

DEPARTMENT OF EDUCATION

Annual report

2007-2008

A. SUMMARY OF PROGRAMS

1. The number of majors averaged across the fall and spring semesters were as follows: BA (41), Teaching Diploma (36¹⁺), and Graduates (56).
2. Enrollment in education courses for fall and spring semesters was 1228 for undergraduate courses, 83 for graduate courses, and 77 for the summer 2007 term. In addition, 60 students were registered for theses and projects during fall and spring, while 1 in the summer. Total enrollment in graduate and undergraduate courses was 1448.
3. The Department organized one set of workshops between February 22 and March 15, 2008. Due to the unstable events in the country, the summer 2007 workshops were canceled; these will be resumed during the summer 2008.
4. The department finalized the new mission statement and program learning outcomes of the BA in Education.
5. The AUB/Arab Thought foundation research project started its second year. Nine schools from Lebanon, Jordan and Saudi Arabia have been selected to participate in the project.
6. One member of the Department wrote two research proposals and submitted them to UNICEF. Two other department members participated in writing the proposal.
7. SMEC organized its 10th Annual Science and Math Educators Conference during November 2007 and the science, math and technology fair in May 2008.
8. Departmental faculty members contributed heavily to the Faculty and University committees.
9. An Educators Award was initiated by two graduates of the department. Procedures for selecting the winners have been developed. The first award will be presented this year during the Pledge Ceremony.
10. Department Faculty members were involved in REP projects including the Dhofar University Project, the Al-Nibras Private School Project, the Tabuk University Project, and the Qatar University Project.

B. PERSONNEL

1. Faculty Members

Academic

Full time Faculty

Al-Hroub, Anies	Assistant Professor	Ph.D.
Amin, Tamer	Assistant Professor	Ph.D.
Banafa, Fahmi	Assistant Professor	Ph.D.
Bashshur, Munir	Professor	Ph.D.
BouJaoude, Saouma	Professor	Ed.D.

¹ Many students are presently completing the Teaching Diploma along with the Bachelors degree. During the academic year 2007-2008, around 32 students completing Bachelor's degrees were enrolled in the science, English, and math methods and practicum courses, courses that are required for completing a Teaching Diploma.

BouZeineddine, Amal	Lecturer	Ed.D.
El-Hassan, Karma	Associate Professor	Ph.D.
Ghaith, Ghazi	Associate Professor	Ph.D.
Jurdak, Murad	Professor	Ph.D.
Karami Akkari, Rima	Assistant Professor	Ed.D.
Mukallid, Samar	Lecturer	Ph.D.
Pederson, Patricia	Assistant Professor	Ph.D.
Vlaardingerbroek, Barend	Assistant Professor	Ph.D.

Part-Time Faculty

Abou Moussa, Richard	Lecturer	Ph.D.
Baasiri, Lutfieh	Instructor	B.A.
Bachour, Najla	Lecturer	Ph.D.
Deeb, Reem	Lecturer	Ph.D.
Ghussayni, Raouf	Associate Professor	.Ph.D.
Henningsen, Marjorie	Lecturer	Ph.D.
Istfan-Dabbous, Samira	Lecturer	Ph.D..
Khawli, Sawsan	Instructor	Ph.D
Mabrouk Sleiman, Majida	Instructor	M.A.
Mouhayyar, Rabi'	Lecturer	Ph.D.
Osman, Enja	Instructor (Coordinator of practice teaching)	M.A.
Safa, Ne'hme	Lecturer	Ph.D.
Shihab, Mahmud	Instructor	M.A.
Shukri Balaa, Rola	Instructor	M.A.

2. Graduate Assistants

First Semester

Abi Faraj, Nadine Atefa	Jabara, Lama
Bayoud, Jana	Jaber, Lama
El-Baba, Ilham	Moussali, Seba
El-Masri, Yasmine	Rizk, Nadya
Halwany, Sarah	Sayegh, Nisreen
Hannoun, Suzan	

Second Semester

Abi Faraj, Nadine Atefa	Ibrahim Nisrine
Bayoud, Jana	Jabara, Lama
Bazi, Monica	Jaber, Lama
El-Baba, Ilham	Rizk, Nadya
Halawi, Louma	Santourian, Garine
Halwany, Sarah	Sayegh, Nisreen
Hannoun, Suzan	

3. Non-Academic Staff

Department of Education

Kashou' Kabalan, Leila

Department Secretary

Kurfali, Youssef
To'meh, Munir

Department Technician
Department Messenger

SMEC

Abou Shakra, May
Hilu, Hanna

SMEC Secretary
SMEC Assistant Technician

Course Assignments Fall 2007 - 2008

Full Time Faculty members

Title	Name	Family	Status	Course No.
Dr.	Anies	Al-Hroub	FT	Educ. 215(2) Educ. 221 Educ. 225
Dr.	Tamer	Amin	FT	Educ. 257 Educ. 315
Dr.	Fahmi	Banafa	PT	Educ. 219 (1) Educ. 219 (2)
Dr.	Munir	Bashshur	FT	Educ. 211 (1) Educ. 211 (2) Educ. 303
Dr.	Saouma	BouJaoude	FT	Educ. 255 Educ. 305
Dr.	Amal	BouZeineddine	FT	Educ. 231 Educ. 245 Educ. 335
Dr.	Karma	El-Hassan	FT	Educ. 217
Dr.	Ghazi	Ghaith	FT	Educ. 243 Educ. 325
Dr.	Murad	Jurdak	FT	Educ. 227 (1) Educ. 227 (2) Educ. 227 (3) Educ. 253 Educ. 310
Dr.	Rima	Karami	FT	Educ. 213 Educ. 313
Dr.	Samar	Mukallid	FT	Educ. 222 Educ. 223 Educ. 330
Dr.	Patricia	Pederson	FT	On Research Leave
Dr.	Barend	Vlaardingerbroek	FT	Educ. 230(1) Educ. 230(2) Educ. 273

