of three lemmas for the section entitled *Syntactic Notions*, in the Encyclopedia of Arabic Language and Linguistics.

### **Diab, Rula**

1. Member, FAS Administrative Committee.
2. Member, English Language and Literature Curriculum Committee.

3. Member and Secretary, CELRT faculty—Participated in CELRT Curriculum Development (Development of Dhofar Private University B.A. Degree Programs in English Language and Translation).
4. Member, FAS Ad Hoc Advising Sub-Committee.
5. Thesis Adviser and member of thesis committees (three in Language and one in TEFL).
6. Adviser for English language undergraduate students

### **Harb, Sirene**

1. M.A. thesis committees, American University of Beirut: Reine Atme, director of thesis, in progress; Nayiri Baboudjian, member of the thesis committee, completed 2003; Heather McCaw, member of the thesis committee, completed 2003; Maisaa Koleilat, member of the thesis committee, in progress; Roula Salam, member of the thesis committee, completed 2004.
2. Faculty member, the Center for American Studies and Research, American University of Beirut.
3. Faculty member, the Curriculum Committee, English Department, American University of Beirut.
4. Library Liaison Officer, English Department, American University of Beirut.
5. Faculty Secretary, Faculty of Arts and Sciences, American University of Beirut.
6. Library Liaison Officer, Faculty of Arts and Sciences, American University of Beirut.
7. “*Metissage* and Historical Reclamation in *Corregidora*,” Global Ethnic Networks—Old and New: American Ethnic Literatures in a Global Context. American Comparative Literature Association Conference 2004. Ann Arbor, Michigan, April 2004.
8. American Studies Regional Conference (ASRC): Developing American Studies at Arab Universities: Resources, Research and Outreach. Cairo, Egypt, January 2004.

### **Hout, Syrine**

#### **AT AUB:**

1. Advisor for Undergraduate English Major Students
2. Coordinator of the English Literature Program
3. Member of the Graduate Committee
4. Referee for the journal *Utopian Studies*

#### **ABROAD:**

1. “Lebanon Revisited: Memory, Self, and Other in Rabih Alameddine’s *The Perv*.” 32<sup>nd</sup> Annual Twentieth Century Literature Conference, University of Louisville, Louisville, Kentucky, Feb. 2004. (Funded by University Research Board, AUB.)
2. “Memory, Home, and Exile in Contemporary Anglophone Lebanese Fiction.” Conference on the “Sociology of the Lebanese Civil War Novel.” The Anis Khoury Makdisi Program in Literature, May 2004.

3. CVSP 202 General Lecture: “Machiavelli: The Prince of Practical Politics.” May 2004.

### **Iskandarani, Reema**

1. Course Director of Academic English, English 203
2. Team member on the English Language Committee for the Kingdom Schools Project; REP, AUB— The work involves program design and development, teacher training, overseeing placement exams, curriculum development, textbook recommendations, and overall program management and quality control of the English Language Program at the Kingdom Schools in Riyadh.
3. Team member on the English language committee for the Kuwait Project, REP, AUB. The work involves generating exams, assessing performance, and placing students into different levels based on their overall proficiency in the English language.

### **Iwen, Jason**

1. Freshman Advisor, 2003-present.
2. English Curriculum Reform Committee, 2003-present.
3. English Graduate Comprehensive Examination Committee, 2002-present.
4. Advisor of *Anima*, AUB’s student literary journal, 2002-present.
5. Contributing Editor for Emergency Press, 2002-present.
6. Presented a paper entitled, “Quantity Not Quality: Revision as a Method of Evaluation in the Creative Writing Workshop,” at the Associated Writing Programs Conference, Chicago, 2004.
7. Poetry reading from *Emergency Investigations*, KM Art Gallery, Milwaukee, Spring 2004.
8. Poetry reading from *74* (a.k.a. *American Zajal*), Rain Dog Books & Café, Chicago, Spring 2004.

### **Khalaf, Roseanne**

1. Presented a paper on “Multilingualism and Multiculturalism in two Lebanese Universities,” at the Third International Conference on *Trilingualism and Third Language Acquisition*, Tralee, Ireland. 2003
2. Presented a paper on “Breaking the Silence: What AUB Students Really Think About Sex,” at a conference on *Sexuality in the Arab World: The Historical, Literary, and Socio-Psychological Dimensions*, sponsored by The Center for Behavioral Research (AUB) and the Middle East Center (St. Anthony’s College, Oxford).
3. Member of Thesis Committee. Thesis entitled, *Fat Women Never Disappear: Overeating and Gaining Weight as Tools of Rebellion and Dieting as a Form of Conformity in Fay Weldon’s The Fat Woman’s Joke and Margaret Atwood’s Lady Oracle*, submitted by Nayiri Serop Baboudjian (AUB), 2003.
4. Creative Writing (English 236) coordinator

5. Organizing a lecture series in which professional writers, publishers, editors, journalists and critics are invited to share their ideas and experiences with students.

### **Khoury, Malakeh**

1. Presented a poster presentation on “Messages in Teacher Feedback to Student Writing.” *TESOL 38<sup>th</sup> Annual Convention*, Long Beach, CA, USA. (March 30-April 2004).
2. Attended several sessions on current TESOL issues, especially on assessment
3. Joined TESOL, Inc.
4. Subscribed to TESOL Quarterly
5. Presented a paper on “The Teaching of Culture: Large vs. Small Culture Views.” *The Second ‘Language and Change’ Regional English Conference- Lebanon*, Lebanese American University (December 6-7, 2003). Paper to be published in proceedings.
6. Participated in a workshop on grant proposal writing, AUB (May 2004)
7. Participated in a workshop on problem based learning, AUB (April 2004)
8. Participated in a seminar on “Learning Outcomes Assessment at Course and Program Levels,” AUB.

### **Khoury-Shalhoub, Nina**

1. Program Coordinator, Communication Skills Program, English Department, 2003-2004.

### **Lakkis, Khadijeh**

1. Organizing and coordinating the sixth and seventh orientation seminar to AUB new faculty of Fall and Spring 2003-04.
2. Organizing the first international dinner on April 30<sup>th</sup>, 2004.
3. Presented a poster presentation on “AUB: The bridge between The East and West,” UNESCO conference on Multiculturalism in Jyväskylä, Finland. June 2003

### **Long, Andrew**

1. “The Write Fight: Literature and Violence”, Panel moderator at the Violence in the Middle East Conference. LAU May 26-28, 2004.
2. “Orwell’s Double: The pamphlet, the pamphleteer, and George Orwell’s writing” Anis Makdissi Program in Literature Lecture Series (March 24, 2004), American University of Beirut. [Also presented at LAU, May 5<sup>th</sup>, 2004]
3. “Enjoy yourself or, Marxism, Modernism and the subjectivity of Neo-liberalism.” 2003 Modernism Studies Association conference, Birmingham University, UK.
4. Steering Committee Member, the AUB Center for American Studies and Research
5. Board Member, Anis Makdissi Program in Literature, AUB

6. Adviser for AUB English majors and graduate students
7. MA Thesis adviser for two AUB graduate students: Samar Barakat and Zeina Hashem Beck
8. MA Reader for three AUB graduate students: Rania Turk, Huda Fakhreddine, Rula Salam
9. Member AUB English Department Curriculum Committee

**Maktabi, Sawsan**

1. Advisor, AUB Book Club

**Mikati, May**

1. Presented a paper on “The pros and cons of e-mail” at the IATEFL conference in Liverpool, UK (April 13-17, 2004)
2. Coordinated English 204 (Advanced Academic English)
3. Contributed questions for the AUB English Entrance Examination
4. Participated in a Seminar on “Developing Program and Course Learning Outcomes” (AUB, December 2003)
5. Attended several computer workshops at AUB

**Myers, Robert**

1. Conducted two two-hour drama/playwriting workshops in Bathish Auditorium, West Hall for all four sections of “Introduction to Creative Writing” (English 236), April 2004.
2. Developed, proposed and began organization of “Now and Again,” a reading series of ten contemporary, Jacobean and Elizabethan plays in Bathish Auditorium during 2004-5 year, with Marc Bayer.
3. Developed and taught a new elective course in Civilization Sequence, “Drama in a Cross-Cultural Context” (Course # 295-DR)
4. Received invitation to give Civilization Sequence lecture in Fall 2004 on Mary Shelley’s Frankenstein.

**Shaaban, Kassem**

1. Member, TESOL Board Sociopolitical Concerns Committee.
2. Chairperson, Board of Graduate Studies.
3. Chair, English Department.
4. Director, CELRT.
5. Member, Editorial Board, *Asian Journal of English Language Teaching*.
6. Associate Editor, *Al-Abhath*.
7. Chairman, English Language Committee, Kingdom Schools Project.
8. Acting Chairman of the Arts and Sciences Student Affairs Committee.
9. Member, Arts and Sciences Graduate Committee.
10. Member, University Senate.
11. Chairman, English Department Committee, University of Dhofar.

12. Taught two new courses, Engl. 233, Introduction to Translation, and Engl. 326.
13. Advanced Translation Theory and practice.
14. Conducted Workshops for Oman, Saudi Arabia and Lebanon.
15. Designed programs for Oman and Kuwait.

### **Shaaban, Reem**

1. Member of Editorial Board Tapestry Middle East, Heinle & Heinle.
2. Secretary, Parents Committee, American Community School (ACS).
3. Member, Steering Committee for Accreditation, ACS.
4. Attended The Power of PBL Workshop, AUB.
5. Attended the Algonkian Novel Workshop, Virginia, Washington D.C., Sept. 2003
6. Took an online course The AA of Fiction I- the short story.
7. Currently taking an online course The Art of Fiction II- The Short Story.
8. Director and Advisor, University Preparatory Program, AUB.
9. Worked on Placement Examination for REP Project in Kuwait.
10. Taped listening component of English Entrance Examination (EEE), AUB.
11. Advisor, Red Cross Club, AUB.
12. Advisor, Gulf Club, AUB.

### **Zreik, Hasan**

1. Attended a workshop on “Learning Outcomes Assessment at Course and Program Level” American University of Beirut. March 26, 2004.
2. Attended “Problem-Based Learning Seminar.” American University of Beirut. April 22, 2004.
3. Attended “ATEL 7<sup>th</sup> Annual ELT Conference: Inputs in English Language Teaching Today.” UNESCO Palace, Beirut. May 15, 2004.

## **F. PUBLICATIONS**

### **Diab, Rula**

1. Diab, Rula L. (2004). **Cultural and situational influence on EFL students’ beliefs about language learning.** *Texas Papers in Foreign Language Education*, 8:1 (115-138)

### **Hamdar, Abir**

1. “Exile, Home and Identity: Constructing Alternative Spaces in *The Homeland* by Hamida Na’na.” *Crisis and Memory: The Representation of Space in Modern Levantine Narrative*. Ed. Ken Seigneurie. Wiesbaden: Reichert, 2003.

### **Hout, Syrine**

1. "Going the Extra Mile: Redefining Identity, Home, and Family in Hanada al-Shaykh's *Only in London*." *Studies in the Humanities* 30. 1-2 (June/Dec. 2003): 29-45.
2. "Hajj." *The Literature of Travel and Exploration: An Encyclopedia*, ed. Jennifer Speake. London: Fitzroy Dearborn, 2003. 533-35.

### **Iwen, Jason**

1. "86," "88," and "89" in *Reed Magazine*, vol. 57 (2004): 48-50.
2. "Orange" in *Fence*, Fall/Winter (2003/2004): 86.
3. "2," "4," and "5" in *Third Coast*, Fall (2003): 49-51.
4. "Horse-hair Worms" and "Property Tax" in *Reed Magazine*, vol. 56 (2003): 57-60.
5. "A Score for Undetermined Movements: Talking with Paul Hoover" with Chad Faries, reprinted in *Fables of Representation*, University of Michigan Press (2004): 145-162 (originally appeared in *The Cream City Review*, vol. 25 (2001): 145-162).
6. "Checkpoint Economy: in *Emergency Almanac*, online.

### **Khalaf, Roseanne**

1. *Transit Beirut: New Writing and Images*, co-editor (London: Saqi Books), 2003.
2. *Cleo, The Hotel Cat* (Beirut: Dar An Nahar), 2004.
3. "Living Between Worlds," in Halasa, M. and R. Khalaf (Eds.), *Transit Beirut: New Writings and Images* (pp. 58-67) London: Saqi Books. 2003.

### **Lakkis, Khadijeh**

1. "A study on Multiculturalism at the American University of Beirut." In proceedings of the UNESCO conference in Jyvaskyla, Finland. June 2003

### **Long, Andrew**

1. "Exile on Bliss Street: A "Terrorist" Threat Leads an English Literature Professor to Reassess his Profession and Exile". *Counterpunch* [online and print newsletter of culture and politics edited by Alexander Cockburn]. August 23<sup>rd</sup>, 2003.

### **Mikati, May**

1. Mikati, M. (2004, June) The pros and cons of e-mail. *The Call Review*, 15-17.
2. Mikati, M. (2004) The digital spectrum in English language teaching. In A. Pulverness (Ed.) *IATEFL 2003 Brighton Conference Selections* (pp. 48-50) UK: IATEFL
3. Mikati, M. (2003, November) The digital spectrum in English language teaching. *IATEFL Global Issues Special Interest Group Newsletter*, 32-35.



**Myers, Robert**

1. Fixin' to Die. (Play Atwater) produced and published by LA Theatreworks.

**Shaaban, Kassim**

1. Shaaban, K. (In Press). English Language Teaching in Lebanon: Challenges of the Future. In G. Braine (Ed.). Teaching English to the World. Lawrence Erlbaum.

**G. FUTURE DEVELOPMENT**

The Department is witnessing some stability in terms of the faculty on board where most of the lines have been filled. Next year, we will be joined by a writing specialist who will, in addition to her duties in the Department, head the Writing Center, whose establishment the Department has proposed and the University has approved. We believe that we still need one more line for creative writing to teach fiction and another line in computer-assisted language learning.

Regarding academic programs, the Department is pursuing its plans to offer a minor in Creative Writing. Furthermore, we are planning to approach the Arabic Department to discuss the possibility of offering a joint degree in translation to expand on the joint minor that is now being offered.

Regarding the Communication Skills program, plans are in place to initiate a program of professional development for the instructors. The funds for such a program have already been allocated. The program could take the form of extended visits by scholars from the US, exchange programs with US institutions, or sending people to conferences.

K. Shaaban  
Chair

## **APPENDIX A**

### **COMMUNICATION SKILLS PROGRAM**

The Communication Skills Program continues to provide training in communication, both oral and written, with emphasis on the reading, writing and research skills required of university students. The proposed changes, prepared by the Communication Skills Ad-hoc Curriculum Committee last year, regarding the course syllabi, textbooks, and evaluation of students were implemented in the program during this academic year with success. Finally, the establishment of a writing center at AUB would improve students' academic performance.

N. Khoury  
Coordinator

## **APPENDIX B**

### **THE INTENSIVE ENGLISH COURSE (ENGLISH 100)**

#### **A. SUMMARY OF PROGRAMS**

English 100 is an integrated course that develops students' linguistic and communicative competence with special emphasis on developing specific skills through reinforcement sessions. In these sessions, students work on an individual basis or collaborate with others on authentic task-based assignments. The course is designed along two tracks: A & B. In 100A, students meet 15 hours a week, whereas in 100B, students meet for 10 hours a week and while the two tracks differ in pace, the overall course objectives and the promotion criteria remain the same for both tracks.

The Intensive English Course seems to have reached a steady stage where it is meeting expectations and feeding the regular courses, mainly English 102 and, to a lesser extent, English 203. The modifications suggested by The Ad-hoc Curriculum Committee regarding course objectives, overall course structure, course regulations, assessment and evaluation, promotion criteria, and the syllabus have been fully implemented.

H. Sha'yto  
Coordinator

## APPENDIX C

### UNIVERSITY PREPARATORY PROGRAM

#### A. SUMMARY OF PROGRAMS

The University Preparatory Program (UPP), which is in its second year of operation, aims at providing university-bound students with the necessary English skills required for admission to AUB. In addition to the 25 hrs/wk of classes and computer lab hours, most students are taking SAT Preparation electives in Verbal and Quantitative Reasoning. Syllabi have been developed for two sections: low intermediate and intermediate in addition to two electives: SAT Verbal and SAT Quantitative Reasoning. However, due to low enrollment, students were placed in one section. Students' abilities were taken into consideration and changes in scope, methodology, and classroom management have been implemented in order to accommodate the needs of each and every student. Fortunately, these measures have proved effective as witnessed by the fact that we have been able to do in one semester what we originally thought would take two semesters. The majority of the students are managing to get the SAT and TOEFL scores that allow them to join AUB or LAU in the span of one semester only.

#### B. TEACHING

**Student enrollment and breakdown is as follows:**

<b>First Semester</b>	<b>12 students</b>
Kuwait	2
Lebanon	1
Saudi Arabia	5
Syria	4
<b>Second Semester</b>	<b>9 students</b>
Kuwait	2
Saudi Arabia	4
Syria	3

#### C. FUTURE DEVELOPMENT

We believe that this is a successful program that AUB has to strengthen and expand through aggressive recruitment. The type of students it caters too are found all over the Arab World; getting such students will help add to the regional flavor of AUB.

R. Shaaban  
Director

## DEPARTMENT OF GEOLOGY

### **A. SUMMARY OF PROGRAMS**

Due to continuous efforts on re-structuring and improving the courses offered for the geology and petroleum studies majors, as well as the elective geology courses, most of our course offerings have been revitalized and significantly up-graded. For example, during the current academic year, the freshman geology course on marine geology, and the sedimentology and stratigraphy courses, have all been significantly improved. At the graduate level, we have re-introduced high-level courses in advanced petroleum geology, in oceanography, and in advanced sedimentology and diagenesis. Many of the geology courses have also been designed for power point presentations. The enrollment in our introductory elective courses (sophomore-level and above) is steadily increasing, and the 100-level freshman geology courses continue to attract a large number of students. Most notably is the relative increase in the student intake in Geology and Petroleum Studies.

Although the Department is understaffed, our efforts on the re-distribution of teaching loads of some faculty members, and the hiring of some strategic part-time faculty have enabled us to keep functioning very well and to further improve our course offerings. The area of Seismology (Geophysics) is indeed a very significant area due to its implications for earthquakes, subsurface geological structures, petroleum geology, etc. The successful recruitment of a Seismologist will certainly strengthen our course offerings both in Geophysics and in Structural Geology. This will also allow for conducting research in seismology and for training and supervising graduate students in the field.

The welcome addition of a very enthusiastic and a well-trained carbonate sedimentologist to our geology Faculty members has had a significant impact in this important area of geological sciences. Dr. Nader (who replaced Dr. Fard) is also applying the various sedimentological techniques to certain aspects of research in petroleum geology. His contribution to sedimentological research and to the graduate program will strengthen this branch of geology in our department. The establishment of a fluid-inclusion laboratory (which has already been requested as the main item of the Geology Departmental budget) will strengthen research in this vital area of sedimentology. We are also in the process of upgrading the chemistry-preparation laboratory.

As geological science courses have recently been added to the school curricula, there has been a significant increase in the number of schools and school students visiting our Geological Science Museum. Hundreds of school students, who come from various schools within the greater Beirut area and the surroundings, do benefit from museum science tours of the various components of the Geology Museum. Geology instructors use the Museum to illustrate the various aspects of the geological sciences that are covered in some freshmen-level, as well as major courses.

## **B. PERSONNEL**

### **1. Academic**

Abdel-Rahman, Abdel-Fattah	Ph.D.	Professor (Chairperson)
Nader, Fadi	Ph.D.	Assistant Professor
Khair, Kamal	Ph.D.	Lecturer
Haidar, Ali	Ph.D.	Lecturer
Khadra, Wisam	M.S	Instructor (PT)
Khayat, Ziad	M.S	Instructor (PT)
Nassar, Philip	M.S.	Instructor (PT)
Oueida, Raghida	M.S.	Instructor (PT)

### **2. Non-Academic**

Ijreiss, Maroun	Senior Technician
Abdel Sater, Huda	Secretary

### **3. Graduate Assistants**

<u>Fall</u>	<u>Spring</u>
Malhame, Pirre	Malhame, Pirre
Kassouf, Hassane	

## **C. TEACHING**

### **1. Number of Graduating Majors**

Graduating B.S. Geology majors	2
Graduating B.S. Petroleum Studies majors	2
Graduating M.S. (Geology)	0
<b><u>Total number of graduating majors</u></b>	<b><u>4</u></b>

### **2. Number of Geology Majors**

<b><u>Majors enrolled at graduate level</u></b>	<b><u>5</u></b>
Geol. & Petrl. Stds. Majors enrolled at senior level	7
Geol. & Petrl. Stds. Majors enrolled at junior level	9
Geol. & Petrl. Stds. Majors enrolled at sophomore level	10
<b><u>Total number of undergraduate majors</u></b>	<b><u>31</u></b>

### **3. Student Enrollment in courses**

<u>Summer 2003</u>	<u>SEM 1</u>	<u>SEM 2</u>	<u>Total</u>			
Courses numbered 300 & above	0		8	8		16
Courses numbered 211-299	5		41	40		86
Courses numbered 200-210	21		76	79		176
Courses numbered below 200	7		177	237		421
Total	33		302	364		699

### **4. Number of credit hours offered**

<u>Summer 2003</u>	<u>SEM 1</u>	<u>SEM 2</u>	<u>Total</u>			
Courses numbered 300 & above	0		18	15		33
Courses numbered 211-299	6		15	15		36
Courses numbered 200-210	6		10	13		29
Courses numbered below 200	3		18	18		39
Total	15		61	61		137

## **D. RESEARCH**

### **Abdel-Rahman, Abdel-Fattah**

1. Abdel-Rahman A.M. (with Nader, F. & Haidar, A.), Completed a study on the chemical and sedimentological characterization of the Sannine Formation, exposed in central Lebanon. The diagenetic processes involved and the various environments of deposition were determined, in the context of sea-level fluctuations and tectonic regimes prevailed during the Upper Cretaceous. One paper has been submitted for publication, and is currently under review (Work was partially funded by URB).
2. Abdel-Rahman A.M., & Nassar P., Completed a study on the petrogenesis of the Cenozoic basaltic volcanism in northern Lebanon. In this study, the chemical characteristics of the lava flows, rare-earth and isotope geochemistry enabled us to determine the exact nature of the mantle source, the process of magma generation, and the petrogenetic evolution of the lavas. One paper is in press in the Geological Magazine (Work was funded by URB).
3. Abdel-Rahman A.M., Completed a research project on the petrogenetic evolution, chemical/mineralogical characterization and age of Mounts Abu-Kharif and El-Dob alkaline granitic complexes of Eastern Egypt. These complexes seem to have developed during a phase of crustal relaxation and extensional tectonics. The age obtained (523 Ma) indicates the time of termination of the Pan-African orogenic cycle, and the initiation of the extensional tectonic regime. The data showed that the magma was generated by a high degree of partial melting of a metasomatised granitic crust. Work on this project is in its final stages before submission for publication. (Work was funded by URB).

