

Research Report, 2001-2006

**Faculty of Health Sciences
American University of Beirut**

October 31, 2006

Note: Year refers to the academic year from July 1 to June 30. All amounts are expressed in U.S. dollars.

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EXECUTIVE SUMMARY

Between the academic years 2001-2002 and 2005-2006, the Faculty of Health Sciences obtained 93% of its sponsored research grants from international and regional sources (Table 1). Over the five academic years, the percentage of the total amount of funding increased by 12% for international and regional organizations. The percentage of the total funding for local agencies decreased by 12% between the years 2001-2002 and 2005-2006. Concerning the University Research Board funding, its share of funding remained relatively stable throughout the five years, at around 3%.

Table 1: Summary of Funding by Source, 2001-2006

Funding Source	Amount (US Dollars)
International/Regional	3,401,196
Local agencies	156,385
URB	117,653
Total	3,675,234

The research output of the Faculty of Health Sciences during the academic years 2001-2002 to 2005-2006 is itemized in Table 2. Between the five academic years, publications in refereed journals increased by 84%, and the percentage of refereed journal articles as proportion of the total number of publications rose by 4%. Oral and poster presentations increased by 61% during the same time frame, while other publications, such as graduate theses, increased by 167%.

Table 2: Summary of Publications, 2001-2006

Type of Publication	Number
Refereed journal publications	262
Non refereed journal publications	0
Books	4
Edited books	3
Research reports	26
Oral or poster presentations	215
Others (e.g. graduate theses)	46

With respect to co-operative faculty research activities, between the academic years 2001-2002 and 2005-2006, co-authorship within one department at FHS increased by 33%, co-authorship across the five departments decreased by 15% and co-authorship with outside institutions decreased by 9%. The proportion of publications with FHS faculty as lead authors decreased by 5%.

INTRODUCTION

The Faculty of Health Sciences (FHS) Research Committee (RC) is pleased to present the fourth Research Report for FHS, covering the past five academic years, 2001-2002 to 2005-2006. This is a regular annual report published by the RC. The report contains numeric data on FHS research activities and outputs, with a focus on sponsored research and journal publications. The data may be used to monitor progress towards achieving the research objectives listed below:

1. Increase the quality and quantity of research publications
2. Sustain collaborative and interdisciplinary research
3. Sustain regional scholarship
4. Maintain the amount of sponsored research

Currently, FHS consists of five departments: Environmental Health, Epidemiology and Population Health, Health Behavior and Education, Health Management and Policy, and Medical Laboratory Technology. The report includes measurable outcomes on the research objectives for FHS as a whole and by department. With respect to research output, the quantity and type, but not the quality, of publications is provided. A full list of the journals in which FHS faculty published during 2005-2006 is included as Appendix A. A partial list of journal in which FHS faculty published during 2000-2005 is available in the previous report. Appendix A also includes the most recent Impact Factor, ranking of journals within the disciplines as defined by the Institute for Scientific Information (ISI), and our ranking of journals.

An electronic copy of this report, written for evaluating URB proposals and the evaluation form is available on the RC website:

http://staff.aub.edu.lb/~webrph/rc/pdfs/ResearchReport_00_06.pdf .

The RC would like to acknowledge the contributions of Mrs. Ruba Ismail-Hamadeh and Ms. Ghada Saad in preparing this report.

Research Committee, 2005-2006

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RESEARCH GRANTS

The FHS has been successful in forming multi-investigator, multi-disciplinary research teams that attracted substantial extramural funding. The annual amount of funds increased from \$616,710 in 2001-2002 to \$ 632,411 in 2005-2006. A summary of the amount of funds per year is displayed in Table 3. Appendix B shows an itemized list for faculty research grants in the year 2005-2006. For an itemized list of faculty research grants for the previous years, see the Research Report 2000-2005 and 2000-2004.

