

EDUCATION

Ph.D. in Building Management <u>University College London, Bartlett School of Architecture and Planning</u> Subject: construction industry development in the United Arab Emirates with special reference to Abu Dhabi	1995-1997 London, UK
M. Phil. in Construction Economics and Management <u>University College London, Bartlett School of Architecture and Planning</u> Subject: construction economic development in the United Arab Emirates	1993-1995 London, UK
M. Sc. in Building Design for Developing Countries <u>University College London, Bartlett School of Architecture and Planning</u> Subject: Building Design	1990-1991 London, UK
B.Sc. in Architecture Engineering <u>UAE University - Department of Architecture</u>	1982-1987 Alain, UAE

EXPERIENCE

ACADEMIC EXPERIENCE

United Arab Emirates University <u>Faculty of Engineering, UAE University, Al Ain, UAE</u> Assistant Dean for Professional Development <u>Main tasks</u> 1. Monitoring student training experience from screening to evaluation 2. Investigating training and career opportunities with the industry 3. Strengthening relationships with college alumni 4. Organizing career and recruitment events and campaigns	Alain, UAE 2013–present
United Arab Emirates University <u>Faculty of Engineering, UAE University, Al Ain, UAE</u> Associate Dean for Student and Alumni Affairs, <u>Main tasks</u> 1. Leading the college advising units and managing the preparation of the student class and exam schedules and advising plans 2. Overlooking students' registration process and working in close relationship with the registrar office on issues related to student affairs 3. Developing and monitoring plans for students with poor academic performance 4. Organizing recruitment events and seminars for school and freshmen students 5. Chair and member of several student related committees and task force 6. Reviewing policies and procedures related to student admission, advising, progression, registration and evaluation 7. Organize open days with alumni and employers to communicate with them all updates and document their feedback	Alain, UAE 2007-2013

8. Lead the Emiratization program for staff and national teaching assistants for the College

United Arab Emirates University

Faculty of Engineering, UAE University, Al Ain, UAE

Alain, UAE

Chair for Architectural Engineering Department

2010-2012

Main tasks

1. Program accreditation with ABET
2. Graduate and undergraduate programs curriculum development
3. Strengthening relationships with college alumni
4. Organizing career and recruitment events and campaigns

United Arab Emirates University

Faculty of Engineering, UAE University, Al Ain, UAE

Alain, UAE

Assistant Dean for Female Student Affairs,

1998–2007

Main tasks

1. Establish the advising unit for the college students
2. Organize student events
3. Establish student organizations
4. Develop guidelines and procedures for student advising and registration

Assistant Professor

1997–Present

Faculty of Engineering, Department of Architectural Engineering

Responsible for teaching Construction and project management graduate and undergraduate courses, Vernacular Architecture, Design and Graduation project courses.

Teaching Assistant

1990-1997

Faculty of Engineering, Department of Architectural Engineering

Alain, UAE

Instructor for the Architectural Design, Planning and Architecture Technical Installation courses. Also worked as instructor for Interior Design and Furniture Design courses at department of Interior Architecture, Faculty of Engineering, UAE University (1991-1993).

UNIVERSITY COMMITTEES AND ASSIGNMENTS: Sample listed

- Strategic Planning Committee, Member 1999-2000
- University Intercollegiate Transfer Committee, Member 1999-2004
- "Women in Engineering and Technology 2005" workshop
 - o Vice-Chairman of the organizing Committee 2004-2005
- University Council, Member 2004-2008
- University Final Exam General Education Supervision, Chair 2005-2007
- Student Study Cases Committee, Chair 2005-2012
- University Curriculum Committee, Member 2007-2008
- Dubai School of Engineering, Project Manager 2007-2008
- New Campus Operation Committee, Chair 2007-2010
- "UAEU-Tawazun Holding Agreement" Steering Committee, Chair 2009-present
- UAEU-Mubadala Aerospace Engineering Program
 - o Development of Business Plan and coordination with Mubadala 2009-2011
- UAEU Master Plan Development Committee 2010-2012
- Student New Policies and Procedures Review Committee, Chair 2011-2012
- UAEU Strategic Planning Committee, Team Leader 2012-2013