4. Abdel-Rahman A.M. & Kallas L., Continued to study the geochemistry, isotopic evolution, and petrogenesis of the Pliocene alkali basalts of southern Lebanon. Mantle source materials, depth of melt segregation, and the mantle plume – volcanism connection, as well as relationship between volcanic eruptions and tensional forces along transform faults are currently being investigated. Work is in progress.
5. Abdel-Rahman A.M., Working on a study on the mineralogy, geochemistry and petrogenetic evolution of Mount Noslah A-type granitic complex of central Eastern Egypt. The relationship between magma generation and regional tectonic settings, the nature of the source material of the granitic magma, and the fractionation processes involved during magma evolution are currently being investigated. Work is in progress.

### **Haidar, Ali**

1. Haidar, A.T. & Hawi, J., Continued to work on calcareous nannofossil biostratigraphy of the Paleocene-Eocene succession of the Chekka Marls (N. Lebanon). The Chekka Formation (chalky-marly) is found in the low-lying region of the Lebanese coastal areas, the South Lebanon plateau, and the Bekaa. Its total thickness ranges from 100 to 500m in the Chekka area. The Chekka Formation is indicated on the most up-to-date geological maps as “Senonian? to Eocene”, with a broad age range (up to 50 million years). This research is a biostratigraphic study using calcareous nannofossils on the Ech-Chaqaa section. Work has been completed on this study and the results show that the age of this stratigraphic succession is Late Paleocene to Early Eocene, with the Paleocene – Eocene boundary indicated in the field. Lithologically, the harder carbonate beds increase their frequency of occurrence after the Paleocene – Eocene boundary. Finally, the sedimentation rate near the Paleocene – Eocene boundary appears to be similar to that reported for the present day oceans.

### **Khair, Kamal**

1. Working on the tectonic and environmental hazard mapping in Lebanon and Western Syria using remote sensing and digital elevation data. This is a collaborative research activity with scientists at the National Council for Scientific Research (Lebanon), Cornell University (USA), and Damascus University (Syria). A further extension of this research activity has been launched with the installation and taking measurements on about a dozen of GPS stations to observe the relative movement of tectonic blocks in Lebanon. A paper reflecting the latest results of interpretation has been submitted for publication.
2. Continued working on the project entitled "The study of kinematics and tectonic setting of Hasbaya fault". A special emphasis is given to delineate the basaltic flows along the fracture zone of this fault and to check the activity status of the fault through the examination of structures, lithologies and stratigraphic sequence in the fault zone. The application of the high-resolution satellite images (IKONOS) obtained for the study area contributes significantly to solve many problems.



### **Nader, Fadi Henri**

1. Nader, F.H., Swennen, R. & Gleeson, S., Working on “Dolomitization of the Jurassic Kesrouane Formation (central-northern Lebanon)”. This research is based on sedimentological and diagenetic studies of Jurassic carbonates in Lebanon. It discusses the dolomitization fluid flow and fluid-mixing mechanism through microthermometry (analyses of fluid inclusions in crystals) and crush-leach analyses – i.e. the determination of the original dolomitizing fluids. The practical implications of this research are associated with petroleum reservoir studies and ore-deposits. Work in progress.
2. Nader, F. & Swennen, R., Working on “Diagenesis and porosity evolution of Mesozoic dolostones in Mount Lebanon: implications on future petroleum prospects”. This research involves porosity/permeability and diagenesis studies of a well-preserved dolomite build-up in the vicinity of Marjaba town in central Lebanon. Results of this study will help in understanding the porosity/permeability development during dolomitization. This research is funded by URB (to Fadi Nader), and partially funded by the Katholieke Univeriteit Leuven (to Rudy Swennen). Work in progress.
3. Nader, F. & Doummar, J., Working on “Sedimentology and diagenesis of Albian-Cenomanian carbonate rocks in Mount Lebanon”. The Albian-Cenomanian stratigraphic transition consists of a dolomite succession in Mount Lebanon. The aim of this study is to introduce a model of dolomitization for the corresponding rocks and to reveal substantial data related to the environment of deposition and subsequent diagenetic evolution of these dolomites. Work in progress.
4. Nader, F., Swennen, R., & Littke, R., Working on "Petrographic and Geochemical characterization of naturally occurring hydrocarbons in Lebanon: Implications for future petroleum exploration". This research involves the modern petrographic and geochemical studies of the asphaltites in Hasbaya region (southern Bekaa), in order to infer data related to their original sourcing and subsequent migration (rock sampling is planned for June 2004). Work in progress.

### **E. OTHER STAFF ACTIVITIES**

#### **Abdel-Rahman, Abdel-Fattah**

1. Member of the FAS Advisory Committee.
2. Member of the FAS Academic Development Committee.
3. Member of the Central Science Research Laboratory Committee.
4. Member of the AUB Natural History Museum Committee.
5. Chairperson of the Department of Geology.
6. Academic advisor; Geology and Petroleum Studies majors (sophomores, juniors, and seniors), and geology Graduate students.
7. Advisor of the Geology Student Society (GSS).
8. Advisor of the AUB Egyptian Cultural Club.
9. Supervising a Geology graduate student.

10. Member of the thesis committee of a Chemistry graduate student.
11. External Examiner of a Ph.D. Thesis at the Katholieke University, Leuven, Belgium.
12. Presented two papers at the Canadian International Geological Conference (May 28-June 2, 2003).
13. Gave numerous museum tours to hundreds of school students (from 25 schools) and to some university students.
14. Volunteer curator of the Geology Museum.

### **Khair, Kamal**

1. Member of the Lebanese National Committee for Hydrology.

### **Haidar, Ali**

1. Member of the Syrian - Lebanese Common Committee of Collaboration for Oil and Gas Exploration (The Higher Lebanese - Syrian Council) as expert in the Scientific Committee.
2. Expert appointed by the Lebanese Court in Geology.
3. Member of the International Nannoplankton Association.
4. Member of the International Geosphere-Biosphere Programme (IGBP), Lebanese Committee.

### **Nader, Fadi Henri**

1. Gave a presentation at the 2<sup>nd</sup> International Symposium of Iblean karstic plateau and the karst of the southern Mediterranean region (Ragusa, 28-30 May).
2. President of the Lebanese speleological club (Spéléo-Club du Liban) since April 2004.
3. Attended the 4<sup>th</sup> Syroil international oil and gas exhibition (Damascus, 7 April 2004).
4. Attended the 6<sup>th</sup> Middle East geosciences Conference and Exhibition (Bahrain, 8-10 March 2004).
5. Fellow of the “Geological Society, London” since January, 2004.
6. Gave a presentation at the international conference “Petroleum Geology of the Middle East”, organized by the Geological Society, London (Burlington House; 21-22 October 2003).

## **F. PUBLICATIONS**

### **Abdel-Rahman, Abdel-Fattah**

1. Abdel-Rahman, A.M. (2003). Geochemistry, age and origin of anorogenic alkaline granitic complexes from central-eastern Egypt. *Geol. Assoc. Canada – Mineral. Assoc. Canada* **28**, 2-3.
2. **Abdel-Rahman, A.M.** & Nassar, P. (2003): Chemical and isotopic evolution of the Akkar Cenozoic Volcanic Field of northern Lebanon, and implications for the origin of alkali basaltic magmas. *Geol. Assoc. Canada – Mineral. Assoc. Canada* **28**, 6-7.

3. Abdel-Rahman, A.M. (2003): Mesozoic volcanism in the Middle East: geochemical, isotopic, and petrogenetic evolution of rift-related alkali basalts from central Lebanon. *Geological Magazine* **139**, 621-640.

### **Nader, Fadi Henri**

1. **Nader, F.H.**, Swennen, R. & Ellam, R. (2004). Stratabound dolomite versus volcanism-associated dolomite: an example from Jurassic platform carbonates in Lebanon. *Sedimentology* **51**, 339-360.
2. **Nader, F.H.** & Swennen, R. (2003): Jurassic petroleum prospects of Lebanon. Abstract in International conference (Oct. 21-22, 2003) on "Petroleum Geology of the Middle East". *Geological Society, London*, p. 4.

### **Haidar, Ali**

1. Thierstein, H.R., Cortés, M.Y. & **Haidar, A.T.** (2004): Plankton community behaviour on ecological and evolutionary time-scales: When models confront evidence. In: *Coccolithophores - From Molecular Processes to Global Impact*, Springer (H. R. Thierstein & J.R. Young, eds.), 455-479.

## **G. FUTURE DEVELOPMENT**

In recent years, Faculty recruitment has been an obstacle for our Department. As indicated above, the recruitment of a Carbonate Sedimentologist (Dr. Fadi Nader, who joined our Department this past October), coupled with the successful recruitment of a Seismologist (who will join us this up-coming fall) represent a major step in the right direction. In the area of hydrogeology, however, we have still not been able to attract a high quality researcher. Thus, we are unable to develop a rigorous hydrogeological research program. We hope that this will change in the not-to-distant future. The next area that needs to be revitalized is the area of Engineering Geology. The development of the Engineering Geology discipline is very important at this point of time, as market demands in this vital discipline are growing, and some of our recent graduates are quite successful in landing jobs in this field, with major international engineering firms both in Lebanon and abroad.

The Department of Geology recognizes that the offering of some entrance scholarships for undergraduates will provide opportunities to some needy and bright students who are interested in the Earth Sciences. Due to the lack of this major at all of the other universities in Lebanon, except AUB, those students would not otherwise be able to pursue their studies in Earth Sciences. There is a great need to establish such entrance scholarship funds.

In the area of research, existing geology faculty members continue to be engaged in a number of research projects, and continue to publish in major international journals. In fact, geology faculty members are doing every effort to keep high research productivity. This should be coupled with continuous efforts to strengthen the Faculty research laboratories.

With respect to logistics, some new office-furniture have been obtained for new faculty members, but other essential furniture, and most importantly computers for faculty research are very needed at this point, especially for new faculty.

With respect to teaching, members of faculty are continuing to revise and up-grade undergraduate course offerings, and revitalize the graduate courses especially in geophysics, advanced sedimentology, and diagenesis. Efforts to improve the teaching environment are continuing; one classroom in post hall has been equipped with LCD for power-point lecture presentations. We urgently need to equip the other room in post hall (which is used as a laboratory and a classroom) also with an LCD-projector as power point presentations are now used for most of our lab- and course instructions. The purchase of some student petrographic-polarizing microscopes has been very vital for the teaching of the laboratory component of a number of geology courses. Since audiovisual materials greatly improve the presentation of freshman and introductory geology courses, we have obtained a number of scientific movies on various geological aspects such as erosion, volcanism, paleontology and earth history, geomorphology, mountain building processes, earthquakes, coastal processes, sedimentology, tectonic activities, mineral resources, petroleum and other energy resources. The classrooms have also been furnished with scientific posters covering the various disciplines of geological sciences. Geology and PTST students are suffering from the lack of a student computer lab, as the existing two student computers are almost obsolete. A need for at least three computers in the student's computer lab is becoming an urgent matter, especially that our Geology student population has been steadily increasing.

A. Abdel-Rahman  
Chair

# DEPARTMENT OF HISTORY AND ARCHAEOLOGY

## **A. SUMMARY OF PROGRAMS**

The Department of History and Archaeology revised and expanded its proposal for the Ph.D. program in Modern Middle East and Classical Islamic History which was submitted and approved by the Curriculum Committee. The proposal is now undergoing review by higher instances in view of its implementation in the coming academic year.

In response to the imminent re-launching of the Ph.D. Program, the Department advertised a new position in the field of Modern Middle East History. Five candidates were short-listed and offers were extended to Howard Eisenstatt and Kevin Martin successively, but both of them declined. The Department intends to renew its advertisement for this position next year.

The Department advertised also for a position in the field of Prehistory and Bronze Age Archaeology and successfully recruited Dr. Herrmann Genz, as Assistant Professor of Archaeology.

The Department received applications for the Alfred Howell Endowed Chair for History and Archaeology but no applicant qualified for this position . The Department recommended to the Dean to invite Professor Joel Beinin from Stanford University to hold the Howell Chair as a Visiting Professor, But Beinin declined the offer.

In the absence of Professors Abu-Husayn and Butcher, both on paid research leave, Dr. Stefan Weber contributed a course on Ottoman Archaeology and Architecture and Alex Raymond a course on the History of Southeast Asia in the first semester of the academic year 2003-2004. In the Spring semester of the same year, Dr. Noha Sadek contributed a course on Early Islamic Art and Architecture.

The Department contributed to the Center for American Studies and Research (CASAR) in the person of Professor David Koistinen who co-chaired the Steering Committee.

As part of its effort to continuously improve its teaching and research performance, all department members participated in a workshop on WebCT, Professor Nadia el-Cheikh attended the workshop on research grants writing, and Professor Helen Sader was delegated to attend a workshop on assessment of learning outcomes.

The Department also organized in September 2003 and for the third consecutive year, a fieldwork course on the archaeological site of Tell el-Burak to teach Archaeology students modern scientific methods in excavating, documenting, and recording archaeological material.

The Department, in cooperation with the Civilization Sequence Program, hosted a lecture by Professor Nicholas Purcell from the University of Oxford who presented his view on “The Edges of the Mediterranean”.

The Department continues its contribution to teaching and publication in the FAS as a whole through its involvement in teaching in the CS Program , the CAMES Graduate Program, and the publications of the Faculty’s two scholarly journals, *Berytus* and *al-Abhath*.

## **B. PERSONNEL**

### **1. Faculty Members**

Abu-Husayn, Abdul-Rahim	Professor	Ph.D.**
Butcher, Kevin	Professor	Ph.D.*
Sader, Helen	Professor	Ph.D.
Seeden, Helga	Professor	Ph.D.
Seikaly, Samir	Professor	Ph.D.
El-Cheikh, Nadia	Associate Professor	Ph.D.
Koistinen, David	Assistant Professor	Ph.D.
Meloy, John	Assistant Professor	Ph.D.
KaidBey, Naila	Instructor (pt-time) 2 <sup>nd</sup> .Sem.	Ph.D.
Raymond, Alex	Instructor (visiting) 1 <sup>st</sup> . Sem.	Ph.D.
Sadeq-Mermier, Nuha	Instruc.(pt-time) visiting, 2 <sup>nd</sup> .Sem.	Ph.D.
Weber, Stefan	Instruc. (pt-time) visiting, 1 <sup>st</sup> .Sem.	Ph.D.
Rihan, Muhammad	Instructor (pt-time) 1 <sup>st</sup> .Sem.	M.A.

### **2. Graduate Assistants**

Badrashani, Kamal		B.A.
Chaker, Joanne		B.A.
Cochrane, Paul	(1 <sup>st</sup> . Semester)	B.A.
Hourani, Alexandre	(1 <sup>st</sup> . Semester)	B.A.
McBrian, Fiona	(1 <sup>st</sup> . Semester)	B.A.
Shaker, Fadi		B.A.
Shreih, Hisham	(1 <sup>st</sup> . Semester)	B.A.

### **3. Non-Academic**

Ni'meh, Saydeh	Secretary (History and Archaeology)	B.A.
Abu-Salman, Huda	Secretary (Berytus)	

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\* Sabbatical year

## C. TEACHING

### 1. Number of Graduating Majors

M.A.	1
B.A.	5

### 2. Number of Majors Enrolled

Graduate Students	11
Seniors	8
Juniors	3
Sophomores	6

### 3. Student Enrollment in Courses

	1 <sup>st</sup> .Sem.	2 <sup>nd</sup> .Sem.	Total
Courses numbered 300 and above	13	13	26
Courses numbered 211 through 299	218	220	438
Courses numbered 200 through 210	----	26	26
Courses numbered below 200	<u>149</u>	<u>135</u>	<u>284</u>
	380	394	774

### 4. Number of Credit Hours Offered

Courses numbered 300 and above	48	30	78
Courses numbered 211 through 299	39	33	72
Courses numbered 200 through 210	---	3	3
Courses numbered below 200	<u>15</u>	<u>15</u>	<u>30</u>
	102	81	183

## D. RESEARCH

### El-Cheikh, Nadia

1. "The Qahramana in the Abbasid Court: Position and Functions", an article length study that explores the position and functions of the *qahramanas* harem stewardess, in the early fourth/tenth Abbasid court, evaluating their sources of authority which allowed them to exercise significant political influence. Submitted for publication.

### Koistinen, David

1. Further research and writing towards completion of my book manuscript, entitled *The Political Economy of Deindustrialization: Business, Labor, and the State During the Decline of the New England Textile Industry, 1920-1960*.

## **Meloy, John**

1. "The Privatization of Protection: Extortion and the State in the Circassian Mamluk Period." *The Journal of the Economic and Social History of the Orient*, vol. 47 (2004). In press.
2. "Celebrating the Mahmal: The Rajab Festival in Fifteenth Century Cairo." *History and Historiography of Post-Mongol Central Asia and the Middle East*, ed. J. Pfeiffer and S. Quinn. Wiesbaden: Harrassowitz. In press.
3. Review of *The Cambridge History of Egypt*, volume I: *Islamic Egypt, 640-1517*, edited by Carl F. Petry. *Journal of the American Research Center in Egypt*. In press.
4. "Economic Intervention and the Political Economy of the Mamluk State under al-Ashraf Barsbay." An article on the Mamluk Sultanate's monopolies on domestic industries and the Relationship of these interventions to the Sultanate's foreign trade. Under review.
5. "Processions: Military." In *Medieval Islamic Civilization: An Encyclopedia*, ed. J. Meri, et al. New York: Routledge. Under review.
6. "Processions: Religious." In *Medieval Islamic Civilization: An Encyclopedia*, ed. J. Meri, et al. New York: Routledge. Under review.
7. "Mamluks and Meccans." A monograph investigating the political practice of the Mamluk state by means of an analysis of the political and economic relationship between the Mamluk Sultanate and the Meccan Sharifate. Under revision.

## **Sader, Helen**

### **I- The Tell el Burak Archaeological Project**

#### **Name of project leaders:**

Helen Sader: AUB

\*Uwe Finkbeiner: University of Tübingen, Germany

\*Margarete van Ess: German Archaeological Institute, Berlin

#### **Name of funding Agencies:**

URB- FAS

German Archaeological Institute

Gerda Henkel Foundation

University of Tübingen

This project aims at studying the formation process of ancient settlements on the Lebanese coast with special emphasis on the Iron Age. Its main objective is to try and explain the origin, growth and decay of these ancient cities as well as the settlement pattern within their territory, mainly during the so-called period of Phoenician expansion (9th-6th century BC). The Lebanese coastal settlements are known since the Early Bronze Age to be separate administrative, political and economic centers of geo-political entities including within their territory and agricultural hinterland and several fortified towns and hamlets. Their unprecedented growth and economic expansion in the Iron Age was never investigated and the internal structure of the Phoenician cities remains largely unknown.



One of the project's main purposes is also to give AUB archaeology students an opportunity to be trained in fieldwork with competent specialists.

Third excavation season completed in September 2003. Second preliminary report in press.

## **II. Published and Unpublished Phoenician Inscriptions in the Lebanese Directorate General of Antiquities Collection.**

### **Name of Project Leaders:**

Helen Sader, AUB

Paolo Xella, Institute of Phoenician and Punic Studies, Rome

### **Funding Agency**

**Italian Research Council (Consiglio Nazionale delle Ricerche)**

The project aims at publishing a monograph which includes all the Phoenician inscriptions in the collection of the Lebanese DGA, in transliteration, translation and with a commentary. New photographs will also be provided. A substantial number of these Phoenician inscriptions is still unpublished. The projects includes 3 research phases:

- a. Collection, examination, and photography of all Phoenician inscriptions in the DGA collection.
- b. New collation of published inscriptions and reading of unpublished inscriptions.
- c. Publication in the monographic series of the Italian Institute of Phoenician and Punic Studies.

