



جامعہ برزت  
BIRZEIT UNIVERSITY

**Annual Report**  
**2008 – 2009**







# **ANNUAL REPORT**

## **2008/2009**

**Building a Better Palestinian Future**





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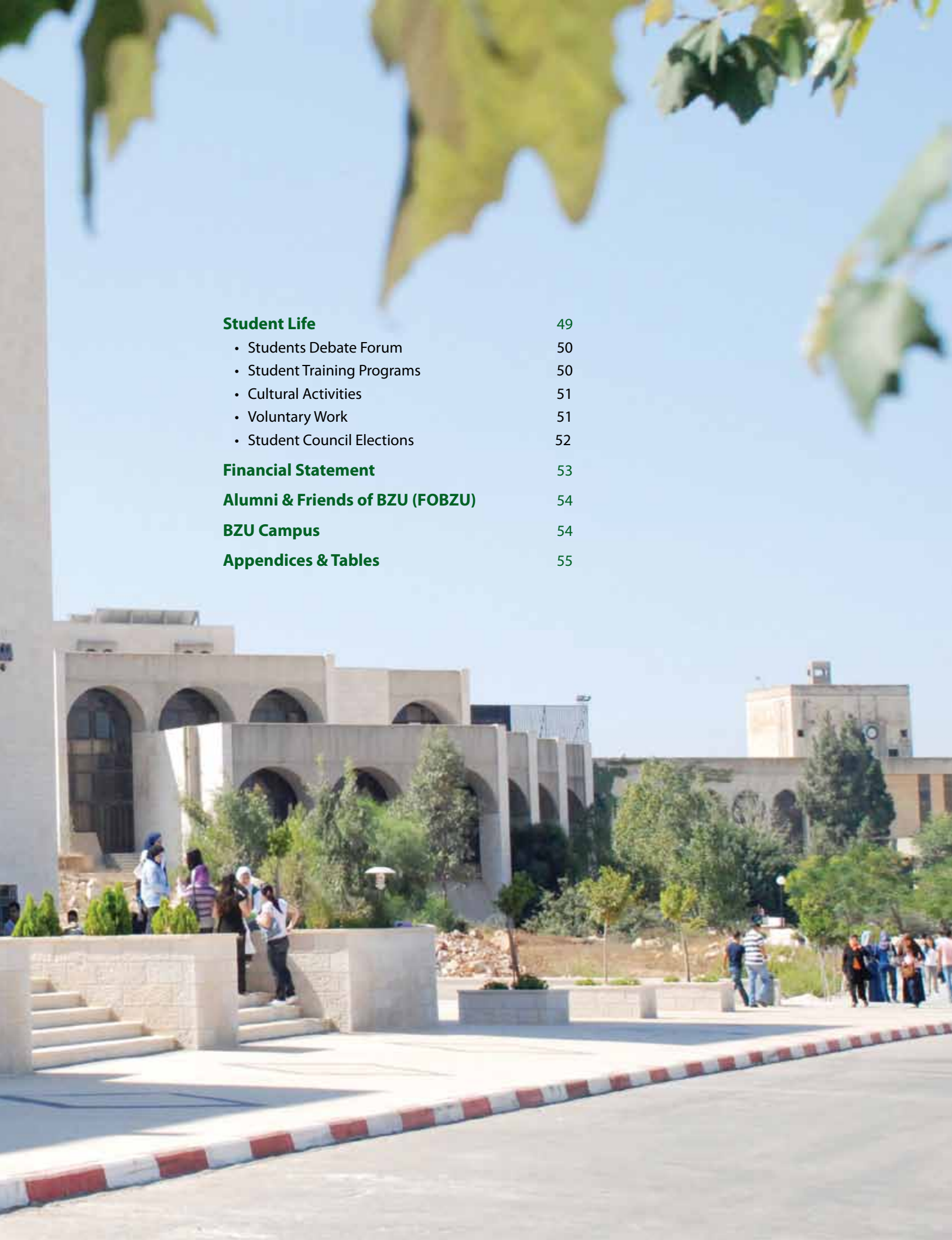
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## Preface



Founded as a small local girls' school in the town of Birzeit in 1924, Birzeit University (BZU) has evolved into a distinguished Palestinian university with a newly-built modern campus on the outskirts of the West Bank city of Ramallah. BZU was established, and developed with Palestinian resources, in response to the increasing demands for higher education in the Palestinian society. Against all odds – including severe restrictions on academic development and freedom imposed by the Israeli military occupation - the University embodies a story of success that is an inspiration to all Palestinians.

BZU became a member of the Association of Arab Universities in 1976 and the International Association of Universities in 1977. It works in cooperation with other Palestinian universities and educational institutions in the Occupied Palestinian Territories to develop an educational system that can provide Palestinian students with the knowledge, skills and awareness needed to serve their society in a changing global environment. BZU faculty's ability to combine research with instruction and public service demonstrates BZU's commitment to serving the needs of Palestinian private and public sectors.

Birzeit University was the first institution of higher education to be established in Palestine. In addition to providing students with the opportunity to realize their academic aspirations, the University encourages its students to be productive citizens and active members of their community.

The University plays a central role in developing the most valuable national resource – namely human skills. New graduate and undergraduate programs in information technology, engineering, science, social policy, economics and management are being developed to meet this objective. The University campus is being expanded to better equip BZU to meet the growing needs of higher education in the Palestinian society. At the same time, Birzeit University's various community centers and institutes continue to enhance and develop their work through intensive policy-oriented research to assist in the economic, social and human development of Palestine.

The University offers a wide range of undergraduate and post-graduate degrees through its seven faculties: Arts, Commerce and Economics, Engineering, Science, Law and Public Administration, Information Technology and Graduate Studies.

The Graduate Studies programs offer post-graduate diplomas and master's degrees in the following fields: Contemporary Arabic Studies; Arab and Muslim History; Education; Sociology; International Studies; Democracy and Human Rights; Economics; Law; Community and Public Health; Water and Environmental Engineering; Water and Environmental Sciences; Gender, Law and Development; Business Administration; Applied statistics; Scientific Computing; Urban Planning and Design; Clinical Laboratory Sciences, Geography and Mathematics.

The University also offers two High Diplomas in Primary Healthcare (Supervision and Training) and Gender, Law and Development. In addition to its academic programs, the University has a wide range of institutes, centers and programs that aim to support the community-oriented programs that contributes to the achievement of sustainable development in Palestine.

Support for the University comes from numerous Palestinian, Arab and international institutions and foundations as well as from various individuals. Such support has enabled the University to continue to expand and develop.

Although many courses are taught in English, Birzeit University's official language is Arabic. The University follows the semester system, with two four-month semesters beginning in autumn and spring, and a shorter two-month semester in summer.





## Mission and Principles

Birzeit University is a Palestinian Arab institution supervised by an autonomous Board of Trustees that decides its policies.

The University is committed to excellence and encourages creativity, experimentation, innovation, perfection as well as team work and democratic practices anchored in pluralism, freedom of expression and respect for others.

The University endeavours to excel in higher education, scientific research, and service to the community. Since it was established, the University has committed itself to provide equal learning opportunities to qualified individuals and to prepare students to become good citizens, active in their society and committed to its advancement and well-being.

The University provides the appropriate environment for students to develop their personalities and realize their potentials in an open and liberal atmosphere that promotes our Arab-Islamic heritage.

### BZU's founding principles are:

- A serious commitment to excellence for students, faculty, and staff.
- A pledge to honor justice, the pursuit of the common good and intellectual openness.
- Dedication to the development of the Palestinian community and retention of a worldly viewpoint.

## Board of Trustees

The University is governed by an autonomous Board of Trustees composed of educators and professionals from the Palestinian community. The Board appoints the President of the University. It also confirms the appointment of the Vice-Presidents and Deans upon the recommendation of the President. The Board approves the budget and general development plans presented to it by the University Council.

**Following is a list of the names of the Board members:**

Resident Members	Honorary Members
<ul style="list-style-type: none"> <li>• Mr. Anton Saad</li> <li>• Mr. Iyad Masrouji</li> <li>• Mr. Iyad Joudeh</li> <li>• Mr. Ayoub Rabah</li> <li>• Mr. Bassim Khoury</li> <li>• Dr. Gabi Baramki</li> <li>• Ms. Joyce Ajlouny</li> <li>• Dr. Hanna Nasir (Chairperson)</li> <li>• Mr. Riziq Khoury</li> <li>• Mrs. Rima Tarazi</li> <li>• Mr. Sam Bahour</li> <li>• Mrs. Samia Khoury</li> <li>• Ms. Saba' Arafat</li> <li>• Dr. Suad Amiry</li> <li>• Mr. Abdul Jawad Saleh</li> <li>• Dr. Nabeel Kassis *</li> <li>• Mrs. Nahla Assali</li> </ul>	<ul style="list-style-type: none"> <li>• Mr. Salim Edde</li> <li>• Mr. Mohamed Imran Bamieh</li> <li>• Mr. Bassam Jabr</li> <li>• Dr. Dawood Musaad Al Saleh</li> <li>• Mr. Haseeb al Sabbagh</li> <li>• Mr. Munir Atallah</li> <li>• Mr. Omar Aqqad</li> <li>• Mr. Samir Aweidah</li> <li>• Mr. Kutayba Alghanim</li> <li>• Mr. Mr. Abdul Mohsen Al-Qattan</li> <li>• Walid Kayyali</li> <li>• Mr. Zein Mayassi</li> <li>• Mr. Yousef Nawas</li> </ul>
* Ex officio as President of Birzeit University	



## University Administration:

The University is administered by the President of the University, who is assisted by the University Council, which is composed of the Vice-Presidents and the Deans. Besides the drafting of the budget and the development plans, the University Council has the overall responsibilities of the organizational management of the University.

The University has three Vice-Presidents: a Vice-President for Academic Affairs, a Vice-President for Administrative and Financial Affairs, and a Vice-President for Community Outreach. Each faculty is headed by a Dean who is responsible for its administration. Faculties consist of a number of degree-granting departments and supporting programs; departments are headed by Chairpersons and programs are headed by Coordinators.

Formulation of the general policies, rules and regulations pertaining to academic affairs is the responsibility of the Academic Council, which is composed of the Vice-President for Academic Affairs, the Deans and elected faculty members.

### **Following are the names of the University Council for the academic year 2009/2010:**

- Dr. Nabeel Kassis , University President and Council Chair
- Dr. Abdel-Latif Abu-Hijleh, Vice President, Academic Affairs
- Dr. Sami Al- Sayrafi, Vice-President, Administration and Finance
- Dr. Ghassan al-Khatib, Acting Vice-President, Community Outreach
- Dr. Lisa Taraki, Dean of Graduate Studies
- Dr. Maher Hashweh, Dean of Faculty of Arts
- Dr. Nidal Sabri, Dean of Faculty of Commerce & Economics
- Dr. Faisal Awadallah, Dean of Faculty of Engineering
- Dr. Simon Kuttub, Dean of Faculty of Science
- Dr. Camille Mansour, Dean of Faculty of Law and Public Administration.
- Dr. Tamer Essawi, Dean of Faculty of Nursing and Allied Health Professions
- Dr. Adnan Yahya, Dean of Faculty of Information Technology.

## Message from the President



This year, and despite ongoing challenges, particularly that of ensuring continued financial support for the sustainability and growth of its educational project, Birzeit University has continued to progress and reinforce its role as a leading academic institution. As I emphasized in my address to graduating students and their families on the occasion of the thirty-fourth annual commencement ceremonies, from the beginning, we have never wavered from our ambition to become and remain a distinguished university. The large number of applications for admission to both undergraduate and masters programs testifies to our society's continued confidence in Birzeit University and its ability to provide the best possible education for its students. Nonetheless, we continue to seek to progress, and we are very much aware of the fact that this will only be made possible with the support of the broader community. No less than any other public institution, we are an integral part of that community. We hope to continue to play a leading role and to benefit from the public's continued solidarity.

During this academic year, BZU has provided financial support for student grants, research projects by faculty members and participation in international, regional and local scientific conferences. In this regard, I am pleased to note the achievements of the university faculties, institutes and centers, which have strengthened the university's international academic reputation. I thank all faculty and staff members, as well as students, for their persistence in seeking to develop themselves and their university, under the difficult circumstances in which we live.

This year, BZU completed the construction of two new buildings: the Center for Development Studies Building, built with the generous support of Mr. Said Khoury, and the Institute of Law Annex, funded by the French government. We are continuing work on the Faculty of Nursing and Health Professions Building, donated by Mr. Ghalib Younis, to be inaugurated next year. We have already begun to build the Faculty of Education building, donated by a number of Palestinians, which will house new programs in education destined to train highly qualified school teachers, in accordance with the National Plan for Educational Development approved two years ago.

I would like to seize this opportunity to express our University's gratitude for the generosity of all those who have found it possible to provide their generous support, which I hope will be an example to all those who can afford to do likewise, in upholding the values and ensure the reinforcement of the Palestinian higher education sector, with its vital role in the growth and development of our nation. Finally, I thank all those who, in myriad ways, have helped Birzeit University to fulfill its mission in the face of the challenges facing all Palestinian higher education institutions under occupation.







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# The Year in Review 2008/2009





## Planning and Development

During the 2008/2009 academic year, BZU distinguished itself in the field of planning and development in terms of the preparation of feasibility studies, and the adoption of four academic programs in the Bachelor's of Education. Majors included: teaching in math, social studies, science and technology, with teaching of these subjects in primary schools beginning in January 2009. In addition to the preparation of a feasibility study for the establishment of the Faculty of Education and approval by Board of Trustees on 9/2/2009, BZU followed-up on the accreditation of an MA program in Community Psychology. Moreover, BZU administration studied proposals for the accreditation of specialized professional diploma programs, and prepared a concept paper pertaining to the construction of a special building for the Faculty of Information Technology.

Furthermore, BZU has given attention to the infrastructure of various university facilities and the development of strategies for information technology, as well as the amendment of academic regulations that served to simplify administrative procedures.



## Academic Development

Great efforts were undertaken with constructive co-operation between academic and administrative support units aimed at academic development; this year was characterized by the promotion of e-learning and development of academic programs. Prospects of e-learning were integrated and expanded to improve the performance of a large number of academics through continual development of their knowledge and skills. Much interest was given to the training and professional development of faculty members, in which specialized workshops were held.