Table 3: Faculty Sponsored Research Grants, 2001-2006

Source	2005-2006		2004-2005		2003-2004		2002-2003		2001-2002	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
International Agencies	599,286	94.8	954,362	96.7	668,590	91.5	670,162	94.5	508,796	82.5
Local Agencies	11,525	1.8	5,915	0.6	37,398	5.1	13,633	1.9	87,914	14.2
URB	21,600	3.4	26,340	2.7	24,500	3.4	25,213	3.6	20,000	3.2
Total	632,411	100.0	986,617	100.0	730,488	100.0	709,008	100.0	616,710	100.0

Note: The total amount of funding for each grant was divided over the duration of the grant. Only funds allocated to research were included.

PUBLICATIONS

Table 4 shows a detailed distribution of the number of different publications, as well as dissemination of research output in conferences by academic year, whereas Tables 5 through 9 show a distribution by year and department within FHS. The total number of publications of all types increased by 67% between the academic years 2001-2002 and 2005-2006. The items published in refereed journals increased by 84% over the five academic years. Presentations of research findings at international conferences increased by 61% over the same period. These figures reflect clear increases in both research activity and productivity. Productivity of a full-time faculty member (FTE-research) increased on average from 1.8 articles in 2001-2002 to 2.5 articles in 2005-2006.

Table 4.a: Summary of Publications, 2001-2006

Publication Type	2005-2006	2004-2005	2003-2004	2002-2003	2001-2002
Publications in refereed journals	68	40	58	59	37
Publications in non-refereed journals	0	0	0	0	0
Books	0	0	1	1	2
Edited books	0	1	0	0	2
Book chapters	4	3	4	8	4
Research reports (published)	7	3	5	8	3
Total	79	47	68	76	48

Table 4.b: Summary of Conferences/ Presentations/ Others, 2001-2006

Publications from Conferences/ Presentations/Others	2005-2006	2004-2005	2003-2004	2002-2003	2001-2002
Oral presentations/ conference papers/ posters	50	45	51	38	31
Others: graduate theses/projects	8	11	11	13	3
Total	58	56	62	51	34

Table 4.c: Summary of Publications in Journals, 2001-2006

Publications in Journals	2005-2006	2004-2005	2003-2004	2002-2003	2001-2002
Articles	62	32	47	54	34
Letters/book reviews/brief reports	6	8	11	5	3
Total	68	40	58	59	37
Total FTE (research)*	25.00	22.00	22.50	21.00	19.00
Articles per FTE (research)	2.5	1.5	2.1	2.6	1.8

* Refers to 'research active' faculty which includes all full time faculty of professorial rank, as well as those lecturers and instructors who are involved in research programs and projects.

Table 5.a: Number of Publications by Department, 2005-2006

Publication Type	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Publications in refereed journals	14	36	18	6	4
Publications in non-refereed journals	0	0	0	0	0
Books	0	0	0	0	0
Edited books	0	0	0	0	0
Book chapters	1	1	2	0	0
Reports (published)	1	3	0	2	1
Total	16	40	20	8	5

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 5.b: Summary of Conferences/ Presentations/ Others, 2005-2006

Publications from Conferences/ Presentations/Others	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Oral presentations/ conference papers/ posters/abstracts	20	15	8	7	0
Others: graduate theses/projects	1	7	0	0	0
Total	21	22	8	7	0

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 5.c: Number of Publications in Journals by Department, 2005-2006

Publications in Journals	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Articles	13	35	13	6	4
Letters/book reviews/brief reports	1	1	5	0	0
Total	14	36	18	6	4
Total FTE (research)*	4.00	9.00	7.00	3.00	2.00
Articles per FTE (research)	3.3	3.9	1.9	2.0	2.0

* Refers to 'research active' faculty which includes all full time faculty of professorial rank, as well as those lecturers and instructors who are involved in research programs and projects.

Table 6.a: Number of Publications by Department, 2004-2005

Publication Type	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Publications in refereed journals	7	24	4	4	2
Publications in non-refereed journals	0	0	0	0	0
Books	0	0	0	0	0
Edited books	0	1	0	0	0
Book chapters	1	1	1	1	0
Reports (published)	2	1	0	0	0
Total	10	27	5	5	2

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 6.b: Summary of Conferences/ Presentations/ Others, 2004-2005

Publications from Conferences/ Presentations/Others	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Oral presentations/ conference papers/ posters/abstracts	7	15	19	0	4
Others: graduate theses/projects	6	5	0	0	0
Total	13	20	19	0	4

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 6.c: Number of Publications in Journals by Department, 2004-2005

Publications in Journals	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Articles	5	19	4	4	2
Letters/book reviews/brief reports	2	5	0	1	0
Total	7	24	4	5	2
Total FTE (research)*	4.00	7.00	6.00	3.00	2.00
Articles per FTE (research)	1.3	2.7	0.7	1.3	1.0

* Refers to 'research active' faculty which includes all full time faculty of professorial rank, as well as those lecturers and instructors who are involved in research programs and projects.

