

SAEED ROKOOEI

Building Construction Science
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TEACHING EXPERIENCE

Assistant Professor College of Architecture, Art, and Design – Mississippi State University	Aug. 2017 – Present
Adjunct Faculty College of IS&T - University of Nebraska at Omaha	Jan. 2017 – June 2017
Teaching Assistant College of Engineering - University of Nebraska-Lincoln	Sep. 2011 – May 2016
Adjunct Faculty College of Art and Architecture - Imam Javad University	Sep. 2007 – May 2011
Adjunct Faculty College of Engineering - Bafgh University	Sep. 2006 – May 2007

EDUCATION & RESEARCH

Postdoctoral Researcher Construction Modeling, Simulation, and Visualization Laboratory University of Nebraska-Lincoln	July 2017
Ph.D. – Engineering (Construction) Minor: Computer and Information Sciences University of Nebraska-Lincoln Dissertation: Project Management Education Research Excellence within Cyber-Infrastructure Environment	Aug. 2016
M. S. – Management Information Systems Concentration: Analytics University of Nebraska at Omaha	Aug. 2016
M. S. – Construction and Project Management Shahid Beheshti University	Feb. 2008
B. Arch. – Architectural Engineering Shahid Beheshti University	Sep. 2004

CERTIFICATIONS

System Analysis and Design University of Nebraska at Omaha	Aug. 2016
Project Management Professional (PMP) Project Management Institute	Apr. 2013

LEED AP – BD & C U.S. Green Building Council (USGBC)	Dec. 2013
Construction Safety and Health Occupational Safety and Health Administration (OSHA)	Dec. 2011
Licensed Architect (Grade III) Yazd Construction Engineering Organization	Sep. 2006

RESEARCH INTERESTS

Project Management Education
Data Analytics
BIM
Planning and Scheduling
Risk Management
Simulation and Visualization
Sustainability

BOOK

Rokooei, S., Miralami, R., Organizational Project Management, Parseno Press, Tehran, 2010, ISBN: 978-964-5748-34-8

JOURNAL ARTICLES

- J1.** Nazari, A., **Rokooei, S.** (2009). Analysis of Value Engineering Experiment in Iran, SOFFEH Architectural Science & Research Journal of Shahid Beheshti University, 47:68-78
- J2.** Goedert, J., Pawloski, R., **Rokooeisadabad, S.**, Subramaniam, M. (2013). Project-Oriented Pedagogical Model for Construction Engineering Education Using Cyberinfrastructure Tool, Journal of Professional Issues in Engineering Education & Practice, ASCE, 139 (4). 300-309
- J3.** Goedert, J., **Rokooei, S.** (2016). Project-Based Construction Engineering Education in a Virtual Environment, International Journal of Construction Education and Research, 12(3): 208-223, DOI: 10.1080/15578771.2015.1121936
- J4.** **Rokooei, S.**, Goedert, J., Najjar, L. (2017). Enhancing Construction Project Management Education by Simulation, Journal of Professional Issues in Engineering Education and Practice, ASCE, DOI: 10.1061/(ASCE)EI.1943-5541.0000329.
- J5.** **Rokooei, S.**, Goedert, J., Woldesenbet, A. (2017). Improving Gender Disparity in Construction Education Using Simulation, Journal of Women and Minorities in Science and Engineering, 23(4), 289-302, DOI: 10.1615/JWomenMinorScienEng.2017018894
- J6.** Woldesenbet, A., Ahn, C., **Rokooei, S.** (2017). Introduction and Assessment of Sub-Surface Utility Engineering (SUE) in Construction Engineering Curriculum, Journal of Professional Issues in Engineering Education and Practice, ASCE, Under Review

CONFERENCE PAPERS

- C1.** Nazari, A., **Rokooei, S.** (2008). Substantial and Formal Pathology of Value Engineering in Iran, 3rd National Value Engineering Conference, Tehran, Iran
- C2.** Azizi, M., **Rokooei, S.**, Albadvi, A., Forstakar, E. (2010). Management of Behavioral Issues in Strategic Projects, 6th International Strategic Management Conference, Saint Petersburg, Russia