Additionally, new programs were developed such as Business Economics and a Master's degree in Chemistry. The University also provided support for research and projects submitted by faculty members in their respective areas of specialization. This included partial or total support for their participation in international and regional conferences in which they presented working papers and research.

Furthermore, the concept of student counselling was promoted through the establishment of the "Student Counselling Center." The center deals with the development of academic and vocational counselling and instruction that caters to the needs of BZU students. The University also expressed interest in academic projects in information technology carried out by the Najjad Zeenni Information Technology Center of

Excellence, and engineering projects implemented by the Faculty of Engineering, such as the “Virtual Reality” project. Moreover, BZU also paid close attention to the implementation of projects related to curriculum development and environmental teaching methods in Palestine, upon the request of the Institute of Environmental and Water Studies at BZU. Additionally, the Institute of Women’s Studies implemented projects on “Women’s’ Empowerment,” and the Institute of Law conducted legal projects related to “Legislative Support.”

### International Cooperation

In the area of international cooperation, the 2008/2009 academic year saw visits by international scientists, scholars, academics, politicians and consuls to the university. Moreover, many of our staff, faculty members and researchers attended numerous meetings, international conferences and workshops where they presented high quality papers, studies and research. The most significant conferences attended were: the Conference for the Union of Universities of the Mediterranean Basin, the Workshop on International Education, including participation from Ten Arab Universities, the 5<sup>th</sup> World Water Forum in Turkey, and participation in international training programs on public health at the American Universities of Cairo and Beirut. Additionally, thirteen cooperation agreements were signed with international and regional institutions.

This year also saw collaboration between BZU and international universities such as the Norwegian University of Life Sciences, the University of Dortmund, the Technical University of Munich, University of Lacambra in Belgium, and the University of Rome. Collaboration occurred in the areas of teaching in the master’s program of Urban Planning and Landscape Architecture, as well as the strengthening of cooperative relationships with several international institutions and academic companies including Cisco, Microsoft, SPARK First Lego League for training on the manufacturing and programming of a robot, and the hosting of international networks in the field of water sciences.

### Community Outreach

The University effectively reached out to the community during the 2008/2009 academic year, which included fruitful cooperation between BZU faculties, institutes, centers and various sectors of society in the areas of health, the environment, engineering, education, law, media and culture. BZU doubled its cooperation efforts this year with local firms in terms of training its graduates and strengthening the relationship with the private and public sectors. BZU also played a distinguished role in applied research in the health and environmental fields with training in these areas. Additionally, BZU was active in the fields of education, development and media, implementing a number of educational projects in public and private schools. This included the conducting of development research on regression in the Palestinian labor market, development status in the occupied Palestinian territories, and the impact of conflict on development. Moreover, BZU implemented a number of media projects focusing in particular on the Children’s Literature Project - E-audio Library Electronic, the Portal for Journalists’ Project, the Media Platform project, curricula development and training methods in Palestinian universities, and Radio Management. This year also saw research conducted in the field of law, the development of a diploma in legislative drafting, and the preparation of a guide on Palestinian commercial law.

Within the joint-venture between the Institute of Law and the Faculty of Law and Public Administration at BZU, 11 legal encounters were held in the area of legal awareness. They addressed a number of different topics, particularly those related to domestic and international laws; local and international experts participated, and delivered lectures on current legal affairs of interest to the legal community in Palestine.

The capacity-building of Palestinian institutions also lead to the implementation of an educational reform process and the boosting of learning capacity in Palestinian universities. This project aimed to develop both educational aptitude and training institutions in order to broadly and effectively reform the Palestinian educational system.



## Student Life

Furthermore, the Student Debate Forum enriched student life by hosting members of the Palestinian Legislative Council along with various politicians, who expressed their views on different political issues of interest to Palestinian society.

This year also witnessed the preparation of various training programs for BZU students. The programs aimed to develop their potential and skills, and also polish, shape and refine their personalities within a comfortable atmosphere, both socially and psy-

chologically. In addition to the training programs, students also participated in cultural activities including general lectures, trips, workshops and artistic activities, such as courses on music and theatre.

Finally, in order to substantiate the policy of cooperative work, BZU organized several events for university students to participate in community activities. These activities primarily targeted those with special needs and the elderly.



# BZU: Events and Activities







During the academic year 2008/2009, BZU organized a number of different events and activities, most importantly **the 34<sup>th</sup> graduation ceremony** on 13 June 2009, wherein 1200 students graduated. This year, BZU has encountered major challenges in terms of maintaining a distinguished academic atmosphere. BZU is seeking to improve its current programs and develop new ones, and is constantly searching for qualified human and financial resources necessary to cope with its growing needs. The continued expansion of buildings and facilities enable BZU to accommodate a larger number of students, and make their experience of campus more comfortable and better suited for a rich university life, academically and socially.

In April, BZU celebrated **"Jerusalem as the Capital of Arab Culture 2009"** by holding a festival on campus. It also participated in all activities held to honour Jerusalem's special role as the capital of Palestine. Further, BZU has decided to continue the celebration of Jerusalem with cultural activities planned through 2010.

Furthermore, BZU opened the **Said Khoury Building for Development Studies** as of June 27, 2009. The building has an area of 3611 square meters and houses the Center for Development Studies, the Ibrahim Abu-Lughod Institute of International Studies and the Institute of Community and Public Health. The establishment of this building mainly contributed to the unification of the University facilities on campus, which is of great economic and social benefits.

The Faculty of Information Technology opened **the Second Technology Fair** on 18 May 2009, for the advancement of information production, in collaboration with a consortium of Palestinian Information Systems Companies "Beta". This included a presentation of products and services of the participating companies, as well as presentations of student projects at the Faculty of Information Technology, in addition to a number of lectures and seminars on specialized scientific topics and Career Day.

The Vice-President for Academic Affairs, Dr. Abdel-Latif Abu-Hijleh, inaugurated the **Engineering Day** on Tuesday, 5 May 2009. It included exhibitions for engineering companies, industrial engineering offices, graduation projects by the Faculty's graduates, scientific and professional seminars and an honorary ceremony for outstanding students.

In cooperation with Sharek Youth Forum and the Career Services Unit at BZU, the Dean of the Faculty of Commerce and Economics, Dr. Nidal Sabri, inaugurated **the Second Accounting Study Day** on 9 May 2009, in which a number of specialists and faculty members have participated.

The Faculty of Commerce and Economics at BZU organized the **14<sup>th</sup> Annual Career Day** on 26 May 2009, sponsored by the Palestinian Telecommunications Company, "Jawwal". The Dean of the Faculty of Commerce and Economics, Dr. Nidal Sabri, noted that BZU is keen about tackling the economic situation and understanding the local

market needs. From this perspective, the Faculty of Commerce and Economics introduced a new specialization namely "Business Economics," bringing the number of specializations to six: Accounting, Finance, Business Administration, Marketing, Economics and Business Economics. Dr. Sabri emphasized BZU's dedication to inform its students about the status of Palestinian institutions through some of the courses that address the analysis and study of practical situations and applications of local companies, so as to facilitate the process of acquaintance between the two parties and job orientation at a later stage.

In memory of the **Palestinian poet Mahmoud Darweesh**, who was a close friend of the university. BZU organized an art exhibition entitled "Passport" on 4 February, 2009. After returning home from exile in 1996, Mahmoud Darweesh held his first poetry recital at BZU and was awarded an honorary doctorate in literature the same year.

On 23 July 2009, the **International Work Camp** was launched by BZU. The camp offered BZU students and their international partners the opportunity to engage in voluntary projects and participate in cultural exchange.

BZU's various faculties, institutes and centers orga-

nized 14 specialized conferences in literature, engineering and graduate studies, health and women's studies, as well as other academic domains.

- The first conference for graduate students on **"Palestinian Academic Research: achievements and constraints"**, held on January 7, 2009, organized by the Academic Support Unit at the Faculty of Graduate Studies to highlight the impact of occupation on the lives of Palestinians it focused on the production of knowledge by providing an opportunity for graduate students to present their interventions.
- Conference on **"Mahmoud Darweesh: between the vision and performance,"** held on 11 March 2009, as a cultural event, it deals with the visions and concepts embodied by Mahmoud Darweesh's poetry, in addition to honouring the poet, who was a symbol of Palestine.
- On 4 March 2009, a group of researchers from the Institute of Community and Public Health participated in a conference on publishing **a series of research works related to the health situation in the occupied Palestinian territories (OPT)** in the British Medical Journal **"The Lancet"**, considered to be one of the world's leading specialized scientific journals in this field. All the research works





will be published on the Journal's website.

- Institute of Women Studies held a two-day conference on **"Women of Palestine in Theory and Practice"** on 29-30 April 2009. It aimed at evaluating and analyzing a collection of studies and research issued by Palestinian institutions and directed at policy makers, seeking to link theory and practice in terms of visions and policies on women.
- **"Universal Values and the Palestinian Experience"**, a conference organized by the Faculty of Law and Public Administration on 6/11/2008, in which French and Palestinian intellectuals and lecturers in law and policy discussed the possibility of finding a definition for "universal values" and whether or not these values are applicable to the realities in Palestine today.
- The Faculty of Law and Public Administration and the Institute of Law held a conference on **"Law and History in Palestine"** on 20 December 2008 in which a number of Palestinian and foreign law experts and historians participated.
- **Security Sector Administration in the Arab re-**

**gion: what is the role of civil society?** A conference organized by the Institute of Law during 22-23/6/2009 in Amman - Jordan in partnership with the Foundation for the Future and the Geneva Center for Democratic Control of Armed Forces.

- Regional Workshop - **"Do we need a culture of landscape in the Arab world, and why?"** Organized by the Faculty of Engineering, held during 21 - 23 November 2008 in Amman, Jordan.
- **Second BirMUN Conference** at BZU in which with students from Germany (Osnabruck University), Kosovo (Pristine Univ.), Uganda and Palestine have participated, held on 24- 30 June 2008 and organized by the Democracy & Human Rights Program at BZU.
- The Master's Program in Democracy and Human Rights at BZU held a student conference entitled **"Readings in the Democratic Transition"**, on 29 May 2009 at the Best Eastern Hotel in Ramallah. The conference included presentations of research papers prepared by students in the program, related mechanisms of democratization and a number of case studies from different countries and others related to the development of the Palestinian political system.
- **Development of educational research in Palestine** held by the Ibn Rushd Unit for Educational Development, aiming to intensify educational research in universities and research centers and to included different research areas.
- **Jerusalem: History of the Future** – a conference hosted by BZU during 1-4 August 2009, which addressed issues on Jerusalem such as the Arab and international policies towards Jerusalem, legal and demographic status, Israeli plans and the occupation of Jerusalem its cultural identity and the role of Jerusalemite institutions.
- **The Palestinian conference on "Modern Trends in Mathematics and Physics,"** held by the Physics Department at BZU on 28 July 2009, in which Palestinian and foreign scientists participated.



# Research and Publications



One of the most significant academic achievements BZU and the **Institute of Community and Public Health (ICPH)** was the acceptance of five research papers to the prestigious British Scientific Journal *Lancet*. A team from the ICPH wrote the journal over the course of two years of continuous work, combining many important scientific resources and developing the capacities of the research team in the process. The research papers were presented at two additional conferences in London, *The Lancet Conference and the Conference of MAP*, as well as at an ICPH conference held at BZU entitled *A Series of Research Related to the Health Situation in the Occupied Palestinian Territory*. This achievement was the result of the collective hard work and efforts of the institute's research team.

*Lancet* is one of the top scientific journals in the world. All five research papers were published on the magazine's website on 5 March 2009. ICPH's research team collected detailed information on the historical and contemporary health conditions and services in Palestine and the region within a global context. The information was drawn from multiple databases and through fieldwork. The information and documents compiled as a result of the research will remain an important future reference on the subject.

The research team at the Institute was composed of eleven researchers: Dr. Rana Al-Khatib, Dr. Rita GLACAMAN, Dr. Abdel-Latif al-Husseini, Dr. Awad Matariyeh, Dr. Hanan Abdel-Rahim, Dr. Samia Huleileh, Dr. Nevine Abu Rumeileh, Dr. Nahed Makki, Ms. Laura Wick, Mrs. Sahar Hassan - Al-Bitar, and Ms. Yuka Van der Meuln, along with a number of researchers from the Palestinian Ministry of Health, the Central Bureau of Statistics, civil labor organizations and UNRWA.

The research team has held several workshops over the last two years. These workshops counted on the participation of international specialists in the field of public health, and provided a platform for presentation of the preliminary research results prior to publication. *Lancet*, presented the research to five specialists (arbitrators) before they approved its publication. Researchers from prestigious universities such as Oxford, Yale, Harvard, Oslo and Helsinki, along with researchers from Arab countries including Lebanon and Egypt participated in the conference. This was an important event for the health community and

the Arab world, not only because of the authenticity and quality of the research, but also because of the knowledge imparted regarding the health conditions in Palestine under the Israeli occupation.

BZU aims to develop its ability to disseminate knowledge while undertaking research at the highest level. Within the framework of BZU's efforts a range of moral and financial assistance was provided to encourage scientific research and development of the academic level of its programs. The 2008/2009 academic year saw the doubling of resources allocated to promote scientific research, with BZU providing twenty-one full or partial research grants. BZU witnessed, during this academic year, remarkable research and academic achievements, with researchers from different disciplines publishing numerous articles in refereed scientific journals, and presenting several papers at international and local scientific conferences. They also contributed to the publication of several scientific books, studies, reports and periodicals.

During the 2008/2009 academic year, faculty members and researchers from various faculties, institutes and community centers published a total of two hundred eighty-five scientific papers, including articles in scientific journals, research papers, working papers, studies, books and reports. 90 of those articles were published in refereed scientific journals in both Arabic and English (**See Appendix I page 59**).





## Working Papers:

A number of faculty members, researchers and staff of various institutes and community centers have participated in international, regional and local conferences in which they presented a combined total of one hundred twenty seven working paper **(See Table I page 59)**.

## Books, Studies, Reports and Periodicals:

During this academic year, faculty members at BZU and staff of community institutes and centers published 20 books; nineteen in Arabic and one in English, in addition to three book contributions in Arabic. Furthermore, faculty members and researchers at the community institutes and centers published ten studies and seven reports in Arabic and English, as well as 26 periodicals in the fields of water, media and engineering. **(See Table II, III, IV, V & VI on pages 65, 66)**.

