

Arsalan Gharaveis, Ph.D., IIA, EDAC

Visiting Assistant Professor—Sam Houston State University

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EDUCATION

Texas A&M University, School of Architecture

Ph.D. in Architecture

August 2014-December 2017

Texas Tech University, Design Department-Transferred Credits

Master of Interior Design

June 2013-July 2014

Iran University of Science and Technology, Department of Architecture

Master of Architecture- Focus on Healthcare Interiors

September 2008-July 2011

Art University of Isfahan, Architecture and Environmental Design

Bachelor of Architecture

September 2003-July 2008

EMPLOYMENT

Academic Positions

Sam Houston State University- Huntsville, Texas

Visiting Assistant Professor- Interior Design

August 2020- Current

Southeast Missouri State University- Cape Girardeau, Missouri

Assistant Professor- Interior Design

August 2017- May 2019

Texas A&M University- College Station, Texas

Teaching/Research Assistant- Department of Architecture

January 2015-May 2016

Texas Tech University- Lubbock, Texas

Teaching/Research Assistant- Department of Design

November 2013-August 2014

Azad University- Damavand & Robatkarim, Tehran

Assistant Professor- Department of Architecture

January 2012-May 2013

Industry Positions

Johnston- Houston, Texas

Healthcare Designer/Researcher

January 2020- June 2020

HDR- Houston, Texas

Healthcare Designer

May 2019- January 2020

HKS- CHOT- Houston & College Station, Texas

Summer Intern

May 2016-October 2016

WHR Architects- Houston, Texas

Summer Intern

May 2015-September 2015

Archen Architects- Tehran, Tehran

Architectural Designer

July 2008-January 2012

PROFESSIONAL CERTIFICATES

Iranian Institute of Architects IIA (Tier 2). Since 2012. ID# 0-10-100-12035.

EDAC certified Evidence-based Design Accreditation and Certification. Since 2015. CHD-101302.

PROFESSIONAL MEMBERSHPS

National Council for Interior Design Qualification (NCIDQ) in Progress.

Assoc. AIA American Institute of Architects. Since 2018. ID# 38796363.

EDRA Environmental Design Research Association. Since 2017.

NKBA The National Kitchen & Bath Association. Since 2017. ID# 1257414.

The Center for Health Design Knowledge Repository Member. Since 2018

AIA Academy of Architecture for Health Member. Since 2018

HONORS AND AWARDS

Best Paper Award The Environmental Design and Research Association Oklahoma City, Oklahoma, June 2018.

Department's Nominee for Research Human Environmental Studies, Southeast Missouri State University, Cape Girardeau, Missouri, April 2018.

Charles & Bonita Culp 07' Research Scholarship (\$1,000) Texas A&M University, Department of Architecture. College Station, Texas. April 2016.

Center for Heritage Conservation Fellows Scholarship (\$1,000) Texas A&M University, Department of Architecture. College Station, Texas. April 2015.

TOMFRA/Raiford L. Stripling Memorial Scholarship for Advancement of Preservation (\$1,000) Texas A&M University, Department of Architecture. College Station, Texas. April 2015.

Winner of Design Competition AIA SES- Architecture for Health. Texas A&M University Team member. Houston, Texas, February 2015.

Winner of Caudill Fellowship (\$24,000) among all PhD Applicants, Daylighting in Healthcare Facilities, Texas A&M University, April 2014.

The Kelley Vrooman Endowed Scholarship (\$3,000), Texas A&M University, College of Architecture, April 2014.

Best Presenter Award among all research paper presenters, 3rd Arts and Humanities Conference, Texas Tech University, November 2013.

Ranked 85th Among about 2000 Participants, the Entrance Exam to National universities for Ph.D. Degree in Philosophy of Architecture , March 2013.

Department of Design Scholarship (\$4,000), Texas Tech University, Department of Design, January 2013.

Honorable Mention, Ahwaz Neighborhood Library Design Competition, January 2012.

Ranked 37th among about 6000 Participants, the Entrance Exam to National Universities, for MA Degree of Architecture, September 2008.

Ranked 8th among about 6000 participants, the Entrance Exam to National Universities, for Masters' of Landscape Architecture, September 2008.

PUBLICATIONS

Gharaveis, A., Pati, D., Hamilton, D. K., Shepley, M., Rodiek, S., & Najarian, M. (2020). The Influence of Visibility on Medical Teamwork in Emergency Departments: A Mixed-Methods Study. *HERD: Health Environments Research & Design Journal*, 13(2), 218–233.

