

CURRICULUM VITAE

Bassam Nayef Abu-Ghazaleh

P.O. Box 581
Amman
Jordan 11118

Home: +962 6 5662969
Cell: +962 79 5288000
Fax: +962 6 5676276
Email: kbassam@ju.edu.jo

PERSONAL DATA

Place of Birth : Jaffa, Palestine
Date of Birth : January 8, 1935
Marital Status : Married (Family: 1 girl and 4 boys)
Languages : Arabic and English fluently (spoken and written)
Nationality : Jordanian

EDUCATION

1965	PhD. in Structural Engineering and Structural Mechanics University of California, Berkeley, California, USA
1962	MSc. in Structural Engineering and Structural Mechanics University of California, Berkeley, California, USA
1956	BSc. in Civil Engineering University of Ain Shams, Egypt

MEMBERSHIP OF SOCIETIES

- Member, Society of Jordanian Engineers
- Member, American Society of Civil Engineers
- Member, American Concrete Institute
- Member, Jordanian Concrete Society

ACADEMIC EXPERIENCE

1981-2005	Professor, Civil Engineering Department, Faculty of Engineering and Technology, University of Jordan, Amman, Jordan
2000-2001	Professor of Civil Engineering, Al-Balqa' Applied University, Al-Salt, Jordan
2000-2001	Vice President for Academic Affairs and Acting President, Al-Balqa' Applied University, Al-Salt, Jordan

ACADEMIC EXPERIENCE (CONTINUED)

1991-1994	President, Applied Science University, Amman, Jordan Started the university from scratch, 14 specialties were established. This included planning for buildings, laboratories, library, curriculum development, and supporting staff development. When I left, 14 specialties have been accredited by the accreditation committee of the Ministry of Higher Education in Amman.
1987-1989	Acting Vice President for Scientific Colleges, University of Jordan, Amman, Jordan
1976-1989	Dean, Faculty of Engineering and Technology, University of Jordan, Amman, Jordan I was in charge of the establishment of the Faculty of Engineering. It was the first school of engineering in Jordan. Buildings were designed and constructed, laboratories were developed, the curriculum designed, and supporting staff were recruited.
1976-1981	Associate Professor, Civil Engineering Department, University of Jordan, Amman, Jordan
1966-1981	Assistant Professor, University of Riyadh (King Saud University), Riyadh, Saudi Arabia
1963	Assistant Research Engineer, Structural Engineering and Structural Mechanics Department, University of California, Berkeley, California, USA

PRACTICAL EXPERIENCE

1992-2001	Member of the technical committee for the design review of Al-Hashemia University buildings, Al-Hashemia, Jordan
1994-2001	Chairman of the technical committee for acceptance of the constructed buildings at Al-Hashemia University, Al-Hashemia, Jordan
1998-2003	Chairman of the technical committee for the design review and supervision of the center for diabetes buildings, Amman, Jordan
2000	Served as a consultant for many special buildings (e.g., Arab Bank headquarters extension at Shmeisani), Amman, Jordan
1974-1976	Engineer, Dar Al-Hadassah Consultants, Shair & partners
1973-1974	Engineer, Jordan Valley Authority, Director of Housing Section, Amman, Jordan

PRACTICAL EXPERIENCE (CONTINUED)

1970-1973	Consultant Engineer, Credit & Saving Bank, Kuwait (Consultant for construction of 14,000 housing units)
1956-1961	Engineer, Ministry of Public Works, Kuwait
1956	Engineer, Ministry of Public Works, Amman, Jordan

PUBLICATIONS

1. Bassam Abu-Ghazaleh. "Stress Distribution of Two Closely Separated Single Footings on an Infinite Soil Media." *Dirasat*, 2005.
2. Abbas M. Al-Shahari, Yasser M. Hunaiti, and Bassam Abu-Ghazaleh. "Behavior of Lightweight Aggregate Concrete-encased Composite Columns." *Steel and Composite Structures*, 3(2), 2003.
3. Bassam Abu-Ghazaleh and Jaddou Awdat. "Steel Fiber Reinforced Foamed Concrete: A Study on Mix Design and Properties." *Dirasat, Engineering Sciences*, 28(2), 2001.
4. Bassam Abu-Ghazaleh. "Development of Engineering Education in Jordan." *Al-Muhandes Al-Urdini*, 2000.
5. Bassam Abu-Ghazaleh, Samih Qaqish, and Raed Samrah. "The Use of Foamed Concrete as Thermal Insulating Material in Jordan." *Dirasat*, 1987.
6. Bassam Abu-Ghazaleh, Samih Qaqish, and Rouhi Al-Sharif. "Stabilized Phosphate Waste Products for Brick Manufacture in Jordan." *Dirasat*, 12(9), 1985.
7. Bassam Abu-Ghazaleh. "The Role of Engineers in Development within Jordan and the Arab Countries." *European Journal of Engineering Education*, 9:49-58, 1984.
8. Bassam Abu-Ghazaleh. "Strength Development and Static Modulus of Elasticity of Foamed Concrete." *Dirasat*, 9(2), December 1982.
9. Bassam Abu-Ghazaleh. "Drying Shrinkage, Wetting Expansion and Moisture Content of Foamed Concrete Produced from Jordanian Materials." *Dirasat*, 9(1), June 1982.
10. Daud Jabaji and Bassam Abu-Ghazaleh. "Strength Development of Locally Produced Foamed Concrete." *Dirasat*, 9(2), December 1982.
11. Bassam Abu-Ghazaleh and Daud Jabali. "Foamed Concrete: A Study of its Properties Using Jordanian Materials." *Dirasat*, 8(2), December 1981.
12. Bassam Abu-Ghazaleh and Jallal Dawani. "Local Factors Affecting the Choice of a Building Technology. A Study on the Jordan Valley." *Dirasat*, 8(2), December 1980.