## Master's Theses:

During the 2008/2009 academic year, and under the

supervision of numerous faculty members and researchers at BZU's community centers and institutes, sixty two Master's Theses were discussed in Arabic and English. **(See Table VII page 68)**.

## Participation in Conferences

In addition to the active participation and contributions to research and working papers, a large number of faculty members and researchers attended fifty six international conferences and workshops. **(See Table VIII page 70)**.

## Funded Research Projects:

In alignment with BZU's support for research and development through the Office of Academic Affairs and Academic Development, and in cooperation with various international institutions, 87 research projects were financed that were submitted by a variety of faculty members related to development and health. **(See Table VIII on page 70)**.





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# Academic Development



This academic year saw a great deal of constructive cooperation between the academic and administrative support units. In order to develop and support academic programs, workshops and conferences. Further, this year saw the admission of students in to new programs: Business Economics and M.Sc. Chemistry. BZU was successful in attracting new faculty members, where 308 full-time faculty members worked during the year 08/09, compared to 283 faculty members in the previous year 07/08. Also, there was an increase in the total number of undergraduate students, which amounted to 7295 students.

In cooperation with the Ministry of Planning and with the support of the World Bank, the Faculty of Engineering at BZU organized a three day workshop on **“Educational Capacity Building to Support Land Sector in Palestine”**, held during 25-27 October 2008, in which a number of local and foreign experts participated. Representatives from many Palestinian municipalities and land authorities were active in the discussion during the first day of the workshop.

**The Second Birzeit International Information Technology Summer School** brought together highly qualified groups of scholars and students, both international and Palestinian, to work on courses at the cutting edge of Information Technology and helped encourage networking and future collaboration.

**The Center for Continuing Education** played an active role in promoting **e-learning**, to improving the level of many academics and updating knowledge and skills.

**Diploma in Legislative Drafting Skills**, launched as a pioneer project by the Legislative Support Unit at the Institute of Law. This program is a pilot one, and will develop during the first quarter of the academic year 2009/2010.

## Academic Projects:

During this academic year, BZU provided financial support to research projects submitted by faculty members in their respective fields of specialization, as well as partial or total support for their participation in international and regional conferences in which they have presented working papers and research findings. The Office for Academic Affairs was able to provide additional support to the academic development through the Ford Foundation for two years covering various academic activities including scientific research and participation in scientific conferences, curriculum development and workshops, in addition to other academic activities at BZU. (See funded research on page 23).

Also, there was a proposal for the establishment of a **“Students’ Counselling Center,”** aiming to provide academic and vocational counselling, in response to the needs of students and with the intention of linking with the needs of Palestinian society and the changing climate of a university to provide a catalyst for education and creativity that includes work of the Center for Academic Counselling for freshmen students and others, in addition to psychological counselling, community and vocational guidance (Career Counselling).

**Najjad Zeenni Information Technology Center of Excellence** (NZITCE) has conducted several IT projects, including: Arabic Center for Global Text Project, funded by Mohammed Bin Rashed Al-Maktoum Foundation, Mediterranean University Governance Initiative, funded by Tempus, Information & Communication Technology Magazine, funded by the Belgian Technical Cooperation, Student Technology Excellence Program, funded by the American Near East Refugee Aid, and Pre-Incubation Program (Business Start-up Center, funded by the Dutch Government).

**The Faculty of Engineering** continued in its project “Integration of Virtual Reality in Education & Research” funded by the Quality Improvement Fund, which is implemented by the Ministry of Education and Higher Education and supported by the World Bank and the European Commission (EC).

- The Faculty of Law and Public Administration prepared a pilot diploma program on **Legislative Drafting**, funded by the member of the French Government Council and Expert in Administrative Law, Mr. Jacques Fournier.



- In the field of information technology, a student graduation project was prepared on **“Navigation System for Ramallah City-Municipality of Ramallah 2008”**, dealing with the activation of Arabic research on the internet 2009, as a grant from the Google Company in California.
- Preliminary studies for the establishment of an **Educational Investment Fund**, prepared by the Faculty of Commerce and Economics.
- The Institute of Environmental and Water Studies is developing the environment curriculum in Palestine through the Project **“Education and Culture-Tempus”** entitled: “Developing a Strategic Plan for the Reform of Environmental Studies in the Higher Education System of Palestine”, in addition to:
  - **Raising Public Awareness on Environmental Risk Factors** within the Schools and Communities of the West Bank and Gaza Strip, funded by: Italian Cooperation.
  - **Geographic Information System (GIS)** Curriculum Development and Training in Palestine, Curriculum Development and Training, funded by European Commission through Tempus program.
- The Institute of Women Studies has obtained an approval from IDRC to fund **“Updating Information on Gender in Palestine Project”**. Also, it provided scholarships for four students.
- The Institute of Law implemented the **Legislative Support Administration**, funded by Konrad Adenauer Foundation, through which the diploma program in legislative drafting was formulated, guide for the Palestinian commercial law was prepared, services in legislative support and legal encounters.

## New Faculties and Programs:

The Office of Planning and Development prepared a feasibility study for the establishment of the **Faculty of Education at BZU**, and the Board of Trustees approved the study on 9/2/2009, and was submitted for adoption by the National Accreditation and Qual-

ity Assurance. Further, two undergraduate programs have been accredited: Mechanotronics Engineering and Bachelor Program of Education.

The Masters Program of Physics and the Master Program of Environmental Biology were accredited, while the Master Program in Land Management was approved by the Ministry of Planning as part of an MA program in Urban Planning and Landscape Architecture. Also the program in community psychology has received full accreditation.

In addition, the Professional Diploma in Legal Practice for young lawyers was accredited.



## Student Body:

The numbers of enrolled students in the Bachelor program during first semester 2008-2009 is 7295 and during the second semester is 6980, distributed as follows:

FACULTY	1 <sup>ST</sup> SEMESTER				2 <sup>ND</sup> SEMESTER			
	Males	Females	Total	%	Males	Females	Total	%
Arts	553	1525	2078	28.5	510	1456	1986	28.5
Commerce & Economics	725	862	1587	21.6	731	825	1556	22.3
Science	257	643	900	12.3	192	596	788	11.3
Engineering	883	377	1260	17.3	844	363	1207	17.3
Information Technology	313	215	528	7.3	289	202	491	7.0
Law & Public Administration	330	477	807	11.1	342	484	826	11.8
Nursing & Allied Health Professions	26	109	135	1.9	20	106	126	1.8
GRAND TOTAL	3087	4208	7205		2948	4032	6980	
Distribution of %	42.3	57.7			42.2	57.8		

## New students:

The number of new students enrolled in various undergraduate programs for the academic year 08/09 is (2143) students, who were accepted in accordance with the adopted requirements, distributed as follows:

Faculty/Program	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	Total
Arts	512	61	573
Media	61	10	71
Commerce & Economics	313	42	355
Science	258	10	268
Engineering	305	27	332
Information Technology			
Computer Systems Engineering	82	5	87
Computer Science	94	5	99
Law & Public Administration			
Law	70	7	77
Public Administration	78	10	88
Political Science	82	16	98
Nursing & Allied Health Professions			
Nutrition & Dietetics	61	2	63
Nursing and Allied Health Professions	30	2	32
Total	1946	197	2143

## Students Enrolled in the Graduate Studies:

Number of students enrolled in the Graduate Studies during first semester is (1227) students, of which (418) are new students, while the number during the second semester 1189 students, of which are (121) new students distributed in the various master programs.



## Master Graduate students:

The graduate students who have completed their graduation requirements in the various master's programs in the first semester amount to 83 students and the number of expected graduates in the second semester is 161 students.

## Bachelor Graduate students

371 students have completed their graduation requirements by the end of the first semester 08/09, while the number of graduate students by the end of the second semester has reached 828 students.

## New Centers and Units:

- **Center for Educational Technology**, supported by the Japanese International Cooperation (JICA), established by the Office of Academic Development to promote the more effective use of technology in education to ensure quality, and provide sources for various faculties, in addition to conducting individual/collective training and to assist faculty members in the use of technology in education.
- **Center for Population Studies**, established in cooperation between the Ibrahim Abu-Lughod Institute of International Studies and the Faculty of Graduate Studies.

## Development of programs and vocational training:

- **The Ibn Rushd Unit for Educational Development** developed the Bachelor course of Mechanical Engineering at the Faculty of Engineering, finance and banking courses at the faculty of Commerce and Economics, Faculty of Commerce, as well as French language courses at the Faculty of Arts.
- In the area of e-learning, the **Unit of learning Innovation at the Center for Continuing Education** developed the efficiency of 12 faculty centre in various academic departments each BZU, Al Quds University and the University of An-Najah. Each University acquired new skills and knowledge to strengthen the capacity of three faculty members, as well as assisting in the development of study material available electronically. This approach is very effective, has led to the development of 36 new modules.

- Moreover, the **Center for Continuing Education** strengthened the capacity of faculty members at universities, through the design, development, delivery and evaluation of 18 *e-enabled* courses in social sciences was developed the skills and the *e-enabled* teaching methods under the supervision of the Center, resulting in the design of research-based planning, in addition to training their colleagues on modern skills that will contribute to effective national efforts in educational reform
- The **Faculty of Engineering** developed practical training program, which was approved for all specializations at the Faculty. Moreover, the Ibn Rushd Unit for Educational Development organized a series of workshops for professional development of the faculty members at BZU entitled "introduction to university education, evaluation methods in higher education, the use of technology in education, advanced introduction to higher education."
- The **Academic Support Unit** held specialized training courses for graduate students both in English and Arabic: techniques of academic writing methodology (in the humanities and social sciences) in Arabic, directed readings in the humanities and social sciences in Arabic. Also, it introduced four other new courses: (1) techniques of academic writing methodology (Applied Science); (2) Statistical analysis; (3) Individual training workshops for



students registered for research and thesis writing in Arabic.; (4) Individual training for students in student research seminars, who are registered for thesis writing in English.

- The library worked on developing the skills and capacities of its staff and organized training courses and workshops on various topics: Introduction to Library and Information Science; Introduction to Library and Information Science in Jordan, and an advanced course in the Minisis program and its applications in Tunisia. Also, the BZU library worked on developing its acquisitions by subscribing to five new databases and increased the number of periodicals to reach 332 titles in print and 8618 titles electronically.
- **Public Awareness: Activities that assist in developing the academic knowledge of BZU students.** BZU faculties, departments organized a number of lectures, aiming at improving awareness among students from within and outside the university on all fields:
  - **Faculty of Science** hosted a number of lecturers to develop the students' knowledge of many specialized scientific fields, whereby more than 18 lectures in various scientific topics were held.
  - **The Faculty of Information Technology** organized a number of scientific lectures in the field of information. **Najjad Zeenni Information Technology Center of Excellence (NZITCE)** also contributed by hosting a number of lecturers to talk about vital issues.
  - **Faculty of Engineering** organized 11 lectures.
  - **Faculty of Nursing and Allied Health Professions** organized a number of lectures on various health topics.
  - **The Institute of Community and Public Health** organized 11 lectures on various subjects.

## Cultural activities:

- **Department of Political Science** has held numerous lectures on various political domains.

- The Institute of Law in collaboration Faculty of Law and Public Administration have held a series of lectures on various legal and administrative issues. Also the Institute of Law held lectures on the **"Role of Civil Society Organizations in Supporting the Efforts of the Palestinian Authority in the Security Sector Reform"**.
- **Faculty of Commerce and Economics** invited successful businessmen to talk about their practical experience and their success stories.
- **Faculty of Arts** held more than 40 lectures in the fields of Arab Language, Sociology, Education and History.

## Honorary Awards:

- **The Law Department** participated in a competition about the Universal Declaration of Human Rights, which was coordinated by the Office of the High Commissioner for Human Rights in the Palestinian territories. The task was to adopt an educational initiative with regard to the Universal Declaration of Human Rights, which included a plaque and books on international law valued at \$1500.
- The main University Library won the prestigious award from UNESCO - Information for All Program (IFAP) and through the Federation of Eiffel electronic sources, also won the best success story in 2008 for using **"Open Source System"** for the operation and effective use of old computers in June 2008.
- **Dr. Mehdi Arar** from the Department of Arabic Language and Literature has earned two awards:
  - Kuwait Foundation for Scientific Advancement Award for the best book in Literature and Humanities for 2008.
  - Shangeet Award from Mauritania in 2008.
- **The Dean of Faculty of Information Technology, Dr. Adnan Yahya**, won the Google Prize for Scientific Research, Google Inc. - California, USA.
- **The students Ali Salhi, Anwar Hithnawy and Mirna Fawadleh** under the supervision of Dr. Adnan Yahya won the Google prize for the best student graduation project from the Union of Arab Universities and the

University of Petra - Jordan.

- **Two students** of the Faculty of Information Technology won an Award for best project in the field of information technology in the Arab world.

### Scholarships and grants:

- Students **Amer Yousef, Ahmed Bdair and Abdullah al-Issa**, from the Faculty of Information Technology, under the supervision of Dr. Adnan Yahya, won a grant to implement the graduation project on a navigation system for the city of Ramallah.
- **Three faculty members of Science** won a Fulbright grant for the year 2008/2009.

- **Faculty of Law and Public Administration** obtained two doctorate scholarships in law by researchers from the Institute of Law, who attained the Masters degree in Law (**Mahmoud Dodeen and Kamal Al Shafii**). The Faculty also sent 10 students to France during summer to enrol in an intensive course in French for a month and a half. Two students were financially covered.
- The Gender Equality and Development Forum granted a doctoral degree in the empowerment of local voices at the Institute of Women Studies for **Amira Salmi, Lora Edwan, Hanan Abu-Ghosh, Nida' Awwad and Rola Abu-Dahho**.







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# International Cooperation:





During this academic year, BZU hosted a number of international visitors, most notably Professor John Ellis, one of the leading scientists in the field of theoretical physics at the European Organization for Nuclear Research "CERN", located in the city of Geneva on the Swiss-French border. He was hosted by the Department of Physics during his visit he gave a lecture on November 17, 2008.

The Physics Department hosted scientists, including Dr. Lynn Evans from CERN, who delivered a lecture on "The Explosion of the Universe."