Table 7.a: Number of Publications by Department, 2003-2004

Publication Type	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Publications in refereed journals	7	38	9	3	2
Publications in non-refereed journals	0	0	0	0	0
Books	0	1	0	0	0
Edited books	0	0	0	0	0
Book chapters	0	4	0	0	0
Reports (published)	0	4	0	1	0
Total	7	47	9	4	2

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 7.b: Summary of Conferences/ Presentations/ Others, 2003-2004

Publications from Conferences/ Presentations/Others	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Oral presentations/ conference papers/ posters/abstracts	3	27	13	5	3
Others: graduate theses/projects	3	7	0	0	0
Total	6	34	13	5	3

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 7.c: Number of Publications in Journals by Department, 2003-2004

Publications in Journals	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Articles	7	29	7	3	2
Letters/book reviews/brief reports	0	9	2	0	0
Total	7	38	9	3	2
Total FTE (research)*	5.00	8.00	5.50	2.00	2.00
Article per FTE (research)	1.4	3.6	1.3	1.5	1.0

* Refers to 'research active' faculty which includes all full time faculty of professorial rank, as well as those lecturers and instructors who are involved in research programs and projects.

Table 8.a: Number of Publications by Department, 2002-2003

Publication Type	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Publications in refereed journals	16	37	6	3	3
Publications in non-refereed journals	0	0	0	0	0
Books	0	0	1	0	0
Edited books	0	0	0	0	0
Book chapters	1	7	0	0	0
Reports (published)	0	6	0	2	0
Total	17	50	7	5	3

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments hence the larger numbers (the totals are the numbers of every type of publication).

Table 8.b: Summary of Conferences/ Presentations/ Others, 2002-2003

Publications from Conferences/ Presentations/Others	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Oral presentations/ conference papers/ posters/abstracts	8	16	14	0	0
Others: graduate theses/projects	2	9	2	0	0
Total	10	25	16	0	0

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments hence the larger numbers (the totals are the numbers of every type of publication).

Table 8.c: Number of Publications in Journals by Department, 2002-2003

Publications in Journals	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Articles	16	33	6	2	3
Letters /book reviews /brief reports	0	4	0	1	0
Total	16	37	6	3	3
Total FTE (research)*	4.00	8.50	4.50	2.00	2.00
Article per FTE (research)	4.0	3.9	1.3	1.0	1.5

* Refers to 'research active' faculty which includes all full time faculty of professorial rank, as well as those lecturers and instructors who are involved in research programs and projects.

Table 9.a: Number of Publications by Department, 2001-2002

Publication Type	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Publications in refereed journals	18	16	7	3	6
Publications in non-refereed journals	0	0	0	0	0
Books	0	2	0	0	0
Edited books	0	2	0	0	0
Book chapters	1	3	0	0	0
Reports (published)	3	0	0	0	0
Total	22	23	7	3	6

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 9.b: Summary of Conferences/ Presentations/ Others, 2001-2002

Publications from Conferences/ Presentations/Others	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Oral presentations/ conference papers/ posters/abstracts	4	14	12	0	1
Others: graduate theses/projects	0	2	1	0	0
Total	4	16	13	0	1

Note: Duplicate articles might be published by authors from different departments within FHS and were added in all corresponding departments, hence the larger numbers (the totals are the numbers of every type of publication).