Course Assignments Spring 2007 - 2008

Title	Name	Family	Status	Course No.
Dr.	Anies	Al-Hroub	FT	Educ. 215 (2) Educ. 221

Dr.	Tamer	Amin	FT	Educ. 225 Educ. 267 Educ. 336
Dr.	Munir	Bashshur	FT	Educ. 211 (2) Educ. 316 Educ. 390H
Dr.	Saouma	BouJaoude	FT	Educ. 256 Educ. 263
Dr.	Amal	BouZeineddine	FT	Educ. 218 Educ. 268
Dr.	Ghazi	Ghaith	FT	Educ. 244 Educ. 261
Dr.	Murad	Jurdak	FT	Educ. 254 Educ. 321
Dr.	Rima	Karami	FT	Educ. 214 Educ. 224 Educ. 311
Dr.	Samar	Mukallid	FT	Educ. 223 Educ. 281 Educ.. 322
Dr.	Patricia	Pederson	FT	Educ. 251 Educ 326
Dr.	Barend	Vlaardingerbroek	FT	Educ. 230 (1) Educ. 230 (2) Educ. 274

C. TEACHING

1. Number of Graduating Majors

BA	Oct. 2007	1
	Feb. 2008	2
	June 2008	18
TD	Oct. 2007	5
	Feb. 2008	12
	June 2008	60
MA	Oct. 2007	7
	Feb. 2008	7
	June 2008	5

2. Number of Majors

	Summer 2007	Fall 2007-2008	Spring 2007-2008
Graduates	8	54	53
Teaching Diploma	8	37	37
Seniors	6	20	24
Juniors	2	11	11
Sophomores	-	11	5

* Many students are presently completing the Teaching Diploma along with the Bachelors degree. During the academic year 2007-2008, around 32 students completing Bachelor's degrees were enrolled in the science, English, and math methods and practicum courses, courses that are required for completing a Teaching Diploma.

3. Student Enrollment in Courses

	<u>Summer 2007</u>	<u>1st Sem.</u>	<u>2nd Sem.</u>	<u>Total</u>
Courses numbered 300 and above	-	48	35	83
Courses numbered 211 through 299	78	641	587	1306
Thesis and projects	1	24	36	61

4. Number of Credit Hours Offered

-	30	21	51
15	204	231	450
3	16	69	88

D. RESEARCH

Anies Al-Hroub

In press

- Al-Hroub, A. (to be published in Sep 2008). Developing assessment profiles for mathematically gifted children with learning difficulties in England. *Gifted Child Quarterly*.

Submitted

1. Al-Hroub, Anies (submitted in March 2008, under review). Analysis of WISC-III-Jordan for mathematically gifted students with learning disabilities. *Journal of Learning Disabilities*.
2. Al-Hroub, A. (submitted in Dec 2007, under review). Perceptual skills and Arabic literacy patterns for mathematically gifted children with learning difficulties. *The British Journal of Special Education*.

Published conference papers (refereed)

- Al-Hroub, Anies (June, 2007). Analysis of WISC-III-Jordan for the mathematically gifted with learning difficulties and the average-IQ of learning difficulties students in Jordan. The International Association of Special Education (IASE): Tenth Biennial International Conference, University of Hong Kong, proceeding paper.

Published conference papers (non-refereed)

- Al-Hroub, Anies (Aug, 2007). Identifying Mathematically Gifted Children with Learning Difficulties (MG/LD) in Jordan. The World Council for Gifted and Talented Children (WCGCT) 17th Biennial Conference, University of Warwick, England, August 8, 2007.

Tamer Amin

In Press

- **Amin, T.;** Leitão, S. & Da Rocha, J. (2008). Semiotic articulation of process and content in a high-school science activity: An integration of three perspectives. In C. Lightfoot (Eds.). *Challenges and Strategies for Studying Human Development in Cultural Contexts*. Book 2 of the *Mind, Culture and Development Series* (Sergio Salvatore and Jaan Valsiner, Series Editors). Information Age Publishers.

Submitted

- Submitted two manuscripts to the journals *Human Development* and *Educational Psychologist*. Both have been reviewed and are being revised for resubmission.

In preparation

- Invited to contribute a chapter to a book entitled: *Science Education in the Arab Region* (Edited S. BouJaoude and Z. Dagher (Eds.))
- Invited to contribute a chapter to a book entitled *Developing Methods in Psychology* (Edited by S. Sorgan and E. Abbey) to be published by Transaction Publishers.

Fahmi Banafa

In preparation

- The impact of the Internet and multimedia on pronunciation and oral communication of Arab college students learning English in the United States. Publishing House VDM Verlag Dr. Müller Aktiengesellschaft & Co. KG.