- Essential Capabilities of UAEU Students, Steering Committee, Member
 - o “Skills Transferable to Employment and Citizenship” committee, Chair 2012-2013

COLLEGE AND DEPARTMENTAL COMMITTEES

Chair and Member of several committees at the College and the Department level including; ABET Accreditation, Curriculum development, outcome assessment, Scheduling and Student Advising, National Teaching Assistant, promotion, Examination, Strategic Planning, Alumni, Staff Emiratization Committee, .. etc

PRACTICAL EXPERIENCE

Ministry of Public Works and Housing 1988 - 1990
Site Engineer **Dubai, UAE**
Responsible for design and site supervision for several notable projects.

Sinimar Al Mi'mar, Architectural and Engineering Consultant 1987 - 1990
Architect - Part time **UAQ, UAE**
Produced detailed design and working drawings for several notable projects.

CONSULTING AND COMMUNITY INVOLVEMENT

- Global Aerospace Summit 2012, Panel Discussion, Panelist, 2012
- Gharbia Education and Employment Committee, Member 2010- present
- Sheikh Khalifa Program for Student Empowerment Scientific Committee, Members, 2011-present
- The Third Program for UAE Leaderships, in cooperation with Harvard University, School of Government, 2003.
- UAEU New Campus Development, Member of the Consulting Team, 2003-2004
- Evaluation Committee, Member, Design Competition of UAE New Complex of Ministries, 2002-2003
- Evaluation Committee, Member, Design Competition of UAE Ministry of Health HQ, 2002-2003
- Al-Raha Beach, Project Management, Evaluation Committee, Member, Abu Dhabi, 2000
- Introduction to Geographical Information Systems & Managing Geographical Information Systems, and Sharing Information Technology Solutions Workshops, Urban and Regional Information Systems Association, Charlotte, North Carolina, USA, 1998

RESEARCH PUBLICATIONS

(a) Referred Book Chapters

Abdou, A, Radaideh, M and Lewis, J, and Al Zarooni, S (2008) Web-based information systems in construction: A case-study for healthcare projects. In: Freire, M and Pereira, M (Eds.), Encyclopedia of Internet technologies and applications. Hershey, PA, USA: IDEA Group Reference, IDEA Group Inc., pp. 702-710.

(b) Referred Journal Papers

Abdou, A., Lewis, J., & Al Zarooni, S. (2013). The evaluation of a web-based decision support system for healthcare project appraisal. Int. J. Project Organization and Management, 5(1/2), 69–90

Al Zarooni, S., Abdou, A., & Lewis, J. (2011). Improving the Client Briefing for UAE Public Healthcare Projects: Space Programming Guidelines. Architectural Engineering and Design Management, 7(4), 251–265

- Selim, M and Al Zarooni, S. (2009) Does secondary school grade predict the performance of engineering students?, *AJEE: Australasian Journal of Engineering Education*, 15(3), 1 – 10
- Al Zarooni, S, Abdou, A and Lewis, J (2005) UAE healthcare project appraisal: Towards better feasibility. *International Journal of Architecture Science Review*, 49, 31-41