Table 9.c: Number of Publications in Journals by Department, 2001-2002

Publications in Journals	Environmental Health	Epidemiology & Population Health	Health Behavior & Education	Health Management & Policy	Medical Laboratory Technology
Articles	17	15	6	3	5
Letters / book reviews/ brief reports	1	1	1	0	1
Total	18	16	7	3	6
Total FTE (research)*	6.00	6.50	3.50	1.00	2.00
Articles per FTE (research)	2.8	2.3	1.7	3.0	2.5

* Refers to 'research active' faculty which includes all full time faculty of professorial rank, as well as those lecturers and instructors who are involved in research programs and projects.

Tables 10 and 11 describe the range of interdisciplinary and collaborative research produced by FHS faculty members as evidenced by co-authorship between FHS departments and with outside institutions from the academic years 2001-2002 to 2005-2006. Out of the total journal publications, the proportion of publications co-authored (1) within one department at FHS has increased from 8.6% to 41.2%, (2) across the five departments has decreased from 31.4% to 16.2%, and (3) with outside institutions has decreased from 82.9% to 73.5%. The proportion of publications with FHS faculty as lead author has decreased from 54.8% to 51.5%.

Table 10: Distribution of Refereed Journal Publications by Co-authorship

Academic Year	% Co-Authorship within one department at FHS	% Co-Authorship across departments within FHS	% Co-Authorship outside FHS	% Lead Author from FHS
2005-2006	41.2	16.2	73.5	51.5
2004-2005	17.5	5.0	75.0	40.0
2003-2004	34.5	19.0	63.8	65.5
2002-2003	18.2	12.7	74.5	62.7
2001-2002	8.6	31.4	82.9	56.8

Table 11: Distribution of Refereed Journal Publications with Co-authorship from Outside FHS

Academic Year	% Co-authorship within other Faculties at AUB	% Co-authorship with national researchers	% Co-authorship with regional researchers	% Co-authorship with international researchers
2005-2006	44.8	34.5	17.2	58.6
2004-2005	23.3	30.0	30.0	56.7
2003-2004	35.1	56.8	8.1	43.2
2002-2003	40.7	17.6	5.9	27.8
2001-2002	34.3	29.4	9.4	18.8

APPENDIX A

Journal quality

Recently, FHS developed its own ranking of journals in terms of quality of publication. Members of FHS are increasingly publishing in reputable international journals as judged by the Impact Factor or the rank of journal in subject as classified by the Institute for Scientific Information (ISI). The Impact Factor is one measure of ranking, evaluating and comparing journals. It is an index of the number of times an 'average article' in a journal has been cited in a particular year. There are variations between disciplines, and journals should therefore be viewed in the context of their particular field. The Rank in Subject column represents the journal's ranking in its field, and the last column shows our ranking of journals. The following table shows a full list of international journals publishing papers by faculty members during 2005-2006. For a review of a partial list of international journals publishing papers by faculty members during 2000-2005, see the Research Report 2000-2005 and 2000-2004, Appendix A.

Table A1: List of Journals Publishing Research Works by FHS, 2005-2006

Journal Title	Impact Factor	Subject	Rank in Subject	FHS ranking
Aging and Mental Health	1.182	Gerontology Psychiatry (Social Science ed)	9/24 43/77	A A
American Journal of Epidemiology	5.068	Public, Environmental & Occupational Health (Science Ed)	2/99	A+
American Journal of Health Behavior	0.640	Public, Environmental & Occupational Health (Social Science Ed)	55/63	C
American Journal of Infection Control	2.333	Infectious Diseases	23/43	A
American Journal of Medical Genetics Part A	1.913	Genetics & Heredity	78/124	B
Archives of Otolaryngology – Head and Neck Surgery	1.586	Otorhinolaryngology Surgery	7/29 47/139	A A
Australian and New Zealand Journal of Public Health	0.976	Public, Environmental & Occupational Health (Social Science Ed)	34/63	A
BJOG-An International Journal of Obstetrics & Gynaecology	2.171	Obstetrics & Gynecology	14/57	A
British Medical Journal	9.052	Medicine, General & Internal	6/105	A+
Child: Care, Health & Development	0.789	Pediatrics Psychology, Developmental	52/73 36/52	B B
Clinical and Experimental Ophthalmology	1.193	Ophthalmology	24/44	A
Clinical Pediatrics	0.679	Pediatrics	56/73	B
Environmental Management	0.911	Environmental Sciences	90/140	B
Environmental Monitoring and Assessment	0.687	Environmental Sciences	112/140	B
Environmental Research	2.324	Environmental Sciences Public, Environmental & Occupational Health (Science Ed)	20/140 27/99	A A
Epidemiology and Infection	1.674	Public, Environmental & Occupational Health (Science Ed)	43/99	A