“An inscribed Phoenician Weight from Byblos.” To appear in the *Acts of the 5<sup>th</sup> International Congress on Phoenician and Punic Studies* held in Palermo-Marsala in October 2000. In press.

“Panorama du monde funéraire dans l’Orient phénicien.” To appear in *El Mundo Funerario. Actas del III Seminario Internacional sobre Temas Fenicios*. University of Alicante. In press.

Jens Kamlah and **Hélène Sader**. The Tell Burak Archaeological Project. Preliminary Report on the 2002-2003 Seasons. To appear in *Bulletin d’Archéologie et d’Architecture Libanaises Volume 7*.

Jens Kamlah and **Hélène Sader**. Deutsch-libanesische Ausgrabungen auf Tell el-Burak. Vorbericht nach Abschluß der dritten Kampagne 2003. Forthcoming volume of Zeitschrift des Deutschen Palästina-Vereins. October 2004.

1. *An Introduction to the Archaeology of the Lebanon from Prehistory to Hellenistic Times*. In progress.
2. *Phoenician Funerary Stelae from Lebanon*. Forthcoming. Special monograph volume of *Cuadernos de Arqueologia Mediterranea*. In progress.
3. Finkbeiner, U., Kamlah, Jens, and Sader, H. *Final Report on the First Three Seasons of Excavation on Tell Burak-Lebanon*. In progress.

4. Finkbeiner, U. and Sader, H. *Final Report on the Excavations of Beirut, Site BEY 20*. In progress.
5. Sader, H. and Xella, P. *Unpublished Phoenician Inscriptions in the Lebanese Department of Antiquities Collection*. In preparation.

### **Seeden, Helga**

#### 1. *Project title:*

Beirut - ancient ceramics and socio-economic change (continuation);  
Preparation for publication of the results of the post-excavation research continues.

#### *Research objectives:*

Settlement formation processes; construction of complete ceramic type-series in Lebanon; investigation of environmental information. Electronic data recording (involving CAD & GIS applications) enables the establishment of a database platform that facilitates the analyses of the otherwise unwieldy mass of data. Combining the presently completed entries for site stratigraphy, ceramics, glass, coins, and environmental data demonstrates that this project will provide an unprecedented and comprehensive understanding of the development of Beirut from pre-Hellenistic, Roman, Byzantine and early Islamic to Ottoman and Mandate period times. The results from Beirut also yield substantial new information about the Levant, the eastern Mediterranean, and the wider cultural and commercial context.

Several expert members of the project team continue to be engaged in training AUB graduates in the latest methodologies of post-excavation analyses. This experience teaches them to prepare excavation results for publication and presentation to the public, the ultimate aim of all archaeological excavation.

AUB graduates have completed five MA theses and one PhD dissertation (Free University Berlin) on material from the AUB Souk excavations so far. This year another PhD candidate is beginning her research for a PhD dissertation involving Beirut project material at Chicago University.

#### Principal senior co-investigators (associated with AUB as members of the Leverhulme project team):

Dr. Dominic Perring\* (University of York), Tim Williams\* (English Heritage, London), Sarah Jennings\* (English Heritage), Bryan Alvey\* (computer programming), Dr. Kevin Butcher (numismatics).

#### Research Associates from abroad (Leverhulme team members):

Dr. Paul Reynolds (ceramicist, at AUB);  
Reuben Thorpe (stratigrapher);  
James Rackham (palaeo-environmental and -zoological analyses) with a special grant from the *Council for British Research in the Levant* (Registered Office, The British Academy, London);  
Dr. Michael A. Monk\* (palaeobotanist, Cork University);

Dr. Barra O'Donnabhain (specialist in human skeletal remains, Dublin); Louise Cooke\* (UCLondon Institute of Archaeology: expert in digital archiving of small finds).

Research Assistants:

Canan Çakırlar (palaeozoology and environment), until 2003; Rima Mikati, MA (ceramics and lamps), preparing a publication.

The granting bodies:

The Leverhulme Trust (1994-2002)

Following upon the AUB-Leverhulme Souks Excavation Project I (1994-1996, sites BEY 006/007/045), the continuation of the AUB-Leverhulme Beirut Project II was funded by a second grant from the British Leverhulme Trust (1998-2002).

The CBRL (=Council for British Research in the Levant) granted funds to the palaeoenvironmentalist James Rackham to study the animal bones from the excavations. He has provided specialist training not otherwise available at AUB, to our graduate students.

Seeden, H.

Presenting realities behind immortal myths: "Troy - Dream and Reality". (Research in progress).

Baalbek past and present, a contextual assessment of the temple and *qal'a* complex in their environment.

(Research completed, editing ms; up-dating and completing pictorial material for a digital edition, with B. Ludvigsen).

**Seikaly, Samir**

1. "The Syrian Economy at the Turn of the Century: The Testimony of *al- Muqtabas*, 1906-1914." Paper delivered at 6<sup>th</sup>.Conference on the History of the Press in the Middle East, Nicosia, 2004. Paper was accepted for publication.
2. "Counter-Congress: An Episode in Arab-Turkish Relations." Paper to be delivered at the forthcoming 16<sup>th</sup>. CIEPO Symposium, Warsaw, June 2004.
3. "Origins: Arab Nationalism Viewed from within." A documentary study, based primarily on the periodical press, dealing with the origins of Arab nationalism. In Progress.

**E. OTHER STAFF ACTIVITIES**

**El-Cheikh, Nadia**

1. University of California, Los Angeles: Visiting Scholar with the Center for the Study of Women, July, 2003.

2. New York University, Global Affairs International Visitors Program Grant. March 21- April 3, 2004. Delivered papers at the following international and regional conferences:
  - "The Abbasid Harem in Tenth Century Baghdad," New York University, Global Affairs International Visitors Program, March 2004.
  - "Gender and Sexualized Knowledge Production: The Uses of Adab," Gendered Bodies, Transnational Politics: Modernities Reconsidered, Cairo, December 2003.
3. Organized conference on Models of Universities for the Arab World, American University of Beirut, October 2003.
4. Discussed collaborative possibilities in gender and sexuality studies, New York University, March 2004.

### **Koistinen, David**

1. Member, Fall semester, and Co-Chair, Spring semester, Center for American Studies and Research (CASAR) Steering Committee.
2. The committee has worked in an intensive fashion to gain an understanding of the Field of American Studies and plan AUB's program in this area. It has also organized presentations by numerous speakers on various U.S. related topics. I have participated very actively in the committee's self-education and planning functions and done most of the organizing for the speakers. A tremendous amount of time and energy this year has been devoted to these activities.

### **Meloy, John**

1. Associate Editor, *Al-Abhath: Journal of the Faculty of Arts and Sciences*.

### **Sader, Helene**

Delivered papers at the following international and regional conferences:

1. "Les fouilles de Tell Burak: lumière sur le royaume de Sidon à l'époque perse". Vième Colloque International sur la Transeuphratène À l'Epoque Perse. Organized by the Institut Catholique, the Ecole Pratique des Hautes Etudes and the Institut Protestant de Théologie. Paris. November 6-8, 2003.
2. "Archaeology in Post-War Lebanon: The Case of Beirut and Tell Burak". Lebanese Week Heritage Day. Organized by the European Institute of the Mediterranean. Barcelona, December 17, 2003.

### **Seeden, Helga**

#### Editing:

1. *Berytus Archaeological Studies* double volume 45 & 46 (2001 & 2002) appeared in April 2004 and has been sent out to our customers;
2. *Berytus* vol. 47 (2003) has been edited and is now in press. Proofs are expected in June 2004.

3. *Berytus* double volume 48 & 49 (2004 & 2005) is being completed and will be sent to two peer reviewers in August 2004. It is expected to go to press before the end of 2004 and appear in 2005.
4. *Berytus* volumes 50 (2006) and 51 (2007) are in an advanced state of preparation.

### **Seikaly, Samir**

1. Submitted several departmental proposals to the Mellon Foundation Grant for consideration. These included the holding of two international conferences on Pluralistic Societies in the Middle East and on Constitutions and Constitutional Making in the Modern Middle East.
2. Assisted in drawing up a modified curriculum for the imminent re-introduction of the Department's Ph.D. Program. Five of the courses suggested by me were approved by the FAS Curriculum Committee.
3. Served as thesis advisor to two CAMES students in the course of the academic year 2003-2004. One has earned his MA; the other will do so in June 2004.
4. Served as principal reviewer of a study entitled "Places of Memory and Mourning: Palestinian Commemoration in the Refugee Camps of Lebanon." This will be published in the forthcoming special issue of the journal *Asia, Africa and the Middle East*.

## **F. PUBLICATIONS**

### **El-Cheikh, Nadia**

1. *Byzantium Viewed by the Arabs*, Cambridge: Harvard Middle Eastern Monographs, 2004.
2. "Mourning and the Role of the Na'iha," *Identidades Marginales*. Edited by Cristina de la Puente (Madrid: Consejo Superior de Investigaciones Cientificas, 2003), 395-412.
3. "Byzantines: Exegetical Explanations," *Encyclopedia of the Qur'an*, ed. Jane Dammen McAuliffe, (Leiden: Brill, 2001), vol.1, pp. 266-269.
4. "Bahthan an sharik al-hayat al-mithali," *Tiba* 3(2003), 77-99.

### **Meloy, John**

1. "Imperial Strategy and Political Exigency: The Red Sea Spice Trade and the Mamluk Sultanate in the Fifteenth Century." *Journal of the America Oriental Society*, vol. 123, no. 1, (2003), pp. 1-19.
2. Review of *The Armenian Kingdom and the Mamluks*, by Angus Donal Stewart. *Speculum: A Journal of Medieval Studies*, vol. 78, no. 4 (2003), p.1413.

### **Sader, Helene**

1. The Stelae. In Aubet-Semmler, ME *et alii*. *The Phoenician Cemetery of Tyre-el-Bass. Excavations 1997-1999. Bulletin d'Archéologie et d'Architecture Libanaises Volume hors-série I*: 383-394, 2004.
2. Archaeology and Reconstruction: The Case of Beirut. Proceedings of the International Congress “*Die Stadt als Grossbaustelle. Von der Antike bis zur Neuzeit*”. Deutsches Archäologisches Institut. Berlin. 18-23, 2003.

## **G. FUTURE DEVELOPMENT**

In response to the planned re-launching of the Ph.D. program, the Department met to assess its resources and needs which were expressed in writing in the Ph.D. proposal presented to the Dean. Most important is the allocation of more adequately equipped space to accommodate new hires and new Ph.D. students. The Department will continue its recruitment efforts to fill new positions in Modern Middle East and Classical Islamic History and will try to recruit distinguished scholars in the field for the Alfred Howell Endowed Chair. This expansion aims at enabling the Department to continue to offer its service courses and undergraduate program as well as a solid and credible Doctoral program.

H. Sader  
Chair

# INSTITUTE OF FINANCIAL ECONOMICS

Successor to the Institute of Money and Banking, the Institute of Financial Economics (IFE) was established effective October 2001 as an independent research institute within the Faculty of Arts and Sciences to be engaged in research work, conferences, seminars and workshops with a focus on financial, monetary and international economics<sup>4</sup>. Fellows of the Institute include members of the Economics Department but also visiting scholars who spend time during the course of the year conducting research.

## **A. SUMMARY OF PROGRAMS**

In recent years and in tandem with the ongoing process of globalization, there has been a growing emphasis on the fields of financial, monetary and international economics. A major objective of the Institute is to promote research and other academic activities in these fields and thereby to build it up into a major research center in particular as concerns Arab and other developing economies. For this purpose the Institute will encourage collaborative work with appropriate national, regional and international organizations and research centers.

The principal goals of the Institute may briefly be outlined as follows:

1. To conduct, organize and sponsor high-level research work related in particular to financial, monetary and international economics. Emphasis will be placed on policy-oriented empirical work pertaining to the Arab and other developing areas and collaborative teamwork will be promoted. Such research will prove beneficial for governments and organizations concerned with the design of economic and financial policies especially in the Middle East region.
2. To hold conferences, seminars, workshops and lectures on various topics related to the above areas. The first two types of activities will, among other things, bring together academicians, financial managers and experts and policy makers to analyze issues of relevance at the policy level.
3. To accommodate visiting scholars and experts for various intervals of time to conduct research at the Institute and to sponsor public lectures in financial, monetary and related fields.

## **B. PERSONNEL**

Director: Makdisi, S.

Fellows: Aintablian, S and Neaime, S.

Secretary : Rima Shaar

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<sup>4</sup> For a brief introduction to the establishment of the IFE see the 2001/02 annual report.

Graduate Assistants: Bou Diab, S ,Kanoungi, M, Shamseddin, B  
Graduate Research Assistants: Maraachlian, H; Mourdaa, R.; Nassif,C; Nakhle, N

## **C. OTHER STAFF ACTIVITIES**

### **1. Public Lectures**

The Institute organized a series of public lectures by invited experts. For this academic year they included:

1. Dr. Mustapha Nabli, (World Bank's MENA Region) on " Exchange Rate Policies in the MENA Countries and Their Impact on Competitiveness", December 5, 2003.
2. Dr. Nadeem Shujaat, (Group Treasurer, Saudi American Bank) "Risks in Financial Markets", March 18, 2004
3. Dr. Akram Chowdry (Managing General Partner, High Tec Venture Capital, Atherton, California) " Entrepreneurship, Venture Capital and Economic Growth", April 28, 2004
4. Dr. Ibrahim ElBadawi (World Bank's Research Department), "Resolving the Sudanese Civil War and Economic Prospects for the Sudan", June 2, 2004
5. Dr. Medhat Hassanein (Minister of Finance, Egypt), "Second Generation Economic Reforms in Egypt", (Co-organized with the Department of Economics), May 2004.

In addition, a number of experts were invited to give talks to graduate students in financial economics on various topics of relevance to their studies.

Furthermore, "in house" discussion meetings on topics pertaining to on going research were held.

### **2. Lecture and Working Paper Series**

As part of its role in making available on going research, within and outside the University related to economic issues of special concern to developing countries, the Institute has initiated a series of guest lectures and working papers made available in print as well on its website. While financial, monetary and international economic issues form a major part of the Institute's work, its research interests are not confined to these areas but extends to included other domains of relevance to the developing world in the form of general analyses or country specific studies. Except for minor editorial changes, the lectures are circulated as presented at public lectures organized by the Institute while the working papers reflect on-going research intended to be polished and developed and eventually published.



The series' advisory committee includes: I. El Badawi, I (World Bank) H. Esfahani (University of Illinois at Urbana-Champaign,), S. Makdisi Chair (AUB) and S. Neaime (AUB),

As of end June, 2004 the series' papers included:

1. H. Esfahani, (University of Illinois at Urbana-Champaign), "A Reexamination of the Political Economy of Growth in the MENA Countries"
2. R. Cooper, (Harvard University) , " Prospects for the World Economy"
3. S. Makdisi and R, Sadaka, (AUB) " the Lebanese Civil War. 1975-1990"
4. M. Nabli, J, Keller and M-A Vaganazonos, (The World Bank), " Exchange Rate Management within the Middle East and North Africa: The Cost to Manufacturing Competitiveness"
5. J. Nugent (University of Southern California), " Is Resource Wealth Compatible with Good Governance?"

Several papers, from outside and within the university, are currently under consideration for inclusion in the series.

### **3. Fellows' On Going Research Projects**

As noted below, Institute Fellows have been engaged in various research projects pertaining, to the financial, monetary and developmental areas. (For completed research and publications see annual report for the Economics Department).

#### **Aintablian, Sebouh**

1. "An Empirical examination of Bank Loans and the Bid-Ask Spread " (with G. Jacoby\* and S. Zheng\*).
2. "Is There Still a Place for Family Banks: A Perspective on Corporate Governance in the Context of Family Banks in France" (with V. Vijayraghavan\*)
3. "Stock Market Behavior Around Religious Holidays" (with G. Jacoby\* and T. Hecht\*).

#### **Makdisi, Samir**

1. " Democracy and Development in the Arab World" (with I. El Badawi). A first draft of the this project has been completed and presented at the annual conference of the Economic Research Forum for the Arab Countries, Iran and Turkey, in Rabat, December 2003. A revised version is under preparation and will appear in refereed volume edited by H. Esfahani of the University of Illinois.
2. " Rebuilding of Devastated Economies: the Case of Lebanon", first draft completed and submitted to a workshop on " Rebuilding Devastated Economies" organized by the Near East Center at the University of California at Los Angeles, May 14-15, 2004. A final draft is under completion.
3. "Civil conflict, economic development and globalization with reference to selected Arab countries". This is a book length research project that attempts to

analyze the causes of the civil war and identify the policies that prevent their re-emergence in the era of globalization thereby setting the stage for sustained economic and financial development in the Arab region. Research pertaining to certain aspects of the project have been completed, Supported by external funding.

### **Neaime, Simon**

1. “The Canadian-US Exchange Rate and The Prospects of An Optimum Currency”  
The paper assesses the conduct of monetary policy in Canada, highlights the recent exchange rate dynamics of the Canadian-US exchange rate and examines the prospects of an optimal currency area among the two North American Free Trade Agreement (NAFTA) members.
2. “Prospects of a Monetary Union Between the EU and GAFTA: An Empirical Investigation”. This research paper examines the issue of a regional currency union among the Greater Arab Free Trade Agreements (GAFTA) Members and the European Union (EU) countries using data for 14 Arab countries.
3. “MENA Stock Markets: A Dynamic GARCH Approach”. This paper examines the interrelationship among the stock markets of the Middle East and North Africa (MENA) region as well as the relationship between each MENA stock market and the larger and more developed markets of Europe and the US.
4. “Macroeconomic Fluctuations in the MENA Region”. This research paper measures the importance and impacts of external macroeconomic shocks on the economies of the MENA region and the adjustment of per capita GDP growth rates, exports, imports and fiscal imbalances.

### **D. FUTURE DEVELOPMENT**

1. In addition to its own resources, the Institute will continue to seek research funds from outside sources that will help it launch new research projects some of which will be carried out in collaboration with outside research centers and experts. For the coming year a few projects have already been planned and funding support identified.
2. Seminars and public lectures will be organized periodically dealing with major economic/financial issues facing Lebanon, the Arab World and developing countries more generally.
3. The Institute will host two visiting scholars as Research Associates in the coming academic year. In addition to their own research activities, they will give talks on selected economic and financial topics.

S. Makdisi  
Director

# DEPARTMENT OF MATHEMATICS

## A. SUMMARY OF PROGRAMS

The Department voted to institute a new undergraduate degree in Applied Mathematics. A little fine tuning of the proposal is needed before submission to the relevant Committee.

“*Mathematics Clinics*” were introduced, where Mathematics graduate students met with undergraduates taking mathematics courses, and attended to their questions. They provided a successful setting for mathematical dialogue to the excitement and benefit of all students.

The “*Colloquium lectures*” series was revived. Eight lectures were given.

The newly introduced “*Let’s talk mathematics*”, continued to be the forum for informal mathematical discussion amongst interested faculty.

The “*Math circle*”, which is the students’ club, held a few meetings, in which cultural exchanges were made. It also organized a picnic during the spring term.

There was a noticeable rise in the number of students registered in such advanced courses as Math 210, and Math 227. It appears that more students from other disciplines, notably Engineering, Physics and Economics, are opting for a minor in Mathematics.

The number of students enrolled in Mathematics and Statistics courses was near 3950.

## B. PERSONNEL

### Academic

Abi-Khuzam, Faruk	Ph.D.	Professor (Chairman)
Abu Khuzam, Hazar	Ph.D.	Professor
Haddad, John	Ph.D.	Associate Professor
Hanna, Azmi	Ph.D.	Professor
Khuri-Makdisi, Kamal	Ph.D.	Associate Professor
Lyzzaik, Abdallah	Ph.D.	Professor
Nahlus, Nazih	Ph.D.	Professor
Nikiel, Jacek	Ph.D.	Professor
Shayya, Bassam	Ph.D.	Associate Professor
Stavrov, Iva	Ph.D.	Assistant Professor
Barbara, Roy	Ph.D.	Lecturer (part time, spring)
Fuleihan, Najwa	M.S.	Instructor
Itani Hatab, Maha	M.S.	Instructor
Jaafar, Samar	M.S.	Instructor (part time)
Jabbour, Samira	Ph.D.	Lecturer (part time, fall)
Jurdak, Mona	M.S.	Instructor

Jaber, Sylvana  
 Kobeissi, Mohammad  
 Khachadourian, Zador  
 Yamani, Hussam

M.S.  
 Ph.D.  
 M.S.  
 Ph.D.

Instructor  
 Lecturer  
 Instructor  
 Lecturer

**Non-Academic**

Hamam, Michael  
 Akl Abou Zaki, Lina

M.S.