- C3. Rokooei, S.,** Miralami, R. (2010). Designing a Value-Based Model for Decision-Making in Construction Project Management, 2nd International Construction and Engineering Project Management Workshop, Valladolid, Spain
- C4. Rokooei, S.,** Miralami, R., Modarresi, A., Poursarrajan, D. (2011). Strategic management of foreign vassals in Iran regarding world recession period, *Procedia-Social and Behavioral Sciences*
- C5. Rokooei, S.,** Goedert, J. (2011). ZNETH Hummel Park, 2011 Nebraska Research & Innovation Conference, Omaha, Nebraska, (poster presentation)
- C6. Goedert, J., Rokooei, S.,** Pawloski, R. (2012). Virtual Interactive Construction Education: A Project Based Pedagogical Model for Construction Engineering and Management, 4th Conference on Higher Education Pedagogy, Virginia Tech, Blacksburg.
- C7. Goedert, J., Rokooei, S.,** Pawloski, R. (2013). A Project-based Simulation Model for Construction Education, 5th Conference on Higher Education Pedagogy, Virginia Tech, Blacksburg
- C8. Rokooei, S.,** Goedert, J., Weerakoon, A. (2014). Simulation as an Effective Tool for Gender Education in Construction, 6th Conference on Higher Education Pedagogy, Virginia Tech, Blacksburg
- C9. Rokooei, S.** (2014). Building Information Modeling in Project Management: Necessities, Challenges and Outcomes, 4th International Conference on Leadership, Technology and Innovation Management, Turkey
- C10. Rokooei, S.,** Goedert, J., Fickle, K. (2015). Using a Simulation Model for Project Management Education, 7th Conference on Higher Education Pedagogy, Virginia Tech, Blacksburg, (poster presentation)
- C11. Rokooei, S.,** Goedert, J. D. (2015), Lessons Learned from a Simulation Project in Construction Education, 2015 ASEE Annual Conference and Exposition, Seattle, Washington. 10.18260/p.24420
- C12. Rokooei, S.,** Goedert, J. (2015). Using Simulated Virtual Interactivity in Construction Education, 7th Conference on Higher Education Pedagogy, Virginia Tech, Blacksburg
- C13. Woldesenbet, A.,** Ahn, C., Kim, H., **Rokooei, S.** (2016). Faculty-Learning Community (FLC) for BIM Education in Multidisciplinary School, STEM Education Research Retreat Conference, University of Nebraska-Lincoln (Poster Presentation)
- C14. Rokooei, S.,** Goedert, J., Woldesenbet, A. (2016). Increase of Interests in STEM Using a Construction Management Simulation, STEM Education Research Retreat Conference, University of Nebraska-Lincoln (Poster Presentation)
- C15. Rokooei, S.,** Goedert, J., Woldesenbet, A. (2017). Investigating Students' Perception Using Construction Management Simulations, 53rd Annual International Conference of the Associated Schools of Construction (ASC)
- C16. Rokooei, S.,** Goedert, J., Woldesenbet, A. (2017). Simulation as Supplementary Tool in Project Management Education, 2017 ASEE Annual Conference and Exposition
- C17. Woldesenbet, A.,** Ahn, C., Kim, H., **Rokooei, S.** (2017). Faculty Learning Community (FLC) for BIM Education in Multidisciplinary School (Preliminary Findings), The Architectural Engineering Institute (AEI), The University of Oklahoma (OU)
- C18. Karji, A.,** Woldesenbet, A., **Rokooei, S.** (2017). Integration of Augmented Reality, Building Information Modeling, and Image Processing in Construction Management: A Content Analysis, The Architectural Engineering Institute (AEI), The University of Oklahoma (OU)
- C19. Rokooei, S.,** Goedert, J., Woldesenbet, A. (2018). The Impacts of Construction Management Simulations' Features on Undergraduate Students' Perceptions, 10th Conference on Higher Education Pedagogy, Virginia Tech, Blacksburg
- C20. Rokooei, S.,** Hall, G. (2018). Students' Perceptions as a Planning Input in a Project-Based Construction Program, 2018 ASEE Annual Conference and Exposition

C21. Rokooei, S., Hall, G. (2018). Students' Perceptions of the Features of Studio-Based Construction Education, 54th Annual International Conference of the Associated Schools of Construction (ASC)

C22. Rokooei, S., Hall, G. (2018). Studio-based Construction Education: Student Perception as a Factor Determining Outcomes and Success, 2018 IISE Annual Conference & Expo

SERVICE

The Day One Leadership Community Mentor Mississippi State University	Aug. 2018 – Present
Diversity, Equity, and Inclusion - Committee Member American Society for Engineering Education (ASEE)	Aug. 2018 – Present
BCS Curriculum Committee Member BCS Program, Mississippi State University	Aug. 2017 – Present
Co-Op and Internship Coordinator BCS Program, Mississippi State University	Aug. 2017 – Present
BCS Director Search Committee Member BCS Program, Mississippi State University	Aug. 2017 – March 2018
College Dean Search Committee Member College of Architecture, Art, and Design, Mississippi State University	Aug. 2017 – May 2018
BCS Faculty Search Committee Member BCS Program, Mississippi State University	Aug. 2017 – Present
Dean Advisory Board Member BCS Program, Mississippi State University	Aug. 2017 – Present
Student Advisor BCS Program, Mississippi State University	Aug. 2017 – Present
Research Committee Member Associated Schools of Construction (ASC)	Mar. 2018 – Present

WORK EXPERIENCE

Architectural Designer Dream Home Drafting (Omaha, NE)	Nov. 2016 – March 2017
Value Management Study Supervisor Yazd State Department of Road and Transportation	Jan. 2010 - Nov. 2010
Project Management Information System Coordinator/Project Management Consultant Yazd State Organization of Schools Renovation, Development, and Mobilization	Jan. 2008 - July 2011
Designer, Project Planning, and Scheduling Officer H. Raheminejad Engineering Consultants	Aug. 2003 - Dec. 2007