Saouma BouJaoude

In press

1. BouJaoude, S. & Attieh, M. (In press). The Effect of using Concept Maps as Study Tools on Achievement in Chemistry. *Eurasia Journal of Mathematics, Science and Technology Education*.
2. Xavier Roegiers, X., Gerard, F. M., BouJaoude, S. & Haidar, N. (In press). *A Dictionary of competencies: Trilingual Glossary of pedagogic terminology relating to the competency-based approach in the Lebanese educational system*. Beirut, Lebanon: Center for Educational Research and Development (CERD)/Ministry of Education and Higher Education.

Research Reports

- BouJaoude, S. (2007). *Improving Science Education in the Arab States: Lessons Learned from Education Practices in Four Developed Countries*. Report presented at the Expert Group Meeting organized and sponsored by the UNESCO Office, Cairo, Egypt on December 15, 2007 in Amman Jordan (With contributions from Dr. Zalpha Ayoubi, Lebanese University).

Conference Proceedings (Refereed)

- Jurdak M., BouJaoude S. & Norma Ghumrawi N. (2007). Comparison of mathematization in microcomputer based laboratory (MBL) and verification – Type laboratory (VTL) in physics. In Pitta-Pantazi, P. & Philippou, G. (Editors), *Proceedings of the Fifth Congress of the European Society for Research in Mathematics Education*, pp. 2110-2119. Larnaka, Cyprus: European Society for Research in Mathematics Education and Department of Education, University of Cyprus.

Research in progress

1. BouJaoude, S. &Dagher, Z. Science education in the Arab Region. This is an edited book that will be published by Sense Publishers (USA). The book will include chapters on Education in the Arab Region, the Impact of Contextual Variables on Science Achievement in the Arab Countries: Results from TIMSS 200, Language of Instruction and Science Education in the Arab Region: Toward a Situated Research Agenda, Nature of Science Features in Curriculum Standards of Some Arab Countries, Professional Growth through Engagement: Overcoming Bureaucratic and Personal Barriers Associated with Top-Down Models of Teacher Professional Development in Egypt, Role of an International Organization in Promoting Science Education in the Arab Region, Religion and Science Education in Egypt, Science Education Research in Lebanon: Trends and Issues, Status of Science Education in Jordan, Science Education Development in the Sultanate of Oman, Science Education Reform in the United Arab Emirates: Issues and Challenges, Outcome of a Half-Century of Science Education in North Africa: 1956-2006, Hegemony of the “Method” in Science Education Research in the Arab Region, Towards productive research models in the Arab region
2. BouJaoude, S. Theistic, agnostic, and atheistic notions of biological evolution: Exploring Lebanese students’ understandings of Evolution. A research study that is being conducted in Collaboration with science educators at McGill University Canada.
3. BouJaoude, S. Intermediate students’ epistemological views of science. Data for this study were collected and are being analyzed at the present time.
4. Jurdak, M. & BouJaoude, S. Evaluation system in Lebanon. A chapter being prepared for publication in an edited book entitled “*Secondary school external examination regimes: A global view of a robust educational phenomenon*” (Editor: Barend Vlaardingerbroek, Publisher: Cambria Press, Inc.).

Karma El-Hassan

- Working on a chapter in an international handbook to be published spring 2009 on ‘Learning in Middle School’.

Murad Jurdak

In press

- Jurdak, M. & Nakhal, R. (in press).The impact of a Cabri learning environment on students’ level of reasoning. *International Journal of Mathematical Education: Policy and Practice*.

Published conference papers (refereed)

1. Jurdak M., BouJaoude S. & Norma Ghumrawi N. (2007).Comparison of mathematization in microcomputer based laboratory (MBL) and verification – Type laboratory (VTL) in physics. In Pitta-Pantazi, P. & Philippou, G.(Editors), *Proceedings of the Fifth Congress of the European Society for Research in Mathematics Education*, pp. 2110-2119. Larnaka, Cyprus: European Society for Research in Mathematics Education and Department of Education, University of Cyprus.
2. Jurdak, M.(2008). Equity-in-Quality: Toward a theoretical frame work. In Matos, J.F., Valero, P.& Yusukawa (Editors), *Proceedings of the Fifth International Mathematics and Society Conference*, pp 56-73. Lisbon: Centro de Investigacao em Educacao, University de Lisbon-, Learning and Philosophy, Aalborg University.

Rima Karami

Research in progress

1. Lebanese School principal's role conceptions. Investigates the roles conceptions of school principals in a sample of Lebanese schools.
2. TAMAM: The case of an initiative for promoting school based reform. Collected data and wrote a draft of a paper analyzing the initiation stages of the TAMAM Project, a research project on educational reform in the Arab States.
3. Leadership Challenges: The case of a Lebanese women school administrator. Analyzes gender issues in school leadership position in Lebanese schools.
4. Teacher's perspective on professional learning in a learning community school

Samar Mukallid

In press

Abdo, H, Mukallid, S., & Alameddine, R. (2008). School Counseling in Lebanon: Past, present and Future. *Developmental School Counseling*.

Research in progress

- Participating as a co-investigator in an NIH sponsored research project. The main investigator is Prof. Iman Nuwayhid, Faculty of Health Sciences, AUB. Project title is: The effect of toxic solvents on neurobehavioral functioning of working children in a socially disadvantaged area in North Lebanon. My responsibility is to administer the BARS, a computerized test battery designed to assess neurobehavioral functioning in the participating children. This research project is done in cooperation with Oregon Health and Science University (OHSU), Oregon, USA.