System Administrator  
 Secretary

**C. TEACHING**

**1. Number of Graduating Majors:**

Degree	Oct. 03	Feb. 04	June 04	Total
B.A. or B.S.			8	8
M.A. or M.S.			3	3

**2. Number of Majors:**

Class	Mathematics	Statistics
Graduates	16	0
Seniors	9	1
Juniors	27	1
Sophomores	38	3
<b>Total</b>	90	5

**3. Student Enrolment in Mathematics Courses:**

Course	Summer 03	Fall 04	Spring 04	Sub-Total
Courses numbered 300 & above	0	24	16	40
Courses numbered 211 thru 299	42	364	288	694
Courses numbered 200 thru 210	137	1227	1010	2374
Courses numbered below 200	20	200	160	380
<b>Total</b>	199	1815	1474	3488

**4. Student Enrolment in Statistics Courses:**

Courses	Summer 03	Fall 04	Spring 04	Sub-Total
Courses numbered 211 thru 299	3	4	40	47
Courses numbered 200 thru 210	28	151	230	409
<b>Total</b>	31	155	270	456

**5. Number of Credit hours Offered in Mathematics Courses:**

Courses	Summer 03	Fall 04	Spring 04	Sub-Total
Courses numbered 300 & above	0	15	9	24
Courses numbered 211 thru 299	6	24	18	48
Courses numbered 200 thru 210	12	12	15	39
Courses numbered below 200	6	6	6	18

<b>Total</b>	24	57	48	129
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**6. Number of Credit Hours Offered in Statistics Courses:**

Courses	Summer 03	Fall 04	Spring 04	Sub-Total
Courses numbered 211 thru 299	3	0	9	12
Courses numbered 200 thru 210	3	6	6	15
Total	6	6	15	27

**D. RESEARCH**

**Abi-Khuzam, Faruk**

1. Faruk Abi-Khuzam & May Hamdan, “Radial Distribution of zeroes of entire functions and sections of their power series”, Accepted in Math. Reports Acad. Sci. Royal Soc. Canada.
2. Faruk Abi-Khuzam & Bassam Shayya, “Spherical means associated with non-isotropic dilation groups”, Accepted in Resultat der Mathematik.
3. Valiron’s Theorem in higher dimensions. A complete dimension-free extension of Valiron’s Theorem has been obtained for functions of several complex variables. (Work completed).
4. Asymptotic solutions for non-linear difference equations. For a class of non-linear first order difference equations, the asymptotic behavior of the solution is obtained. (Work completed).
5. Convexity of the Nevanlinna characteristic. A study of a possible analogue, for the Nevanlinna characteristic, of recent results on the logarithm of the maximum modulus. (Work in initial exploratory stage).

**Abu-Khuzam, Hazar**

1. H. Abu-Khuzam, Howard Bell, and A. Yaqub, “Some generalizations of weakly periodic rings. We study the structure of semi-weakly periodic rings and hemi-weakly periodic rings. (Research Completed and a paper is submitted for publication)
2. H. Abu-Khuzam, and A. Yaqub, “Structure of rings with certain conditions on zero divisors”, (Research Completed and a paper is submitted for publication)

**Haddad, John**

1. “On the closed form of the covariance matrix and its inverse of a causal ARMA process.” Accepted for publications to the Journal of Time Series Analysis. In this paper the recursive nature of the covariance matrix is established and the inverse of the covariance matrix is given explicitly which gives a closed form for the likelihood function.
2. “Moments of the maximum likelihood estimator for the parameter of a first order autoregressive process”. Joint research with Dr. S. Provost\* and manuscript is submitted to the Canadian Journal of Statistics. In this paper we develop a method to compute the first four moments for the maximum likelihood estimator using an approximate relationship with empirical moments.

### **Kobeissi, Mohamed**

1. Mohamed Kobeissi, Michel Mollard: "Disjoint cycles and spanning graphs of hypercubes", accepted for publication in Discrete Mathematics, February 2004.

### **Khuri-Makdisi, Kamal**

1. Asymptotically fast algorithms for Jacobians on a general curve, (significant strengthening of the result in my article in Mathematics of Computation, with new ideas leading to future research directions.) Have written a significant part of the paper.
2. Using special values of modular forms to find equations of modular and Shimura curves, initial study of preliminary ideas inspired by item 1 above.
3. Calculation of a Hecke operator on the space of level 1 modular forms, for all weights simultaneously. Promising partial results obtained so far.
4. Analytic properties of certain L-series attached to automorphic forms on orthogonal groups, ongoing exploratory stage.
5. Partial generalization of the results from my Communications in Algebra paper (see section F below) to  $SL(n)$ , research completed some time ago, hope to write and submit paper soon.

### **Lyzzaik, Abdallah**

1. A. Lyzzaik, "*Univalent Harmonic Mappings Of Annuli*"; The paper is intended to present several aspects of univalent harmonic mappings of annuli; in particular, boundary functions, existence and uniqueness theorems, and the geometry of their analytic and co-analytic parts. It also considers univalence criteria for Dirichlet solutions in annuli of generalized types homeomorphisms as boundary functions. Journal Publications de l'Institut Mathematique, Accepted (2004).
2. Lyzzaik and D. Bshouty\*, "*On a conjecture of D. Styer regarding univalent geometric and annular starlike functions*"; the paper characterizes univalent functions with star-center points and settles a conjecture on these functions due to D. Styer. Proc. Amer. Math. Soc., Accepted (2004).
3. A. Lyzzaik, D. Bshouty\* and A. Weitzman\*, "*On uniqueness of univalent harmonic mappings with prescribed dilatation*"; the uniqueness question of harmonic mappings with a prescribed dilatation has been for more than half a century a central problem in the study of harmonic mappings. Some encouraging results have already been obtained in the direction of solving the problem. Research is in its exploratory stage.
4. A. Lyzzaik, D. Bshouty\*, "*Unbounded univalent harmonic mappings in the disc*"; the purpose of this work is to investigate unbounded univalent harmonic mappings in the disc in view of their bounded counter parts. Research is in its exploratory stage.

### **Nahlus, Nazih**

1. 1.N. Nahlus, "Finite-dimensional quotients of pro-semi simple and pro-solvable Lie algebras"

- Abstract:* We show that a finite-dimensional quotient of a pro-semi simple Lie algebra  $L$  (an inverse limit of finite-dimensional semi-simple Lie algebras) is semi-simple. A similar result is obtained if  $L$  is a Cartesian product of finite-dimensional solvable Lie algebras. (Research in final stages).
2. N. Nahlus, "Inverse limits of vector spaces, algebraic groups and semi-topological groups"  
*Abstract:* We discuss inverse limits of vector spaces, algebraic groups and semi-topological groups. Specifically: exactness of the inverse limit functor and topological properties. (Research in final stages).
  3. N. Nahlus, "On extensions of representations of solvable Lie algebras"  
*Abstract:* We give a simple criterion for when a f.d (finite-dimensional) representation of a sub-algebra of a solvable Lie algebra  $L$  of arbitrary dimension extends to a f.d representation of  $L$ . (Research in middle stages).
  4. N. Nahlus, "Kostant Theorems and pro-affine algebraic groups". (Research in middle stages).
  5. N. Nahlus "On the dimension theory of modules". (Research in early stages).

### **Nikiel, Jacek**

1. (with D.Daniel, L.B.Treybig, H.M. Tuncali & E.D. Tymchatyn) concerning continua that contain no metric sub continua, Houston J.Math, to appear.
2. (with D.Daniel, L.B.Treybig, H.M. Tuncali & E.D. Tymchatyn) On Suslinian continua, Canadian Math. Bull., to appear.
3. (with D.Daniel, L.B.Treybig, H.M. Tuncali & E.D. Tymchatyn) on perfectly normal compacta, submitted.
4. (with D.Daniel, L.B.Treybig, H.M. Tuncali & E.D. Tymchatyn) Lifting paths on quotient spaces, in preparation.
5. Concerning local connectivity in Suslinian continua, in preparation.

### **Shayya, Bassam**

1. F. Abi-Khuzam and B. Shayya, "Spherical means associated with non-isotropic dilation groups", to appear in Results in Mathematics.
2. F. Abi-Khuzam and B. Shayya, "Restriction of the Fourier transform to convex Hypersurfaces", in preparation.

### **Stavrov, Iva**

1. "Vector Bundles over Grassmannians and the Skew-symmetric Curvature Operator". Paper submitted for publication in Differential Geometry and Its Applications.
2. "Locally Isotropic Pseudo-Riemannian Manifolds" (preliminary title). The paper contains a more elementary proof of Wolf's Theorem (this theorem says that locally isotropic pseudo-Riemannian manifolds are locally symmetric). Research completed and paper is being written.
3. Using spectral properties of the Jacobi operator to show that locally isotropic pseudo-Riemannian manifolds of certain signatures have constant sectional curvature. Research in its initial exploratory stage.

## **E. OTHER STAFF ACTIVITIES**

### **Abi-Khuzam, Faruk**

1. Co-Chair of the University task team # 6 (Integrity)
2. Member of the Arts & Sciences Advisory Committee
3. Chairman of the Department of Mathematics
4. M.S. Thesis advisor to Dania Zantout
5. Prepared, in collaboration with B.Shayya, a proposal for a degree in applied mathematics.

### **Abu Khuzam, Hazar**

1. Reviewer for “Mathematical Reviews” of the American Mathematical Society.
2. Freshman Academic Advisor.
3. Academic Advisor (Mathematics students).
4. Member of the following committees: University Research Board, Faculty Research Committee.
5. Advisor of Master’s Theses for the following students:
  - Bou Eid, Michella, expected to graduate in June 2005
  - Khorbatli, Samar, expected to graduate in June 2005
  - Nassif, Rana, expected to graduate in June 2005
6. Member of Master’s Thesis Committees for 3 other graduate students.

### **Haddad, John**

1. Academic Advisor for Statistics student
2. Academic Advisor for Sophomore Computer Science students
3. Member of the Curriculum committee

### **Khuri-Makdisi, Kamal**

1. Grants awarded:
  - a. July 2003: TEMPUS Individual Mobility Grant from the European Training foundation. Visited the mathematics department at Universite Paris 13, made scientific contact with other Mathematicians in Paris, and participated at the Journees Arithmetiques XXIII conference in Graz, Austria.
  - b. August 1-September 15, 2003: Clay Mathematics Institute Prize Fellow. Visited Princeton University and attended “Unity of Mathematics” conference in Graz, Austria.
  - c. Academic year 2003-04: URB research grant (University Research Board, AUB) for research project in algorithmic number theory “Equations for Modular and Shimura Curves.” Partially supported a Research assistant with whom I have been working on various Computational aspects of the project.
  - d. Academic year 2003-04: LNCSR (Lebanese National Council for Scientific Research) for research project “Equations for Modular and Shimura Curves.” Used the funding to partially support a research assistant, and for software purchase.



2. Seminar talks given:
  - a. Asymptotically fast algorithms for Jacobians of general curves, Journées Arithmétiques XXIII Conference, Graz, Austria, July 2003.
  - b. Asymptotically fast algorithms for Jacobians of general curves, Presentation at internal seminar of Ecole Polytechnique Algorithmic Number Theory and Cryptology Group, Paris, July 2003.
  - c. Asymptotically fast algorithms for Jacobians of general curves, Courant Institute of Mathematical Sciences Special Joint Math/Computer science Seminar (NYU), September 2003.
  - d. Fourier Coefficients of Maass Forms (survey talk), AUB Mathematics Department Colloquium, April 2004.
3. Scientific Committee Member, CIMPA-UNESCO-LEBANON summer school on algebraic geometry and arithmetic of curves, to be held at CAMS and the Lebanese University, July 2004. The summer school is sponsored by CIMPA (Centre International de Mathématiques Pures et Appliquées, Nice, France). Lecturer for one of the courses of the summer school. Also involved in significant organizational work for the school.
4. Hosted visit by G. Shimura (Professor Emeritus, Princeton University) in number theory, with partial funding from CAMS, May 2004.
5. Academic advisor for some computer science majors.
6. Served as one of the FAS representatives on the AUB Web Oversight Committee.
7. Involved in discussions with faculty members at other universities in Lebanon about the challenges faced in the teaching of science at the university level in the region, Fall 2003. Discussions held under the auspices of the Lebanese National Commission for UNESCO.

### **Lyzzaik, Abdallah**

1. Member of the University Senate.
2. Member of the Senate Admissions Committee.
3. Chairperson of the Academic Development Committee.
4. Member of the Curriculum Committee of the FAS.
5. Member of the Admissions Committee of the FAS.
6. Associate member of the Center of Advanced Mathematical Studies.
7. Academic Advisors for juniors, seniors and Graduate students of the Department of Mathematics.
8. Refereed articles for the Journals of Mathematical Analysis and Applications (JMAA), Computational Mathematics and Function Theory, Journal Publications de l'Institut Mathématique, and Journal of the London Mathematical Society.
9. Reviewed one article for Mathematical Reviews.
10. A Master's thesis advisor for students Marwa Hourri (just defended her thesis successfully), Manal Salam, Lina Rahhal, and Khadejeh Abdallah.

### **Nahlus, Nazih**

1. I have proposed the full description plan for a 4-year Mathematics program at Dhofar University in Oman (to start in Sept. 2004).

2. I have done some search to improve the proposed Applied Mathematics program at AUB.
3. I am chairing the committee for proposing a description plan for a PhD program in Mathematics AUB.
4. I have served as the Mathematics Department Representative for Library Affairs.
5. I gave a tutorial course for Hala Shehada.
6. Supervised an Algebra Qualifying Examination.
7. Initial thesis advising of Hala Shehada and Inass Fakhani.
8. Gave a departmental talk entitled "Primes in arithmetic progressions (Dirichlet) and finite division rings (Wedderburn)" May 27, 2004.

### **Nikiel, Jacek**

1. Since August 2003 I am on a research leave from AUB at the Nipissing University in Canada.
2. I was a member of the AUB accreditation task team #3.
3. I have been a member of the AUB Senate since October 2002.

### **Shayya Bassam**

1. Advisor for Computer Science undergraduate students.
2. Advisor for Mathematics undergraduate students.
3. Member of the M.S. thesis committee of Dania Zantout who graduated in February 2004.
4. Member of the M.S. thesis committee of Marwa El Hourri who is expected to graduate in June 2004.
5. Supervising the M.S. thesis of Diana Audi
6. Changed the content of Math 224 to include more material on Fourier series and PDE and updated the catalogue description of this course accordingly.

### **Stavrov, Iva**

1. Served as a member of the committee for the proposal of a Ph.D. program in mathematics.
2. Gave a presentation at CAMS titled "Applications of Algebraic Topology to the Spectral Geometry of the Riemann Curvature Tensor".

## **F. PUBLICATIONS**

### **Abi-Khuzam, Faruk**

1. Faruk Abi-Khuzam & Bassam Shayya, "A class of non-homogeneous singular integrals in  $R^n$ ", J.Math.Anal. &Appl. 288(2003), no. 1, 274-284

### **Abu Khuzam, Hazar**

1. H. Abu-Khuzam and Howard Bell, "On rings with conditions on nonperiodic elements", Result. Math. 43 (2003), 198-201.

### **Khuri-Makdisi, Kamal**

1. “An exact sequence in the representation theory of  $SL(2)$ ”, *Communications in Algebra* 31 (2003), 4153-4160.
2. “Linear algebra algorithms for divisors on an algebraic curve”, *Mathematics of Computation* 73 (2004), 333-357.

### **Lyzzaik, Abdallah**

1. A. Lyzzaik, A. Lecko\*, “A note on univalent functions starlike with respect to a boundary point”, *Journal Math. Analysis and App.*, 282 (2) (2003), 846-851.
2. A. Lyzzaik and D. Bshouty\*, “On a conjecture by B. Crofoot and D. Sarason regarding the existence of some polynomials”; *Comput. Methods Funct. Theory* 4 (2004), No. 1, 35-41.

### **Shayya Bassam**

1. Abi-Khuzam and B. Shayya, “A class of non-homogeneous singular integrals in  $R^n$ ”, *Journal of Mathematical Analysis and Applications*, 288 (2003), no. 1, 274 - 284.
2. Shayya, “Adjoint restriction estimates and scaling on spheres”, *Proceedings of the American Mathematical Society*, 132 (2004), no. 5, 1517—1524.

### **Stavrov, Iva**

1. Peter B. Gilkey\*, Raina Ivanova\* and Iva Stavrov “Jordan Szabó algebraic covariant derivative curvature tensors”, *Contemporary Mathematics*, **337** (2003), 65-75.

## **G. FUTURE DEVELOPMENT**

The proposal for a degree in Applied Mathematics shall be finalized and submitted to the relevant Committee for approval.

The teaching loads and duties of Faculty members in Mathematics continue to be very heavy. It is important to recruit more faculty members in several areas, notably analysis and partial differential equations. Without this, it would be impossible to relieve faculty from some teaching of service courses; and allow them time to propose more elective courses in the field, especially at the graduate level.

F. Abi-Khuzam  
Chair

## DEPARTMENT OF PHILOSOPHY

### **A. SUMMARY OF PROGRAMS**

Over the past four years, enrollments in the Department of Philosophy have almost doubled, from 559 in 2000-2001 to 1055 in 2003-2004 (a net increase of 89%). This sharp rise in the number of students taking philosophy courses is due to a number of factors, including: the liberalization of the FAS curriculum whereby major requirements have been reduced in most departments, the replacement of the CVSP requirement with a humanities requirement (two courses in CVSP and two other humanities courses), and the fact that Philosophy 210 (Ethics) is now required of some students in FEA, among other factors. Meanwhile, the number of philosophy majors and minors has also registered a modest increase, with a total of 15 students currently enrolled at the graduate and undergraduate levels. This also represents a four-year high, though one should not attach great significance to fluctuations in these small numbers.

The department was joined by two visiting faculty members during 2003-2004, and expects to be joined by two permanent faculty members during the coming academic year. Dr. Jay Gupta (Ph.D., University of Toronto) joined the department for the entire year and filled a gap in teaching Hegel and post-Hegelian Continental philosophy, including a course on the Philosophy of History and another on Existentialism. For the spring semester, we were fortunate to be joined by a visiting professor from the University of Virginia as part of AUB's exchange program with UVA. Prof. Jorge Secada, who specializes in early modern philosophy, particularly Descartes' metaphysics, made a considerable impression on faculty and students, despite the fact that he was only with us for one semester, teaching a survey course on the History of Modern Philosophy, and an upper-level seminar on the Historiography of Philosophy.

In fall 2004, we expect to be joined by two new faculty members, who will bring much-needed expertise in their areas of specialization. Dr. Joshua Andresen (Ph.D., Northwestern University) specializes in Continental Philosophy, from Nietzsche to the present; he also has a strong area of competence in feminist philosophy. Dr. Hans Muller (Ph.D., University of North Carolina, Chapel Hill) works primarily in the philosophy of mind, with a particular emphasis on emotions.

The Philosophy Department hosted a number of distinguished guest speakers in the course of the year. Our most distinguished guests, Prof. Martha Nussbaum (University of Chicago) and Prof. Richard Rorty (Stanford University), were invited with the help of other units on campus. Prof. Nussbaum was invited thanks to the University Research Board's visiting scholar program, delivering a lecture entitled "Compassion and Terror" to a broad audience and a more specialized talk to members of the department during the fall semester. Her visit was co-sponsored by the newly-established Center for American Studies and Research (CASAR). CASAR also supported the visit by Prof. Rorty in the spring. In addition to delivering a well-attended public lecture entitled "Is There a Conflict between Science and Religion?", he spent a week in Beirut, gave a presentation to the department, attended an upper-level seminar on Pragmatism, and had wide-ranging conversations about his work with students and faculty. The Philosophy Symposium hosted a number of other speakers this academic year: Dr. Saul Fisher (Mellon Foundation), Prof. Antonia Lolordo (University of Virginia), Prof. Jorge Secada (University of Virginia), and Prof. Thomas Pogge (Columbia

University). Meanwhile, the Philosophy Circle, a series of informal presentations on philosophical topics by students and faculty alike, continues to meet on an occasional basis and to generate enthusiastic discussions.

## **B. PERSONNEL**

### **1. Faculty Members**

<b>Faculty Members</b>	<b>Rank</b>	<b>Degree</b>
Dean, Richard	Assistant Professor	Ph.D.
Gupta, Jay	Visiting Assistant Professor	Ph.D.
Haydar, Bashshar	Associate Professor	Ph.D.
Khalidi, Muhammad Ali	Associate Professor and Chairman	Ph.D.
Koons, Jeremy	Assistant Professor	Ph.D.
Nasr, Waddah N.	Associate Professor and Associate Provost	Ph.D.
Osborne, Gregg	Assistant Professor	Ph.D.
Secada, Jorge <sup>2</sup>	Visiting Associate Professor	Ph.D.
Agha, Saleh <sup>2</sup>	Instructor	Ph.D.
Arawi, Talia <sup>2</sup>	Instructor	M.A.
Samaha, Raed	Instructor	M.A.

### **2. Graduate Assistant**

Ms. Leila Ezzedine <sup>52</sup>	B.A.
Mr. Shant Yacoubian <sup>1</sup>	B.S.
Mr. El Ali Rami <sup>2</sup>	B.A.