The University also hosted international visitors from the British scientific Journal *Lancet*, and well known researchers from well known universities such as the University of Oxford, Yale, Harvard, Oslo, Helsinki and researchers from Arab countries including Lebanon and Egypt, as part of a conference on public health, held by the Institute of Community and Public Health. This was considered a milestone in the Arab and international health communities due to the originality of this research and knowledge provided about the health conditions under occupation.



In the course of an interview with Professor Richard Horton, editor of *The Lancet* and one of the international visitors, he told *Global Health TV* why he hopes the *Lancet* series on Health in Palestine will change the way the international community thinks and discusses the challenges facing this region and hopefully subsequently give urgency to resolving this conflict - bringing both Palestinians and Israelis the peace and health they deserve.

- The Department of English Language and Literature hosted Professor W. J. Mitchell on 2 June 2009, who gave a lecture entitled "Extreme Social Environments: Gaza Primary Example. W.

J. Mitchell is professor of English and Art History at the University of Chicago. He is editor of the interdisciplinary quarterly journal, *Critical Inquiry*, which is devoted to critical theory in the arts and human sciences.

- As part of the **second Annual Palestine Festival of Literature (PalFest)**, the Department of English Language and Literature hosted a group of writers and artists, who visited Palestine on 25 May 2009.
- In partnership with the Adala Association in France, BZU hosted the First "Euro-Palestinian Universities' Summer School", in collaboration with Bethlehem



University, Palestine Polytechnic, Arab American University, Al-Quds University - Abu-Dees, as well as Al-Quds Open University. The Adala Association opened the "1<sup>st</sup> Euro-Palestinian Universities' Summer School" at BZU Campus on July 6, 2009. This event comes within the framework of the role of higher education in the building and development of states in crises.

Within the context of the development of relations between BZU and a number of institutions, centers and universities in the world, BZU hosted a number of international visitors, including heads of universities, scientists, academics, delegations of international centers, government representatives, and consuls during the year 2008/2009, in addition to representatives of international bodies like the United Nations, international scientific organizations, delegations from the Arab regional commissions, international journalists, trade unionists, lawyers, and a number of international personalities, included:

- The **Belgian Consul-General** and a number of Presidents of Belgian universities visited BZU on June 27, 2009.
- A **Kuwaiti delegation** comprised of the Vice Chairperson of the Commission "Kuwaitis for the Sake of Jerusalem," Abdul Aziz al-Mulla, to participate in the celebrations for "Jerusalem as the capital of Arab culture 2009."
- The Institute of Ibrahim Abu-Lughod of International Studies (IALIIS) hosted this year Mr. John Wilkes, a spokesman for the British government for the Middle East, in order to discuss British policy in the Middle East and US President Barack Obama's policy in the region. Also, IALIIS hosted Mr. Robert Serry, the Representative of the Secretary-General of the United Nations Special Coordinator for the Peace in the Middle East, where he gave a lecture on the United Nations and the peace process in the Middle East. Moreover, IALIIS hosted Professor Joseph Massad from Columbia University, who delivered a lecture/discussion on the "**Question of Islam, Psychoanalysis, and Liberalism**" on, March 23, 2008.

## Participation in International and Regional Activities:

- 179 administrators, academics and researchers participated in many meetings, conferences and



workshops, and they presented working papers, studies and research.

- One of the most prominent BZU participations for the academic year 2008/2009, was the university's participation in the **Consortium of Universities of the basin of the Mediterranean Sea (UNIMED)**, held in Tunisia between 23 and 26 October 2008, in addition to the participation in a workshop on international education, in which 10 Arab universities participated, aimed at establishing a forum to encourage foreign students to enroll in their academic programs.
- Also, the Institute for Environmental and Water Studies (IEWS) participated in the **World Water Forum (WWF)**, which is the biggest meeting on international water issues, where the world comes together to share concrete solutions for water problems. It is a triennial event, organized by the World Water Council and the government of the host country. The IEWS was represented at the WWF by Dr. Ziad Mimi and Dr. Maher Abu-Madi. During the various sessions of the forum, the achievements of the IEWS and BZU were shared with large number of participants from all over the world.
- The Faculty of Information Technology participated in the "**Open Source Training**" in the field of nano technology, and participated in the **International Conference for Nano Technology**, held in Jordan during 10-12 November 2008.
- The Institute of Women's Studies (IWS) participated in seminars, held at the **Goldsmith's University** in the UK, through an academic exchange between IWS

and the Department of Sociology at the University of Goldsmith during 8-14 March 2009. Also, IEWS participated in international training programs from May through June of 2009, held at the **Institute of International Conflict Research - University of Ulster in Northern Ireland**, and in the **Open Democracy Foundation in Guatemala**.

- The Department of Architectural Engineering participated in an art and architectural gallery at The Hague, entitled **"No Man's Land"**, organized by the Dutch G-Mac Institute, in which it presented the works of several artists, poets, architects, and writers from Palestine.
- The Institute of Community and Public Health (ICPH) participated in international training programs held at the American University of Beirut and the American University of Cairo under the title: **From Science to Action: Reproductive Health in the Arab Countries**. Also, the ICPH has developed the Mental Health Unit by strengthening cooperation between ICPH and MAP-UK, in addition to participating in the regional team coordinators meetings to discuss the new **Welcome Proposal** for the network presentation.
- The faculty of Law and Public Administration participated in an international two-week training course, held in September 2008 entitled: **"Local Development"** at the National Institute for Administration in Paris, France.

## Cooperation Agreements:

- A cooperation agreement with the **University of Bergen** on 28 November, 2008 and the signing of the new cooperation project with the Institute of Women's Studies.
- On January 20, 2009, BZU signed a cooperation agreement with the **Belgian Government** to develop a legal and judicial data bank at the Institute of Law.
- On 15 July 2009, the Acting President, Dr. Abdel-Latif Abu-Hijleh, signed an agreement with KFW /UNDP to construct the road that is to connect the new building of the Faculty of Nursing and Allied Health Professions with the rest of the University's facilities.
- An agreement between the Center for Continuing Education and the **Foundation for Learning for Employment**, stipulating that the CCE will provide

a training program for the design of programs, applicable to the Palestinian labor market, in cooperation with the private and public sectors.

- The Faculty of Nursing and Allied Health Professions signed a cooperation agreement with the **University of Ghent**, allowing access for BZU students to training opportunities at the University Hospital, and cooperation in the field of academic research, with the possibility to obtain grants for PhD students.
- On May 26, Birzeit University finalized a Memorandum of Understanding between Birzeit University and **Minnesota State University, Mankato, USA**. The Memorandum of understanding was signed by President Nabeel Kassis of Birzeit University, Dr. Scott R. Olson, Provost and VP for Academic Affairs at Minnesota State University, Mankato, and Dr. Lee S. Tesdell from Minnesota State University, Mankato.
- The BZU President, Dr. Nabeel Kassis and the **Consul General of Spain** in Jerusalem, Ambassador Ramon Ansoa'in, signed a Memorandum of Understanding on 20 October 2008. The memorandum aims at supporting Spanish studies-language, culture and literature - at BZU, where the Directorate General for Cultural and Scientific Relations at the Spanish Ministry of Foreign Affairs and Cooperation will propose a candidate to the post instructor/assistant at the Department of Languages and Translation - BZU. The MoU is valid for an initial minimum cycle of three years to a maximum of three cycles equivalent to nine academic years.
- The BZU Main Library renewed its agreement with the **eIFL Union for Electronic Sources** to obtain databases for journals in full text for three years until



the end of 2010, these databases are: Cambridge University Journals, Boone and the Institute of Physics (IOP).

- The Library signed a cooperation agreement on January 2009 with Representatives from **UNDP, French Development Academy** to provide services and the establishment of a specialized library in mental health at the Ministry of Health, for one year from June 2009 to May 2010.
- The Office of Academic Development signed three new agreements with each of: **University of Waterloo in Canada, University of Euro Med Management in France, and University of Evangelische Hochschule in Germany.**
- The Media Development Center signed a cooperation agreement with **Radio Monte Carlo** for the training of students on radio production. It was signed on 11/9/2008 for a period of 5 years.

### International Joint Programs:

The various BZU departments and institutes have implemented long-term programs with a number of international universities and institutions, most notably:

- The Faculty of Engineering continued to cooperate with the Department of Landscape Architecture and Spatial Planning at the University of Life Sciences/Norway and with the University of Dortmund, Technical University of Munich, and the Lacambra University in Belgium and the University of Rome. This resulted in the development in the teaching program of master's degree in urban planning and landscape architecture during 2008, as well as the planning and development of the old part of Birzeit town, in cooperation with Ruwaq Center Rozana Center and the Municipality of Birzeit.
- The Najjad Zeenni IT Center of Excellence has strengthened relations with a number of companies and institutions:
  - **Cisco Networking Academy:** Is an innovative educational initiative that delivers information and communication technology skills to improve career and economic opportunities around the world.
  - **Dutch Agency for Development:** Spark develops education and entrepreneurship so that young and ambitious people are empowered to lead their society into prosperity.







- **First Lego League International:** An international organization that strives to create a world where science and technology are celebrated and where young people dream of a career in science and technology.
- **Microsoft Corporation:** The world's premier student technology competition that challenges talented students to use the power of technology to help solve the world's toughest problems.
- The Institute of Environmental and Water Studies (IEWS) hosted the AWARDNET Network in Palestine for one year. The Network aims to provide certain areas of water and sanitation services, and to protect of precious water and environment resources. Also, the Institute renewed its partnership with the network PoWER of the management of joint research in the field.
- **Also, IEWS is working as a water consultant to Austrian Representative Office (ARO)** during March 2008 – March 2010.
- **The Institute of Women's Studies** activated relationships between its staff and prestigious foreign universities' staff, and worked on developing courses that deal with the issues of violence and conflict. With respect to courses on gender and development, the Institute cooperated with the Institute of Social Studies in The Hague, Netherlands.
- The **Institute of Community and Public Health** has developed cooperation relations with: UNFPA, Theodore Springman Foundation, University of Oslo, Norway, University of New Castle Upon Tyne, MAP and Ford Foundation, through which ICPH implemented the following projects: Course on Population & Development, Women's health. Reproductive health services capacity building through teaching, training and policy and operational research, Improvement of the Quality of Mortality Data in Palestinian Territory, Anemia Intervention, Lancet, and MEDCHAMPS (CVD and Diabetes) Psycho-Social Health.



# Community Outreach:





During this academic year 2008/2009, BZU 's faculties, institutes and community centers have participated in a variety of activities, conducted by the private and public sectors, manifested in a fruitful cooperation between the various different sectors of Palestinian society in the areas of health, environment, engineering, education, law and culture, most notably:

- In cooperation with local companies, BZU has signed an agreement with the Palestinian Telecommunication Group, to build a **research and educational network**, based on second-generation internet technology, to develop the University's network.
- In the area of training of university graduates, the **Center for Continuing Education** at BZU in partnership with the University of Jordan Training Program "capabilities", which aims to train university graduates to acquire professional technical skills in: project management, research skills and professional writing and English language.
- Seeking to strengthen the relationship between BZU and the public and private sectors, the **Faculty of Commerce and Economics** organized the 14<sup>th</sup> Annual **Career Day** on 26 May 2009, sponsored by the Palestinian Telecommunications Company, "Jawwal". The events aim to help faculty graduates find job opportunities on one hand, and to serve the public and private sectors to recruit the right staff required to meet their needs on the other hand.
- On 27 May 2008, the **Faculty of Engineering** at BZU organized the "**Engineering Day 2008**", during which exhibitions by engineering companies and industries were held, as well as graduate students' projects, scientific seminars, followed by an honorary ceremony for distinguished students

## Health and Environment

BZU plays a vital role in research, training, awareness, coordination and cooperation with the community to improve the health and environmental aspects through:

### 1 - Projects and Applied Research

- The Institute of Community and Public Health has been active in the field of applied research in various topics:
  - Women and Health: fulfilling the needs of pregnant and birthing women
  - Palestinian Midwives' Voices

- Gazan women and midwives: **Trapped Between Bullets and Labor Pains Quality of life of Palestinian mothers in the postpartum period: assessment and determinants.**
- Reproductive health services capacity building through teaching, training and policy and operational research.
- Youth smoking in stressed environments: determinants and resiliency (Argentina, Colombia and Palestine).
- Palestinian Adolescents Coping with Trauma (PACT project: phase III).
- Equity in Health Care Financing and Utilization.
- The Institute for Environmental and Water Studies conducted applied research for the Ministry of Agriculture, Al-Bireh Municipality and schools of the West Bank and Gaza Strip:
  - Social and Economic Assessment for Reuse of Treated Effluent from Al-Bireh Wastewater Treatment Plant in Irrigated Agriculture (West-Bank, Palestine)
  - Raising Public Awareness on Environmental Risk Factors within the Schools and Communities of the West Bank and Gaza Strip.
  - Conduction of a National Pesticides Survey in the West Bank and Gaza
- The Faculty of Engineering conducted a research project on **Jerusalem stone**. The results were positive, in terms of improving the quality of concrete and reducing its cost in addition to contributing actively in the preservation of the environment from any damage during the process. It also conducted a survey and evaluation of the project to establish *Nations Garden* in Ramallah for the municipality of Ramallah.
- **The BZU Testing Laboratories** has carried out two projects, where water samples were collected from water networks in Shouks and Shaboura in Rafah, Gaza and Nuseirat.

### 2. Training:

- **The Institute for Environmental and Water Studies** held three courses: applications of geographic information systems (GIS), training of trainers in the fields of environmental health and the use of pesticides in agriculture, and public health, from which



many parties had benefited such as: government ministries and semi-governmental organizations, environmental health services staff in the Palestinian Ministry of Health, health inspectors and managers in the department of environmental health at the Ministry of Health from all over the country, as well as farmers in the districts of Jericho, Jenin and Gaza.

- With regard to training on health issues, the **Institute of Community and Public Health** conducted courses on:
  - Primary Training Program for the Study of Anaemia among Infants
  - Training CBR Workers on Administering the Youth Questionnaire
  - Training in Demographic Methods
  - Training on Population Health Concepts and their Use in Writing Policy Briefs

The beneficiaries were: health care staff from primary health care clinics/ MOH, and UNRWA, PMRS, and CBR Workers. The training targeted mid-level professionals at governmental and non-governmental institutions.