Gharaveis, A. (2020). Systematic review of the environmental design influences on enhancement of activity in elderly population. *Facilities* (In Press). DOI: 10.1108/F-08-2018-0094.

Gharaveis, A., Pati, D., Hamilton, D. K., Shepley, M., Rodiek, S., & Najarian, M. (in Press). The Correlation between Visibility and Medical Staff Collaborative Communication in Emergency Department. *HERD: Health Environments Research & Design Journal*. DOI: 10.1177/1937586720921182

Gharaveis, A., Yekita, H., & Shamloo, G. (2020). The perceptions of nurses about the behavioral needs for daylighting and view to the outside in inpatient facilities. *Health Environments Research & Design Journal (HERD)*, 13 (1), 191-205.

Gharaveis, A., Shepley, M., Hamilton, D., K., Pati, D., M. & Rodiek, S. (2019). The influence of visibility on staff face-to-face communication and efficiency in emergency departments. *Facilities*, 37(5), 352-363.

Gharaveis, A., Hamilton, D., K., Shepley, M., M., Pati, D., & Rodiek, S. (2019). Design suggestions for greater teamwork, communication and security in hospital emergency departments. *Journal of Indoor and Built Environments* (In Press), DOI: 10.1177/1420326X19836209.

Gharaveis, A., Hamilton, D., K., & Pati, D. (2018). The impact of environmental design on teamwork and communication in healthcare facilities- A systematic literature review. *Health Environments Research & Design Journal (HERD)*, 11(1), 119-137.

Gharaveis, A., Hamilton, D., K., Pati, D., & Shepley M., M. (2017). The impact of Visibility on Teamwork, Collaborative Communication, and Security in Emergency Departments- An Exploratory Study. *Health Environments Research & Design Journal (HERD)*. 11(4), 37-49.

Gharaveis, A. & Kazem-zadeh, M. (2018). The role of environmental design in cancer prevention, diagnosis, treatment, and survivorship- A systematic review. *Health Environments Research & Design Journal (HERD: In Press)*. 11(4), 18-32.

Bosch, S., & **Gharaveis, A. (2017).** Flying solo: A review of the literature on airport wayfinding for older adults and persons with visual or cognitive disabilities. *Applied Ergonomics*, 58 (2), 327–333.

Gharaveis, A., Shepley, M., M., & Gaines, K. (2016). The role of daylighting in skilled nursing short-term rehabilitation facilities. *Health Environments Research & Design Journal (HERD)*, 9(2), 105-118.

Saatchi-asl, M. & **Gharaveis, A.** (2012). Environmental sustainability in kinetic buildings. *Research-Scientific Journal of Shahro-Manzar*, Vol 25, Pg78-84, Tehran, Iran (In Persian).

Submitted

Gharaveis, A., Shepley, M., M., Sheridan, D., Rodiek, S., & McCall, D. (Submitted). How visibility may influence security risk in community hospitals' emergency departments. *Applied Ergonomics*.

CONFERENCE PRESENTATIONS

Gharaveis, A., Hamilton, D., K., Pati, D., & Shepley, M. M (2019). Reducing Security Risks: How Visibility Enhances Security in Community Hospitals' Emergency Departments (*Healthcare Design Expo and Conference*). New Orleans, Louisiana.

Gharaveis, A., Hamilton, D., K., Pati, D., & Shepley, M. M (2018). To see is to attend: Improving teamwork and communication in the ED (*Healthcare Design Expo and Conference*). Phoenix, Arizona.

Gharaveis, A., Hamilton, D., K., Pati, D., & Shepley, M. M (2017). The impact of visibility on teamwork and communication in emergency departments- A mixed methods study (*Healthcare Design Expo and Conference*). Orlando, Florida.

Gharaveis, A., Hamilton, D., K., & Pati, D. (2017). The role of visibility on enhancement of collaborative communication (*Health Facility Symposium and Expo*). Austin, Texas.

Gharaveis, A., Hamilton, D., K., & Pati, D. (2017). The impact of visibility on safety issues in emergency departments (*EDRA 48*), Madison, Wisconsin.

Gharaveis, A. (2017). Emergency department design- Challenges and opportunities (*EDRA 48*), Madison, Wisconsin.