### **Student Employment**

Ms. Leila Soleh <sup>16</sup>
Mr. Karim Haddad <sup>1</sup>
Ms. Rita Bassil <sup>2</sup>

### **3. Non-Academic Staff**

Rawas Samar	Secretary
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## **C. TEACHING**

### **1. Number of Graduating Majors:**

B.A	October 2003	--
	February 2004	1
	June 2004	2

<sup>5</sup> First semester

<sup>6</sup> Second semester

M.A.		--
<b>TOTAL</b>		<b>3</b>

2. **Number of Majors Enrolled:**

Graduates	4
Prospective Graduates	4
Juniors	2
Seniors	3
Sophomore	3
<b>TOTAL</b>	<b>16</b>

3. **Student Enrollment in Courses:**

	<b>Summer 2003</b>	<b>Fall 03-04</b>	<b>Spring 2004</b>	<b>Total</b>
Courses numbered 300 and above	-	9	9	18
Courses numbered 211 trough 299	-	167	152	319
Courses numbered 200 trough 210	50	133	332	515
Courses numbered below 200	-	126	77	203
<b>Total</b>	<b>50</b>	<b>435</b>	<b>570</b>	<b>1055</b>

4. **Number of Credit Hours Offered:**

	<b>Summer 2003</b>	<b>Fall 03-04</b>	<b>Spring 2004</b>	<b>Total</b>
Courses numbered 300 and above	-	9	6	15
Courses numbered 211 trough 299	-	21	18	39
Courses numbered 200 trough 210	6	15	36	57
Courses numbered below 200	-	15	6	21
<b>Total</b>	<b>6</b>	<b>60</b>	<b>66</b>	<b>132</b>

**D. RESEARCH**

**Dean, Richard**

*The Value of Humanity in Kant's Moral Theory*. I completed this book manuscript in late summer 2004. The manuscript has passed the initial phase of consideration by the philosophy editor at Oxford University Press, who has sent the manuscript on to two referees for further consideration.

I have been invited to write a chapter on the humanity formulation of Kant's Categorical Imperative, for inclusion in *Blackwell Companion to Kant's Ethics*, published by Blackwell. The chapter is to be finished by December 2004; the book will appear in 2005.

"Are All Animals Constructed Equal?" a paper on the moral status of animals is currently under review at *Pacific Philosophical Quarterly*.

## Gupta, Jay

**1. Reasons and Causes, a book project undertaken with Professor Karim Dharamsi, University of Winnipeg.**

We are editing a collection of philosophical essays designed to shed light on methodological difficulties in the social sciences that arise from a poorly worked out distinction between the normative concept of giving and asking for reasons, and concepts of natural causation. Our approach is broadly historical, beginning with Aristotle and ending with contemporary philosophers and social scientists. We believe that this text will be useful for students of philosophy and the social sciences who desire a philosophical background to social scientific methodology.

We are finalizing the list of essays to be included. Broadview Press has expressed interest in this project.

**2. Presenting a paper at the Conference on Violence in the Middle East at L.A.U.: "Freedom of the Void: Hegel and Nietzsche on the Politics of Nihilism". A version of this paper will be submitted to Telos: A Quarterly Journal of Critical Thought.**

Hegel believed that the merely negative conception of freedom as freedom from any particular worldly content has catastrophic consequences in the spheres of politics and religion. Nietzsche in a sense shared this belief, in the form of his critique of nihilism. I examine the discussions of both thinkers, and make some conjectures based on those discussions about the theocratic nihilism that appears to be at least partly behind the events of 9/11.

**3. "Hegel on Logic, Determinacy, and Cognition", published in Philosophical Forum, March 2004 (spring 2004)**

This paper examines how Hegel's theory of determinacy, developed in his Science of Logic, grounds a non-metaphysical conception of cognition. Metaphysical conceptions of cognition are conceived as having sui generis form-giving capacities that stand in principled separation from a sort of "content-conferring" determinacy located in the world. Once we have rejected this metaphysical picture of cognition, this opens up the possibility that determinacy may be thinkable without first presuming a consciousness-world distinction. Hegel believes that if determinacy is genuinely thinkable absent this distinction, a legitimate theoretical backdrop may be established for seeing how distinctively psychological items, for example 'concepts', are not only at home in the natural world, but in a sense presuppose it. Cognitive items and processes are seen from this vantage to be highly evolved, determinate instances of the same sorts of things and processes that occur in less developed and determinate way in the rest of nature.

## Haidar, Bashshar

**1. "Poverty and Global Responsibility".**

This paper focuses on problems pertaining to determining the relative degree of moral responsibility of domestic and national factors versus global ones for existence of extreme poverty. There are two main interrelated questions that need to be addressed in this regard. First, on what grounds should we determine the degree of responsibility of the global versus domestic factors for cases of extreme poverty? Second, what degree or kind of responsibility does there need to be in order to

maintain that the institutional order in question is causing and not simply failing to prevent the poverty in question? (Work in progress)

2. **The Good, the Bad, and the Funny: The Ethics and Aesthetics of Humor," Forthcoming in *Monit*, January 2005.**

This paper focuses on the ethics of jokes and tries to draw connections between that issue and the question of the ethical dimension of humor in art. This inquiry is part of a larger investigation in aesthetics on the relation between artistic and moral value generally.

**Khalidi, Muhammad Ali**

"Literal and non-literal discourse in Fārābī's *Book of Letters*"

In Fārābī's work, *The Book of Letters (Kitāb al-Hurūf)*, he discusses the conditions under which philosophy may be translated from one culture to another. He implies that when translating philosophical concepts from one language or culture to another, one sometimes makes use of popular terms because of the broader connotations associated with those terms. In response to the claim that philosophical terms should not be borrowed from other more popular contexts to avoid confusing the philosophical concept with the popular one, he states that this resemblance to popular meanings has a certain pedagogical utility when teaching a novice in philosophy. However, this concession to the non-literal aspect of the meaning of philosophical concepts threatens Fārābī's official view that philosophy is a demonstrative discipline, which is entirely literal and contains no metaphorical or allegorical discourse. The aim of this paper will be to see whether these two views can be reconciled.

"Essentialism and categorization in scientific theories"

"Essentialism" means different things in different contexts. In the philosophy of science, it amounts to the view that some scientific categories are more natural than others and that they are somehow truly reflective of a thing's nature. Despite the unpopularity of essentialism in other disciplines, it continues to have many defenders in the philosophy of science. I have argued in previous work that there can be crosscutting classification schemes of a certain scientific domain, and that these classification schemes can coexist comfortably since they relate to different interests. I have also distinguished such crosscutting schemes from incommensurable schemes. In this article, I intend to show how these crosscutting taxonomies count against certain forms of essentialism.

**Koons, Jeremy**

1. **Pragmatic Reasons: A Neo-Pragmatist Defense of Morality and Epistemology** (manuscript completed and awaiting revision)

A book manuscript defending a novel, non-relativistic version of pragmatism with regard to moral and epistemic discourse.

Research made possible by a Hewlett Foundation Research Leave Grant for the Spring 2003-2004 semester.

2. **"Does the Moral Motivation Debate Rest on a Mistake?"** (manuscript under review)

A traditional puzzle in ethics is how normative judgments can motivate. I argue that this puzzle arises from misunderstanding the connection between moral judgment and action.



3. "Conservatism, Contextualism and the Diachronic Nature of Epistemic Justification" (manuscript completed and awaiting revision)  
I argue that the diachronic nature of justification underlies both conservatism and contextualism, and rationality requires not foundations, but revisability.
4. "Reduction Fails in Morality and Epistemology". (manuscript nearly complete)  
I will argue that reductionist accounts of morality and epistemology fail, because the arguments that support reductionist accounts of morality and epistemology both require and forbid a reductionist theory of meaning.

### **Osborne, Gregg**

1. "Two Major Recent Approaches to Kant's Second Analogy"  
This article deals with two of the most influential interpretations of Kant's Second Analogy of Experience to emerge in the last several decades; those of Paul Guyer and Beatrice Longuenesse. It holds that the interpretation of Guyer leaves Kant with an argument which seems to be sound but is also sorely lacking in substantive power while that of Longuenesse leaves him with an argument which would have much greater substantive power but does not seem to be sound. The challenge faced by those who would defend the Second Analogy, it therefore concludes, is to show that the strengths represented by the approach of Guyer and the strengths represented by the approach of Longuenesse can somehow be combined. This article is forthcoming in *Kant-Studien*.
2. "Kant's Answer to Hume; Humean Responses to Part of that Answer"  
Kant's case in support of the claim that there cannot be an event which does not have a cause is generally read as an answer to Hume's contention that this claim is not amenable to proof. There are, however, at least three other respects in which it might serve as an answer to Hume. Its nature is such, moreover, that it might in principle provide a cogent answer to Hume in these other respects even if it fails to achieve its stated objective (that of proving that there cannot be an event which does not have a cause). The aim of this paper is to show that this is so and to explore several Humean responses to the part of Kant's case on which that answer would rest. The resulting dialectic serves to isolate an issue on which a great deal of Kant's case turns out to depend. This article is under review by the *Journal of the History of Philosophy*.
3. "A Fair Cop? Kant's Attack on Reid, Oswald, Beattie, and Priestley"  
Kant's *Prolegomena to Any Future Metaphysics* features a biting attack on four thinkers who were very prominent at the time but are now little read. This article considers the nature and justice of that attack in a great deal of detail and comes to the conclusion that it is largely ill-founded. This article too is under review by the *Journal of the History of Philosophy*.

## **E. OTHER STAFF ACTIVITIES**

### **Dean, Richard**

1. "Building Moral Robots," scheduled for presentation at The Second Annual Conference for New Directions in the Humanities, Prato, Italy, July 2004.

### **Haydar, Bashshar**

1. Coordinator of the Philosophy Symposium.

### **Khalidi, Muhammad.Ali**

1. "The Light of Reason and the Right of Return," invited talk on panel entitled "Can Reason Be a Basis for Dialogue in the Middle East?" American Philosophical Association, Central Division Meeting, Chicago, April 2004.
2. Refereed articles for *Philosophy of Science* (journal of the Philosophy of Science Association)
3. Member, Committee for International Cooperation, American Philosophical Association
4. Member, Program Committee, Cognitive Science Society Annual Conference, Chicago 2004
5. "A Critique of the Lebanese High-School Curriculum in Philosophy" (in Arabic), UNESCO Philosophy Day conference, Beirut, November 2004.
6. Member, University Senate
7. Acting Chair, FAS Curriculum Committee
8. Member, Steering Committee, Center for American Studies and Research (CASAR)
9. Refereed articles for *al-Abhath* (journal of the Faculty of Arts and Sciences)

### **Koons, Jeremy**

1. Attended the XIV Inter-University Workshop on Philosophy and Cognitive Science (Murcia, Spain, 15-17 March 2004).
2. Presenting a paper ("Reduction Fails in Morality and Epistemology") at the 2004 Meeting of the Society for Exact Philosophy (University of Maryland; College Park, Maryland; 14-16 May 2004).

### **Nasr, Waddah**

1. Associate Provost as of October 1, 1999.
2. Member, The Lebanese National Advisory Committee on Bioethics
3. Member, The Council of Foundation of the International Baccalaureate Organization (IBO). I am also a member of the Education Committee of the Council, and a member of the Regional Advisory Committee of the IBO for Africa, Europe, and the Middle East.
4. Serves on the Editorial Board of the Journal of Research in International Education, published by Sage Publications.

### **Osborne, Gregg**

1. Member, Faculty of Arts and Sciences Research Committee
2. Freshman Advisor

## **F. PUBLICATIONS**

### **Koons, Jeremy**

1. "Consensus and Excellence of Reasons," *Journal of Philosophical Research* 28 (2003), pp. 83-103.
2. "Why Response-Dependence Theories of Morality are False," *Ethical Theory and Moral Practice* 6:3 (September 2003), pp. 275-294.

## **G. FUTURE DEVELOPMENT**

Over the past few years, plans for future development have often been put on hold because the Department of Philosophy has been plagued by a shortage of staff. Since the department expects to have seven full-time professorial rank faculty members as of Fall 2004, we can begin to consolidate and develop long-term strategies in a number of areas. Several strategic goals can be identified that need to be addressed over the next few years:

- Streamlining the graduate program and taking measures to ensure that students can fulfill all requirements for the MA degree in two years.
- Enhancing cooperation with other departments in the university (co-teaching courses, cross-listing courses, organizing inter-disciplinary lectures or conferences, etc.).
- Creating a support system for research and publication, and exploring possibilities for joint research projects among faculty members in the department.
- Creating opportunities for sharing teaching experiences, experimenting with new teaching techniques, and establishing a system of peer evaluation of teaching.
- Increasing the number of philosophy majors and minors, and keeping better track of former students and their career paths.

The department does not yet have long-term plans in any of these areas and the time seems propitious to begin to develop such plans.

M. A. Khalidi  
Chair

## DEPARTMENT OF PHYSICS

### A. SUMMARY OF PROGRAMS

This year has been particularly exciting for the graduate program in Physics for two reasons. Out of the 18 graduate students, five have completed the requirements for the M.S. degree in Physics having performed research work in a variety of fields such as non-linear and stellar dynamics, polymer physics, and experimental thin film physics. In addition, the Department has formed a committee that is working on preparing its proposal for a Ph.D. program in Physics according to the guidelines of the State Education Department of the University of the State of New York. Physics is one of the four departments in FAS that are pursuing the relaunching of Ph.D. programs.

At the undergraduate level, the Department has pursued the growth and development of its programs. New advanced courses have been offered in Planetary Science and Cosmology & Relativity and novel computer-assisted experiments have been introduced in the undergraduate lab. courses.

One new faculty member, Prof. D. Polyakov, has joined the Department as a Visiting Assistant Professor while Prof. Christidis has been appointed Assistant to the Dean on Laboratory Affairs.

In terms of research equipment, the Department has received a new one-meter focal distance optical spectrometer along with an ICCD camera. These instruments will be used to perform time resolved spectroscopy and imaging on pulsed plasmas.

Some of the Physics faculty presented their research work in the year-long Materials Science Forum seminar series which was held at AUB. This Forum was jointly organized with the Chemistry Department and it included presentations from local and international speakers.

### B. PERSONNEL

#### Faculty Members

Abou Ghantous, Michel <sup>1</sup>	Ph.D. Lecturer
Bitar, Khalil	Ph.D. Professor (Dean FAS)
Bodakian, Berjouhi <sup>1</sup>	Ph.D. Lecturer
Chamseddine, Ali <sup>2</sup>	Ph.D. Professor (Director CAMS till December 2003)
Christidis, Theodore	Ph.D. Associate Professor
El-Eid, Mounib <sup>5</sup>	Ph.D. Professor
Isber, Samih	Ph.D. Assistant Professor
Klushin Leonid	Ph.D. Associate Professor
Polyakov, Dimitri	Ph.D. Visiting Assistant Professor
Sabra, Wafic <sup>2</sup>	Ph.D. Professor (Director CAMS starting January 2004)
Tabbal, Malek	Ph.D. Associate Professor (Acting Chairman starting September 2003)
Touma, Jihad <sup>2</sup>	Ph.D. Associate Professor

### Research Assistant (CRSL)

Rania El-Osta B.S.

### Graduate Assistants

Abdel-Hussein, Mroue<sup>3</sup> B.S.  
Atallah, Nada B.S.  
Ashkar, Rana B.S.  
Hannoun, Elias B.S.  
Itani, Haybat B.S.  
Madi, Charbel B.S.  
Majdalani, Elissar B.S.  
Mansour, Ahmad B.S.  
Mehio, Kawthar B.S.  
Obeid, Dina<sup>3</sup> B.S.  
Said, Aurore<sup>3</sup> B.S.

### Lab Instructors

Bali, Joseph<sup>4</sup> Senior, Physics major  
Hassan, Rabih B.S. & B.E.  
Obeid, Dina<sup>4</sup> B.S.  
Said, Aurore<sup>4</sup> B.S.

### Non-Academic Staff

Abi Falah, Jumana	Secretary	Physics Office
Gabriel, Yousef <sup>6</sup>	Senior Technician	Machine Shop
Issa, Wassim	Senior Technician	Teaching Labs
Jirjis, Antoine	Senior Technician	Machine Shop
Kadi, Nazih	Senior Technician	Teaching Labs
Sawaya, Boutros	Glass blower	Glass Shop

## C. TEACHING

### 1. Number of Graduating Majors

B.S.	Oct. 2003	none
	Feb. 2004	1
	June 2004	5
M.S.	Oct. 2003	none
	Feb. 2004	none
	June 2004	5

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<sup>1</sup> Part-time

<sup>2</sup> Position shared between Physics and CAMS

<sup>3</sup> 1<sup>st</sup> Semester only

<sup>4</sup> 2<sup>nd</sup> Semester only

<sup>5</sup> On paid leave 1<sup>st</sup> Semester

<sup>6</sup> Starting April 1, 2004

## 2. Number of Majors

	<u>Summer 2003</u>	<u>Fall 2003/2004</u>	<u>Spring 2004</u>
Graduates	-	18	18
Seniors	-	7	9
Juniors	-	12	15
Sophomores	2	13	6
	<hr/> 2	<hr/> 50	<hr/> 48

## 3. Student Enrollment in Courses

<u>Courses numbered</u>	<u>Summer 2003</u>	<u>Fall 2003/2004</u>	<u>Spring 2004</u>	
<u>Total</u>				
300 and above	-	34	27	61
211 through 299	100	718	409	1227
200 through 210	152	380	354	886
below 200	20	35	162	217
	<hr/> 272	<hr/> 1167	<hr/> 952	<hr/> 2391

## 4. Number of Credit Hours Offered

<u>Courses numbered</u>	<u>Summer 2003</u>	<u>Fall 2003/2004</u>	<u>Spring 2004</u>	<u>Total</u>
300 and above	-	21	15	36
211 through 299	16	71	42	129
200 through 210	18	36	29	83
below 200	5	3	21	29
	<hr/> 39	<hr/> 131	<hr/> 107	<hr/> 277

## D. RESEARCH

### Theodore Christidis

1. Paramagnetic defects in carbon based thin films
2. Pulsed laser deposition of SiC and CrO<sub>2</sub> thin films
3. Magnetic properties of Nd-doped Bismuth silicate.

### Mounib El-Eid

1. M.F. El-Eid, B. Meyer\*, L. The\*. (2004). Evolution of Massive Stars Beyond Oxygen Burning. *Astrophysical Journal* (in press – 18 pages). This article deals with the complex structure of advanced evolutionary phases of massive stars. It can be considered to be on the frontier of the research in this field.
2. M.F. El-Eid, L. The\*, B. Meyer\*. (2004). S-process Nucleosynthesis in Advanced Burning Phases of Massive Stars. (Paper completed to be submitted to *Astrophysical Journal*). This paper deals with the complex feature of the

slow n-capture processes leading to formation of heavy elements like Sr and Kr in massive stars. It is based on the stellar models obtained in the paper under (a).

3. L. The\*, M.F. El-Eid, B. Meyer\*. (2004). Nucleosynthesis Yield from Exploding Massive Stars. (In preparation). This paper will deal with the yield of all relevant light and heavy nuclei from exploding massive stars known as supernova explosions of type II.

#### Project in Progress

“On the Origin of the A+B Pre-Solar Grains.” This project is devoted to the study of some peculiar pre-solar grains believed to be formed in particular red giant stars. These grains are found in “Meteorites” and show peculiar isotopic anomalies. They help to get basic insight in the structure of the contributing stars. The project has been formulated as a proposal to the US National Science Foundation (NSF) and has been submitted last year in November. It has received two referee’s report of good standard, with some constructive comments. Although it has not been approved this first time, it has been recommended to me to submit it next November 2004.

#### Samih Isber

1. S. Isber, M. Tabbal and T. Christidis, and M. Ishii. Crystal field investigations and magnetic properties of  $\text{Nd}^{3+}$  doped  $\text{Bi}_4\text{Si}_3\text{O}_{12}$  high energy scintillators. Paper in preparation.
2. S. Isber, M. Tabbal, T. Christidis, F. Terki and S. Charar. “Exchange Coupling in Spins Quartet of Dimeric Polyoxoanions  $[\text{M}_4(\text{H}_2\text{O})_2(\text{GeW}_9\text{O}_{34})_2]^{12-}$  ( $\text{M} = \text{Mn}^{2+}, \text{Cu}^{2+}$ )”. Submitted for publication, Journal of Magnetism and Magnetic Materials.
3. S. Isber, R. Awad, A.I. Abou-Aly, M. Tabbal and J. M. Kaouar. Electric Resistivity and Magnetic Susceptibility studies of High Temperature Superconductor Tl-1223 substituted by Cobalt. Paper in preparation.

#### Leonid Klushin

1. Adsorption of regular and random copolymers. Project in progress.
2. Effects of geometry on the fluorescence energy transfer at macromolecular interfaces. Project in progress.  
A grant proposal is under preparation  
Co-investigator: O.V. Tcherkasskaya, (Georgetown University, USA)
3. Stable and metastable states for polymers at interfaces. Project in progress. A paper accepted by Phys. Rev. E. Another paper submitted to Europhys. Lett. Co-investigators: A. Skvortsov (Chemical-Pharmaceutical Academy, St. Petersburg, Russia) F. Leermarkers (Wageningen University, Netherlands)

#### Dimitri Polyakov

Fluid Mechanics of NSR Superstrings (in preparation) CONFORMAL MODULI AND B - C PICTURES FOR NSR STRINGS (submitted to Int. J. Mod. Phys A; Archive: hep-th/0401009).

### **Malek Tabbal**

1. Correlation between phase microstructure and physical properties of amorphous carbon nitride: article in preparation.
2. Chromium oxide thin films deposition by laser ablation of  $\text{Cr}_2\text{O}_3$ : in progress
3. Optical emission spectroscopy of low pressure  $\text{N}_2$  microwave surface wave plasmas: in progress.