- **The BZU Testing Laboratories** conducted training courses on “Develop the olive oil sector in Palestine” Project, from which the owners of olive Presses and farmers benefited.

### 3. Workshops:

- The **Faculty of Engineering** have been active in holding a number of workshops for several organizations, most importantly: PECDAR, Municipality of Birzeit, and the villages of the Municipality of Itihad (Baitillo, Hammaleh and Deir Ammar). The courses dealt with the topics of: designing and planning school grounds, implementing the draft structural plan of the villages of the municipality of Itihad and revitalizing the historic town of Birzeit by using the MS project software.
- The **Institute of Environmental and Water Studies** held several workshops on water, sustainable development, wastewater re-use, women’s leadership, management of water and the Arab Network for the integrated management of water resources (AWARENET) Palestine Branch, in addition to stolen Palestinian water. It included a number of ministries, institutions, municipalities, schools, Palestinian Water Authority and water institutes.

- The **Institute of Community and Public Health** conducted workshops on:

- Working with youth as a strategy for the CBR program,
- Youth and community development.
- Child Abuse and Neglect: Training Needs Assessment of UNRWA Health and Social Care Professionals
- Reading and Analyzing Maternal and Child Health Data
- Adolescents and disability
- Midwives Audit Practice Review
- Experience exchange on “youth as a strategy”
- Palestinian Midwives Quality of Practice Review

The benefiting organizations were: CBR workers in Nablus and Jenin, UNRWA Nurses and midwives, Maqassed Hospital and Ramallah Hospital.





#### 4. Cooperation and Coordination:

- The **Faculty of Engineering** in the Cooperation Committee with municipalities and in the Selection Committee to chose the Construction Rules Compliance Observer for the municipal buildings, architect, and surveyor for the Municipality of Birzeit.
- The **Faculty of Engineering** participated in the follow-up of events to commemorate the Centennial anniversary of the municipality of Ramallah in 2008, which aims to strengthen the role of open spaces as areas for performances, hosting interaction between students of architecture and community members.
- Also, the Faculty of Engineering has cooperated with Rosana Society/Birzeit, Municipality of Birzeit and Ruwaq Center during the year 2008/2009, in the implementation of the "Old Town of Birzeit Project".
- BZU Testing Laboratories participated in the drafting of a cooperation agreement with the Ministry of National Economy, aiming to activate a mineral oil lab, and the work with the Inframan Company has been completed.

#### 5. Consultancies:

- **The Institute for Environmental and Water Studies** has worked as an advisor to the Representative Office of Austria by assessing the environment and water studies that are funded by the Austrian government.
- The **Faculty of Engineering** offered consultancies for the Rawabi-Masar Project, by providing a study on "wastewater management in the City of Rawabi" and a study of the traffic for the same project, in addition to preparing a study on "State of the Transport System in the Euro-Mediterranean Region - Case Study: Palestine" submitted to UNIMED.
- The **Architectural Engineering Department** participated in some of the activities, held by the Municipality of Ramallah, specifically in the study and evaluation of the project "Establishment of the Nations Garden" in Ramallah, and participated in the interviewing committee for the appointment of the municipality's staff.
- The **BZU Testing Laboratories** held several meetings with officials in the General Petroleum Corporation to develop the cooperation agreement between the BZU and the Corporation.

## Education, Development and Media:

- The **Ibn Rushd Unit for Educational Development** implemented a number of educational projects including: private schools project network model, the project “devoting active learning in teaching and learning” and the photography project for five distinguished cases in teaching, from which students of the fourth, sixth and ninth grades benefited, as well as 2000 students from 17 private schools in five governorates: Jerusalem, Ramallah, Bethlehem, Hebron and Jericho, in addition to several educators and researchers.
- **The Center for Development Studies** at BZU conducted three research studies on: measuring the decline in Palestinian labor market, development state in the occupied Palestinian territories: the impact of conflict on development, linking young people through universities with the labor market. This research is a survey from which the following have benefited:
  - 1200 women and 600 men in the Gaza Strip,
  - 6400 citizens in the West Bank and Gaza,
  - 1000 university students from five partner Palestinian universities in the project
  - Training 25 graduates on issues related to employment opportunities.
- **The Media Development Center** implemented a number of media projects, focusing on: Children’s Literature project, electronic portal for journalists project, curricula development and training methods in the Palestinian universities project, radio management, from which the following had benefited:
  - Children with disabilities
  - Those working in local broadcasting stations on children’s programs
  - Journalists and Palestinian media institutions
  - Media students in Palestinian universities
  - Managers and decision makers in local radio stations in the West Bank

### Training:

- **The Media Development Center** held a number of training courses, aiming to train journalists in the West Bank and Gaza on the human and professional issue with regard to children’s stories in Palestine, training on professional media coverage of issues on reproductive health, implementing a training project in the Palestinian News Agency, targeting reporters and editors. This project is divided into two phases: Firstly the press focuses on language skills and sec-





only addresses correspondence skills and advanced editing. Second, television reporting (one-person team)/Gaza, and the production of television programs, additionally it ran a series of short courses: "News about your city" in Gaza, radio reporting in Gaza, radio stories, media production, and informational drawing from which the following have benefited:

- Journalist working in the Palestinian media, both written and audio-visual journalists
- Those working in the Palestinian News Agency WAFA
- Trade unionists working in the newspaper *The Worker's Voice*, which is published by the Federation of Trade Unions of Palestine
- Journalists, producers and directors working at local Palestinian radio stations.
- The **Center for Development Studies** organized a training day for field workers on "research tools" in Gaza City, as well as a training workshop for workers on "methods and basics of scientific research," in Ramallah.
- The **Institute of Women's Studies** participated in the training on the introduction of gender issues in the survey form for women in local councils.

- The **Ibrahim Abu-Lughod Institute of International Studies** conducted two training courses on diplomacy for the diplomatic staff of the Ministry of Foreign Affairs and some students working at the program in various Palestinian institutions.

## Law:

### Research Projects:

- The **Institute of Law and the Faculty of Law and Public Administration** at BZU were actively involved in the implementation of projects and conduction of research, focusing on the issues of human rights and legislation.
- The **Institute of Law** has established a specialized database that links legislation and the court's verdict within the information technology law project. It also implemented the Palestinian "security sector reform" project.

### Diploma Programs:.

- As part of continuing legal education project of the Institute of Law, the Professional Diploma in Legal Practice (PDLP) was offered, which consists of courses in professional knowledge and practice, skills and



values, accredited by the Ministry of Higher Education.

- The Legislative Support Unit at the Institute of Law has implemented activities in key areas during the academic year 2008/2009, which included the development of a diploma program in legislative drafting and a guide to Palestinian Commercial Law.

## Training

- The Department of Public Administration at the Faculty of Law held a special training session for the youth sector in the field of “international humanitarian law”, organized by the Center for Cooperation and International Peace, and also held a training course on legislative drafting, which has benefited the legal staff of the Ministry of Interior Affairs.

## Legal awareness

• As part of a joint activity between the Institute of Law and the Faculty of Law and Public Administration, 11 legal encounters were held, addressing a number of different topics, especially those relating to domestic and international laws, in which local and international experts and specialists have participated. The topics of these legal encounters were as follows:

- The Contemporary Concept of Legistics
- Regulation of Severance Pay under the Palestinian Labor Law



- Mortgage as Bank Security
- Income Tax Law and Relevant Amendments
- British policy in the Middle East
- Managing Property Taxation and Supporting Development
- Social Market Economy – Third Way or Compassionate Capitalism?
- Lawyers Discuss Incorporation of Human Dignity Concepts in Legal Applications and Pleas
- The Errant Ways of Unilateralism: The Iraqi Case
- The Fall of the Berlin Wall and Building the Justice System: The German Experience
- The Palestinian Experience in the Legislative Process between Reality and Aspiration
- The **Department of Public Administration** held seminars on the essentials of development, prosecution and trial in the Palestinian Code of Civil and Commercial Procedures, and held a workshop on the status of local government in Palestine, and on the Palestinian experience in the legislative process between reality and ambition, and on the testimony of witnesses in the law of evidence, Palestinian, and on State security and human security in conflict and post-conflict societies, and about the role of the media in the Palestinian security sector reform, and about drugs and young people.
- In cooperation with the **Institute of Law**, the **Faculty of Law and Public Administration** held **five lectures**, aiming to make aware both students and society to legal issues such as: Behavior control of lawyers and judges, Lawsuit procedures in civil and commercial courts, conflict versus immunity and the United Nations and the Peace Process in the Middle East.

## Consultation and Cooperation

- The **Institute of Law** signed a memorandum of understanding with the Palestinian Bar Association, and the legislative Support Unit proceeded with the implementation of activities related to the adoption of laws during 2008, such as: legal framework of ownership and disposition of immovable property for real estate in Palestine, draft Children’s Act, Audio-Visual Law, Law on public procurement, drafting of health regulations, and the law of the Palestinian News Agency (WAFA).
- The **Public Administration Department** held sev-



eral meetings with local and international institutions to follow up on the drawing of a future vision of the Palestinian local government sector, supported by the CHF, team from the Ministry of Local Government, JICA and the Planning Department at the Ministry of Local Government.

### Capacity-building in continuing education and information technology:

- In the area of educational reform and learning capacities building within the universities, the **Center for Continuing Education** is working on transforming the learning innovation teams into learning innovation models at the Bethlehem University, Birzeit University and Al Quds University to enable them to lead and support the process of educational reform in the universities and to contribute to the process of educational system reform on the national level.
- Through the **Capabilities** Program at the **Center for Continuing Education**, the Palestinian educational capacities are being developed to implement effective

reforms in the Palestinian educational system, through the adoption of innovative learning solutions supported by technology, and partnerships with the private sector to enhance support for education-based technology.

- The **Center for Continuing Education** worked on improving the capacity of Palestinian institutions that support the poor, through the use of a wide range of new effective models and by seeking understanding with the non-governmental organizations concerned with youth, micro-finance and community development, as well as agriculture for the sake of the poor.
- In the area of capacity-building, the main **library** at BZU held several meetings during February and June 2009 between members of PALICO, aiming at drafting the bylaws of PALICO and the acquisition of electronic resources at the best prices available. Moreover, the Library has also created the web page of PALICO.
- The **Library** has also provided consulting and technical support on the use of the computerized system



M21 for Al-Haq, and provided advice and technical support for establishing a mental health library at the Palestinian Ministry of Health.

### Diploma Programs

- The **Center for Continuing Education** institutionalized diploma programs in counselling and supervision of counselling. These programs have strengthened to a large extent the capacity of national institutions involved in psychosocial well-being, and they achieved great success at the Ministry of Education since they are considered as a requirement for the recruitment of all counsellors and supervisors

### Training:

The **Center for Continuing Education** through the Unit for Learning Innovation has conducted training on learning innovation models. These programs have empowered the human resources and organizational capacity of Palestinian institutions through the provision of services to individuals and institutions, vis-à-vis training programs and the training of trainers on short-and long-term bases, sustaining professional development through diploma programs and specialized courses, and at the same time enhancing modern educational skills by optimal practices.

On the other hand, the Center managed the course for the non-governmental organizations to upgrade the level of or writing funding proposals that are submitted to donors in the West Bank and Gaza Strip, and capacity-building in the needs assessment, and in the field of vocational training, and the training of trainers. The Center has also worked on building the capacities of the President's Office in the field of vocational training and training of trainers.

Seven partners of the DIAKONIA were trained in the field of children's literature, implementation of an on-line training program for teachers of drama, needs assessment and training of the General Union of Disabled Palestinians, in addition to the training of rural communities through the use of a local development model, supported by the World Bank.

In the field of information technology, the **Najjad Zeenni Information Technology Center of Excellence** held ten technical courses and four workshops on:

- 3D Animation Workshop
- Oracle Technology Awareness
- Information Security Awareness
- Imagine Cup (Microsoft Technology Competition) Awareness
- In addition to the following two activities:
- First Lego Robotics League Competition
- Microsoft's Imagine Cup Competition.





مدرسه رشیدی  
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# Student Life





## Student Clubs

### Student Debate Forum

The BZU debate Forum conducted a series of debates based on the idea that intellectual pluralism and arguments are vital prerequisites for the progress of human thought; this embodies freedom of opinion and democratic practices, and reveals the need for the development of society. The BZU Debate Forum seeks to promote research, debate, logic based dialogue, rationalism, respect for the opinions of others, and recognition of the right to freedom of expression. It aspires to become a distinguished forum for debate on the Palestinian and Arab levels.

- The BZU Debate Forum held its **Third debate entitled "The Priority is for Negotiations, not Resistance, in Light of the Current Balance of Power"** on 16 December 2008. The Head of the Political Committee at the Palestinian Legislative Council, Dr. Abdallah Abdallah, and Former Minister, Dr. Mustafa Barghouti, took opposing sides of the issue in question. The debate was mediated by an arbitration committee composed of the following BZU faculty members: Dr. Ali-Jarbawi, Dr. Kamal Abdel-Fattah and the Executive Director of the Independent Commission for Citizens' Rights, Mrs. Randa Siniora. The debate was attended by students, professors and those concerned, whose votes for Dr. Barghouti amounted to 72.9%, compared to 27.1% for Dr. Abdullah.
- The Debate Forum at BZU also held its **4<sup>th</sup> student debate** on 19 May 2009, which was supported by the Welfare Association. The debate took place between two groups of university students on the following issue: **"Gaza is the Beginning of Victory."** At the end of the debate, the team in favor obtained 62% and the opposing team won 37.2%. The Forum adopted the scheme of equally dividing the result between the arbitration committee and the audience. The team in favor got 54.8% of the arbitration committee votes, while the opposing team got 45.2%. The audience gave the team in favor 70.8% of its votes and 29.2% for the opposing team.
- To break the routine of lectures and seminars, the **Ashab "Friends" Forum** adopted the debate and dialogue style to open discussions on hot issues that impact student life such as: technology is a double-edged weapon, female student dorms, etc...