Patricia Pederson

In Press

1. Pederson, P.V. & Malone, V. (in press). Designing Assignments in the Social Studies to Meet Curriculum Standards and Prepare Students for Adult Roles. *The Clearing House*.
2. Pederson, P.V. (in press). Expanding Horizons by Linking Children's Knowledge to a New Culture: The United States and Lebanon. *The Geography Teacher*.

Research in progress

- Qualitative research study exploring Lebanese adolescents' conceptions of democracy.

Published conference papers (refereed)

- Pederson, P.V. (2007). Citizenship Education in a Multicultural Society: A United States Perspective. *Proceedings from the International and National Conference: Citizenship State Project for a New Society*. Holy Spirit University, Kaslik, Lebanon.

Barend Vlaardingerbroek

Research in progress

1. Analysis of Brevet results with Dr A-F Khoder of the Ministry. This research is analyzing the results of the Brevet class on official examination to identify trends in the results.
2. Carried out research on the Brevet Professionnel; paper under review.
3. Signed contract with Cambria Press for the production of an edited volume on external examination regimes worldwide; co-editing with Dr. Neil Taylor of the University of New England (Australia).

E. OTHER STAFF ACTIVITIES

Anies Al-Hroub

Grants

- Working on a research project entitled "Factor Analysis of WISC-III for Gifted and Gifted Children with Learning Difficulties" (URB grant, amount of grant = 3,935 USD, Date: January 1st, 2008).

Conferences

1. Anies Al-Hroub. Perceptual Skills and Arabic Literacy Patterns for Mathematically Gifted Children with Learning Difficulties. The International Conference on Special Education, Marmarise, Turkey, June 18-21, 2008.
2. Anies Al-Hroub. Programming Mathematically Gifted Children with Learning Difficulties. The International Conference on Special Education, Marmarise, Turkey, June 18-21, 2008
3. Assimina Tsimpidaki, Grigoris Mouladoudis & Anies Al-Hroub. In-service teachers' attitudes toward gifted children and gifted education: The Greek experience. The International Conference on Special Education, Marmarise, Turkey, June 18-21, 2008.
4. Anies Al-Hroub. Programming Mathematically Gifted Children with Learning Difficulties. The 11th International Conference of European Council for High Ability 2008 (ECHA 2008), Prague, Czech on Sep 16 – 20, 2008:
5. Psychometric versus Dynamic Assessment for Mathematically Gifted Children with Learning Difficulties. Submitted Abstract to the 34th Annual conference on Educational Assessment, Cambridge University, UK on Sep 7-11, 2008.

Service to the Department, Faculty, University and the Profession

Review of Articles:

1. Educating Children with Mild Intellectual Disabilities in Regular Schools in Jordan. *The Journal of the International Association of Special Education*, 25 pages.
2. Teachers' attitudes and concerns towards the inclusion of children with special needs into regular schools: A U.A.E. perspective. *The Journal of the International Association of Special Education*, 14 pages.

Supervision of Graduate Students:

- Students with accepted proposal
 - Zoya Yazbik
- Other students (Still working on their proposals)
 - Abir Tanir
 - Gina Shami
 - Yasmine Kreidie
- Thesis committee membership at AUB and other institutions - names of students:
 - Najla Mazeh
 - Lama Rawdah El-Balah
 - Imane F.Khrybani
 - Sara Mukallid

Consulting:

1. Diagnostician: assessing a number of students in the elementary level at Well-Spring School and the ACS
2. REP project: Designing a Diploma and MA program on Gifted and Talented Education in Sana'a University, Yemen.

Other Services:

- Department Committees: Secretary of the chairperson (Writing minutes of the departmental meeting)
- Member of the FAS Research Committee
- Service for a professional association

- Consulting Editor of the *Journal of International Association of Special Education*, Feb 2008 – Present.
- Member of the World Council for Gifted and Talented Children

Tamer Amin

Grants

- Long-term faculty development grant. I have applied for a long term development grant to spend a month and a half at the Faculty of Education, University of Cambridge to conduct research for a chapter I am writing on the history of the concept mental model in science and science learning. The URB decision regarding this grant is pending.

Service to the Department, Faculty, University and the profession

Supervision of Graduate Students:

- Students with accepted proposal
 - Bassem Malek
 - Dina Rawdah
- Thesis committee membership:
 - Salwa Maalouf
 - Reem El-Awar
 - Dima El- Zein
 - Sevine Nsouli
 - Souad Achkar
 - Lama Jaber
 - Nadya Rizk
 - Rayana Saad

Consulting:

- Performed three professional development workshops at Wellspring Learning Community. These meetings focused on supporting the school articulate and implement a bilingual education program.

Other Services:

- Science and Mathematics Education Center, Director
- Department Practice Teaching Committee, Chair
- Department Curriculum and Examination Committee. Community focusing on supporting the school with their bilingual education program.
- FAS Graduate Committee
- Unified Admissions Committee (FAS representative)
- Community Professional Service:
 - Co-Chaired the 10th Annual Science and Mathematics Educators Conference at AUB
 - Supported the Education Students Society in organizing the 14th Annual Science, Mathematics and Technology Fair at AUB.
 - Member of the organizing committee of “Days of Science” – a weekend of science related events aimed at bringing science to the general public. The event is sponsored by the Beirut Municipality under the auspices of the Lebanese Ministry of Culture in coordination with the Geneva Municipality.

Fahmi Banafa

Grants

- Received Faculty Junior Research Leave

Conferences

- Effect of interactive multimedia programs on Arab students' English pronunciation – International Technology, Education and Development Conference INTED 2008. Valencia, Spain. 3-5 March 2008.