PRESENTATIONS & PROFESSIONAL SERVICES

Undergraduate Students Advisor College of Architecture - Yazd University of Science and Art Mary Entezam: Designing a Center for Musical Arts Saeedeh Sedighi: Designing a Dorm for Ardakan College Students Leila Najafi: City of Dreams, A Center for Orphans in Yazd Hajar Kia: Cinema Tamasha	Aug. 2007 - July 2009
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Reviewer

National Science Foundation – Graduate Research Fellowship Program	2017-2018
MSU - Graduate Student Research Symposium	2018
American Society for Engineering Education	2014-Present
International Journal of Construction Education and Research	2016-Present
ASEE-Midwest	2016-Present
Journal of Simulation and Gaming	2016-Present
Journal of Professional Issues in Engineering Education and Practice, ASCE	2016-Present
The Professional Constructor Journal	2017-Present
Engineering, Construction and Architectural Management Journal	2018-Present

Presenter

PKI Student Capstone & Research Conference	
<i>An Interactive Simulation Model for Construction Education</i>	2014
<i>Using Simulation in Construction Education</i>	2015
<i>Enhancing Project Management Education by Simulation</i>	2016
<i>Let 's Play to Learn Construction</i>	2016

Moderator

ASC - 54th Annual International Conference of the Associated Schools of Construction	2018
ASEE-123rd Annual Conference & Exposition	
Construction Session 1: Sustainable Practices	2016
"Tricks of the Trade" - Reflections and Advice on the Educational Process	2016
Architectural Division Technical Session 2	2016
PKI Student Capstone & Research Conference	2017

TRANSLATIONS

Interview with Daniel Libeskind & Tadao Ando (2009). Translated by **Rokooei, S.** & Entezam, M., Iranian Architecture (MA), 34:46

Interview with Frank Gehry (2009). Translated by **Rokooei, S.**, Entezam, M., Pagard Architectural Journal, 2:37

JOURNALISTIC PUBLICATIONS

- Rokooei, S. (2008). The Editorial, Pargar Weekly Magazine, 7:1
- Rokooei, S. (2008). Symbols of ceremonial behaviors, Pargar Weekly Magazine, 8:5
- Rokooei, S. (2008). The Colorless Gold, Pargar Weekly Magazine, 9:5
- Rokooei, S. (2007). Yazd and Tourism, Pargar Weekly Magazine, 12:5
- Rokooei, S. (2007). The Wonderful Shape, Pargar Weekly Magazine, 11:7
- Rokooei, S. (2006). City and People, Pargar Weekly Magazine, 10:5

AWARDS & HONORS

SEC Visiting Faculty Travel Grant – Mississippi State University	2018
UNL College of Engineering Outstanding Teaching Assistant Award	2016
PMI Info Systems SIG Fellowship – Project Management Institute	2015
Milton E. Mohr Fellowship, University of Nebraska- Lincoln	2014 - 2015
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Milton E. Mohr Fellowship, University of Nebraska- Lincoln	2012 - 2013
Teaching Assistantship Award, University of Nebraska- Lincoln	2013 - 2016
Research Assistantship Award, University of Nebraska- Lincoln	2011 - 2012

LEADERSHIP EXPERIENCE

Director of Advanced Education Project Management Institute - Heartland Nebraska / Iowa Chapter	2016 - 2017
President Peter Kiewit Institute Graduate Student and Professional Association	2012 - 2015
President 3 rd Line Engineering and Management Group, Inc.	2008 - 2011
Editor Pargar Weekly Magazine	2005 - 2007
Founder and Editor 4th Dimension-SBU's College of Architecture Student Research & Scientific Journal	2006 - 2008
Vice President Shahid Beheshti University - College of Architecture Student Organization	2003 - 2005

MEMBERSHIPS

American Society of Civil Engineers (ASCE)
 Project Management Institute (PMI)
 Sigma Lambda Chi International Construction Honor Society
 American Society of Engineering Education (ASEE)
 Delta Epsilon Iota Academic Honor Society

TECHNICAL SKILLS

Strategic Management, Risk Management, Project Management, Human Resource Management, Data Analytics, Value Engineering, Planning, Scheduling and Control, BIM, 3D Modeling

COMPUTER SKILLS

Project Management and Analytics

SPSS, R, Primavera, MS Project, VICO Office, Pert Master, Visual Paradigm, ERWIN, SQL Developer Data Modeler, Dreamweaver, Sure Track, Risky Project, Lingo, Expert Choice

Programming

Java, HTML, CSS, PHP, Oracle SQL

Graphic

Revit, AutoCAD, Navisworks, SoftPlan, Photoshop, 3DMAX, Sketch Up, Corel Draw