### Student Training Programs

A series of training activities was carried out by BZU faculties and units, which aimed to develop the skills and capabilities that shape and refine the student's person-

alities as follows:

- **The Deanship of Student Affairs** organized a number of courses in various fields such as women's rights, time management and prioritization, self-reinforcement, self-confidence, and a workshop on getting acquainted with others. It also conducted training on planning for an innovative spirit project that aims to develop the creative capacities of students, expose their potential, and refine personal self-strengthening; 20 students were trained to plan for the project.
- The **Faculty of Engineering** conducted training programs for its students on the following: Orcad, Matlab, Pspice, MS project and STAAD.
- The **Faculty of Nursing and Allied Health Professions** conducted training programs for its students on: Food Flow in Food Service and Food Safety, Course (NUTD 336), Orientation on disability services/ Abu Raya Center, Karyotyping.
- The **Faculty of Commerce and Economics** conducted several trainings for its students through special programs. One such example is the cooperation project between BZU and the Injaz Foundation, which aims to develop the skills of students and help them get into the labor market.
- The **Faculty of Law and Public Administration** held a series of training courses organized by AMAN called "The Legal Framework Governing the Anti-Corruption Process in Palestine," which was held for law students in the following Palestinian universities: BZU, Al-Quds University, An-Najah University, and the Arab American University.
- The **Faculty of Arts** organized field training in the specialized branch of education at Tishreen University in Syria from 5/7 - 4/8/2009. Additionally, Algerian University of Baji Mokhtari held trainings in the French language, sociology and psychology during 15/6-30/7/2009, benefitting nine students. Jinan University in Lebanon held training in journalism between 1 July 2009 - 30 July 2009, benefitting two



students. Additionally, trainings in radio, television and media took place at the University of Khartoum in Sudan from 15 July 2009 -15 August 2009 benefiting six students, along with a training course in SPSS for the students of Arts and Graduate Studies by the Najjad Zeenni Information Technology Center of Excellence. Finally, the Faculty of Science organized two courses on SPSS and project management.

## Cultural Activities

- The **Deanship of Student Affairs** organized a cultural program of public lectures for students on self-confidence and self-reinforcement, and held an open discussion on depression and other topics of interest to BZU students.
- As part of events for the community, a breakfast was organized for BZU students in collaboration with the Palestinian telecommunication company Jawwal. The **Palestinian Prisoners Day** was organized in collaboration with YMCA and in coordination with the Palestine Youth Forum to promote the concept of Palestinian heritage and folklore.
- The **Faculty of Engineering** organized a number of visits to engineering companies within engineering courses to assist students in learning about the internal systems of these companies.

## Art Activities:

The **Dean of Student Affairs** organized two courses on

guitar playing, a course on art drawing for beginners, held two courses on chess playing, and held a number of art exhibitions.

Also, a **Brazilian musical performance** was organized, along with a festival entitled "Jerusalem as the capital of Arab culture 2009," and a series of films were screened within the **fourth Shashat Film Festival in Palestine**.

Moreover, BZU hosted a theatrical play "**Why Not**" (Drama of the Oppressed) performed by the drama group from the University of Bethlehem. The play aimed to shed light on the attitudes and issues associated with the lives of people, especially students and their concerns. Also, BZU coordinated with the **Ashtar Theatre Festival** within the Theatre of the Oppressed Festival called **Raise your voice asking for your right**, in addition to organizing performances on campus by international theatrical groups from Germany, Bosnia and Portugal.

Finally, on the special day for the people of Gaza there were performances at BZU by the singing group "**Sanabel**" and the **Dabka group "Roots,"** along with the festival celebrations of "Jerusalem is the Capital of Arab Culture" and the Palestinian Heritage Festival.

## Voluntary Work

The Voluntary Work Program at BZU conducted a training course to increase students' awareness of their role



in the university and the community, and to highlight the importance of giving willingly for the happiness of others. To keep in harmony with this vision, the program organized activities and implemented projects inside and outside campus. Activities included the olive harvest campaign, the BZU campus cleaning and weeding campaign, participation in the project supporting people with special needs, drawing a smile on the face of patients in the Ramallah Government Hospital, Friend of the Aged Project (in cooperation with the General Union of Arab Women /Bireh), and many others.

Within the framework of the Voluntary Work Program, a cooperative was formed in conjunction with the Friends of BZU entitled **“Made by students of Birzeit University,”** which was composed of students skilled in embroidery and copper engraving, undertaken to help under-privileged students.

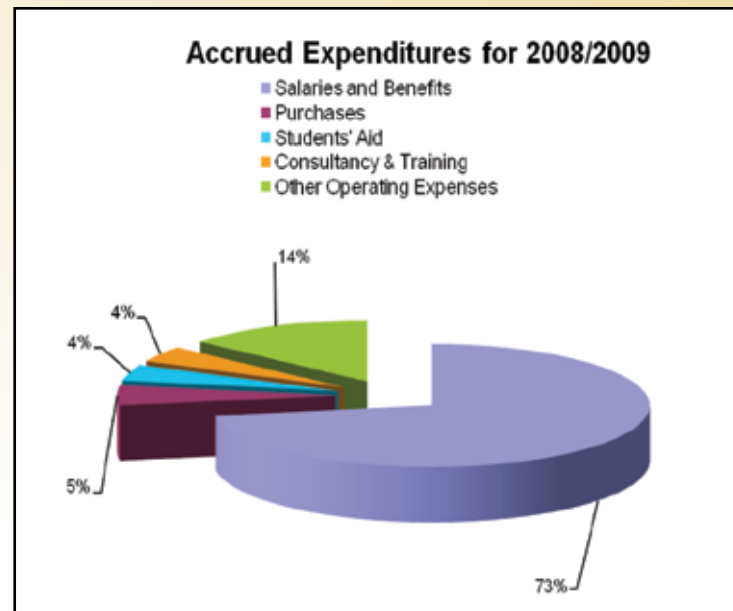
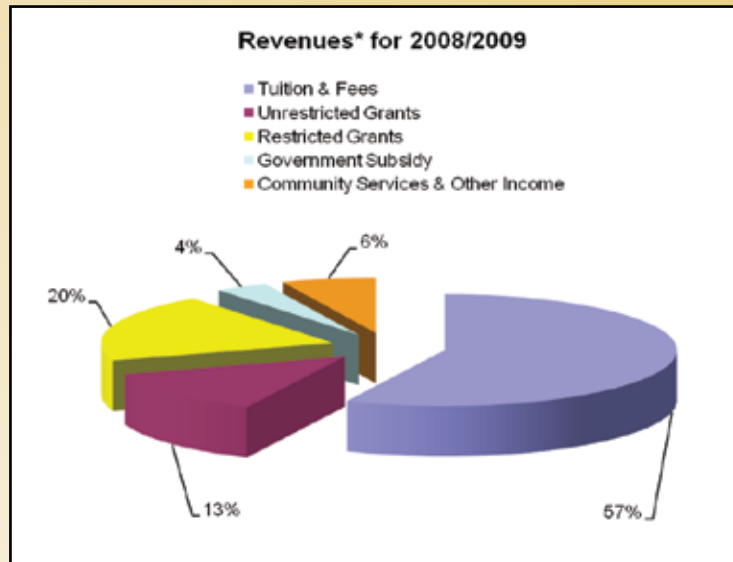
## Student Council Elections

The student council elections took place on 15 April 2009, with the following results: the Martyr Yaser Arafat Bloc won 24 of 51 seats, the Islamic Al-Wafaa' Bloc won 22 seats, the Progressive and Democratic Student Pole Bloc won 4 seats and the Progressive Student Union Bloc got 1 seat. The Martyr Omar Qasem Bloc, the Student Initiative and the National Movement did not win any seats.

The Dean of Student Affairs, Mr. Mohammad Al-Ahmad, noted that 5898 students out of 6970 voted with a voting percentage of 84.62%, wherein 103 votes were canceled and 65 ballots were void. He explained that the elections took place in a calm democratic atmosphere and reflected that BZU students are responsible democratic citizens.



# Financial Statistics



**Notes:**

\*Figures for revenues and expenditures are calculated on accrual basis.

\*\*Student Aid is allocated from the accrued tuition and fees.

## Alumni and Friends of BZU (FOBZU)

Issuing the Yearbook of the Faculty of Engineering

The faculty of Engineering has issued the "Graduates' Yearbook" for the 26<sup>th</sup> batch of 2008/2009, supported by the Palestinian Telecommunications Company Jawwal". It includes photos of the Faculty's graduates, highlighting student's innovative initiatives.

The Institute of Women Studies invited the graduates to present research papers in the First Women Conference. Also, it has published their research in the Institute's magazine, in addition to nominating a number of students to attend various training courses abroad.

Institute of Community and Public Health (ICPH):

- Through the continuing education plan for training via yahoo groups, ICPH continued to communicate with the graduates by inviting them to attend lectures and training courses, as well as distributing scientific articles and publications.
- Updating the alumni database, and following up with them all the necessary changes regarding their contact details.
- Assisting some of the graduates in obtaining scholarships to develop their capabilities on abroad.

## The Campus

This year has seen some developments in the academic facilities on campus such as the construction of the Center for Development Studies and the third annex building for the Institute of Law, in addition to the implementation of many of the infrastructure and development works at the university.

During the year 2008/2009, the engineering office has completed the following projects:

- Installation of water reservoirs through the "Afaq Company"
- Construction of the building for the Center for Development Studies and was received on 7 May 2009.
- The Institute of Law annex building was completed in May 2009.
- The third power plant was completed and connected with the Electricity Company, in order to provide energy for buildings in the east and north of campus.

## Facilities under construction

- Work is still ongoing on the new administration building.
- Work is still ongoing on the building for the Faculty of Nursing and Allied Health Professions and is expected to be received in November 2009.
- Design of the Faculty of Education building and the tender has been processed, while the implementation is scheduled to begin during May for a period of 18 months
- A cabinet was built and installed with an ATM, sponsored by the Bank of Housing.
- A branch of the Bank of Palestine has been established inside the Al—Maktoum Building.
- 500 trees were planted in the north of the campus.
- On 26/1/2009, the Implementation of the project to finance the Street in front of the Faculty of Nursing and Allied Health Professions, in collaboration with the Engineering Office at the German Development Bank (Kfw) and the United Nations Development Program (UNDP)



# Research and Publications

## APPENDIX I: Articles in Refereed Journals

### Faculty of Science:

- Saleh, Mohammad, 2008, GLOBAL ASYMPTOTIC STABILITY OF THE HIGHER ORDER EQUATION, *leJEMTA*: Vol. (4)1, 75-89
- K.M.Swaileh.A.abdulkhaliq, R.M. Hussein and M.Matani., Distribution of Toxic Metals in organs of Local Cattle, sheep, goat and poultry from the West Bank, Palestinian Authority, *Bull. Environ. Contam. Toxicol.* DOI 10.1007/s00128-009-9704-x.
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- 9740/05 Plonit v.Shari'a Court of Appeals and H.C.J. 1129/06 Plonit and other v. Shari'a Court of Appeals in Law and family (32p.) (Accepted).
- Asem Khalil, CARIM Research Paper 2009, Palestinian Refugees in the Host Arab States: A Rights-Based Approach... Robert Schuman Centre for Advanced Studies, San Domenico di Fiesole (FI) European University Institute, Available at: [http://cadmus.eui.eu/dspace/bitstream/1814/10792/1/CARIM\\_RR\\_2009\\_08.pdf](http://cadmus.eui.eu/dspace/bitstream/1814/10792/1/CARIM_RR_2009_08.pdf)
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### Faculty of Law and Public Administration:

- Moussa Abou Ramadan "Notes on the Anomaly of the Shari'a Field in Israel", Vol. 15:1 (2008) of *Islamic Law and Society*, 2008, Vol.15.pp.84-111.
- Moussa Abou Ramadan (Main writer) and Daniel Monterescu, "Islamic Justice in 'Jewish and Democratic' State: Cooptation and Islamization of the Shari'a Field", *Mishpat U-Mimshal*, 2008, Vol11., pp.435-473
- Moussa Abou Ramadan "Les nouvelles transformations dans la garde d'enfant en droit musulman dans les pays arabes : Le libéralisme patriarcal" *Droit et religion* .(18p.). Accepted
- Moussa Abou Ramadan ,Recent Development in Child Custody in Shari'a Courts : Notes on H.C.J

### Faculty of Engineering:

- Awadallah, Faisal (2009), Intersection Sight Distance Analysis and Guidelines, *Transport Policy (Elsevier)*, Accepted April 2009.
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  - Thawaba, S. (2009), Urban Growth of a City Under Siege: Tulkarm, Palestine Over the Past Century, *Journal of Planning History*, vol. 8, no. 1, February 2009 27-46.
  - Abu Hanieh, A., Orientation of Solar Photovoltaic Panels in Desert Regions, *International Review of Automatic control (IREACO)*, Accepted in September 2008.
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  - Daood, Yosef, 'Competition, Substitution, or Discretion: An Analysis of Palestinian and Foreign Guest Workers in the Israeli Labor Market' *Journal of Population Economics* (Accepted Oct. 2008 - Ted Aranki-coauthor).
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- **Mohammad Farraj & Tamer Essaw**, Helicobacter pylori, a causative agent for vitamin B12 Deficiency, *Journal of Infection in Developing Countries*. 2008; 2 (5): 346-349.
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## Faculty of Commerce and Economics:

- Sabri, Nidal, Causes of stock market crises in the Developed economies **International Journal of Business and Globalization** 3 (4) 2009; 415-435.
- Sabri, Nidal, Impact of trading volume on stock price volatility in the Arab economy **Journal of Derivatives & Hedge Funds** 2008, 14 (3-4) 285-298.
- Sabri, Nidal, Rate of Return on Investments in the Palestinian Housing Sector **Journal of Economics Policies** (April, 2009); 15-35
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## Faculty of Arts:

### History Department:

- Sroor, Musa, (2008), Les juges et la privatisation des biens waqfs à Jérusalem au XIX<sup>e</sup> siècle, *Arab Historical Review for Ottoman Studies*, N. 38, December 2008.
- Sroor, Musa, (2009) Les Waqfs juifs à Jérusalem entre 1880 et 1914 : Objectifs charitables ou politiques ?
- Mia'ari, Mahmoud, (2009), "Transformation of collective Identity in Palestine", *Journal of Asian and African Studies*. Forthcoming August or October 2009.
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- Al-Sa'ed, R., Abu-Madi, M., Heun, J. 2009. Advancing environmental education and training for sustainable management of environmental resources in Palestine. *Applied Environ. Education and Communication* 8(1), 1-11.
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- Abu-Madi, M. (2009) Farm-level perspectives regarding irrigation water prices in the Tulkarm district, Palestine. *Agricultural Water Management*.
- Al-Deek, Z., Abu-Madi, M., and Al-Sa'ed, R. (2009) Acceptance of rural communities in Ramallah and Al-Bireh Governorate to use treated wastewater. *Derasat Journal*, University of Jordan. (In press).
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### **Master Theses Published in Refereed Scientific Journals:**

- Al-Jamal W. and Mahmoud N. (2009) Community on-site treatment of cold strong sewage in a UASB-septic tank. *Bioresource Technol.*, 100(3), 1061-1068.
- Al-Deek, Z., Abu-Madi, M., and Al-Sa'ed, R. (2009) Acceptance of rural communities in Ramallah and Al-Bireh Governorate to use treated wastewater. *Derasat Journal*, University of Jordan.