Service to the Department, Faculty, University and the Profession

Supervision of Graduate Students:

- Thesis committee membership
 - Rana Nakhal defended her thesis in Jan. 2008 at AUB.

Self-Development Activities:

- Attended a workshop on Videograph integration in research held at AUB in Dec. 2007.
- Finished an intensive eight-week course (MVCR Online Overview Course) offered by the Illinois Online Network of the University of Illinois, USA with the purpose of developing expertise in e-learning and blended courses June-July 30, 2007.
- Attended workshops on the use of Moodle I & Moodle II and other computer applications.

Consulting:

- Consultation to assist in developing the Distance Learning Programs at the University of Sciences & Technology (UST)-Sana'a, Yemen 2007-2008.
- Lectures at the University of Sciences & Technology (UST)-Sana'a, Yemen in the Distance Education Programs July-September 2007.

Saouma BouJaoude

Grants

- BouJaoude, S., & Jurdak, M. (2007) (Co-Principal Investigators). *From research to practice: making a difference in the classroom*, a three year (\$750,000.00) research grant in Lebanon, Jordan, and Saudi Arabia.
- BouJaoude, S (2008). Theistic, agnostic, and atheistic notions of biological evolution: Exploring Lebanese students' understandings of Evolution. A research grant (\$6000.00) through a subcontract with McGill University, Canada.

Conferences

- Project on School-based reform in Arab countries (TAMAM Project). Paper presented at the fifth Arab Education Forum, Sukhirat, Morocco, April 2-4, 2008.
- BouJaoude S. & Jurdak, M. "Integrating physics and math through microcomputer-based labs (MBL): Effects on discourse type and quality and mathematization". Presented at the annual conference of the National Association for Research in Science Teaching (NARST), Baltimore, MD, March 30- April 2, 2008.
- Salloum, S. & BouJaoude, S. "Classroom talk: Analysis of a science teacher balancing teaching to the test and for conceptual understandings" presented at the annual conference of NARST, Baltimore, March 30 - April 2, 2008.

- Yacoubian, H. & BouJaoude, S. “The effect of reflective discussions following inquiry-based laboratory activities on students’ views of nature of science” presented at the annual conference of NARST, Baltimore, March 30 - April 2, 2008.
- BouJaoude and others. “Science education research traditions in Europe: Shedding light on didactics” symposium at the annual conference of NARST, Baltimore, March 30- April 2, 2008. I organized this seminar as a member of the NARST Committee on the History of Science Education. April 2008.
- BouJaoude, S., Jurdak, M., & Ghumrawi, N. (2007, August). *Discourse type and time use in microcomputer-based lab versus verification type lab in physics*. Paper presented at the biennial conference of the European Science Education Research Association (ESERA), Malmö University, Malmö Sweden. August 2007
- Participated in the *World Conference on Science and Technology Education*, July 8-12, 2007, Perth, Australia and the *UNESCO International Science Education Policy Forum* (July 13, 2007), Perth, Australia by invitation from UNESCO.

Service to the Department, Faculty, University and the Profession

Supervision of Graduate Students:

- Students with accepted proposal
 - Nadya Rizk
 - Lama Jaber
 - Reem Hamdan Awar
 - Maya Karam
 - Diana Sarieddine
- Thesis committee membership:
Member of the thesis committees of 8 students.

Consulting:

- Coordinated the AUB/QATAR university project
- Provided consultation to Dhofar University

Other Services:

- Chair, Department of Education, AUB
- Member FAS Advisory Committee.
- Chair of the University Learning Outcomes Organizing Committee.
- External examiner on the doctoral committee of Loyal Malkoun (Lebanese University and Université de Lyon, France).
- Member of the Executive Board of the National Association for Research in Science Teaching (NARST), USA and Co-International Coordinator and Co-chair of the International Committee of the same association.
- Consulting Editor for *International Review of Education*, Edited by the UNESCO Institute for Education, Hamburg, Germany
- Member of the Editorial Board of the *Eurasia Journal of Math, Science, and Technology Education*, Turkey.
- Member of the Editorial Board of the *Journal of Science Teacher Education*.
- Reviewer for *Electronic Journal of Literacy through Science*
- Reviewer for the *Journal for Research in Science Teaching*.
- Contributing International Editor, *Science Education*, USA.

- Member of the Editorial Board of International Journal of Environmental and Science Education (IJESE).
- Member of the Editorial Board of *Educational Studies: Theory and Practice* (Turkey)
- Member of the Editorial Board of the *International Journal of Excellence in Education*.
- Board of Governors, Brummana High School, Brummana, Lebanon.
- Consultant to Dhofar University (Through an AUB Project)
- Member in the following associations in the USA: National Association for Research in Science Teaching, National Science Teachers Associations, School Science and Mathematics Association, Association for Science Teacher Education, and American Educational Research Association.
- Member of the European Science Education Research Association.
- Member of the Lebanese Association for Educational Studies, Lebanon
- Co-Chaired the Organizing Committee of the 10th Annual Science and Math Teachers Conference.
- Gave a lecture on active learning in science, Education Forum, Amman, Jordan.
- Workshops (2) on Inquiry in Science – Qatar University College of Education
- Workshops (2) on Program Learning Outcomes – Qatar University Office of Faculty Instructional development.