Table A1: List of Journals Publishing Research Works by FHS, 2005-2006

Journal Title	Impact Factor	Subject	Rank in Subject	FHS ranking
		Infectious Diseases	34/43	B
Europe's Journal of Public Health	1.118	Public, Environmental & Occupational Health (Science Ed)	63/99	B
		Public, Environmental & Occupational Health (Social Science Ed)	30/63	A
Health Psychology	3.513	Psychology	8/60	A
		Psychology, Clinical	6/83	A+
International Journal of Eating Disorders	1.915	Nutrition & Dietetics	23/53	A
		Psychiatry (Science Ed)	54/94	A
		Psychology	25/60	A
		Psychology, clinical	18/83	A
		Psychiatry (Social Science Ed)	28/77	A
International Journal of Environmental Health Research	0.442	Environmental Sciences	128/140	C
		Public, Environmental & Occupational Health (Science Ed)	96/99	C
International Journal of Tuberculosis and Lung Disease	1.456	Infectious Diseases	35/43	B
		Respiratory System	21/33	B
Journal of Clinical Endocrinology and Metabolism	6.020	Endocrinology & Metabolism	8/89	A+
Journal of Development Studies	0.563	Planning & Development	18/38	A
Journal of Gastroenterology and Hepatology	1.718	Gastroenterology & Hepatology	28/46	B
Journal of Health Psychology	1.228	Psychology, Clinical	42/83	A
Journal of Urban Health	2.485	Public, Environmental & Occupational Health (Science Ed)	21/99	A
		Medicine, General & Internal	21/105	A
Journal of Voice	0.467	Otorhinolaryngology	27/29	C
Laterality	1.020	Psychology, Multidisciplinary	35/101	A
		Psychology, Experimental	53/68	B

Table A1: List of Journals Publishing Research Works by FHS, 2005-2006

Journal Title	Impact Factor	Subject	Rank in Subject	FHS ranking
Molecular Biology Reports	0.851	Biochemistry & Molecular Biology	225/261	C
Pediatric & Perinatal Epidemiology	1.767	Public, Environmental & Occupational Health (Science Ed)	41/99	A
		Obstetrics & Gynecology	20/57	A
		Pediatrics	17/73	A
Public Health Nutrition	1.918	Public, Environmental & Occupational Health (Science Ed)	35/99	A
		Nutrition & Dietetics	22/53	A
Risk Analysis: An International Journal	1.510	Mathematics, Interdisciplinary Applications	17/76	A
		Social Sciences, Mathematical Methods	4/32	A
Saudi Medical Journal	0.272	Medicine, General & Internal	94/105	C
Science of the Total Environment	2.224	Environmental Sciences	22/140	A
Sex Roles: A Journal of Research	0.729	Psychology, Developmental	38/52	B
		Psychology, Social	30/46	B
		Women's Studies	8/27	A
Social Science and Medicine	2.619	Public, Environmental & Occupational Health (Social Science Ed)	5/63	A+
		Social Sciences, Biomedical	2/27	A+
Tissue Antigens	2.747	Cell Biology	69/153	A
		Immunology	48/115	A
		Pathology	14/66	A
Tobacco Control	2.415	Public, Environmental & Occupational Health (Social Science Ed)	9/63	A
		Public, Environmental & Occupational Health (Science Ed)	24/99	A
Women & Health	0.431	Public, Environmental & Occupational Health (Social Science Ed)	60/63	C
		Women's Studies	13/27	A

Source: The Institute for Scientific Information, *Journal Citation Report* (2005).

