

**Loai Dabbour, PhD**  
**JEA, JEA, ARB, RIBA**  
Assistant Professor  
Department of Architecture  
Alzaytoonah University of Jordan  
Amman 11733 Jordan  
PO Box 130  
(962)-6- 4291511  
*Email: loai\_dabbour@hotmail.com*

## **ACADEMIC QUALIFICATIONS**

**Ph. D. in Urban Design Morphology and Urban Space Planning**, 2004  
University of Wales, United Kingdom  
**M. Sc. in Architecture – Urban Design**, 1995  
University of Jordan, Jordan  
**B. Sc. in Architectural Engineering**, 1989  
University of Jordan, Jordan

## **PROFESSIONAL EXPERIENCE**

- **Vice Dean of Faculty of Engineering**, Alzaytoonah University of Jordan, (Oct. 2013 – present)  
**Chairman of Department of Architecture**, Alzaytoonah University of Jordan, (Oct. 2011 – present)  
**Vice Dean of College of Architecture and Islamic Arts**, World Islamic Science and Education University, (2008 – Oct. 2011)  
**Deputy Director of Institute of Traditional Islamic Arts and Architecture**, Al-Balqa Applied University, (2005 – 2008)  
**Chairman of the Academic Department**, Al-Balqa Applied University, (2004 – 2005)  
**Clinical Planner / Project Designer**, Jonathan Bailey Associates (UK), (2033 – 2004)  
**Project Architect**, Swanke Hayden Connel Architects (UK), (2002 – 2003)  
**Architect**, The George Trew Dunn Partnership (UK), (1998 – 2002)  
**Lecturer**, University of Jordan, (1996 – 1998)  
**Lecturer**, University of Applied Sciences, (1996 – 1997)  
**Senior Architect / Team Leader**, Arabtech Jardaneh Consulting Engineers & Architects, (1996 – 1998)  
**Partner / Founder**, Um Alqura Consulting Architects, (1993 – 1996)  
**Teaching Assistant in architectural Engineering Dept.**, University of Jordan, (1992 – 1994)  
**Architect**, Diran & Bitar Consulting Engineers and Architects, (1990 – 1992)  
**Site Engineer**, Continental Drilling Co. Ltd, (1989 – 1990)

**Supervised** the following MA thesis:

- Traditional lighting patterns in Islamic interior design
- Structure and geometry of windows in Islamic house
- Structure and design of Islamic Mihrab in Mamluki architecture
- Space structure and order in Ottoman mosques. Case study: Sinan mosques.
- Space structure and order in Alhambra – analytical study
- Design structure in Al-Wasiti's miniature paintings

## RESEARCH INTERESTS

- Sacred Art and Architecture, sacred geometry and metaphysical principles
- Traditional Urban design and Space planning Patterns
- Design Theories and Criticism

## Professional Development Activities in the last six years

- **Key note speaker** on Islamic arts educational systems at the 3<sup>rd</sup> Kuwait International Islamic Arts Convention / December 2007
- **Public Lectures: Sacred Geometry (2008)**  
**Traditional Building Crafts – Geometric applications (2007)**  
**Damascus, Islamic city: Evolution of Urban Space (2007)**

## Courses Taught:

**BA program:** Islamic architecture  
History and theory of architecture  
Islamic geometry  
Design courses  
Supervising graduation projects

**MA program:** Design theories in Islamic arts and architecture  
Geometry in Islamic architecture  
Theories of traditional urban design  
Interior design research seminar

## Books Publications of the last five years

- **Darat Al Farah / House of Joy - Book**  
The home as cultural expression  
Editor Yasmin Al-Armouti  
**Text Contributor**  
National press – Jordan, 2009

## Journal Publications of the last five years

[1] **The Traditional Islamic city: Order and Structure of Urban Space**

**Key note speaker** on Urban Regeneration and the role of traditional architecture Symposium at Al Balqa Applied University headed by HRH Prince Charles (UK) and HRH Prince Ghazi.  
27<sup>th</sup> October 2004

Published in the symposium report by the British Council – Jordan

[2] **Geometric Proportions: An Infra-structure of Islamic Geometric Pattern Design Process**, Zaytoonah university international engineering conference, Design and innovation in infrastructure (ZEC 2012), Amman – Jordan 18-20 June 2012

Published in Frontiers of Architectural Research Journal, Higher Education Press Limited Company, School of Architecture, South East University, China, ISSN: 2095-2635, **Imprint: ELSEVIER**, 2012

### **Conference Publications of the last three years**

- **Climatic modeling in traditional Arab houses:** An approach in design strategies for energy- efficient houses. Zaytoonah university international engineering conference, Design and innovation in infrastructure (ZEC 2012), Amman – Jordan 18-20 June 2012
- **Geometric Proportions:** An Infra-structure of Islamic Geometric Pattern Design Process, Zaytoonah university international engineering conference, Design and innovation in infrastructure (ZEC 2012), Amman – Jordan 18-20 June 2012