Amal BouZeineddine

Consulting

- Developed seven sets of training manuals, each consisted of a trainer's manual and a trainees' manual:
 - Qatar University: Developing Course Learning Outcomes and Syllabus Design
 - Qatar University/College of Education: Bloom's Taxonomy and the Inquiry Model in the Arabic Classes/Middle School
 - Qatar University/ College of Education: Critical Thinking in the Arabic Classes/ Middle School
 - Amman Baccalaureate School: Differentiated Instruction for Teachers in the Middle and Secondary Schools
 - Education Development Center (EDC) US AID: Children's literature and literacy skills
 - Education Development Center (EDC) US AID: Big Books and Literacy Skills the Education
 - SCOPE , US- AID, for teachers of Arabic. Supervising Teacher Implementation of Critical Thinking in the Middle School;
- Proposed, designed and coordinated four workshops for Qatar University, Doha:
 - Interactive Lectures
 - Developing Course Learning Outcomes and Syllabus Design
 - Developing Program Learning Outcomes
 - Assessing Program Learning Outcomes
- Developed five sets of English Entrance Exams for grades 1 through 4 and Kg2, Qatar Academy, El Khor School, Qatar:
- Reviewed three training manuals, CARE US AID, Egypt:
 - Learning Basic skills in Reading and Writing;
 - Reading and Writing Training Outline
 - Integration in the Elementary School

Service to the Department, Faculty, University and the Profession

- Served on the International Baccalaureate (IB) Education Committee
- Have been the coordinator/consultant for Al Nibras International School, Dubai, UAE
- Served as Associate Director of Center for Teaching and Learning: Designed and organized seminars for the Center in addition to assisting in implementing the Program Learning outcomes Plan for FAS and FAFS
- Coordinated a subcommittee to review and align the Education Department mission and program learning outcomes, Education Department, AUB
- Was a facilitator in the Mellon Summer Seminar, Center for Teaching and Learning, AUB, *Creative Use of Resources in Syllabus Design*.
- Conducted workshops on:
 - Articulating Mission Statements and Program Learning Outcomes, Center for Teaching and Learning, AUB
 - Differentiated Instruction in the Middle and Secondary Schools, Amman Baccalaureate School, Amman
 - Supervising Teacher Implementation of Critical Thinking in the Middle School, Port Said Egypt
 - Developing Course Learning Outcomes and Syllabus Design, Qatar University, Qatar
 - Bloom's Taxonomy and the Inquiry Model in the Arabic Classes/Middle School, Qatar University/College of Education, Qatar
 - Critical Thinking in the Arabic Classes/ Middle School, University/College of Education, Qatar
 - Differentiated Instruction for in the Arabic Classes in the Elementary School, Department of Education, AUB
 - Assessing Course Learning Outcomes, Faculty of Health Sciences, AUB

Karma El-Hassan

Grants

- Submitted two research proposals to UNICEF to assess implementation of counseling in schools and investigate students attitudes toward a variety of issues.

Conferences

- *Expanding and Improving Early Childhood Education*. February 2008, paper presented in UNESCO EFA Mid-Term Review Regional Conference, Doha.
- *Education system quality indicators*. Paper presented to School-based Reform in Arab Countries Project sponsored by Arab Thought Foundation (April 2008).
- Attended the AERA/ NCME Annual Meeting, New York, USA, March 2008.

Service to the Department, Faculty, University and the Profession

Review of Articles:

- August 2007, reviewed 10 manuscripts for AERA Division-D Classroom Assessment and International Studies SIGs.
- July 2007, reviewed manuscript for Journal of School Health

Supervision of Graduate Students:

- Students who defended thesis/project

- Asma Mukaddam
- Najla Mazeh
- Habiba Fathallah
- Students with accepted proposal
- Layali Asmar
- Nabila Rahhal,
- Imane Khraybani
- Dima El Zein
- Nora Hamzeh
- Dana Abdul Ahad
- Thesis committee membership
 - Zoya Yazbeck

Consulting:

- Conducted a 3-day workshop to Qatar University faculty on ‘Assessment of Program Learning Outcomes’
- Conducted a 3-day consultation to Qatar University on assessment plans and 1-day workshop on assessment tools at program level.
- UNESCO Consultant for Lebanon and Syria on UNESCO National Educational Support Strategy (UNESS) Project. Submitted two reports one on Lebanon and other for Syria.

Other Services:

- Undergraduate student advisor
- Graduate Educational Psychology Measurement and Evaluation
- Department Committees: Department Curriculum & Examination Committee, Chair
- Accreditation Steering Committee
- Accreditation Task Teams 7 and 14, Co-chair
- Serving on Advisory Board of an international research handbook to be published.

Ghazi Ghaith

Conferences

- Shaaban K. & Ghaith, G.M. (2008). English Versus French in Lebanon. American Association of Applied Linguistics, Washington, D.C., USA

Service to the Department, Faculty, University and the Profession

Review of articles:

- Reviewed manuscript for *Language, Learning and Technology* (1 paper)
- Member of the editorial review panel of *SYSTEM*, An International Journal of Educational Technology and Applied Linguistics. (2 paper)

Supervision of graduate students:

- Students who defended thesis
 - Madi Mirna (2008).
- Students with accepted proposal
 - Lina Soubra
 - Sara Mukalled

Consulting:

- Provided consultation to Fahed Bin Sultan University
- Provided consultation to Qatar University
- Provided consultation to the Dhofar University Sultanate of Oman under the auspices of the Research and External Planning office of AUB under the auspices of the Research and External Planning office of AUB.