APPENDIX B

Sponsored Research Grants 2005-2006

	Project Name	Organizational Unit- Principal Investigator		Funding Source	Funding Start and End Date		Amount Total Award	Amount Current Year-Research	Amount Current Year-Salary	Community - Based Y/N	Student Participation Y/N	Collaboration with Health Agencies Y/N	Collaboration with Community Org'ts Y/N
AY 2005-06													
1	Health status, well-being and population change in the Middle East: a research network approach	Dean's Office	Huda Zurayk	Wellcome Trust	1-Jan-05	31-Dec-09	\$3,085,075	\$334,946	\$255,340				
	Health Intervention Studies									Y	N	Y	Y
	Changing Childbirth Project									Y	N	N	N
2	Displaced Arab Families: coping and changes in post-war Beirut	HBED	Judy Makhoul	Arab Family Working Group	1-Jul-05	30-Sep-06	\$18,000	\$265	\$8,735	Y	N	N	N
3	Support for the Reproductive Health Working Group	Dean's Office	Huda Zurayk	Ford Foundation	1-Jun-04	31-May-06	\$200,000			N	N	N	N
4	Survey of Outdoor Levels of Randon in Lebanon	ENHL	Rima Habib	Safadi Foundation	1-May-04	1-May-06	\$11,830	\$5,372	\$543	Y	N	N	N
5	Therapeutic Decisions at Menopause	EPHD	Marwan Khawaja	Harvard School of Public Health	1-Mar-03	31-Aug-06	\$58,967			Y	N	N	N
6	Strengthening Teaching, Research & Community Outreach Capacities at FHS	Dean's Office	Huda Zurayk	Ford Foundation	1-Jan-03	31-Dec-06	\$430,000						
	Urban Health Research Project									Y	Y	Y	Y
7	Population Displacement, Impoverishment and Urban Health in the Outskirts of Beirut	EPHD	Marwan Khawaja	Mellon Foundation	1-Jan-03	31-Dec-05	\$260,000			Y	Y	Y	Y
8	Health Consequences of Population Change in the Middle East	Dean's Office	Huda Zurayk	Wellcome Trust	1-May-01	30-Sep-06	\$957,773						
	Urban Health Research Project									Y	Y	Y	Y
	Changing Childbirth Project									Y	N	N	N
9	Improving Rural Health Care in Lebanon: an experimental study	HMPD	Kassem Kassak	WHO-EMRO	1-Aug-06	31-Jul-07	\$7,500			Y	N	Y	Y

Project Name	Organizational Unit- Principal Investigator	Funding Source	Funding Start and End Date	Amount Total Award	Amount Current Year-Research	Amount Current Year-Salary	Community - Based Y/N	Student Participation Y/N	Collaboration with Health Agencies Y/N	Collaboration with Community Org'ts Y/N
AY 2005-06										
10	Towards a Better Understanding of the Magnitude and Predictors of Nurse Migration out of Lebanon	HMPD Fadi El-Jardali	WHO-EMRO	1-Aug-06 31-Jul-07	\$7,500		N	N	N	N
11	Assessment of Health and Social Risk Factors Facing Youth in the Old City of Saida	EPHD Marwan Khawaja	The Naba'a Foundation	15-Nov-05 31-Jul-06	\$5,610	\$5,610				
University Research Board										
12	Preventing the initiation of Narghile use: Evaluation of a School-based Intervention	HBED Rima Afifi	URB	1-Oct-05 30-Sep-06	\$8,950	\$8,950	Y	N	N	N
13	Frequency and significance of "Anti-HBc Alone" in Three Categories of Lebanese Individuals.	MLTP Sami Ramia	URB	1-Oct-05 30-Sep-06	\$8,050	\$8,050	N	N	N	N
14	Hospital Accreditation in Lebanon	HMPD Fadi El-Jardali	URB	1-Oct-05 30-Sep-06	\$4,600	\$4,600	N	N	Y	N
Total								\$367,793	\$264,618	
Total Research per year (Includes the Salary Column)								\$632,411		

Please note that the grants 5,6,7,8 are still active in 2005-2006 however, their budget for the current year is \$0. The total budget has been divided over previous years. Some of them had a no-cost extension

ENHL: Environmental Health Department

EPHD: Epidemiology & Population Health Department

HBED: Health Behavior & Education Department

HMPD: Health Management & Policy Department

WHO-EMRO: World Health Organization - Eastern Mediterranean Region Office

URB: University Research Board