Gharaveis, A., Pati, D., & Kazem-zadeh, M. (2016). Wayfinding for residents with dementia in skilled nursing and memory care unites- The evidence based design approach (*EDRA 47*), Raleigh, North Carolina.

Gharaveis, A. (2016). The impact of environmental design on walking behavior in aging population (*EDRA 47*), Raleigh, North Carolina.

Gharaveis, A. (2016). The role of plan and layout of adult's intensive care units on nurses' fatigue (*EDRA 47*), Raleigh, North Carolina.

Gharaveis, A. (2015). The importance of daylighting in healthcare facilities (*EDRA 46*), Los Angeles, California.

Gharaveis, A. (2015). The role of architecture and interior design in the control of obesity in elderly population (*EDRA 46*), Los Angeles, California.

Gharaveis, A., Gaines, K., & Amor, C. (2014). Reduction of staff stress levels by lighting design in healthcare facilities (*EDRA 45*), New Orleans, Louisiana.

Gharaveis, A., & Gaines, K. (2014). Environmental indicators of place attachment in assisted living facilities (*EDRA 45*), New Orleans, Louisiana.

Gharaveis, A. & Amor, C. (2013). Evolution in the correlation of Iranian introverted residential design with the surroundings environments (*EDRA 44*). Providence, Rhode Island.

Gharaveis, A., & Amor, C. (2013). The impact of lighting design on staff stress in healthcare environments- An evidence-based design approach (*IDEC Regional*), Norman, Oklahoma.

Gharaveis, A., Kristi G., & Amor, C. (2013). An exploration of lighting impact on staff stress in hospitals: An empirical literature review (*Third Arts and Humanities*), Lubbock, Texas.

Gharaveis, A. Amor, C. (2013). Iranian traditional design and architecture: Symbiosis between aesthetics and identity (*Second Art and Humanity*). Lubbock, Texas.

Gharaveis, A., & Amor, C. (2012). Iranian traditional design and architecture: Identity of courtyards (*Second Arts and Humanities*). Lubbock, Texas.

Gharaveis, A. (2012). Evolution in the correlation of Iranian introverted residential architecture with the surroundings (*Hawaii International Conference on Arts and Humanities*) Hawaii.

Gharaveis, A. (2010). Review of Tekye-Amir-chakhmagh from perspective of traditional structure technology (*International Conference for Heritage in the Islamic Countries*). Riyadh, Saudi Arabia.

ARCHITECTURE PROJECTS

HDR. Ben Taub Hospital. Houston, TX, US. Master Planning. January 2020- April 2020

HDR. The University of New Mexico Hospital —New Tower. Albuquerque, NM, US. Master Planning, Schematic Design, Design Development. May 2019- January 2020

HDR. Quentin Mease, Harris Health—Outpatient Clinic. Houston, TX, US. Schematic Design, Design Development. May 2019- October 2019

Eckroth Planning Group. Ozarks Medical Center—Neuro-ICU. West Plains, MO, US. Master Planning and evidence based design review. May 2018- June 2018

Archen Architects. Azad University—Student Building. Muscat, Oman. Schematic Design. October 2016- January 2017

Archen Architects. Qeshm Hospital—New Tower. Qeshm, Hormozgan, Iran. Master Planning, Schematic Design, Design Development, Construction Documents. October 2010- January 2012

Archen Architects. Tabriz University, College of Kinesiology. Tabriz, Azerbaijan, Iran. Schematic Design, Design Development, Contract Documents. May 2009- August 2010

Archen Architects. Takestan Cultural Center, Museum, Mosque, Outpatient Clinic. Takestan, Qazvin, Iran. Schematic Design, Design Development, Contract Documents. July 2008- August 2010

ACADEMIC RESEARCH GRANTS

The impact of visibility on teamwork and collaborative communication in infusion cancer centers- **Academy of Architecture for Health Foundation** (AAHF 2017-2018 RFP). Role: PI. (**\$30,000**).

The future models of cancer care- **National Science Foundation (NSF)**, I/UCRC: Center for Health Organization Transformation, Award Number: 1361509. Role: CO-I (**\$75,000**).

The impact of higher visual connection on collaborative communication in healthcare facilities- **The American Institute of Architects- AIA-AAH**, Washington DC. June 2016. Role: PI (**\$7,500**).

The impact of environmental design factors on enhancement of wayfinding in elderly population- **Research and Grant Development**, Southeast Missouri State University (**\$15,000**). Award Number (1431). Role: PI.