Other Services:

- Advisor for the Teaching Diploma TEFL Students
- Member and the Curriculum and Examination Committee of the Education Department of AUB
- Chairman of the TEFL sub-committee for the administration of the MA Qualifying Examinations
- Member of the Practice Teaching Committee of the Education Department of AUB
- Member of the FAS Student Affairs Committee
- Conducted the following Departmental workshops
 - Assessment and Evaluation in the English Classroom (2008): Workshop
 - Teaching Reading and Literature in the English Classroom (2008): Workshop
 - Teaching and Assessing Writing in the English Classroom (2008): Workshop
 - Teaching and Assessing Reading and Literature in the English Classroom (2008): Workshop

Murad Jurdak

Conferences

- Jurdak, M. *Equity-in-Quality: Toward a theoretical frame work*. Presented at the Fifth International Mathematics and Society Conference, Albufeira, Portugal (February 2008).
- Jurdak M., BouJaoude S. & Norma Ghumrawi N. (2007). *Comparison of mathematization in microcomputer based laboratory (MBL) and verification – Type laboratory (VTL) in physics*. Paper presented in the Fifth Congress of the European Society for Research in Mathematics Education. Larnaka, Cyprus, University of Cyprus.
- BouJaoude, S., Jurdak, M., & Ghumrawi, N. *Discourse type and time use in microcomputer-based lab versus verification type lab in physics*. Paper presented at the biennial conference of the European Science Education Research Association (ESERA), Malmö University, Malmö Sweden (2007, August).
- BouJaoude S. & Jurdak, M. *Integrating physics and math through microcomputer-based labs (MBL): Effects on discourse type and quality and mathematization*. Presented at the annual conference of the National Association for Research in Science Teaching (NARST), Baltimore, MD, March 30- April 2, 2008.

Service to the Department, Faculty, University and the Profession

Review of Articles:

- School science and Mathematics Education, 4 papers
- Journal of Research in Mathematics Education, 2 papers
- Fifth Congress of the European Society for Research in Mathematics Education (3 papers).

Supervision of Graduate Students:

- Students who defended thesis/project

- Rana Nakhhal
- Students with accepted proposal
 - Ilham El-Baba
- Thesis committee membership
Member of the committees of 6 students.

Other Services:

- Teaching Diploma in Mathematics Education advisor
- Graduate program in math education advisor
- Education Forum, Coordinator
- Departmental Practice Teaching Committee, member
- Curriculum and Examination sub-committee for math, member
- Contributed to a 2-day seminar to resource faculty members on assessment of learning outcomes, summer, 2007
- Co-chair of the Self-Study Working Group on Institutional and Learning Outcomes Assessment, Renewal of Institutional Accreditation
- Member of the Self-Study Steering Committee, Renewal of Institutional Accreditation
- In the context of the Arab Foundation grant, organized with Dr Saouma BouJaoude a workshop on “from research to practice” for 38 participants from three Arab countries in Amman, Jordan, June29-July 3, 2007 and another on at AUB in summer of 2007.

Rima Karami

Service to the Department, Faculty, University and the Profession

Supervision of Graduate Students:

- Students who defended thesis/project
 - Project: Tala El Hajj
- Students with accepted proposal
 - Ghinwa Itani
 - Sabah Dakroub
 - Siba Moussali
- Thesis committee membership
 - Randa Hariri
 - Lama Jaber
 - Diana Sarriedine

Other Services:

- Development of a new course: Educ 334: Qualitative Research Methods

Self-development activities:

- Center for Teaching and Learning: Seminar on Developing a teaching Portfolio
- Center for Teaching and Learning: Faculty Seminar on Teaching and Learning Excellence.

Other Services:

- Students with accepted proposal
 - Bassem Malek
 - Dina Rawdah
- Thesis committee membership:
 - Salwa Maalouf
- Education Student Society Advisor
- Program mission faculty sub-committee
- Conducted workshops on
 - Focus Group Research
 - Reflecting on The Role and Challenges of School Leadership: Developing Role Conceptions for the 21st Century
- Member of the FAS Students Affairs Committee
- Volunteer advisor: the MADA project
- Researcher and executive committee member on the AUB/Arab thought foundation grant.

Consulting

- Dofhar University in Oman: developed a proposal for Master Program in Educational Administration.

Samar Mukallid

- Visited Oregon Health and Science University (OHSU) for 10 days training on the administration, scoring and scores interpretation of the BARS for the purpose of the above research project. January – February, 2008.
- Participated, as presenter, in the first Inaugural Conference on Inclusive Special Education at Royal University for Women in Bahrain. The title of the interactive session that I conducted was: Multisensory teaching / learning methods: A brain based learning perspective.
- Wrote a project proposal on behalf of REP office, AUB. The purpose of the project is to establish a Special Education program at Sanaa' University in Yemen.

Patricia Pederson

Grants

- Grants applied for but denied: Thematic Network on Citizenship Education and Identity Grant, Erasmus Mundus, \$39,624.00, Fall 2007
- Long-term faculty development grant: Junior Faculty Grant, AUB, Fall semester, 2007

Conferences

- Pederson, P. V. (2008, Winter). *The Meaning of Democracy: A Lebanese Adolescent Perspective*. Paper presentation at the International Conference on Globalization, Economic Reforms, Aid and Democracy in the Arab World. Amman, Jordan.
- Pederson, P.V. (2008, Winter). *Views on United States Culture and Foreign Policy: Lebanese Adolescents Speak Out*. A paper presentation at the Center for American Studies and Research Second International Conference: "Liberty and Justice: America and the Middle East". Beirut, Lebanon.
- Pederson, P. V. (2007, Fall). *Citizenship Education in Two Multicultural Democratic Countries: The United States and Lebanon*. Paper presentation at the International Assembly for the National Council for the Social Studies Annual Conference. San Diego, CA.