## **E. OTHER ACTIVITIES**

### **Ali Chamseddine**

Director, Center for Advanced Mathematical Sciences (CAMS until January 2004)

### **Theodore Christidis**

1. "Investigation of  $\text{sp}_2$  domains in un-hydrogenated carbon nitride thin films by temperature dependent EPR and conductivity measurements", *Diamond 2003 Conference*, Salzburg, Austria (September 2003). With M. Tabbal, S. Isber and S. Rizk.
2. Assistant to the Dean for Laboratory affairs
3. Majorless Science Advisor.
4. FAS representative, REP Coordinating Committee
5. Member, University Senate

### **Mounib El-Eid**

1. Chairman of Physics till February 2004 (Fall 2003/2004 on paid research leave).
2. Member of Advisory Committee till October 2003.
3. Member of the Task Force 10 (Faculty) for Accreditation.
4. Advisor for graduate students till October 2003.
5. International conference on "Mathematics and Nuclear Physics and Applications in the 21<sup>st</sup> Century," Cairo, Egypt (March 8-13, 2004). Organized by the Atomic Energy Authority of Egypt. Invited talk on "Heavy Element Production in Massive Stars."
6. Workshop on "Stars and Nuclei," Grenoble, France (March 4-5, 2004). Organized by LAOG, University of Grenoble. Invited talk on "Advanced Burning Phases of Massive Stars."
7. Twelfth Workshop on "Nuclear Astrophysics," Ringberg; Bavaria/Germany (March 22-29, 2004). Organized by the Max Planck Institute for Astrophysics, Garching, Germany. Invited talk on "New Results on the s-process in Massive Stars."

### **Samih Isber**

1. Member, Central Science Research Laboratory, FAS.
2. Member, Curriculum Committee, FAS.
3. Advisor, Physics Majors.



### Wafic Sabra

1. Director of CAMS since January 2004.
2. Acting Chairperson of A&S graduate committee

### Malek Tabbal

1. Presentations:
  - a. **M. Tabbal**, T. Christidis and S. Isber, M. A. El Khakani, P. Mérel, and M. Chaker “Correlation between the  $sp^2$  phase microstructure and physical properties of  $CN_x$ ”, oral presentation at European Materials Research Society (E-MRS) Spring Meeting, Strasbourg (France), May 2004.
  - b. **M. Tabbal**, S. Kahwaji, T.C. Christidis, S. Isber, B. Nsouli, K. Zahraman, “Growth of Chromium oxides by Laser Ablation of  $Cr_2O_3$ ”, oral presentation at European Materials Research Society (E-MRS) Spring Meeting, Strasbourg (France), May 2004.
  - c. **M. Tabbal**, A. Said, T.C. Christidis, S. Isber, “Amorphous to crystalline phase transition in pulsed laser deposited SiC, poster presentation at European Materials Research Society (E-MRS) Spring Meeting, Strasbourg (France), May 2004.
  - d. T.C. Christidis, **M. Tabbal**, S. Isber, J.C. Orlianges and A. Catherinot, “EPR studies of metal doped carbon films”, poster presentation at European Materials Research Society (E-MRS) Spring Meeting, Strasbourg (France), May 2004.
  - e. **M. Tabbal**, P. Mérel and M. Chaker, “Effect of process parameters on the mechanical properties of carbon nitride thin films synthesized by plasma assisted pulsed laser deposition” oral presentation at 7<sup>th</sup> Conf. On Laser Ablation (COLA '03) Crete (Greece), October 2003.
2. Acting Chair of the Physics Department.
3. Member of the Medical Admission Committee.
4. Member of the FAS Students Affairs Committee.
5. Member of the FAS Administrative Committee.
6. Consultant for the Dhofar University project (REP).
7. Freshman Science Advisor.
8. Member of the American Vacuum Society (AVS).
9. Member of the European Materials Research Society (E-MRS).
10. Reviewer for Thin Solid Films.
11. Reviewer for Applied Physics A.
12. Facilitator for the “Faculty Seminar on Teaching 2004” at AUB.

## F. PUBLICATIONS

### Theodore Christidis

1. **T. Christidis**, M. Tabbal, S. Isber and S. Rizk, “Temperature dependence of the electron paramagnetic resonance of unhydrogenated carbon nitride”, *Diamond Relat. Mater.* **13**, 1561 (2004).
2. M. Tabbal, **T. Christidis**, S. Isber, M. A. El Khakani\*, P. Mérel\*, and M. Chaker\*, “Graphitic nanoclustering in pulsed laser deposited amorphous carbon and carbon nitride thin films” *Thin Solid Films*, **453-454**, 234 (2004).

### **Samih Isber**

1. T. Christidis, M. Tabbal, S. Isber and S. Rizk, “Temperature dependence of the electron paramagnetic resonance of unhydrogenated carbon nitride”, *Diamond Relat. Mater.* **13**, 1561 (2004).
2. M. Tabbal, T. Christidis, S. Isber, M. A. El Khakani\*, P. Mérel\*, and M. Chaker\*, “Graphitic nanoclustering in pulsed laser deposited amorphous carbon and carbon nitride thin films” *Thin Solid Films*, **453-454**, 234 (2004).

### **Leonid Klushin**

1. L. Klushin, O. Tcherkasskaya\*. *Effects of molecular distribution on the fluorescence energy transfer: Exact results for slab geometry*, J. Chem Phys. **119**, 3421, 2003.

### **Dimitri Polyakov**

1. Kogan, I\*, Polyakov, D. Ghost-Matter Mixing and Feigenbaum Universality in String Theory. Published Phys. Atom. Nucl.66:2062-2069, 2003.
2. Chaichian, M\*, Polyakov, D., Tureanu, A\*. Non-commutativity and Ramond–Ramond fields. Published Phys. Lett. B553:301-308, 2003.

### **Wafic Sabra**

- a. J. T. Liu, **W. A. Sabra** and W. Y. Wen, Consistent reductions of IIB\*/M\* theory and de Sitter supergravity, JHEP 0401 (2004) 007.
- b. S. L. Cacciatori, D. Klemm and **W. A. Sabra**, Supersymmetric Domain Walls and Strings in D=5 gauged Supergravity coupled to Vector Multiplets, JHEP 0303 (2003) 023.
- c. W. A. Sabra, Curved Branes in AdS Einstein-Maxwell Gravity and Killing Spinors, Phys.Lett. B552 (2003) 247-254.
- d. W. A. Sabra, Magnetic Branes in d-dimensional AdS Einstein-Maxwell Gravity, Phys.Lett. B545 (2002) 175-182.
- e. M. Gutperle and W. A. Sabra, Instantons and Wormholes In Minkowski and (A)dS Spaces, Nucl.Phys. B647 (2002) 344-356.
- f. S. Cacciatori, A. H. Chamseddine, D. Klemm, L. Martucci, W. A. Sabra and D. Zanon, Noncommutative Gravity in two Dimensions, Class.Quant.Grav. 19 (2002) 4029-4042.

### **Malek Tabbal**

1. T. Christidis, M. Tabbal, S. Isber and S. Rizk, “Temperature dependence of the electron paramagnetic resonance of unhydrogenated carbon nitride”, *Diamond Relat. Mater.* **13**, 1561 (2004).
2. M. Tabbal, T. Christidis, S. Isber, M. A. El Khakani\*, P. Mérel\*, and M. Chaker\*, “Graphitic nanoclustering in pulsed laser deposited amorphous carbon and carbon nitride thin films” *Thin Solid Films*, **453-454**, 234 (2004).

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\* Not Associated with A.U.B.

## **G. FUTURE DEVELOPMENT**

The Department should capitalize on the momentum it has gained in terms of activity at the graduate level. The course offering at the graduate level should be enlarged and diversified. Courses that so far have been offered as Selected Topics should become regular courses and more effort should be made to attract good candidates for graduate study. The Ph.D. proposal should be finalized in the very near future. Such a step could have a significant impact on research in Physics, especially in this part of the world. In addition, the Department should also hire at least one new faculty member in Experimental Physics. Stronger research collaborations between theoretical and experimental physicists and with faculty in other departments and faculties at AUB should be encouraged.

M. Tabbal  
A/Chair

# **POLITICAL STUDIES & PUBLIC ADMINISTRATION**

## **A. SUMMARY OF PROGRAMS**

Following the completion of the revised curriculum in the graduate and undergraduate programs, the Department of Political Studies & Public Administration has offered several new courses this year. Student enrollment has continued to increase, particularly in the graduate program, and several graduate students affiliated with the Center for Arab and Middle Eastern Studies (CAMES) have enrolled in courses in Political Studies. Faculty members have supervised an increasing number of MA Theses by CAMES students.

Faculty members have been engaged in research and have published books and articles dealing with Lebanese and regional politics, including Islamist movements, governance, political parties, electoral politics, and e-government. They have also participated in international conferences and contributed to Videoconferencing programs which involved AUB and universities in Europe and the United States.

Two visiting faculty joined the PSPA Department this year: Professor Yezid Sayigh, a specialist in Security Studies and International Relations, and Professor Nawaf Salam, who specializes in International Law and Politics. They have contributed to the enhancement of the course offerings. Dr. Judith Harik, who taught in the Department for over twenty years, resigned this year.

The Department received a large number of applications for faculty positions in Political Studies and Public Administration. Dr. Karim Makdisi, a specialist in Environmental Policy from Tufts University's Fletcher School of Diplomacy and formerly with ESCWA, will join the department next year. Moreover, Professor Theodor Hanf, a scholar of world renown in comparative ethnic conflict, will also join the department next year as a Visiting Professor.

The Department hosted several activities, notably four public lectures: On Conflict with Dignity by Rajmohan Gandhi; On Iraq by Professor Peter Sluglett from the University of Utah; on Post-September 11 Radicalism by Professor Amin Seikal from the Australian National University; on Corruption in Contemporary Politics by Fredrik Galtung, in collaboration with Transparency International. On June 8, 2004 the Department organized a one-day seminar in collaboration with the Royal Institute of International Affairs (London) and the Center for Lebanese Studies (Oxford) on "Policy Agendas, Conflicts and Fallout in the Middle East". Specialists from Britain, Saudi Arabia, Syria, Iran, and Lebanon spoke in the seminar and topics included the Iraq war, the Arab-Israeli conflict, and US foreign policy.

A notable development this year was the activation of the PSPA Student Society. Activities organized by the Society include the following: three lectures were given by former Prime Minister Salim al-Hoss, Deputy Ghinwa Jalloul, and Dr. Jon Alterman from the Center for Strategic and International Studies in Washington DC; a film festival with the AUB Cine Club; the hosting of students from the Young Professional Association; and the initiation of an internship program which

established links with NGO organizations in Lebanon. The latter program has already facilitated employment and/or training of ten students in local and international NGOs based in Beirut.

Finally, as in previous years, several of our graduate and undergraduate students were accepted in programs in Political Science and Public Administration in leading universities, including Indiana University, London School of Economics, Georgetown University, and McGill University.

## **B. PERSONNEL**

### **Academic (full-time)**

Antoun, Randa	Ph.D.	Lecturer
El Khazen, Farid	Ph.D.	Professor, Chairman
Hamzeh, Nizar	Ph.D.	Associate Professor
Khashan, Hilal	Ph.D.	Professor
Kisirwani, Marun	Ph.D.	Dean of Student Affairs
Krayem, Hassan	Ph.D.	Lecturer
Kulchitsky, Roman	Ph.D.	Assistant Professor
Moussalli, Ahmad	Ph.D.	Professor
Sadowski, Yahya	Ph.D.	Associate Professor
Salam, Nawaf	Ph.D.	Visiting Associate Professor
Sayigh, Yezid	Ph.D.	Visiting Associate Professor
Waterbury, John	Ph.D.	President of the University

### **Academic (part-time)**

Abul-Husn, Latif	Ph.D.	Lecturer
Bitar-Ghanem, George	M.A.	Instructor
Crumrine, Christine	Ph.D.	Lecturer
Fabri, Marguerite	Ph.D.	Lecturer
Hankir, Samer	MA	Instructor
Kheir, Wael	M.A.	Instructor
Makdisi, Karim	Ph.D.	Lecturer
Masri, Shafic	Ph.D.	Lecturer
Nakib, Khalil	Ph.D.	Lecturer

### **Research Assistants**

Bashir, Helen  
Kasaa, Sawsan

### **Graduate Assistants:**

Abboud, Katia  
Chedrawi, Laure  
Chidiac, Nadine  
Ghazaligil, Helena  
Haddad, Tania



Courses numbered below 200	11	52	40	<b>103</b>
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	<b>126</b>	<b>858</b>	<b>827</b>	<b>1811</b>

#### **4. Number of Credit Hours Offered**

	<u>Summer</u> <u>2002</u>	<u>1<sup>st</sup> sem.</u>	<u>2<sup>nd</sup> sem.</u>	<u>Total</u>
Courses numbered 300 and above	00	27	33	<b>60</b>
Courses numbered 211 through 299	15	63	54	<b>132</b>
Courses numbered 200 through 210	09	12	12	<b>33</b>
Courses numbered below 200	03	03	03	<b>09</b>
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	<b>27</b>	<b>105</b>	<b>102</b>	<b>234</b>

### **D. RESEARCH**

#### **El Khazen, Farid**

1. Research project on authoritarianism in the Arab world initiated at the European University Institute's fifth Mediterranean Social and Political Research meeting in March 2004.
2. Book Chapter on state failure in Lebanon in a collective work on State Failure and Terrorism edited by Tore Bjørge. (Norwegian Institute of International Affairs).

#### **Hamzeh Nizar**

1. *In the Path of Hizbullah*. Syracuse University Press, Forthcoming November 2004.
2. "Lebanon's al-Qaida: From the Inside Out. Under Consideration by *the Middle East Journal*.
3. The Doctrine of the Shiite Imamah and Holy War. Research is completed and writing of the manuscript is underway. (Book project).

#### **Khashan, Hilal**

1. Book project tentatively entitled Trends of Modern Shi'i Political Activism. In this work I compare and contrast the Iranian, Iraqi, and Lebanese patterns of activism and relate them to Shi'i religious doctrine to the extent they apply.

#### **Kulchitsky, Roman**

1. Knowledge and E-Government Initiatives: the Case of Jordan Revisited. This article is the output of my paper prepared for the *Conference on the Jordanian Economy in a Changing Environment*, sponsored by the Economic Studies Unit of the Center for Strategic Studies at the University of Jordan, Amman, Jordan, from 22-23 July 2003.
2. Intellectual Capital Development, Knowledge, and Educational Reform Strategies in the Arab Region. This article is the output of my paper (co-

written with Dr. Maen Nsour) for the *Middle East Studies Association Meeting*, Washington, D.C., November 23-26, 2002.

3. Knowledge Consequences of Positivist Assumptions in IT-for-Decision-Making Initiatives. This article was originally entitled, “Knowledge Consequences of Positivist Assumptions: Development Research and IT-for-Decision-Making Initiatives.” This paper has been rewritten to make a theoretical argument within the discipline.

#### Initial Exploratory Stage

1. Learning through Digital Technology: Video-Conferencing, Hypertext, and Game Simulations. The paper focuses on the potential of digital technology to transform learning in the classic German or British university sense of an intense, semi-public articulation. The paper examines the experiences of undergraduate and graduate students at the American University of Beirut from Spring, 2003 to Fall, 2004 with video-conferencing and web-based text chat, hypertext databases, and game simulations.
2. Why Use the Semantic Web in a Classroom Environment? This paper analyzes data generated by the semantic web database Professor Beydoun and I created using funds from my URB grant entitled, “Hyper-courseware for Information Communication Technology Supported Collaborative Learning Environments Project.”

#### Moussalli,Ahmad

1. A book on Globalization and Islamization (University Press of Florida, 2004). The book pinpoints and analyzes the phenomenon of Islamization in the globalized context and arrives at some conclusions regarding the inclusion and exclusion of Islam in the global context.
2. Six entries for the *Encyclopedia of the Modern Middle East and North\_Africa*, second edition, Macmillan Reference, USA.
3. An entry on Nationalism for *Encyclopedia of the Modern Islamic World*, Oxford University Press, Oxford.

#### Sadowski, Yahya

1. The Dance of the Scorpions: The Origins of “Soft States” in the Middle East. This is a book manuscript that I began writing in the spring of 2004 and will continue working on through the fall, with support from AUB’s “periodic paid research leave” program. Although the common wisdom continues to present strong states as a threat to both economic progress and political freedom, detailed studies have shown that weak states pose even more serious barriers to development. My research identifies the major obstacles to the formation of effective states in the Middle East (and, by inference, among late developing societies generally). It identifies common flaws that undermine a wide array of efforts at political and economic reform in the region, ranging from the International Monetary Fund’s –routine “structural adjustment” programs to awesome experiments in nation building such as the American occupation of Iraq.



### **Salam, Nawaf**

1. Implications of the Iraq war on the Middle East region. Forthcoming publication: Salam, Nawaf (ed.), *Le Proche-Orient à l'épreuve de l'Irak* (Paris, ActesSud-Sindbad, fall 2004)
2. Policy alternatives in post war Lebanon. Forthcoming publications: Salam, Nawaf (ed.), *Options for Lebanon* (London, I.B. Tauris / CLS, summer 2004) and Arabic edition, *Khayarat li-Lubnan* (Beirut, Dar An-Nahar, summer 2004)
3. The question of "Democratization" in the Middle East. Paper to be written in summer 2004. In press: "The Role of Money in Lebanese Elections" in *Electoral Reforms in the Arab World: Case Studies from Morocco, Tunisia, Egypt, Lebanon, and Bahrain*. Expected publication by IDEA, Stockholm, in June 2004 (Arabic version to be published by the Arabic NGO Network for Development in Beirut).
4. UN peace-building missions in the post cold war era. Research in initial phase. In Press: "What Possible Role for the United Nations in Iraq? Preliminary Thoughts in Light of Previous UN Peace Operations in Cambodia, Kosovo, East Timor, and Afghanistan" (Co-author with Karim Makdisi). Expected publication in June 2004 by UN / ESCWA, Beirut, in *Iraq and the Region after the War: Issues of Economic and Social Reconstruction* (Arabic version to be published simultaneously).

### **Savigh, Yezid**

1. Edited volume on 'The Military in the Politics and Economics of Middle East States'. I have written a first draft of the framework chapter for the book, and am running a workshop at CERJ (Paris) in June 2004 to discuss it and other chapters. The book will be co-edited with Dr John Sfakianakis (Harvard). I have not corresponded with publishers yet, but Lynne Rienner is a possible choice. I have not received any funding for this, though the original workshop from which the project emerged was funded by the Robert Schuman Center for Advanced Studies, European University Institute, Montecatini di Terme, 19-22 March 2003.
2. Single-author book on 'State-building under Arafat: Politics, Political Economy, and Society in Transition'. Research material compiled and now being processed. Cambridge University Press has already asked for the book. I have received academic writing grants from the MacArthur Foundation (Chicago, IL) and the Tamari Sabbagh Foundation to write this book.
3. Single-author book on the relationship between religion and nationalism in the context of global economic transformation, focusing on Islam and state/territorial nationalism in Arab/Muslim countries in the late Ottoman/early post-Ottoman eras (1880-1930) and the late 20<sup>th</sup> century. This is in the initial exploratory stage.

## **E. OTHER STAFF ACTIVITIES**

### **Farid el Khazen**

1. Paper Presenter: The Linkages Between Administrative Decentralization, Municipal, and Election laws, UNDP Workshop on Administrative Decentralization in Lebanon, October 15, 2003.
2. Paper presenter: Authoritarian regimes in the Arab World, University of Malta, International Conference on Human Rights and Asylum Seekers in the Mediterranean. November 20, 2003.
3. Lecture: Church and Politics, University of the Holy Spirit, December 16, 2003.
4. Gulf Research center, Dubai, Workshop on the Role of the European Union in the Gulf Region, January 7-8, 2004.
5. Paper Presenter: US Public Diplomacy in the Middle East, The Brookings Institution (Washington, D.C.), U.S.-Islamic World Forum, held in Doha/Qatar, January 10-11, 2004
6. Turkish Economic and Social Studies Foundation (TESEV), International Conference on Civil Response to Global Terrorism, Istanbul, Feb. 28-March 1, 2004.
7. Paper Presenter and Workshop co-director: Authoritarianism in the Arab world, European University Institute, Fifth Mediterranean Social and Political Research Meeting, Montecatini Terme, March 24-28, 2004.
8. The Royal Institute of International Affairs (London) and the Center for Lebanese Studies (Oxford), Workshop on Regional Developments in the Middle East, Minster Lovell, United Kingdom, April 19-20, 2004.
9. Lecture: Arab Politics in the Aftermath of the Iraq war The Cultural Foundation, Abu Dhabi, and the AUB Alumni Association (Abu Dhabi), May 2, 2004.
10. Lecture: Lebanon and the Region since September 11, International Reporting Project: Johns Hopkins University (SAIS), AUB, May 10, 2004.
11. Paper Presenter: Political and Security Change in Postwar Lebanon, The UCLA Burke Center for International Relations, Mideast Regional Security Workshop, Amman, May 17-20, 2004.
12. Lecture: Arab Reform Plans (The Alexandria Document), Université Saint Joseph (Beirut), June 4, 2004.
13. Lecture: The Arab-Israeli Conflict, Department of Political Studies and Public Administration (AUB) and the Royal Institute of International Affairs (London), Seminar on Policy Agendas, Conflicts and Fallout in the Middle East, Beirut, June 8, 2004.

### **Hamzeh, Nizar**

1. Lecture: "Hizbullah and Other Shiite Political Movements in the Middle East." International Reporting Project: Johns Hopkins University, School of Advanced International Studies and AUB/CAMES. AUB, Beirut, Lebanon, May 10, 2004.
2. Paper presenter: " Hizbullah: Trends and Prospects." American Task Force for Lebanon, Congressional Staff Delegation Program. American University of Beirut, Lebanon, May 26, 2004.