### **Library:**

- Wasel Ghanem and Diana Sayej-Naser, 2009. *LTSP Guide: Extending the life of older computer hardware in your library: how to set up a Linux Terminal Server Project Installation*, the Birzeit University Library experience.



**TABLE I: Working Papers:**

Faculty of Information Technology			
#	Author	Working Paper	Conference
Dr. Wasel Ghanem		Open Source as Sustainable Solution in Developing Countries”	15-16 May, 2008, Italy
		Technology Entrepreneurship: Theory to Practice	7-8 <sup>th</sup> July,2008
		Collaborative Projects in Teaching (CPT)”	Two workshops October, 2008 & Feb.2009,
		Quality & Assessment of e-learning courses RUFO	24 <sup>th</sup> Dec.,2008-5 <sup>th</sup> Jan. 2009
Dr. Adnan Yehya		International Workshop on Nanotechnology	November 2008 Amman, Jordan.
		Google EMEA Faculty Summit,	February2009. Zurich, Switzerland
		Summer School & UNESCO Conference on Education for Sustainable Development.	March 23-April 4, 2009 Germany
		Germany-Middle East Conference on Research Collaboration.	May 9-11, 2009 Amman, Jordan
Faculty of Science			
Jameel Harb		International Conference Postharvest Unlimited	4/11/2008-7/11/2008
Abdel-Aziz Shwabkeh		Nanostructured Advanced Materials	Amman,10-13/11/2008
Tayseer Aruri		Nanostructured Advanced Materials	Amman, 10-13/11/2008
Edward Madi Sader		Nanostructured Advanced Materials	Amman, 10-13/11/2008
		Scientific cooperation between the Arab world and Germany	Amman, 9-12 May, 2009
Henry Jaqaman		Tenth Conference on the Intersections of Particle and Nuclear Physics	San Diego, CA 26-31 May, 2009
Ramzi Rihan		Comparative study on existing management structures at Tertiary Education Institutions (TEIs) with the aim of improving their governance and management	Ministry of Education and Higher Education sponsored by the World Bank in Jericho on May 25, 2009
Faculty of Low & Public Administration			
Asem Khalil		Israeli-Palestinian Conflict: Prospects for Peace.	Regional Flashpoints and Transatlantic Policies, the Hellenic Foundation for European and Foreign Policy (ELIAMEP) in co-operation with the Balkan Trust for Democracy in Belgrade and the Hellenic Aid, Ministry of Foreign Affairs, Athens, 25-29 June 2008

<b>Faculty of Law &amp; Public Administration</b>		
Asem Khalil	Constitution-Making and State-Building: Redefining the Palestinian Nation,	Regional Flashpoints and Transatlantic Policies, the Hellenic Foundation for European and Foreign Policy (ELIAMEP) in co-operation with the Balkan Trust for Democracy in Belgrade and the Hellenic Aid, Ministry of Foreign Affairs, Athens, 25-29 June 2008
<b>Faculty of Arts</b>		
Asem Khalil	Constitution-Making and State-Building: Redefining the Palestinian Nation,	International Conference on "Constitutionalism in Muslim Countries" and "Challenges to the Afghan Constitution – Impulses from a comparative Perspective.", Max Planck Institute for Comparative Public Law and International Law, Dubai, UAE, 12-15 February 2009
Abdel-Rahim Al-Shaikh	Via Dolorosa: Jerusalem, Berlin, New York,"	delivered at Columbia University in the international conference: Orientalism from the Standpoint of its Victims—1948-1978: Thirty Years to Orientalism, Sixty Years to the Nakba, New York, on November 8 <sup>th</sup> , 2008
	Mahmoud Darwish: The Prophet and the Prophecy,"	delivered at Berlin-Brandenburgische Akademie der Wissenschaften in the international tribute : "Mahmoud Darwish: wo du warst, und wo du bist," Berlin, November 11 <sup>th</sup> , 2008.
	The Sufi's Dance: Three Maps and One Terrain,"	delivered at the House of World Cultures in the international symposium: Islamic Calligraphy and Contemporary Dance/Art, sponsored by Ha'atelier-Platform for Philosophy and Art and the Allianz Cultural Foundation, (Berlin), June 1 <sup>st</sup> , 2008.
Malak Qattawi & Othman Sharkas	First symposium on Wastewater Reclamation and for Water Demand Management in Palestine.	Birzeit University, 2-3 April 2008, Birzeit Water Drops, pp.3-17, 2008
Ahmad Hammad	Landscape Planning under Political Instability – Palestine as a case study	The 13 <sup>th</sup> Architectural week: Landscape Architecture and resorts Modern Vision.Amman, 22-26/6/2009
	Perception of landscape change: Artas Valley/ Palestine	2 <sup>nd</sup> Conference for the MA Research, Amman, 28-30/9/2009
Marwan Ghanem	The water resources management in the OPT, pollution as well as scientific cooperation.	Scientific Visit to TU Bergakademie Freiberg in Germany, for the period (26.1.-7.2.09) for
	Groundwater pollution due to pesticides and trace elements in Tulkarem and Jenin area / N-West Bank,	Paper submitted to the international conference in the Integrated Water Resources management Morocco in Fez, 26 – 30 October 08 (without participation).
<b>Faculty of Engineering</b>		Paper submitted to the international conference in the Integrated Water Resources management Morocco in Fez, 26 – 30 October 08.

Al-Bishawi, M., Ghadban, Sh., and Jorgensen, K., (2008)	The relationship between Women's Need for Privacy and the Physical form of Public Space	the First International conference on "Urban Planning in Palestine", AL-Najah National University, Nablus, October, 21st – 23rd, Pp 307-336.
Ghadban, Sh. (2008)	Landscape Education in Palestine	Proceedings of the International Symposium "Change of Identity in Cultural landscape", Istanbul, 17-18 October.
Thawaba, S. (2008)	Historical sites Management and GIS: A case Study from Ein Senya, Palestine	The Sixth International Conference on Science and Technology in Archaeology and Conservation, United nations World Tourism Organization, Rome, Italy, December 8-14.
Ghadban, Sh. (2008)	Landscape Education at Birzeit University	Regional Workshop "Do and Why We Need a Landscape Culture in the Arab World", BZU/UMB, Amman/Jordan, 21-23/11/2008
Nazer, S. (2008)	Landscape Diversity in Palestine	Regional Workshop "Do and Why We Need a Landscape Culture in the Arab World", BZU/UMB, Amman/Jordan, 21-23/11/2008.
Bishawi M., (2008)	Gender Issues and Urban landscape	Regional Workshop "Do and Why We Need a Landscape Culture in the Arab World", BZU/UMB, Amman/Jordan, 21-23/11/2008.
Anani, Y.. (2008)	IFLA, A reference to a Regional Body for Landscape Architecture, "Landscape Architecture in the Arab World: The Concept and the Mission"	Regional Workshop "Do and Why We Need a Landscape Culture in the Arab World", BZU/UMB, Amman/Jordan, 21-23/11/2008
<b>Faculty of Arts</b>		
Sroor, Musa	Le Marché immobilier à Jérusalem entre 1987 et 2007	MOBILITES, FRONTIERES ET CONFLITS DANS LES ESPACES ISRAELO-PALESTINIENS ET LEUR PERIPHERIE IREMAM - Aix-en-Provence - France
Mahmoud Abdel-Fattah	EFL Online Curriculum Development: Problems and Challenges	CDELT conference, Ain Shams University, Cairo: 1-3 March, 2008
	Opting for what Matters: Quality Teaching	Quality English Teaching Symposium: Encountering Challenges, Birzeit University, August 30-31, 2008
	Role of Contrastive Text Analysis in Teaching Translation: Prepositions as a Case	The American University in Cairo and Western Michigan University: International Conference on Applied Linguistics and Rhetoric: Challenges in teaching Languages and Rhetoric, Cairo, 23-25 March, 2009
	EFL Online Curriculum Development: Problems and Challenges.	CDELT conference, Ain Shams University, Cairo: 1-3 March, 2008
Samir Rammal	Facilitating Peer- Response Journals by Using E-mail	CDELT Symposium, Ain Shams University, Cairo, Egypt March 1-3, 2008
	Teaching English in a Technological Context	Oxford University Press CAMENA Annual Conference, Antalya, Turkey, February 15-19, 2009



Tagrid Abed	Case Study : Teaching two Levels of Instruction in the Same Class room	Quality English Teaching Symposium: Encountering Challenges, Birzeit University, August 30-31, 2008
Patricia Kanaa'neh	Teaching Vocabulary Actively Based on Primary and Secondary Research	First national EFL Symposium, Birzeit University 21-26/8/2008
Rajaa' Rantisi	Localizing the AWL in a Palestinian Context	Quality English Teaching Symposium: Encountering Challenges, Birzeit University, August 30-31, 2008
<b>Faculty of Graduate Studies- DMHR</b>		
Helga Blaumgarten	"Hezbollah. Resistance and Opposition"	(German Middle East Studies Association) Annual Conference, Univ. of Erfurt (Oct.2-4, 2008)
	Muslim Brothers, Authoritarian Governments and the Quest for Democratic Transformation: The case of Hamas and the Palestinian Authority controlled by Fateh, 2004-2008.	MESA Annual Conference, Washington DC. ( November 22-25, 2008
	State Prevented: The case of Palestine	Lecture Series on the State in the Middle East., Tuebingen University, Tuebingen, January 2008
	the Gaza-Strip in the context of a weekend	seminar on the Middle East conflict and the situation in Gaza in particular., Evangelische Akademie Bad Boll (April 2008
	Hamas	Diplomatische Akademie, Wien, (May 2008
	The conflict between Fateh and Hamas.	Haus der Demokratie, Berlin, July 2008
<b>Faculty of Commerce &amp; Economics</b>		
Sabri, Nidal	Key Note Speaker	International Business and Economics Conference, Terengganu, Malaysia, November, 2008
	Monetary Policy and Inflation Targeting	Workshop, ERF and Femise, Tunisia, October, 2008
	Mediterranean Research Meeting	European University Institute in Florence, Italy 1. (March 2009).
	Country role models for development success	United Nations University, Helsinki, June, 2008
Yousef Dawood Aysit Tansel co-author.	'Changing returns to education in Palestine and Turkey'	GERPA and Dubai School of Government -November 2008 Italy,
Hind Muhtasib	The impact of FEMIP an economic growth in the Mediterranean Nan-memo be countries:2003-2007.	
Murad Harsheh	Summary on MA Thesis	International Business Research Conference" Dubai, 16-17/April, 2009

Institute of Community and Public Health		
Rita Giacaman	Politics and the challenge of development in on-going conflict: the case of the occupied Palestinian territory	Canada and Research for Development: Past, Present and Future' Conference, Waterloo, Canada, Sept. 2-3, 2008
	Trauma management within community: a case study from the occupied Palestinian territory	Trauma, Peace Building and Development conference, New Delhi, India, Sept. 9-11, 2008
	Planning for gender equitable, decentralized access to services on ongoing conflict situation	Mexico City, Mexico, Nov. 18-21, 2008
	Health conditions and health services in the occupied Palestinian territory	CCAS Annual Symposium. Palestine and the Palestinians today, Georgetown University, Washington DC, USA, April 2-3, 2009
Niveen Abu Rmeileh	Marriage patterns in the oPt.	British Society for Population Studies Conference 2008, The University of Manchester, UK
Weeam Hammoudeh	Palestinian women's experiences of the postpartum. Presentation on research findings and taking part in discussions on AUB project and plans for intervention	American University of Beirut Beirut, Lebanon, Oct. 13-14, 2008
Yoke van der Meulen	Palestinian youth and agency – growing up with hopeless hope.	The Hague, the Netherlands, Nov. 20-21, 2008
Sahar Hassan-Bitar	My First Research Experience: Reflections of a Palestinian Nurse-Midwife Researcher	Birzeit National Research Conference, Birzeit, oPt, Jan. 7, 2009
Weeam Hammoudeh	Palestinian women's postpartum quality of life. Had one presentation on research findings; attended meeting and took part in discussions	Maternal Health in the Arab World and the CCCC: Future Strategies in Research and Dissemination, American University of Beirut Beirut, Lebanon, Feb. 4-7, 2009
Laura Wick	Palestine team's lessons learned in the CCCC research experience and emerging themes for the new research cycle.	Maternal Health in the Arab World and the CCCC: Future Strategies in Research and Dissemination, American University of Beirut Beirut, Lebanon, Feb. 4-7, 2009
Ms. Sahar Hassan-Bitar	-Rational use of medicine in selected reproductive mobile health clinics: the case of anti-infectives	The Fifth Palestinian Pharmaceutical & First Clinical Pharmacy Conference, Ramallah, oPt, May 6-8 2009
Dr. Rana Khatib	-Scientific committee. Drug utilization reviews in Palestine: Gaps between theory and Practice	
Dr. Awad Mataria	- The Health Care System: Assessment and Reform Agenda	
Laura Wick	Normal Labour and Birth Research Conference: Facilitate workshop on networking: the experience of the CCCC regional network. (funded by CCCC).	Normal Birth Conference, Grange Over Sands, England, June 10-12, 2009
	Maternal and Newborn Health Programming Attendant	Workshop on Maternal and Newborn Health Programming, WHO, Geneva, June 29-July 3 2009

Dr. Niveen Abu Rmeileh/ Ms. Weeam Hammoudeh	Singlehood among Palestinian women	Reproductive Health Working Group Annual Meeting (RHWG) Meeting, Aleppo, Syria, July 14-17, 2009
Ms. Sahar Hassan-Bitar/ Ms. Laura Wick	Gazan women and midwives: trapped between bullets and labor pains	Reproductive Health Working Group Annual Meeting (RHWG) Meeting, Aleppo, Syria, July 14-17, 2009
<b>Institute of Environmental and Water Studies</b>	"Building a participatory national consensus towards wastewater reclamation and reuse in Palestine"	1 <sup>st</sup> water Conference, organized by the Arab water Council, Riyadh, 16-22 March 2009
<b>Institute of Women Studies</b>		
Islah Jad	Oslo and the de-mobilization of Palestinian Social Movements	15 <sup>th</sup> Years After Oslo: What Now For the Middle East, 14-17/6/2009"
	Research Paper	Conference in Georgetown . 30/3-4/4/2009
	Research Paper	The Power of Movement, 13-20/11/2008
Eileen Kuttub	Research Paper	Conflict Studies and Human Mind Organization, Madrid, 28-29/4/2009.