PUBLICATIONS (CONTINUED)

13. Bassam Abu-Ghazaleh. "Housing Problems in Jordan: Analysis and Proposals." *World Association for Element Building Prefabrication Construction Policies & Industrial Building Systems in the Arab Countries*. U.N.D.P, Vienna, 1978.
14. Local and international non-refereed publications, published in either conferences or reports.

RESEARCH SUPERVISOR

1. Supervisor for three PhD students
2. Supervisor for twenty-four MSc. students

DEGREE RESEARCH

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| 1965 | PhD. Dissertation: "Analysis of Multiple Plate Prismatic Structures", University of California, Berkeley, California |
| 1962 | MSc. Thesis: "Limit Analysis of Gable Frame with Hinge Rotation as a Criterion", University of California, Berkeley, California |

ACADEMIC ACTIVITIES

- Taught most of the undergraduate courses in structures, structural mechanics, and concrete design
- Taught the following graduate courses: Elasticity, Advanced Mechanics of Materials, Finite Element Analysis, Theory of Plates and Shells
- Have a good experience in curriculum design, laboratory planning, and academic planning
- Chairman and member of promotion committees for associate and full professor nominees locally and regionally
- Reviewer for many papers at accredited journals locally and internationally
- Several times member of the University of Jordan Research Council

COMMITTEES MEMBERSHIP

Served on the following committees:

- Member, committee formed by the prime minister to review, comment, and propose measures to enhance the quality of higher education (2006-current)

COMMITTEES MEMBERSHIP (CONTINUED)

- Member of a committee formed by the minister of higher education to nominate award for the best researcher in civil engineering (2006)
- Member, committee formed by the Minister of Higher Education to set search data for administrator academics (2005)
- Member, the Higher Committee for Accreditation, Ministry of Higher Education and Research (2001 - September 2005)
- Three times on the "Late Abdul Hamid Shuman Foundation," committees for the nomination of Arab young scientist for prominent research awards
- Member, Board of Trustees, Jordan University of Science and Technology (1999-2001)
- Member, Faculty of Engineering Council, University of Hashemia, Jordan
- Chairman, Faculty Promotion and Appointment Committee, Curriculum Development Committee, Scholarship and Building Committees, Al-Balqa' Applied University, Al-Salt, Jordan
- Participated and chaired "architects brief" committees. Latest was Hadramout University in Yemen.
- Served on several committees for several conferences in Amman and Cairo
- Member, Board of Trustees, National University of Zaitoneh, Amman, Jordan
- Member, "Planning Committee for Arab Second Conference on Structural Engineering"
- Chairman, "Committee of Degree Accreditation for Engineers," Ministry of Higher Education (1988-1991)
- Chairman, "Committee of Degree Accreditation for Engineers," Association of Engineers
- Member, "Committee for Energy Resources," Higher Council for Scientific Research
- Member, "Committee for Habitat"
- Member, "Committee of Science and Technology Policies"
- Member, "Higher Committee for Jordanian Building Code"

CONFERENCES

- Chairman, member, or participant in many conferences in Jordan and abroad (e.g. International Conference of Structural Engineers, Amman, Jordan)
- Meeting of the Union of Arab Universities, Assuit, Egypt, March 2001
- Meeting of Arab Regional Network of Engineering Education Institutions, 16-19 August 1982, UNISCO, Paris
- Technology Transfer in Developing Countries, Sudan Khartoum, 1979. Sponsored by IDRC
- Housing Problems in Jordan, Analysis and Proposals. "Second International Conference, the World International Association for Element Building and Prefabrication," WAEP, Vienna, 1978

AWARDS

2005	Award from the University of Jordan for my achievements during my period of service
2006	Award from the Jordan Association of Engineers for my distinct professional career
1994	Award from the Applied Science University for distinct achievements