### **Khashan, Hilal**

1. Lecture at the Emirates Center for Strategic Studies (in Abu Dhabi), June 22-25, 2003.
2. Consultation services for Canadian Immigration Board, and refereeing services for Canadian Social Science Foundation and the Abu Dhabi University.

### **Krayem, Hassan**

1. Paper: "The Lebanese Experience of Reconstructing a Political System" IDEA Conference on IDEA's Programme on the Arab World. Hague, Netherlands. March 2004.
2. Revising and updating POGAR Website, The Programme on Governance in the Arab Region (POGAR), sponsored by the United Nations Development Programme's (UNDP) Regional Bureau for Arab States (RBAS), is dedicated to the promotion and development of good governance practices in the Arab states. Fall 2003.
3. Paper: "Democratization in the Arab World: Opportunities and Constraints", IFA Conference on Democracy in the Arab World. Berlin. Germany. November 2003.
4. Researching and Surveying Electoral Systems in 10 Arab Countries. A project sponsored by IDEA, UNDP, and EPIC. Summer 2003.

### **Moussalli, Ahmad S.**

1. Lecturer: Various lectures on U.S./Arab relations, Lebanon, Islamic movements, and the Arab-Israeli conflict at Syracuse University, Colgate University, and St. 2- Lawrence University, March 29-April 16, 2004.
2. Lecturer: "Changing Security Environment: Religion and Extremism," NATO Defense College, Rome, March 11, 2004.
3. Lecturer: "The Dialectics of Dialogue," Arab Forum on Education, Arab Thought Foundation and ISESCO, Beirut, February 20, 2004.
4. Lecturer: "Militant Islamist after the Invasion of Iraq," The Middle East after the Invasion of Iraq," Danish Foreign Ministry, Damascus, October 24-25, 2003.

### **Kulchitsky, Roman**

1. Panelist, "New Media and New Teaching for the Middle East and North Africa," organized by the National Institute for Technology and Liberal Education. L'Institut du Monde Arabe, and the American University of Paris, Paris, France, June 7-9, 2004.
2. "Computerization, Knowledge, and E-Government Initiatives: the Case of Jordan Revisited," presented at the *Conference on the Jordanian Economy in a Changing Environment*, sponsored by the Economic Studies Unit of the Center for Strategic Studies at the University of Jordan, Amman, Jordan, 12-13 May 2003.
3. Faculty Advisor, *Videoconferencing Lecture Initiative*, Spring, 2004 – present: An initiative, which attempts to create real-time dialogue between students and faculty around the world through videoconferencing events.

4. Faculty Advisor, *Solis Connect Program*, Spring, 2003 – present: A program that attempts to facilitate dialogue between students in the Middle East and students in the United State

#### **Sadowski, Yahya**

1. I spent most of the Fall semester acting as Chairman of the ad hoc Steering Committee for the AUB Center for American Studies and Research. This involved organizing a series of conferences with AUB students, faculty, non-AUB “stakeholders,” and regional and international American studies experts.

#### **Salam, Nawaf**

1. Iraq and the Region after the War: Issues of Economic and Social Reconstruction. (Organised by ESCWA, Beirut) [Paper presented] Summer 2003.
2. Electoral Reforms in the Arab World Organised by IDEA, Cairo [Paper presented] Summer 2003.
3. Member of the Lebanese National Commission of UNESCO

#### **Sayigh, Yezid**

1. Workshop organization:
  - ‘Peacekeeping in the Israeli-Palestinian Context’, Experts Forum IV, Cambridge Program for Security in International Society, Cambridge, 30 June-2 July 2004.
  - -‘The Military and the Middle East State’, Centre d’Etudes et de Recherches Internationales, Paris, 7-8 June 2004.
  - ‘Peacekeeping in the Israeli-Palestinian Context’, Experts’ Forum III, Cambridge Program for Security in International Society, Cambridge, 10-12 February 2004.
2. Consultancy:
  - Independent Task Force Follow-On Project on Strengthening Palestinian Public Institutions, ongoing (since September 1999). Funded by the European Commission and the Government of Norway.

## **F. PUBLICATIONS**

#### **El Khazen, Farid**

1. “Ending Conflict in Wartime Lebanon: Reform, Sovereignty and Power, 1976-1988”, *Middle Eastern Studies*, vol. 40, No 1 (January 2004): 65-84.
2. “*Political Parties in Postwar Lebanon: Parties in Search of Partisans*”, *The Middle East Journal*, vol.57, No.4, (Autumn 2003): 605-624.
3. “*The Postwar Political Process: Authoritarianism by Diffusion*”, in Theodor Hanf and Nawaf Salam (eds), *Lebanon in Limbo, Postwar Society and State in an Uncertain Regional Environment*. (Baden- Baden: Nomos Verlagsgesellschaft, 2003): 53-74.

4. "Patterns of State Failure: the Case of Lebanon", in Tore Bjorgo (ed.), *Root Causes of Terrorism* (Oslo: Norwegian Institute of International Affairs, 2003): 44 –50.
5. Entry on Musa al-Sadr and the Shia Community, *The Encyclopedia of Islam and the Muslim World*, 2004.
6. Hizbollah: "The Exception to the Norm," *Arab Reform Bulletin*, vol.2, issue 2 (February 2004): 4-5.

**Hamzeh, Nizar**

"Hizbullah's Victory Was No Surprise." *International Herald Tribune- The Daily Star*, May 2004.

**Khashan, Hilal**

"Collective Palestinian Frustration and Suicide Bombings," *Third World Quarterly*, vol. 24, no. 6, 2003, pp. 1049-1067.

**Krayem, Hassan**

1. *Ta'zeez Musharake't Al-mar'a fi Al-hokm Al-mahali wa Iqterah Tatbeeq Al-quota fi Lubnan*. [Enhancing Women's Participation in Local Government and the Proposal of Applying the Quota System in Lebanon] (Beirut, Friedrich Ebert and Center for Studies of Women Rights, Dec, 2003)
2. "Poverty and Democracy: The case of the Arab World" George Kosseifi, Antoine Haddad and Hassan Krayem, forthcoming. International Institute for Democracy and Electoral Assistance. (IDEA) Stockholm, Sweden, 2004.
3. "Good Urban Governance: A Conceptual Paper" ESCWA Publication, Beirut, ESCWA, UN.

**Moussalli, Ahmad**

1. *Encyclopedia of Islamic Movements in the Arab World, Iran and Turkey* (Arabic), (Beirut: Center for the Study of Arab Unity, 2004).
2. Paperback edition, 2003, *The Islamic Quest for Democracy, Pluralism, and Human Rights: From Classical and Medieval Roots to Modern Discourses* (Gainesville/FL, Florida University Press, 2001).
3. "Dialectics of Shura and Democracy," *Islamists and the Political Issue* (Beirut: Center for the Study of Arab Unity, 2003), pp. 41-66.
4. "The Causes for the Failure of Islamic Reformism," *Le Courant reformiste musulman et sa reception dans les societees arabes* (Damascus: Institut Francais du Proche-Orient, 2003), pp. 145-162.
5. "The Views of Islamic Movements on Democracy and Political Pluralism," *Islamic Movements: Impact on Political Stability in the Arab World*, Abu Dhabi, Emirates Center for Strategic Studies and Research, 2003), pp 113-156
6. "A View of on Crisis of Culture and the Intellectual," *Al-Ijtihad*, Vol. 15, no. 59-60, 2003, pp. 153-172.

## **Salam, Nawaf**

1. Co-editor with Theodor Hanf: *Lebanon in Limbo*. Postwar Society and State in an Uncertain Regional Environment (and Contributor: Chapter entitled: “Taif Revisited”) Baden-Baden, Nomos, Oct. 2003.
2. *L'accord de Taef. Un réexamen critique*, (Bi-lingual French/Arabic version of “Taif Revisited”, chapter previously published in Theodor Hanf and Nawaf Salam (eds.): - *Lebanon: A Century in Pictures / Liban: le siècle en images / Lubnan: al-qarn fi suwar* (Trilingual Arabic-French-English), co-editor with Fares Sassine, Dar An-Nahar, Beirut, 2003.

## **G. FUTURE DEVELOPMENT**

This was a fruitful year in the PSPA Department. The targets we set for ourselves were largely met both in terms of new and diversified course offerings and student performance and activities.

We will continue to enhance the lecture series and develop a research forum to provide further interaction between students, especially in the graduate program, as well as between students and faculty. We will also strengthen the student internship program initiated by the PSPA student society and establish ways of cooperation with students from other universities.

The Department has not been able to fill vacancies in Public Administration. Offers were made to qualified applicants but they opted for university positions in the USA. An effort will be made next year to meet departmental needs in this regard.

The Department will consider establishing partnerships with international NGO organizations dealing with Good Governance and Human Rights.

F. el Khazen  
Chair

# DEPARTMENT OF SOCIAL AND BEHAVIORAL SCIENCES

## A. SUMMARY OF PROGRAMS

The Department of Social and Behavioral Sciences offers two major programs at the undergraduate level, namely, Psychology and Sociology-Anthropology and four minor programs in Anthropology, Communication, Psychology and Sociology. At the graduate level, the Department offers MA degrees in Anthropology, Psychology and Sociology.

The following represent some of the new developments in the department:

**Policies and Procedures.** The department adopted a continuous quality improvement perspective for increasing effectiveness and efficiency in the administrative functioning of the department generally, and intradepartmental communication in particular. To this end, new academic program and student coordination structures were introduced and new written policies and procedures were drafted with input from both faculty and students.

**Curriculum Review.** Psychology and Sociology-Anthropology faculty reviewed their respective programs, and agreed to the use of the acronyms PSYC for psychology courses and SOAN for Sociology-Anthropology courses. As part of the curriculum review and refinement initiative, Psychology and SOAN faculty revised requirements for majors and minors in the four fields and introduced several new department-based or interdisciplinary courses including Introduction to Culture and Psychology, Introduction to Cognitive Science, Reading Other Cultures, Communication Campaigns and Sexuality and Society. While the curriculum review process was tedious and demanding, the outcome nevertheless proved highly rewarding.

**Web Page.** The Department launched its own web-page, after dedicated time and effort in this regard. Our address is <http://staff.aub.edu.lb/~websbs/>

**Graduate students.** After a hiatus of four years, four psychology students completed their requirements for the MA degree this year. As in other years, 2 SOAN graduate students fulfilled the requirements for the MA degree.

**Endowment Funds.** The Department was able to renovate the Symposium Room (Room 107a) in Jesup Hall from generous funds made available by Mrs. Nadine Khayat Safieddine in Memory of Hassan and Bashar Khayat. The Department's Beirut Lyons Club endowment fund in memory of Sheikh Fawzi Azar was also increased by Sheikh Nabil Azar (son of the late Sheikh Fawzi Azar) from \$5,000 to \$25,000 over the next three years. The Fawzi Azar Award recognizes the academic work of SBS graduate or undergraduate students, and supports graduate student research and travel to conferences for presentation of research papers. The 2003-2004 recipients of the Award were Racha Majed Hijazi, and Nadine Bikhazi-Kazan. Rayane Alamuddin was also awarded travel funds for the purpose of presenting a paper at an international conference.

**Psychology Colloquium.** A Psychology Colloquium series was initiated this year and proved to be highly successful. Virtually all colloquiums attracted large audiences, in some cases the audience exceeding 75 individuals. All colloquiums were organized by

psychology graduate students, and brought notable speakers from the AUB community, other Lebanese academic and service institutions, and the international community. Topics for the psychology colloquiums included Humor Styles and Psychological Well Being (Professor S. Kazarian, AUB), Skoun (Sarah Trad & Nadya Mikdashi), and Empathy and the Healing of Interpersonal Conflicts (Professor Jane Connor, Binghamton University of New York).

**Visiting Scholar.** Dr. Cynthia Belar (Executive Director, Education Directorate, American Psychological Association) visited the Department as part of the Provost's Visiting Scholar Program, presented a lecture sponsored jointly by the Department of Social and Behavioral Sciences, the Faculty of Health Sciences and the AUH Department of Psychiatry; and attended the inauguration of the Lebanese Psychological Association, a much needed professional organization whose seeds were sown on the campus of AUB.

## **B. PERSONNEL**

### **1. Faculty Members**

<u>Name</u>	<u>Degree</u>	<u>Rank</u>
Aamiry, Arwa	Ph.D	Senior Lecturer (Visiting)
Awaida, May*	Ph.D	Lecturer
Azzam, Intisar	Ph.D	Assistant Professor
Crumrine, Christine*	Ph.D.	Lecturer
Dabbagh, Salma	M.A.	Instructor
Dajani, Nabil	Ph.D	Professor
Faour, Mohamad*	Ph.D	Associate Professor
Farah, May*	M.A.	Instructor
Hage, Ghassan	Ph.D	Professor (Visiting)
Harb, Charles	Ph.D	Assistant Professor
Jureidini, Ray	Ph.D	Associate Professor
Kazarian, Shahe, Chairperson	Ph.D	Professor
Khalaf, Samir	Ph.D	Professor
King, Diane**	Ph.D	Assistant Professor
Merhej, Rita*	M.A.	Instructor
Nashabe, Omar	M.A.	Instructor
Nassif, Yasmine	M.A.	Instructor
Saadawi, Ghalya*	M.A.	Instructor
Smith, Richard	Ph.D	Associate Professor
Sukariyeh, Mohammed*	Ph.D.	Lecturer
Tarabey, Mahmoud*	Ph.D.	Lecturer
Tawil, Daoud*	Ph.D	Lecturer
Zebian, Samar	Ph.D	Assistant Professor

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\* Part -time

\*\* On leave second semester



## **2. Graduate Assistants**

Alamuddin, Rayane  
Assaf, Sahar  
Bikhazi-Kazan, Nadine  
Farkouh, Randa  
Issa, Marie-Anne  
Maalouf, Mariane  
Moghnie, Lamia  
Mroueh, Najwa  
Rebeiz, Maria  
Taher, Dana

## **3. Non-Academic Staff**

Baramakian, Maria                      Secretary

## **C. TEACHING**

### **1. Number of Graduating Majors:**

		Psychology	Sociology/Anthropology
B.A.	October 2003	22	-
	February 2004	8	-
	June 2004	-	-
M.A.	October 2003	-	-
	February 2004	2	-
	June 2004	2	2

### **2. Number of Majors:**

	<i>First Semester</i> 2003-2004		<i>Second Semester</i> 2003-2004	
	PSYC	SOAN	PSYC	SOAN
Graduates	19	9 (1 Anthr.)	16	12
Prospective Graduates	2	1	2	1
Seniors	20	3	21	4
Juniors	24	4	28	2
Sophomores	28	3	22	3
Freshman	3	-	1	-

### 3. Student Enrollment in Courses

	Summer 2003	Fall 2003	Spring 2004	Total
<b><u>Courses numbered 300 and above</u></b>	<b>2</b>	<b>70</b>	<b>49</b>	<b>121</b>
Courses numbered 211-199	58	429	310	797
Courses numbered 200-210	73	22	554	1149
Courses numbered 100-110	-	128	104	232

### 4. Number of Credit Hours Offered

	Summer 2003	Fall 2003	Spring 2004	Total
<b><u>Courses numbered 300 and above</u></b>	<b>3</b>	<b>36</b>	<b>33</b>	<b>72</b>
Courses numbered 211-299	6	63	42	108
Courses numbered 200-210	6	9	12	27
Courses numbered 100-110	-	6	6	12

## D. RESEARCH

### Intisar Azzam

#### Manuscripts-in-preparation:

1. *Gender and Religion: The Experience of the Druze Women in 20<sup>th</sup> Century Lebanon*. Research grant from the Druze Heritage Foundation, London/Royal Institute for Interfaith Studies, Amman, Jordan 2002. Research completed and manuscript in preparation.
2. *Politics of Druze Endogamy in 20<sup>th</sup> Century*. UBR/ AUB Grant 1988. Continuing on a grant from Gassan Saab Foundation/Office of Grants & Contracts at AUB, January 2002. In progress.
3. *Religious Pillars of Practice among the Druze in Lebanon*. Research grant from the American Druze Foundation (ADF)/ Office of Grants & Contracts at AUB, January 2002. In progress.

### Nabil Dajani

1. "The Media Situation in Lebanon," (Arabic) chapter in Jayyusi, Lena (ed.), Media and Democracy, The Palestinian Institute for the Study of Democracy, forthcoming.
2. "Television in the Arab East," in Wasko, Janet (ed.) in *A Companion to Television*, Blackwell Publishing, forthcoming.
3. Presently in the final stages of completing a book, "Comparing Media from around the World" with Prof. Robert McKenzie. The book will be published by Allyn & Bacon Press.
4. Started, with Prof. Ilya Harik of Indiana University, the preparation to edit a festschrift in honor of the late Prof. Fuad Khuri. Already we have the agreement of ten international scholars to contribute to this volume.
5. Presently working on a book project on "The Role of the Media in the Arab East". The main theme of the book will be the need for national communication policies

and plans as well as the need for observing professional media ethics. The text will draw on firsthand information based on my professional experience of over forty years as a media practitioner, researcher of the role of the media in the Lebanese society and a friend and adviser to various media practitioners and officials. The material in the book will also draw on the analysis of available written material in both Arabic and English and on information collected through personal contacts with media sources.

### **Charles Harb**

#### Research- in- progress:

1. *Values in a representative sample of the Beirut population.* AUB-URB funded research project (January-September 2004).
2. *Social psychological survey in Iraq.* A social psychological survey of values, identities, well-being, and perception of justice among student samples from Baghdad, Mossul, and Basrah. **Collaborators:** Sarah al-Sarraf (AUB), Dr. Ronald Fisher (Wellington University), and Omar Nashabe (AUB). **Status:** in progress (data collection).
3. *Cultural display rules of emotions.* A cross-cultural investigation of cultural display rules of emotions. **Principal investigator:** David Matsumoto (San Francisco State University). **Status:** In progress (data collection).
4. *Organisation-culture and behaviour (OCAB).* An Industrial-Organisational research that employs a multi-level framework involving culture. **Collaborators:** R. Fisher (University of Wellington, NZ), M. C. Ferreira, E. M. L. Assmar (Universidade Gama Filho, Rio de Janeiro, Brazil), P. Redford (King Alfred's College, Winchester, UK). **Status:** In progress (data analysis).
5. *Rape and rape myths in Lebanon.* An investigation of cognitive schemas, demographic variables, personality factors, values and attitudes towards rape. The survey involves a representative national sample. **Collaborators:** Maria Rebeiz (AUB). **Status:** Research design stage.
6. *Social axioms and self-construals.* An investigation of the social axioms in a student sample in Beirut, and their relation to self-construals across cultures. **Collaborators:** Invited contribution by M. Bond, K. Leung et al. **Status:** Write up.

#### Manuscripts submitted:

1. Fisher, R., Ferreira, M. C., Assmar, E. M. L., Redford, P., & Harb, C. (in review). Organisational behaviour across cultures: Theoretical and methodological issues for developing multi-level frameworks involving culture. *International Journal of Cross-Cultural Management*.

#### Manuscripts- in- preparation:

1. Harb, C. "Social axioms and self-construals in a Lebanese student sample"
2. Fisher, R., & Harb, C. "Terrorism as targeted group violence: A social justice approach"
3. Harb, C., & Griffin, D. "Antecedent and religious differences in individualism and collectivism in Lebanon"
4. Harb, C., & Smith, P. B. "Values, Self-construals and social identity: A Cross cultural study in three Arab nations and the UK"
5. Harb, C., & Smith, P. B. "Culture, self and group: Harmonic congruence as predictor of life satisfaction"
6. Harb, C., Griffin, D., & Issa, M-A. "Cultural differences and the role of language: An empirical investigation"

### **Ray Jureidini**

1. "Middle East Guestworkers" in Matthew Gibney and Randall Hansen (eds.) *Global Migration in the 20<sup>th</sup> Century: An Encyclopedia* (Oxford: ABC-CLIO). Forthcoming.
2. "Sexuality and the servant: An exploration of Arab images of the sexuality of domestic maids living in the household", book chapter submitted for *Sexuality in the Arab World* edited by Samir Khalaf and Eugene Rogan.
3. "Diasporas, border crossings and the flexible boundaries of Arab families" book chapter submitted for *Arab Families*, edited by Suad Joseph, to be published by Syracuse University Press - Co-authors: Ibrahim Elnur, Eileen Kuttab, Judy Makhoul, Nadine Naber

#### **Work-in-progress:**

1. "A history of domestic service in Lebanon" as part of the subgroup on "Diasporas, Border Crossings and the Flexible Boundaries of Arab Families" with the *Arab Families Working Group*. Funding (\$102,000) received from the International Development Research Council (Canada) and Ford Foundation with collaborators, Ibrahim Elnur (AUC), Eileen Kuttab (Birzeit), Judy Makhoul (AUB), Nadine Naber (Michigan), Mona Khalaf (LAU).
2. "Domestic migrant workers in the Middle East: Becoming visible in the public sphere," International Collaborative Research Grant (\$35,000), from the Social Science Research Council. The research group: Ray Jureidini (AUB), Annalies Moors (University of Amsterdam), Ferhunde Ozbay (University of Istanbul) and Rima Sabban (University of Dubai).
3. "A social profile and analysis of foreign female domestic employees in Lebanon," Middle East Awards Grant (Population Council, Cairo Branch) (\$21,000).