(c) Conference Papers

- Abdou, A., & Al Zarooni, S. (2011, 5-7July). Preliminary Critical Success Factors of Public Private Partnership (PPP) in UAE Public Healthcare Projects. Paper presented at the Six International Conferences on Construction in the 21st Century (CITC-VI) "Construction Challenges in the New Decade", Kuala Lumpur, Malaysia
- Abdou, A, Al Zarooni, S and Lewis, J (2005) Risk identification and rating for public healthcare projects in the United Arab Emirates. In, *COBRA 2005: The Construction Research Conference of the RICS Foundation*, 4-8 July, Brisbane, Australia
- Al Zarooni, S, and Joelsson, A., (2005) Women in Engineering & Technology Forum: A Successful Collaboration between Academia and Industry, *ICWES, The 13th International Conference of Women Engineers and Scientists*, Seoul, Korea (Poster Presentation)
- Al Zarooni, S, Abdou, A and Lewis, J (2004) Factors affecting architectural space programming for UAE public healthcare projects. In, *CIB 2004: Globalization and Construction: Meeting the Challenges, Reaping the Benefits*, 17-19 November, Bangkok, Thailand, 783-93
- Abdou, A, Lewis, J and Al Zarooni, S (2004) Modelling risk for construction cost estimating and forecasting: A review. In: Khosrowshahi, F (Ed.), *ARCOM Twentieth Annual Conference*, 1-3 September, Heriot Watt University, UK, Vol. 1, 141-52
- Abdou, A, Lewis, J and Radaideh, M (2003) Utilizing architectural space programming for early cost estimating: A web-based solution for UAE healthcare projects. In: Anumba, C (Ed.), *2nd International Conference on Innovation in Architecture, Engineering and Construction (AEC)*, 25-27 June, Loughborough, UK, 387-99
- Al Sallal, K. and Al Zarooni, S. (2001) Vernacular approach for the low energy architecture, *Proceedings of Sharjah solar energy conference*, Sharjah, UAE, pp. 13-18
- Al Zarooni, S and Abdou, A (2000) Risk management in pre-design stage and its potential benefits for UAE public projects. *Proc of the 28th World Congress on Housing Challenges for the 21st Century*, 15-19 April, Abu Dhabi, UAE, 109-18
- Al Sallal, K. and Al Zarooni, S. (2000) Climate and social impact on physical forms of the vernacular architecture in Sharjah, *Proceedings of American Solar Energy Society SOLAR 2000 Conference*, Madison, Wisconsin, USA, pp. 16-21
- Al Zarooni, S., (1997)" Developing the Construction Industry in the United Arab Emirates", *Proc. of the 1st International Conference on Construction Industry Development: Building the Future Together*, School of Building and Real Estate, National University of Singapore, Singapore

(d) Articles in Refereed Regional Conference Proceedings

- Al Zarooni, S and Abdou, A (2005) Improving client briefing for UAE public healthcare projects: Towards better space programming. In, *The Sixth Annual UAE University Research Conference*, 24-26 April, Al Ain, UAE
- Al Sallal, K., and Al Zarooni, S., (2001) "Vernacular Approach for the Low Energy Architecture", *Proc. of: Sharjah Solar Energy Conference*, Sharjah, UAE

Al Zarooni, S and Ouf, A., (2000) Territoriality in Al Ain Region. In, The First Annual UAE University Research Conference, 24-26 April, Al Ain, UAE

RESEARCH INTERESTS

Building Design, Construction and Project Management, Risk Management

RESEARCH FUNDED PROJECTS

- CI; A Multi-disciplinary Study of Social and Climatic Impact on Physical Forms in the Vernacular Architecture of Sharjah; UAEU; (1999/2000); AED 20K
- PI; Cost estimating Framework for Public Healthcare Facilities: A Risk assessment approach- With special reference to Abu Dhabi Emirate; UAEU; 2001/2002; AED 30
- PI; Space programming guidelines for UAE Public healthcare project Appraisal; UAEU; 2203/2004; AED 30K
- PI; Evaluating Client integration in Public Private Partnership (PPP) educational project: the case of the UAEU new campus project; UAEU; 2209/2010; AED 10K
- CI; Success Factors for A PPP Healthcare Project in the UAE; UAEU; 2009/2010; AED 10K

COMPUTER SKILLS

Use variety of Macintosh and IBM personal computer systems. Software package include:, ArchiCAD, AutoCAD, Office XP, Illustrator 9.0, Coral Draw v. 9, Photo shop v. 6, Primavera enterprise 5 , and MS Project.

ADDITIONAL

Awards and Honors

- Certificate of Merit (1987) from the UAE University for B.Sc. ranking first of graduate class.
- UAE University Scholarship for M.Sc. and Ph.D. bases on academic merit and practical experience.
- Sheikh Rashid Bin Saeed Reward (1991) For M.Sc. degree.
- Sheikh Rashid Bin Saeed Reward (1997) For Ph.D. degree.
- Financial Reward from the UAE University (1997) for early graduation from UCL.

Professional Affiliations

- UAE Society of Engineers