### Table II: Books

Halawani, Rula, (2008), Retrospective, Botanique Museum, Brussels September 2008, Published a book, La Votre Volee

### TABLE III: Reports

Institute of Community and Public Health,

Publisher	Title	Author
The World Bank, Washington, USA.	Analyzing Health Equity in the West Bank and Gaza	Mataria, A. Raad, F. (2009
Institute of Community and Public Health, Birzeit University, Palestine.	Child Abuse and Neglect: Training Needs Assessment of UNRWA Health and Social Care Professionals.	Narrainen, S. (2008
Institute of Community and Public Health, Birzeit University.	Are we going to be able to support our Parents in the next coming years in the occupied Palestinian territory (oPt)?	Abu Khader, K., & Zeidani, M. (2009).
Institute of Community and Public Health, Birzeit University.	Determinants of Contraceptive Use in the occupied Palestinian territory.	Hammoudeh, W. (2009).
Institute of Community and Public Health, Birzeit University.	Marriage Patterns in Palestine. Population Reference Bureau	Jarallah, Y. (2008

### TABLE IV: Studies

Faculty of Commerce & Economics		
Author	Title	Publisher
Nidal Sabri & Rania Jaber	Investment Opportunity Study: Business Activities at Birzeit University	BZU, 2008

### Table V: Periodicals

Author	Title	Publisher
Institute of Environmental and Water Studeis	Birzeit Water Drops No. (6)	Birzeit University, IEWS, April 2008

**TABLE VI: Master Theses**

Program	Student Name	Title of Thesis	No.
<b>Water and Environmental Sciences</b>	Mahmoud Abdel-Hameed	Rainwater Harvesting for Domestic Uses in Two Palestinian Rural Areas with Emphasis on Quality and Quantity	
	Fayez Abu-Hilou	Spatial and Temporal Variations in Hydrochemistry and Isotopic compositions of the Ground water and Surface Runoff in the Jordan Rift Valley (case study for Ramallah Jerusalem Sub-Basin)	
	Abdel-Latif Dawood	Health Risks Associated with Consumption of Untreated Water from Household Roof catchment systems	
	Kamal Zorba	Improving the Keeping Quality of Green Bell Peppers Irrigated with Saline Water	
	Manal Shkoukani	Development of an Environmental Management System for Selected Palestinian Dairy Industries	
	Adel Salaymeh	Assessment of Water Quality of Cisterns in Hebron City	
	Sireen Abu-Jamous	Climate Change and Its Impacts on Water Supply and Demand on Palestine	
	Marwan Eid	Identification of the Optimal Solution for the Groundwater Pollution Problems Using GIS as a Planning Tool	
	Ahmed Jadallah	Alleviating Salinity Stress of Vegetables Irrigated with Brackish Water Through the Application of Naturally Occurring Plant Growth Regulators	
	Mohammed Yaseen	Upgrading and Monitoring for Domestic Water Treatment Plant at Aqbat Jaber Refugee camp	
	Mona Abu-Awad	Application of Water Pinch Analysis for Water and Wastewater Minimization in the Textile Industry	

	Mahmoud Ma-farjeh	Feasibility of a Windrow Composting Pilot for Domestic Organic Waste Recycling in Beit Liqia village- Palestine
	Ra'ed Hamid	Assessment of Home Generated Medical Waste Management in two Palestinian Districts
	Mohammed Ads	Optimization of ABR Followed by Activated Sludge System for Wastewater Treatment "Case Study: Ein Sinya"
	Firas Matar	Decentralized Grey Water Treatment in UASB Septic Tank Systems Operated at Ambient Conditions in Palestine
	Nasr Samarah	Bio Solids Management in the Al-Bireh Sewage Treatment Plant with Special Emphasis on Risks and Concerns of Agricultural Land Application
	Bahaa' Hamarsheh	Assessing the Impact of Potential Climate Change on Rain Fed Agriculture in Jenin District
	Lamia Hamayel	Application of IWA Model with Emphasis on Process Control and Optimization of Al-Bireh Wastewater Treatment Plant
	Ghadeer Ju'beh	Vulnerability to the Effects of Climate and Political Change on Water Availability in the Jordan River Basin
	Ammar Khateeb	Municipal Solid Waste Management In Jericho and Ramallah in the West Bank
	Rihab Thaher	Drivers and Barriers of House onsite Grey water Treatment and Reuse in Palestinian Rural Communities
	Najwan Mseeh	Assessing the Costs of Environmental Degradation in Ramallah and Al-Bireh District
	Iman Hasan	Understanding the Pathogens-Sludge Bulking Relationship in Al-Bireh Wastewater Treatment Plant
<b>Gender</b>	Ziad Yaeesh	Impact of the Israeli Occupation on Gender Relations
<b>Scientific Computing</b>	Ellen Rantisi	On Max Difference Equation
	Hala Haj Hasan	Blind Identification
	Mohammed Abdel-Latif	Nonsingular Model of The Universe
	Amal Saleh Khaseeb	Improving Charting Decision Making For Stock Market Investors Using Collaborative Agents
	Samah Ghanem	Position Control Of Shape Memory Alloy (SMA) Wire Using Model – And Behavioral – Based And Non Model Based – Controllers
<b>Clinical &amp; Laboratory Sciences</b>	Suzan Khamis D'kaidik	Synergy of Meropenem and Ciproxin against clinical isolates of <i>Acinetobacter Baumannii</i> and detection of antibiotic resistant gene of Quinolones and Carbapenems.



**Table VII: Conferences, Workshops, Symposia**

No.	Conference	Place & Date
<b>Faculty of Commerce &amp; Economic</b>		
1	International Business and Economics Conference	Terengganu, Malaysia, November, 2008
2	Monetary Policy and Inflation Targeting	ERF and Femise, Tunisia, October, 2008
3	Mediterranean Research Meeting	Institute in Florence, Italy (March 2009
4	Country role models for development success	United Nations University, Helsinki, June, 2008
5	Improving community involvement in managing Palestinian local governments	Italy, Florence, 24-28/3/2009
<b>Faculty of Science</b>		
6	International Conference Postharvest Unlimited	4-7/11/2008
7	Nanostructured Advanced Materials	Amman 10-13/11/2008
8	Scientific cooperation between the Arab world and Germany	Amman 9-12 May, 2009
9	Tenth Conference on the Intersections of Particle and Nuclear Physics	San Diego, CA 26-31 May, 2009
10	Comparative study on existing management structures at Tertiary Education Institutions (TEIs) with the aim of improving their governance and management	Ministry of Education and Higher Education sponsored by the World Bank in Jericho on May 25, 2009
11	Postharvest Unlimited 2008	Germany, 3-6/11/2008
<b>Faculty of Engineering</b>		
12	Leadership in Higher Education	Jordan - Amman 28-29/10.2009
13	Leadership in Research	Amman, 24-27/10/2008
14	Solar Thermal Application Workshop	Organized by: Regional Centre for Renewable Energy and Energy Efficiency (RCREEE), 24-25/3/2009
15	88 <sup>th</sup> annual meeting of the Transportation Research Board	Washington D.C., USA, 2009/1/14-11
16	Historical Sites Management and GIS: Case study from Ein-Senya, Palestine	
17	A legal approach to red-light running crashes	11-15/1/2009, where
<b>Institute of Women studies</b>		
18	Readings of Mahmoud Darwish	London- 23-29/10/2009

19	Conference Participation on Delhi of WSI	New Delhi 10-18/2/2009
20	Women International Day for Peace and Disarmaments	Barcelona 24-27/5/2009
<b>Faculty of Information Technology/ Najjad Zeenni Center</b>		
21	EU Accession – Possibilities for SME sector development in South East Europe	Serbia
22	Towards a research and development commercialization policy for Birzeit University	Amman, 10-13/11/2008
<b>Faculty of Arts</b>		
23	A New kind of Jerusalem	Ramallah 11/2008
24	Colonial Law: the British Mandate	Birzeit 12/2008
25	Education and Curriculum in Palestine: a Historical Analysis	2/2009 Birzeit
26	Boycott and Palestine: Resistance	Istanbul Turkey / Bosphorus University 5/2009
27	First world forum on lifelong learning	Paris 28-29/10/2008
28	Photo exhibition, Art Dubai	April 2009 Dubai
29	Photo Exhibition, Violin Blue	January 2009 London
30	Photo exhibition Institut du monde Arabe	June 2009 Paris
31	The AFWFG Core Group Meeting and Activities	Beirut 27-28/6/2008

**Table VIII: Funded Research**

In recognition of BZU's role in research and development, the Office of the Vice-President for Academic Affairs and in collaboration with international funding community, BZU obtained funds to support research and development projects during 2008-2009, as listed below:

<b>Office of the Vice President for Academic Affairs</b>		
Title of Research	Researcher	Faculty/Dept.
*Oxidation of Alcohols Transformation and Kinetics in Ionic Organic Solvents	*Abdel-Hameed layla	*Chemistry Dept.
disease effects *Antioxidant and anti-Parinson's of local Palestinian medicinal plants and copper complexes	*Abdel-Latif Abu-Hijleh & Munir Qazzaz	*Biology and Bio-Chemistry
*Wastewaters analysis for geno-toxicity as determined by the Ames salmonella test	*Emilia Abukishilio & Khaled Swaileh	* Biology and Bio-Chemistry
Limestone Waste from Stone Cutting Utilization of in Concrete	Omar Zimmo Jamal Zalatimo	Civil Engineering
Improvement of Solar Water Heating Systems in Palestine	Afif Hasan	Mechanical Engineering
Wind Turbine Performance	Afif Hasan Mohammed Qar'een Adel Dwaik	
Remote Control Model Airplane	Sameh Abu-Awwad	
Orientation of Solar Photovoltaic panels	Ahmad Abu-Hanniyed	
Robocar	Hasan shalaby Ahmad Abu-Hanniyeh Allan Tbaileh	
Use of the outputs of stone mulch in the production of concrete specifications distinct and more economical cost in addition to protecting the environment from damage caused by the indiscriminate disposal of these wastes	Omar Zimmo Jamal Zalatimo	Faculty of Engineering
Series IGBTs chemical-Hydro	Mohammed Abu-Khaizaran	Electrical Engineering



Characteristics of Rainfall In Ramallah District 1990-2009	Hussein Rimawi Marwan Ghanem Ibrahim Shalah	Geography Dept.
Urban Expansion of Ramallah and Bireh cities during 1979-2007 : future prospects	Khalil Amro	
Effects of Introducing ICT in Chemistry teacher on their teaching practices	Ahmad Janazreh	Education & Psychology Dept.
Programs of teacher education in the Palestinian universities between reality and expectations	Abdallah Bisharat Wafaa' Ramahy	
Social uses of music in Palestine	Mosleh Kanaa'neh Abaher al-Saqqa	Sociology Dept.
Iskander Khoury from Beit-Jala: Biography and national poems	Ibrahim Nimr Musa	Dept. of Arabic Language & Literature
The non-verbal communication phenomenon in Omar Bin Abi Rabee'ah	Mehdi Arar	
Tool Suite Development and Evaluation for Arabic Web Search Engines	Adnan Yahya	Faculty of Information Technology
The liberal Egyptian thought	Abel-Aziz Eid	Dept. of History & Archeology

### Funded Research by Institutions:

Title of Research	Donor	Faculty/Researcher
Genomic polymorphism and Diversity among Goat Breeds in the West Bank.	Union of Arab Universities	Faculty of Science/Ahed Abdel-Khaliq & Khaled Swaileh
Quality of Life" of Palestinian Mothers in the Postpartum Period: Assessment & Determinants	AUB Wellcome Trust	Institute of Community and Public Health/Awad Matariyah & Laura Wick
Women's Health (Phase r)	Theodore Springman Foundation	Sahar Hassan
Targeting Reform: Capacity Building in Reproductive Health Research, Interventions & Practice	Ford Foundation	Rana Khateeb & Rita Jaqaman
Reproductive health services capacity building through teaching, training and policy and operational research	Ford Foundation	Rana Khateeb & Rita Jaqaman
Improvement of the Quality of Mortality Data in Palestinian Territory	University of Oslo - Norway	Nivine Abu-Rumeileh & Abdel-Latif Al-Husseini

Anemia Intervention	PGS	Samia Hlaileh & Rana Khateeb
Palestine Through the Lens of Health	MAP	Rita Jaqaman
NUFU Lancet	University of Oslo -Norway	Rana Khateeb
MEDCHAMPS (CVD and Diabetes)*	The University of New Castle Upon Tyne	Awad Matariyeh, Nivine Abu-Rumaleh, Abdel-Latif Al-Husseini & Rana Khateeb
Health Equity	Global Development Network	Awad Matariyeh
From Research to Policy Influence: Post Lancet activities**	MAP	Rana Khateeb & Rita Jaqaman
Women's attitudes to water and sanitation services	GTZ	Center for Development Studies/ Samia Butmeh, Ayman Abdel-Majeed & Waseem Abu-Fasheh
Measuring Regression in the Palestinian Labor Market	Fredrich Ebert Foundation	Gary Sotnik, Samia Butmeh, Yousef Dawood, Ayman Abdel-Majeed & Waseem Abu-Fasheh
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