Service to the Department, Faculty, University and the Profession

Supervision of Graduate Students:

- Students who defended thesis/project
 - Randa Hariri (thesis)
 - Rihab Sidani (project)
- Thesis committee membership
 - Dima El Zein
 - Ghinwa Itani
 - Imane Khraybani
 - Mirna Madi
 - Sabah Dakroub
 - Marwa Nsouli

Consulting:

- Harcourt Assessment, San Antonio, TX, US (Summer, 2007). Edited/developed social studies assessment items/test forms and conducted state teacher review meeting of high-states tests.
- Spegnet Inc. Dallas, TX, US (Summer, 2007) Designed thematic social studies assessments for online elementary tests.
- ETS K-12, San Antonio, TX (Winter, 2008). Senior review of high-stakes social studies tests.

Other Services:

- International Education Group (member, Board of Directors, 2006-present)
- Member of the editorial advisory board of *The Geography Teacher*. This is the official K-12 teaching journal for the National council for Geography Education in the United States.
- Community service:
 - Linking Learning Styles and Teaching Activities with Powerful Assessment Tools. Teacher in-service workshop at the American University of Beirut (Spring, 2008)
 - Developing Multiple Assessment Tools for Students. Teacher in-service workshop at the Irfan Schools, (Spring 2008)

Barend Vlaardingerbroek

Service to the Department, Faculty, University and the Profession

- Students with accepted proposal
 - Lama Rawdah
 - Yasmine El-Masri
- Thesis committee membership:
 - Rayana Saad
 - Souad El-Achkar

Other Services:

- Undergraduate student advising.
- Curriculum and examination departmental Department Committees
- Met with Brevet panel at Ministry of Education to present seminar on the 2007 Brevet examination, October 2007.
- Judge at the Science, Mathematics & Technology Annual Fair.

F. PUBLICATIONS:

Anies Al-Hroub

- **Al-Hroub, A.** & Whitebread, D. (2008) Teacher Nomination of ‘Mathematically Gifted Children with Learning Difficulties’ at three Public Schools in Jordan, *The British Journal of Special Education*, 36, 36-49.

Saouma BouJaoude

1. BouJaoude, S. (2007). Enhancing Students’ Ability to Learn Meaningfully in Science. *Melange: Revue Culturelle de Secrétariat General des Ecoles Catholiques au Liban*, 1 (May – June), 52-69.
2. BouJaoude, S. (2007). *Twenty-first century educational skills for development in the Mediterranean: Quality and curriculum relevance* (pp. 82-89). In Med. 2007: 2006 in the Euro-Mediterranean Space. Barcelona, Spain: European Institute of the Mediterranean (IEMed).
3. Salloum, S. & BouJaoude, S. (2008). Careful! It is H₂O: Teachers’ Conceptions of Chemicals. *International Journal of Science Education*, 30, 221 – 238.
4. Hokayem, H. & BouJaoude, S. (2008). College Students’ Perception of the Theory of Evolution. *Journal of Research in Science Teaching*, 45, 395 – 419.
5. Daoud, T. & BouJaoude, S. (2008). *The Effect of Vee Heuristic on Students’ Meaningful Learning in Physics Grade 10 Laboratories* in the Impact of the Laboratory and Technology on Learning and Teaching (pp. 167-200). Charlotte, NC: Information Age Publishing.
6. BouJaoude, S. & Tamim, R. (2008). Middle school students’ perceptions of the instructional value of analogies, summaries and answering questions in life science. *The Science Educator*, 17, 72-28.

Murad Jurdak

- Jurdak, M. (2008). Action map as a tool for assessing situated mathematical problem solving performance. *Montana Mathematics Enthusiast*, 5, 67-78.

Patricia Pederson

1. Pederson, P.V. (2007). Conflict in the Middle East: Focus on Lebanon. *The Social Studies Review*, 47(1), 40-45.
2. Pederson, P.V. (2007). What is measured is treasured: The impact of NCLB on non-assessed subjects. *The Clearing House*, 80(6), 287-291.

Barend Vlaardingerbroek

1. Vlaardingerbroek, B. & Taylor, T.G.N. (2007). The environmental knowledge and attitudes of prospective teachers in Lebanon: A comparative study. *International Research in Geographical and Environmental Education*, 16,120-134.
2. Vlaardingerbroek, B. & El-Masri, Y.H. (2008). Student transition to upper secondary vocational and technical education (VTE) in Lebanon: From stigma to success. *Journal of Vocational Education and Training*, 60, 15-33.

G. FUTURE DEVELOPMENTS

1. One of the major challenges for the coming year is recruiting new faculty members. Presently only 50% of courses are offered by full time faculty members. A concerted and focused effort will be directed towards recruiting new faculty members to fill the vacant positions at the Department and increase the percentage of courses offered by full time faculty members to 75%.
2. A review and restructuring of the MA concentration in Educational Psychology will be attempted to serve the needs of graduate students better.
3. Faculty members will be encouraged to continue the process of acquiring external grants to support research activities.
4. A concerted effort will be put in continuing to establish relationships with Department of Education Alumni.

**Saouma BouJaoude
Chairperson**