

## **EDUCATION**

- Doctor of Architecture (PhD) 2006.  
Illinois Institute of Technology: College of Architecture – Chicago, IL. USA.
- Master of Architecture, 2000.  
Illinois Institute of Technology: College of Architecture – Chicago, IL. USA
- Bachelor of Architecture Engineering (5year professional program), 1989.  
University of Science and Technology, Faculty of Engineering - Jordan

## **ACADEMIC EXPERIENCE**

- University of Sharjah, United Arab Emirates (2013 - present)
- Architectural Engineering Department, King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia, (2012 – 2013).
- Department of Architecture, Wilbur Wright College, Chicago, USA (2007 - 2011).

## **NON-ACADEMIC EXPERIENCE**

Professional Experience- Architectural Practice

- **2007** (Project Designer, Associates Planning / Design Group, INC., Downers Grove, Illinois.

## **CURRENT MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

- Member **ASHRAE** -- American Society of Heating, Refrigerating, and Air-Conditioning Engineers;
- Member **Jordan Architects Association**

## **HONORS AND AWARDS**

- Highest Standards of Academic Achievement Reward, Illinois Institute of Technology, USA, 2007

## **SERVICE ACTIVITIES**

- Activities assigned by university authorities 2012-2016:
  - a. Coordinator, ABET Accreditation Committee, 2015-17
  - b. Teaching and Learning Committee Member, 2013-2017
  - c. Research Committee member, 2014-17,
  - d. Member, Faculty hiring (faculty search) Committee, 2016,

## PUBLICATIONS

- Aldawoud, A. “Windows design for maximum cross-ventilation in buildings”, *Advances in Building Energy Research* Volume 11, 2017 - Issue 1, Pages 67-86.
- Aldawoud, A. 2013, “The Influence of the Atrium Geometry on the Building Energy Performance”, **Energy and Buildings** vol. 57, pp. 1-5.
- Aldawoud, A. 2013, “Conventional Fixed Shading Devices in Comparison to an Electrochromic Glazing System in Hot, Dry Climate”, **Energy and Buildings** vol. 59, pp. 104–110.
- Aldawoud, A. 2008, “Thermal Performance of Courtyard Buildings”, **Energy and Buildings** vol. 40, issue 5, pp. 906-910.
- Aldawoud, A. & Clark, R. 2008, “Comparative analysis of energy performance between courtyard and atrium in buildings”, **Energy and Buildings** vol. 40, issue 3, pp. 209-214.
- Megri A. & Aldawoud, A. 2007, “Integration of Ventilation in the Design of Commercial Buildings – Application to Atrium Buildings in Hot/Humid Climate”, **Architecture and Environment**, Volume 6, No 1, Pages 14-27.

## CONFERENCES

- **Assessing the Energy Performance of Modern Glass Facade Systems, 2017**  
8th International Forum on Engineering Education (IFEE2017) Advances in Engineering Education Jointly with 4th International Conference Towards Sustainable Development (ICTSD2017) Educating Engineers for Sustainability. 18-20 April 2017. University of Sharjah, United Arab Emirates.
- **The Performance-Based Design: An Innovative Approach in Design Practices and Architectural Education, 2017**  
8th International Forum on Engineering Education (IFEE2017) Advances in Engineering Education Jointly with 4th International Conference Towards Sustainable Development (ICTSD2017) Educating Engineers for Sustainability. 18-20 April 2017. University of Sharjah, United Arab Emirates.
- **Integration of Sustainable Development in the Architecture Engineering Curriculum, 2015**  
7th International Forum on Engineering Education (IFEE2015) Quality Assurance in Engineering Education, Jointly with 3rd Towards Sustainable Development (3rd TSD2015) Conference Sustainable Development in Engineering Education, Research and Practice. 17-19 March 2015. University of Sharjah, United Arab Emirates
- **The Role of Central Courtyard as A passive Strategy in Islamic Architecture, 2014**  
14th International Conference on Construction Applications of Virtual Reality in Construction and conference on Islamic Architecture. 16-18 November 2014, Sharjah, United Arab Emirates
- **The energy performance of Courtyard and Atrium in buildings**  
First International Architectural Conference, 2007  
The Department of Architecture, Kuwait University

## **RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES**

- Members of the Scientific Committee 8th International Forum on Engineering Education (IFEE2017) Advances in Engineering Education Jointly with 4th International Conference Towards Sustainable Development (ICTSD2017) Educating Engineers for Sustainability.18-20 April 2017. University of Sharjah, United Arab Emirates
- Members of the Scientific Committee7th International Forum on Engineering Education (IFEE2015) Quality Assurance in Engineering Education Jointly with 3rd Towards Sustainable Development (3rd TSD2015) Conference Sustainable Development in Engineering Education, Research and Practice.
- 2014, Member of the scientific committee, Smart, Sustainable and Healthy Cities Conference.
- 2014, Member of the organizing committee 14th International Conference on Construction Applications of Virtual Reality in Construction and conference on Islamic Architecture.