

## **SANA'A M. AL-RQAIBAT, Ph.D**

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### **EDUCATION**

8/2015-5/2019 **Ph.D. in Architecture and Design Research, Virginia Tech, USA**

8/2015-5/2017 **MS Architecture, Virginia Tech, USA**

9/2006-6/2009 **MSc. In Architectural Engineering**, Jordan University of Science and Technology, Jordan

9/1999-6/2004 **BSc In Architectural Engineering**, Jordan University of Science and Technology, Irbid, Jordan

1999 The general secondary education certificate examination

### **WORK EXPERIENCE**

9/2019 – now: **Assistant professor**, Department of Architecture, College of Architecture and Design, Jordan University of Science and Technology

8/2018 – 5/2019: **Research Assistant**, School of Architecture + Design, Virginia Tech, U.S.A

8/2015 – 5/2017: **Teaching Assistant**, School of Architecture + Design, Virginia Tech, U.S.A

9/2009 – 8/2015: **Full-Time Lecturer**, Department of Architecture, College of Architecture and Design, Jordan University of Science and Technology

9/2008 – 9/2009: **Teaching and Research Assistant**, Department of Architecture and Interior Architecture, School of Architecture and Built Environment, German Jordanian University

12/2004 - 9/2008: **Teaching Assistant**, Institute of Architecture and Islamic Arts, Al- Albayt University, Mafraq, Jordan

7/2004-12/2009 **Architectural Designer**, freelancer, Worked on design, development, and construction drawings for several residential and commercial projects

### **HONORS AND AWARDS**

- **Design Research Award** by School of Architecture + Design, Virginia Tech Apr 2019
- **Design Research Award** by School of Architecture + Design, Virginia Tech, Apr 2018
- **First place Interdisciplinary Scholar Award** by Interdisciplinary Research Honor Society, Iota Delta Rho, march, 2018

- **Gold Award – Poster Presentation** - GSA Research Symposium, Virginia Tech Graduate Student Assembly, 2017.
- **Distinguished Instructor Award** for the best graduation project supervisor by Jordanian Engineers Association, 2015.
- **First Place Award** - Jordanian Universities Graduation Projects Supervision for outstanding projects by Jordanian Engineers Association: Supervised at Jordan University of Science and Technology, 2014.
- **Third Place Award** – Jordanian Universities Graduation Projects Supervision for outstanding projects by Jordanian Engineers Association: Supervised at Jordan University of Science and Technology, 2014.
- **Second Place Award** - Omrania | CSBE Student Award for Excellence in Architectural Design Graduation Projects Supervision. 2014 seventh cycle
- **Second Place Award** – I Sustain 2014 Graduation Projects Supervision for Research and applied science category with honorable mentions, by A/E Business Council, 2014
- **First Place Award** - Jordanian Universities Graduation Projects Supervision for outstanding projects by Jordanian Engineers Association: Supervised at Jordan University of Science and Technology, 2013.
- **Second Place Award** - Jordanian Universities Graduation Projects Supervision for outstanding projects by Jordanian Engineers Association: Supervised at Jordan University of Science and Technology, 2012
- **First Place Award** - Jordanian Universities Graduation Projects Supervision for outstanding projects by Jordanian Engineers Association: Supervised at Jordan University of Science and Technology, 2011

## PUBLISHED PAPERS

- Alzoubi, H. And **Al-Rqaibat, S.** (2009). “Improving the Environment of High School Buildings in Jordan Using Effective Anidolic Lighting System for Double Loaded Corridors.” GEST 2009 – Green Tech, Eco Life & Sustainable Architecture for Cities of Tomorrow 2009. 20-21 November 2009.
- H. Alzoubi, **S. Al-Rqaibat** and R. Bataineh, (2010), Pre-versus post-occupancy evaluation of daylight quality in hospitals, Building and Environment, Volume 45, Issue 12, Pages 2652-2665
- H. Alzoubi, A. Al-Zoabi, and **S. Al-Rqaibat**, (2011), Developing an efficient Model for Self-Responsive Building Elements for Integrating Human Visual Comfort with Energy Consumption in Office Buildings. GCREEDER 2011 “26-28 April 2011, Amman-Jordan
- H. Alzoubi, **S. Al-Rqaibat**, (2013), The Effects of Hospital Design Variables, and Hospital Occupation on Indoor Daylight Quality: The Case of King Abdullah University Hospital (KAUH), GCREEDER 2013, Amman-Jordan, September 10<sup>th</sup> – 12<sup>th</sup> 2013, Amman-Jordan

- H. Alzoubi, **S. Al-Rqaibat**, (2014), The effect of hospital design on indoor daylight quality in children section in King Abdullah University Hospital, Jordan, Sustainable Cities and Society Volume 14 (2014) 449–455
- A. Kalua, S. Jeong Jo, S. Fateminasab, **S. Al-Rqaibat** & Ch. Opitz, “Impact of ventilation method on residential indoor PM dispersion during dust storm events in Saudi Arabia” Architectural Engineering and Design Management, Volume 16, 2020 - Issue 3

## EXAMINER/VISITING CRITIQUE

### Visiting Critique

- Visiting critic/external examiner for graduation projects and design studios at School of Architecture, Louisiana State University, USA
- Visiting critic/external examiner for graduation projects and design studios at different universities in Jordan:
  - Jordan University of Science and Technology, Department of Architecture
  - Al Al-Bayt University, Institute of Islamic Arts and Architecture
  - German-Jordanian University, School of Architecture and Built Environment
  - The Hashemite University, Department of Architecture Engineering

## EXHIBITIONS

- **The Architectural Scientific Days Exhibition**, Jordanian Engineering Association, Amman - Jordan, from 2012 - 2015.
- **Graduation Projects**. Twelfth Arab Graduation Projects Exhibition. Morocco, Rabat. December 2014.
- **Omrania** | CSBE Student Award for Architectural Design exhibition, Amman, Jordan, 2014
- **Graduation Projects**. Eleventh Arab Graduation Projects Exhibition. Beirut, Lebanon. May 2013.
- **Integrated Design Method Through Building Scientific Research Center A New Design Experience**, Jordanian Engineering Association, Amman - Jordan, June 2012.
- **Towers Architecture**, Jordanian Engineering Association, Amman - Jordan, June 2011

## COMMITTEES

- Member of the Operation Committee (representative of the educational sector in Jordan), Building SMART ME Jordan Forum, 2011 to 2015

## TRAINING COURSES

- Measurement and Evaluation, Jordan University of Science and Technology
- Modern University Instructional Method, Jordan University of Science and Technology
- Statistical Package For Social Sciences, Jordan University of Science and Technology
- E-Learning, Jordan University of Science and Technology

## WORKSHOPS

- BIM Adoption in Large AEC firms, Building SMART ME and Jordanian Engineering Association
- The Development of First Performance-Based Green Building Rating System in the Middle East “QSAS,” Jordan – Qatar Scientific Green Building and Sustainability Co-operation
- Building Information Modeling, BuildingSMART MENA & India
- BIM, IT in construction, history, present and future, buildingSMART Middle East, North Africa, and India in cooperation with the Jordan Engineers Association

## **AFFILIATIONS**

- Member of the Jordanian Engineering Association- Architectural Division.

## **COMPUTER SKILLS**

Windows; AutoCAD all versions; Adobe Photoshop; Adobe Illustrator; Front page; 3D Max; Revit; Office; NCCS (Number Cruncher Statistical System); RADIANCE (Computer simulation program).

## **LANGUAGES**

- Arabic, Mother language.
- English.

## **REFERENCES**

Available upon request