### **Shahe Kazarian**

1. Kazarian, S.S. (in press) Assessment and treatment of children and adults. In: Evans, D.R. (Ed) The Law, Standards of Practice and Ethics in the Practice of Psychology. Second edition Emond Montgomery Publishing: Toronto.
2. Kazarian, S.S., & Martin, R. Structure of the Humor Styles Questionnaire-Armenian Version. Paper accepted for presentation at the Annual Meeting of the American Psychological Association, Honolulu, Hawaii, July 28-August 1, 2004.
3. Kazarian, S.S., & Martin, R. Humor Styles, Culture-Related Personality and Well Being among Armenians in Lebanon. Paper accepted for presentation at the Annual Meeting of the American Psychological Association, Honolulu, Hawaii, July 28-August 1, 2004.

#### **Work-in-progress:**

1. Kazarian, S.S. Family functioning, cultural orientation, and psychological well-being among university students in Lebanon. *Journal of Social Psychology*.
2. Kazarian, S.S. & Martin, R.A. Humor style, culture-related personality, well-being and family adjustment among Armenians in Lebanon. *International Humor Journal*.
3. Validation of Armenia and Arabic versions of the Humor Style Questionnaire.
4. Development and Validation of Arabic and English versions of a Fatalism Scale.
5. Analysis of Humor Styles in Lebanese jokes.

### **Samir Khalaf**

1. Re-writing draft of the first volume of a long-standing project (supported by a Lilly Endowment) on New England Missionaries. The book manuscript is now entitled *America as Soft Power: Protestant Missionaries and Cultural Change in the Levant*.
2. Draft of a book manuscript – *Cosmopolitan Beirut: Cultural Identities in a Postwar Setting* – has been accepted for publication (Saqi Books, London, 2005).
3. Submitted a research monograph – *The Bourj Reclaimed* – to Solidere.
4. Continued to co-ordinate research and fieldwork on “Euro-Med Voices,” a 3-year project (funded by the European Commission) to explore the invisible cultural heritage of Beirut.
5. Started preliminary work on soliciting and editing contributions to edited volume on *Sexuality in the Arab World*. The anthology is the outcome of the conference we hosted, jointly with St. Antony’s College, Oxford University. Saqi Books of London will be publishing the volume.

### **Diane King**

#### In Press:

1. Women, Gender and the Peace Movement: The Caucasus and Turkey. *In* Encyclopaedia of Women and Islamic Cultures, Suad Joseph, ed. Leiden: Brill Academic Publishers.
2. Women, Gender, Kinship and State: Arab States. *In* Encyclopedia of Women and Islamic Cultures, Suad Joseph, ed. Leiden: Brill Academic Publishers.
3. Women, Gender and Patronage and Clientage: Turkey. *In* Encyclopedia of Women and Islamic Cultures, Suad Joseph, ed. Leiden: Brill Academic Publishers.
4. Women, Gender and Peacekeeping and Conflict Management: The Caucasus and Turkey. *In* Encyclopedia of Women and Islamic Cultures. Suad Joseph, ed. Leiden: Brill Academic Publishers.
5. Women, Gender and the Peace Movement: Central Asia. *In* Encyclopedia of Women and Islamic Cultures, Suad Joseph, ed. Leiden: Brill Academic Publishers.

#### In Preparation:

1. Revision of the manuscript, *When Worlds Collide: The Kurdish Diaspora from the Inside Out*. Funded by a Hewlett Foundation Fellowship. Ongoing.
2. Data processing and analysis of “Kurdish Migration Histories,” an oral history research project. December 2003 - January 2004 travel to Iraq in support of this project. Funded by a Hewlett Foundation Fellowship and an AUB URB grant. Ongoing.
3. Supervision of translation (by AUB Press personnel) and editing of the book *Imarat Bahdinan* by Saddiq Damluji (1952, Mosul: Matba‘at al-Ittihad al-Jadidah). Translation funded by the Kurdistan Regional Government, Iraq. Translation is nearing completion; editing is ongoing.

### **Richard Saumarez Smith**

#### Work-in-progress:

1. “Land, society and state in Qada `Ajlun (north Jordan), 1870-1940”, in conjunction with Martha Mundy. This is a major long-term project begun before we came to AUB in October 1993. It involves analysis of all local documentation concerning four selected villages in north Jordan (Ottoman and Mandate land registers, census

- records, court records) for the period 1870-1940 from late Ottoman rule to the British Mandate, combined with interviews with older members of the villages. A joint monograph based on this work is nearing completion and we are at the stage of looking for a publisher. During summer 2004 we shall be writing a concluding chapter and I shall be drawing a number of genealogies and maps.
2. “Technologies of imperial rule”. I have been looking at the development of pivotal techniques of government administration in nineteenth century British India (cartography, land registration and the census) posing questions for comparison with Ottoman rule during the same period and relating it to ways of imagining society and to the rise of sociology. One article has been published this year on the topic.

### **Samar Zebian**

1. **MARAL: A Study of Mathematics Instructional Reform for All in Lebanon**

Co-principle investigators: Marj Henningsen, Department of Education, American University of Beirut and Samar Zebian, Department of Social and Behavioural Science, American University of Beirut.

Funding: Lebanese Centre for Policy Studies, URB, and private research grant.

Duration: Nov 2002-in progress

In this project the research focuses on understanding the extent to which students in Lebanese elementary classrooms are engaging in high level thinking, reasoning and communication in mathematics. The project also involves a teacher development component. To date two main observation cycles have been completed, and a technical report has been produced based on the observations. Below the current research projects are listed.

Current Projects:

**Study A:** An investigation of classroom practices that support and inhibit the development of higher order thinking in elementary mathematics: A national video study of mathematics education in Lebanon.

**Co-principle investigators:** Marj Henningsen, Samar Zebian,

**Collaborators:** Zeinab Zein, Inar Zein, Lamia Moghnie, Sarah Al-Sarraf

**Study B:** Sociomathematical norms in Lebanese classrooms and their relationship to higher order critical thinking in students: Some different conceptual starting points for mathematics teaching and learning.

**Principle Investigator:** Samar Zebian

2. **Influences of Directionality of Writing on Numeric processing**

**Principal Investigator:** Samar Zebian, AUB, SBS department

Funder: URB

Duration: Sept 2003-June 2004

The current study investigates the mental number line in groups that use either the English left-right writing system or the Arabic right-left writing systems. In addition to the theoretical significance, the current studies have implications for mathematics teaching and learning in Lebanon where many students are required to switched from the East Arabic notational system to the International Arabic system in grades three or five.

## Projects

**Study A:** The SNARC effect and the Reverse SNARC effect in three different number processing tasks: Number comparison, Number bisection, parity judgment: Attempts to replicate the Reverse SNARC effect.

**Study B:** Linkages between numeric thinking and spatial processing: Studying the influences of directionality of writing on quantitative thinking and number conceptualization among Arabic Monoliterates, English Monoliterates and Arabic-English Biliterate Students

### **3. Perspectives on the use of intellectual resources in the development of an appropriate psychology in the Arab speaking world: A case for grounding psychological research in culture and interdisciplinary approaches**

In this research and writing project, I offer a review of the psychological research on Arab peoples which examines its cultural appropriateness. I will use several theoretically motivated perspectives to: 1) offer a broad critique of the main challenges to psychological research on Arab peoples, 2) investigate notable research projects that provide potential models for an appropriate psychology of the Arab world, 3) consider the potential contributions of anthropological research to psychological research on Arabs, 4) explore the potential contribution of Arab psychology to international psychology, 5) Finally, I will offer a practical framework for moving beyond simplistic psychological caricatures of Arab peoples. Together these methods and perspectives will help focus our attention on essential factors for the continual development of psychology in the region.

#### Related projects

Alamuddin, R., Zebian, S., Maalouf, M., Chatila, Y. (2004). *An Empirical Assessment of the Process and Degree of Indigenization in Psychological Studies Conducted on Arab Samples in the Middle East and North Africa between 1950 and 2003.*

#### In Press:

Zebian, S. (in press). Coordinations and linkages between numeric and non-quantitative thinking: Ethnographic and experimental approaches to number conceptualisation. In. *Ongoing Themes in Psychology and Culture.* Kanisius, Yogyakarta, Indonesia.

#### Under Review:

Zebian, S. (under review). *Linkages between number concepts, spatial thinking, and directionality of writing: The SNARC effect and the REVERSE SNARC effect in English and Arabic monoliterates, biliterates, and illiterate Arabic speakers*

## **E. OTHER STAFF ACTIVITIES**

### **Nabil Dajani**

1. March 2004, presented a paper at the Fourth Annual BIMA Conference on “Media and the Transformation of Arab Societies, LAU, Beirut.
2. Presently involved with a UNDP project to review the curriculum of the Department of Journalism at Damascus University and to enhance the capacity of journalists within existing Syrian media institutions.

3. June 2004, participated in a one-day seminar on “Policy Agendas, Conflicts and Fallout in the Middle East,” organized by the AUB PSPA Department, the Oxford University Centre for Lebanese Studies, and The London University Royal Institute of International Affairs.

Other Professional Activities:

1. Member of the Board, Centre for Media Freedom in the Middle East and North Africa (CMF MENA).
2. Member, Advisory Council, International Resource Center for Democracy.
3. Member, Board of Trustees, International Center for Journalism-Information International Prize in Lebanese Investigative Reporting, 2000-present.
4. Associate Editor, Journal of Communication for Social Change.
5. Member of Editorial Board, The Journal of Global Communication Research.

Service to the University:

1. Arts and Sciences Advisory Committee.
2. Member, Accreditation Committee Task Force # 10.

**Charles Harb**

1. Undergraduate Program Coordinator  
Coordinator of the undergraduate program in psychology. Participated in the redrafting of the undergraduate program, proposing new core courses and their syllabi.
2. Curriculum Committee Member  
Curriculum committee member for the spring of 2003-2004.

Other Activities:

1. Executive committee member of the International Association for Cross-cultural Psychology (IACCP). Regional Representative of the Middle East and North Africa (IACCP-MENA)
2. IACCP coordinator for the organisation of the first MENA conference in Psychology (Dubai, December 2003).
3. Harb, C. (2003). Predictors of life satisfaction across-cultures: values and self-contruuals in student samples from the UK, Lebanon, Jordan, and Syria. Paper presented at the first Middle East and North Africa conference in Psychology (Dubai, UAE).
4. UNDP-ESCWA study  
Senior advisor on a democracy and good governance project commissioned by the United Nations’ Economic and Social Commission for Western Asia (ESCWA). (July to November, 2004).
5. NASMA project  
Founding and committee member of the NASMA “educational resources centre”. The centre is a non-profit NGO project to provide public school students access to resources (library, computers, audiovisual material) and various educational training programs (2003-2005).



## **Ray Jureidini**

### Presentations:

1. "Foreign Domestic Workers in Lebanon," Public Seminar, *Migrant Domestic Workers in the Middle East*, American University of Beirut, Lebanon, 24 January, 2004.
2. "Sexuality and the Servant: An exploration of Arab images of the sexuality of domestic maids living in the household" paper presented to the conference Sexuality in the Arab World, American University of Beirut, December 5-7, 2003.
3. "Gender and Migration in the Middle East," *Middle East Studies Association Annual Conference*, Workshop: "International Collaborative Research at a Time of Crisis," Anchorage, Alaska. 6-10 November, 2003.
4. "Human Rights and Foreign Contract Labour," Regional Conference on Arab Migration *in a Globalized World*, sponsored by the Arab League and the International Organization for Migration (IOM). League of Arab States Headquarters, Cairo, Egypt. Sept. 2-4, 2003.
5. "Human Rights and Migrant Domestic Workers in Lebanon." *Migration in the Middle East*, Insitut Francais du Proche-Orient (IFPO – formerly CERMOC), Amman, Jordan, June 14-19, 2003.
6. "Xenophobia in Arab Societies," International Experts Meeting, UNESCO, Hurights-Osaka and Japanese International Movement Against Discrimination and Racism (IMADR), Osaka, Japan. June 2-7, 2003.
7. "Migrant Labour: Xenophobia, Indenture and Trafficking in the Arab Gulf States," Fourth *Mediterranean Social and Political Research Meeting*, European University Institute, Robert Schumann Center for Advanced Studies, Montecatini Terme, Italy, March 19-23, 2003.
8. Invited by the U.S. State Department to participate in the international conference, "Pathbreaking *Strategies in the Global Fight Against Sex Trafficking*" in Washington D.C. – sponsored by the U.S. Department of State and the "War Against Trafficking Alliance" February 23-26, 2003.

### Committees:

1. Sociology/Anthropology Graduate Coordinator, SBS
2. Member FAS Student Affairs Committee
3. FAS representative on Senate Student Affairs Committee
4. Member, University Disciplinary Committee
5. Ex-officio Member, Senate Steering Committee on Promotions
6. Member, Employees Benefits Committee

### Other Activities:

1. Executive Editor, journal *Labour and Industry*
2. Editorial Board member, *Journal of Arabic, Islamic and Middle East Studies*
3. Member of AUB Choir and Choral Society

## **Shahe Kazarian**

### Presentations:

1. Kazarian, S.S. (2003). Horizontal and vertical individualism and collectivism among university students in Lebanon. Paper presented at the 8<sup>th</sup> European Congress of Psychology, Vienna, July 6-11, 2003.

2. Kazarian, S.S. (2003). Horizontal and vertical varieties of individualism and collectivism and interpersonal relating in Lebanon. Paper presented at the International Association of Cross Cultural Psychology 2003 Congress, Budapest, July 12-15, 2003.
3. Kazarian, S.S. & Khoury, B. (2003). Psychology in Lebanon: Challenges and Prospects. Paper presented at the First Middle East and North Africa Regional Conference of Psychology, Dubai, United Arab Emirates, December 13-16, 2003.
4. Kazarian, S. S., Khalaf, S., & Major, S. (2003). Sexual health and healthy sexuality: Contested cultural meanings and perceptions. Paper presented at the Sexuality Conference, Lebanon October 2003.

Other Activities:

1. Review of Research Submissions for University Research Board Founding and Executive Member, Lebanese Psychological Association
2. Chair, SBS Department
3. Honorary Advisory Board, Academy: The Universities News Magazine

**Samir Khalaf**

Presentations:

1. Coordinated and presented a paper (jointly with Professors S. Kazarian and S. Major) on *Sexuality in the Arab World* (December 5-7, 2003) AUB West Hall.
2. Presented a paper in AANA convention on *Shaping The Middle East: The Proven Impact of AUB* (N.Y. November 21, 2003).
3. Participated in the Forum on “Middle East and Korean Cooperation” American University of Cairo (Cairo, December 13, 2003).
4. Participated in the National Intelligence Council Workshop “2020 Project on The Middle East” (Wilton Park, Steyning, West Sussex, March 10-12, 2004).
5. Keynote Lecture, “ Spaces of the Lebanese Civil War”. Conference on *Sociology of the Lebanese Civil War Novel* (Anis Makdisi Program, AUB, May 14-16, 2004).
6. Presented paper “With Friend Like These: Reflection on Internecine Violence.” *Why Neighbours Kill* (University of Western Ontario, June 4-5, 2004).
7. Presented lecture “The Spaces of Postwar Lebanon” (N.Y.: City University of New York, June 8, 2004).
8. Participated in conference on “Euromed Heritage” (Rome, June 17-19, 2004).

Other Activities:

1. Director of Center for Behavioral Research
2. Continued to serve on following Editorial Boards:  
International Journals of Comparative Sociology  
International Review of Sociology  
Journal of Political Military Sociology
3. Continued to serve on the following Board of Trustees:  
 AMIDEAST (Washington, D.C.)  
 Human Rights Watch (N.Y.C)  
 Michel Chiha Foundation
4. Held preliminary session (in N.Y. June 7, 2004) to convene conference on “Public Sphere” to be hosted jointly with SSRC (AUB, October 22-24, 2004).
5. Appointed on International Jury for the Urban Design Competition for the Martyrs Square and the Grand Access of Beirut

## **Diane King**

### Presentations:

1. 2004 “Core Values in Iraqi Culture”: A two-day workshop for resettlement counselors, PVO/NGO staff members, and volunteers working with Iraqi populations. Presented in San Diego.
2. 2004“Patrons/Clients/Migrants: Accounting for Out-Migration from the Kurdish Region of Iraq.” Colloquium presented in the Socio-Cultural Anthropology Colloquium series, Department of Anthropology, UC San Diego.
3. 2004“Kurdish Approaches to Fate and Action.” Paper presentation sponsored by the Department of Sociology and Anthropology, Wheaton College.
4. 2004“Crisis and Subjectivity: Doing Fieldwork in Baathist Iraq.” Paper presented at the Annual Meeting of the American Ethnological Society, Atlanta.
5. 2003“‘Damascus Is Sweet, but the Homeland is Sweeter’: Return Migrants in Iraqi Kurdistan.” Paper presented at the 102nd Annual Meeting of the American Anthropological Association, Chicago. Funded by an AUB URB Faculty Development grant.

### Other Activities:

1. Editorial board member, *Berytus Archaeological Studies* journal
2. Research Associate, Center for Comparative Immigration Studies, UC San Diego

## **Richard Saumarez Smith**

1. Freshman advising and registration for the Arts. 2001-02, continuing from 1998.
2. Curriculum Committee, Faculty of Arts & Sciences, October 2003 to present.

## **Samar Zebian**

### Presentations

1. Henningsen, M., & Zebian, S. Research issues arising in qualitative research on mathematics education in Lebanese classrooms: The MARAL project as a case study. Science and Mathematics Education Conference, American University of Beirut, Beirut, May, 2004
2. Zebian, S., & Henningsen, M. (May, 2004). *Bringing together research, practice and development: Interdisciplinary approaches to mathematics education*. Psychology Colloquium Series Department of Social and Behavioral Sciences, American University of Beirut, Beirut, May 2004.
3. Zebian, S. (Sept. 2003). *Directionality of writing and the Spatial Numeric-Association Response Coding (SNARC) Effect: Why the relationship?* Symposium at the XIII conference for the European Society for Cognitive Psychology, Granada, Spain.

### Funding:

1. Mellon Foundation Summer Research Grant, Project Title “Perspectives on the use of intellectual resources in the development of an appropriate psychology in the Arab world: A case for grounding psychological research in culture and interdisciplinary approaches.”

## **F. PUBLICATIONS**

### **Nabil Dajani**

1. "Family and Courting Relationships in the Soap Operas of Three Arab Countries," (with D. Hakim), Journal of Social Affairs, spring 2004.
2. "A Critical Reading of the Arab Information" (in Arabic), as-Sahafa al-Lubnaniyah, Vol.50.

### **Ray Jureidini**

1. (with N. Moukarbel) "Female Sri Lankan Domestic Labour in Lebanon: Contractual, Slavery-like Practices and Conditions" in *Journal of Ethnic and Migration Studies*, Vol 30, No. 4, July, 2004.
2. "The Failure of State Protection: Household Guest Workers in Lebanon" ["L'échec de la protection de l'Etat : les domestiques étrangers au Liban"] in the *European Review of International Migration [Revue Européenne des Migrations Internationales]*, 2003, Volume 19, Number 3: pp. 95-127.
3. "Migrant Workers and Xenophobia in the Middle East", monograph in series: *Identity, Conflict and Cohesion*, Programme Paper Number 2, November, 2003, United Nations Research Institute for Social Development (UNRISD), Geneva. This paper is to be reprinted in 2004 as Chapter 2 in Y. Bangura (ed) *Racism and Public Policy*, Palgrave Press, London.

### **Shahe Kazarian**

1. Kazarian, S.S. & Martin, R.A. (2004). Humor style, personality and well-being among Lebanese university students. European Journal of Personality, 18, 209-219.

### **Samir Khalaf**

#### Books

1. *Lubnan fi Madar al'unf* (Arabic edition of *Civil and Uncivil Violence*, Dar an-Nahar 2003) 428 pages.

#### Articles:

1. "On Roots and Routes: The Reassertion of Primordial Loyalties" in Theodore Hanf and N. Salam (eds). *LEBANON IN POSTWAR LIMBO* (Bader-Bader: Nomos Verlagsgessellschaft, 2003): 87-106.
2. "The Radicalization of Communal Loyalties" in Thomas Scheffler (Ed). *RELIGION BETWEEN VIOLENCE AND RECONCILIATION*. (Orient-Institute, 2000). Beirut Texte Und Studien. Band 76: 283-299.

### **Diane King**

1. 2003 The Doubly Bound World of Kurdish Women. *Al Raida: Journal of the Institute for Women's Studies in the Arab World* 101/102:63-68.  
Reprinted in *VOICES: A Publication of the Association for Feminist Anthropology* 6(1):1-10.
2. 2002 [printed 2003] Kurdish Approaches to Fate and Action. *Journal of Kurdish Studies* 4:67-79.

### **Richard Saumarez Smith**

1. Richard Saumarez Smith, 2004, "Mapping landed property: A necessary technology of imperial rule?" in Huricihan Islamoglu (ed.), *Constituting modernity: Private property in East and West*, London: I.B. Tauris, for the European Science Foundation, pp. 149-179.

### **G. FUTURE DEVELOPMENT**

The department is considering the following future development:

- Recruitment needs.
- Consolidation and close monitoring of impact of SOAN and PSYC curricula changes.
- Need to convene close and transparent sessions for critiquing and up-lifting the quality of instruction to render courses more appealing to potential majors.
- Space needs.
- Rethinking delivery of introductory courses in psychology and sociology.

S. Kazarian  
Chair