Physical design strategies to reduce patient falls- **National Patient Safety Foundation (NPSF: 100,000)**, Role: CO-I.

Not Funded

Layout specifications and medication error in intensive care units- **American Society of Interior Designers (Center for Active Design 2015)**. Role: Co-PI.

The influence of visibility on teamwork in emergency department- **EMF/AAHF Emergency Department Planning, Operations and Design** (EMF 2016-2017 GRANT CYCLE). Role: PI.

COURSES TAUGHT

“Building Information Modeling” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Sustainable Design Studio I & II” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Design Communication” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Exploring Interior Design” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“American Cultural Landscape” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Research Methods” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Multi-cultural Design” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Building Construction Codes” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Materials for Interiors” Department of Art and Design, Southeast Missouri State University, Cape Girardeau, Missouri.

“Social and Cultural Aspects of Design” Department of Architecture, Texas A &M University, College Station, Texas.

“Senior Design Studio” Memory Care Unit, Texas Tech University, Lubbock, Texas.

“Studio Design 4” General Hospital, Robat Karim Azad University, Tehran.

“Design Studio 4” Day clinic, Damavand Azad University, Tehran, Iran.

“Lighting and Acoustics in Architecture” Robat Karim Azad University, Tehran.

“Design Studio 1” Robat Karim Azad University, Tehran.

“Technical Drawing Design” Robat Karim Azad University, Tehran.

“Design Studio 3” Robat Karim Azad University, Tehran.

Curriculum/course Development- Southeast Missouri State University

DS 313- Sustainable Design I	Spring 2018
DS 315- Sustainable Design II	Spring 2018
DS 314-Multicultural Design	Spring 2018
DS 410- Hospitality Design I	Spring 2018
DS 412- Hospitality Design II	Spring 2018
DS 320- Building Information Modeling	Spring 2019

PEER REVIEW ACTIVITIES

Reviewer Health Environments Research and Design Journal (HERD)	January 2015-Current
Reviewer The Environmental Design Research Association (EDRA)	August 2015-Current
Reviewer <i>Applied Ergonomics Journal</i>	September 2016-Current

TALKS/REVIEWS/PEER REVIEW ACTIVITIES

Speaker HDR, Houston, Texas.	August 2019
Guest Speaker Southeast Missouri State University.	April 2018
Invited Presenter Perkins and Will Architects, Chicago, Illinois	April 2017
Invited Guest Critic Interior Design Studio final review, Texas A&M University	May 2016
Invited Presenter HKS Architects, Houston, Texas.	August 2016
Invited Presenter WHR Architects, Houston, Texas.	July 2015

ACADEMIC SERVICES- Southeast Missouri State University

Student Involvement committee Member	Southeast Missouri State University	August 2018-May 2019
Students' advisor	Southeast Missouri State University	January 2018- May 2019
Faculty Senate	Southeast Missouri State University	January 2018-May 2018
Academic Affairs	Southeast Missouri State University	January 2018-May 2019
Interior Design Advisory Board	The State of Missouri	August 2017-May 2019
Department Curriculum Development and faculty search committee		October 2017-May 2019
Scholarship Committee Member		September 2017-May 2019

PROFESSIONAL TRAINING

dRofus Training- HDR Houston		December 2019
Data science for Architects. HDR Omaha		November 2019
Spring 2019 Faculty Development Day- Southeast Missouri State		January 2019
Fall 2018 Faculty Development Day- Southeast Missouri State		August 2018
Honor Students Advising Workshop- Southeast Missouri State		May 2018
Graduate Advising Workshop- Southeast Missouri State		May 2018
Online Teaching Workshop- Southeast Missouri State		February 2018
Course Development Workshop- Southeast Missouri State		January 2018
Smart Teaching Evaluation Workshop- Southeast Missouri State		August 2017
Fall 2017 Faculty Development Day- Southeast Missouri State		August 2017
Teaching Enhancement Workshop- Southeast Missouri State		August 2017
The Emergency Department: Considerations for Innovation and Strategic Design		May 2017
Planning and Design of Emergency Departments		May 2016
Teaching Assistant Institute- Texas A&M University		January 2015
Grasshopper plugin Workshop- Tehran University		May 2011

COMPUTER SKILLS

Revit Autodesk, AutoCAD, SPSS, 3d Studio Max (V-Ray and Mental Ray plug-in), dRofus, Adobe Photoshop, Adobe Premier, Microsoft Office, SketchUp, Rhinoceros.