

Arsalan Gharaveis, Ph.D., MARC, Assoc. AIA, FIIA, EDAC

Assistant Professor- Interior Design, Southeast Missouri State University

Department of Human Environmental Studies,

One University Plaza, MS 5750, Cape Girardeau, MO 63701

Agharaveis@semo.edu

EDUCATION

Texas A&M University, School of Architecture

Ph.D. in Architecture- Center for Health Systems & Design

August 2014- December 2017

Texas Tech University, Design Department-Transferred Credits

Ph.D. in Environmental Interior Design

June 2013- July 2014

Iran University of Science and Technology, Department of Architecture

Master of Architecture- Architecture for Health

September 2008-July 2011

Art University of Isfahan, Architecture and Environmental Design

Bachelor of Architecture

September 2003-July 2008

EMPLOYMENT

Academic Positions

Southeast Missouri State University- Cape Girardeau, Missouri

Assistant Professor- Interior Design

August 2017- Current

Texas A&M University

Teaching/Research Assistant- Department of Architecture

January 2015-May 2016

Texas Tech University

Teaching/Research Assistant- Department of Design

November 2013-August 2014

Azad University- Damavand, Robatkarim, Tehran, Iran

Assistant Professor- Department of Architecture

January 2012-May 2013

Semnan University- Semnan, Iran

Adjunct Professor- Department of Architecture

September 2012- December 2012

Industry Positions

Eckroth Planning Group- Chicago, Illinois

Part-time Consultant

January 2018- Current

HKS- CHOT- Cooperation Project- Houston & College Station, Texas

Researcher

May 2016-October 2016

HKS Architects- Chicago office- Chicago, Illinois

Medical Planner Intern- Spring Break Intern

March 2016-March 2016

WHR Architects- Houston, Texas Research Developer- Medical planner	May 2015-September 2015
Hamkaran Arzesh Consulting Engineering Company Project Architect	October 2010- May 2011
Archen Consulting Engineering Company Designer of Healthcare, Educational, and Commercial Facilities	July 2008-September 2010
Spadana Consulting Engineering Company Project Architect	September 2006-September 2007

PROFESSIONAL MEMBERSHPS

- **Assoc. AIA.** American Institute of Architects. Since 2018. ID# 38796363.
- **FIIA (Tier 2).** Fellow Iranian Institute of Architects. Since March 2012. ID# 0-10-100-12035.
- **EDRA.** Environmental Design Research Association. Since Feb. 2017.
- **EDAC certified.** Evidence-based Design Accreditation and Certification. Since January 2015. CHD-101302.
- **NKBA.** The National Kitchen & Bath Association. Since August 2017. ID# 1257414.
- **SHEA.** Student Health Environments Association- Texas A&M University. September 2014. President: September 2015- May 2017.
- **EDRA.**

RESEARCH INTERESTS

- Teamwork and communication in built environments
- Daylighting and work efficiency in healthcare facilities
- Wayfinding enhancement in indoor environments
- Active living for elderly population
- Patient satisfaction in cancer centers

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.
- **Outstanding PhD Student,** Texas A&M University, College Station, Texas. September 2016.
- **Charles & Bonita Culp 07' Research Scholarship (1000 \$),** 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 (1000 \$)**, 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, United States, 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.
- **Ranked 1606th among about 200,000 participants** in the entrance exam to national universities, September 2003.

PUBLICATIONS

- **Gharaveis, Arsalan**, Hamilton, D. Kirk, Pati, Debajyoti (2018). The Impact of Environmental Design on Teamwork and Communication in Healthcare Facilities- A Systematic Literature Review. *Health Environments Research & Design Journal (HER)*, 11(1) 119-137.
- **Gharaveis, Arsalan**, Hamilton, D. Kirk, Pati, Debajyoti, Shepley, Mardelle (2017). The Impact of Visibility on Teamwork, Collaborative Communication, and Security in Emergency Departments- An Exploratory Study. *Health Environments Research & Design Journal (HERD)*: In Press). DOI: 10.1177/1937586717735290
- **Gharaveis, Arsalan**, Kazem-zadeh, Mahshad (2018). The role of environmental design in cancer prevention, diagnosis, treatment, and survivorship- A systematic review. *Health Environments Research & Design Journal (HERD)*: In Press). DOI: 10.1177/19375867177468
- **Gharaveis, Arsalan**, Shepley, Mardelle, Gaines, Kristi (2016). The Role of Daylighting in Skilled Nursing Short-term Rehabilitation Facilities. *Health Environments Research & Design Journal (HERD)*, 9(2), 105-118.

- Bosch, Sheila, **Gharaveis, Arsalan** (2016). 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, Arsalan** (2017). The Basic Principles of Emergency Department (ED) Design for Architects-Informed-Based Design Approach. *Health Design Magazine*, October, Vol (2).
- Bozorgmehr, Shirin. **Gharaveis, Arsalan**, Hazrativand, Khashayar (2012). Modern House, Modern Families: Iranian Modern Houses and Their Effects on the Position of the Woman in Iranian Families. *Research-Scientific Journal of Nameie-Honar*, Tehran, Iran.
- Saatchi asl, Mahdis. **Gharaveis, Arsalan**, (2012). Environmental Sustainability in Kinetic Buildings. *Research-Scientific Journal of Shahro-Manzar*, Vol 25, Pg78-84, Tehran, Iran (In Persian).

Accepted

- **Gharaveis, Arsalan**, Yekita, Hamed, Shamloo, Reza (2018). The Needs of Nurses for Daylighting and View Outside in Inpatient Facilities- A Mixed-methods Study. *Journal of Indoor and Built Environments*.
- **Gharaveis, Arsalan**, Shepley, Mardelle, Sheridan, Daniel, Rodiek, Susan, & McCall, Denise (2018). How Visibility may Influence Security Risk in Community Hospitals' Emergency Departments. *Applied Ergonomics*

Submitted

- **Gharaveis, Arsalan** (2018). Critical Review of the Impact of Environmental Design on Control of Obesity in Long-term Facilities. *Perspectives in Public Health* (Submitted).
- **Gharaveis, Arsalan**, Hamilton, D. Kirk, Pati, Debajyoti, Shepley, Mardelle (2018). The Influence of Visibility on Medical Teamwork in Emergency Departments- A Mixed Method Study. *Journal of Environmental Psychology* (Submitted).
- **Gharaveis, Arsalan**, Pati, Debajyoti, Hamilton, D. Kirk, Shepley, Mardelle (2018). The Correlation between Visibility and Collaborative Communication in Emergency Departments- A Mixed-Method Study. *Journal of Environment & Behavior*.
- **Gharaveis, Arsalan** (2018). Environmental Design Considerations for Efficient Emergency Department Design. *Journal of Indoor and Built Environments*.

CONFERENCE PRESENTATIONS

- **Gharaveis, Arsalan**, Hamilton, Kirk, Pati, Debajyoti, Shepley, Mardelle (November 2018). To See is to Attend: Improving Teamwork and Communication in the ED. Healthcare Design Expo and Conference. Phoenix, Arizona, United States (Accepted).
- **Gharaveis, Arsalan**, Hamilton, Kirk, Pati, Debajyoti, Shepley, Mardelle (November 2017). The Impact of Visibility on Teamwork, Collaborative Communication, and Security in Emergency Departments- A Mixed Methods Study. Healthcare Design Expo and Conference. Orlando, Florida, United States.

- **Gharaveis, Arsalan**, Hamilton, Kirk, Pati, Debajyoti (September 2017). The Role of Visibility on Enhancement of Teamwork and Collaborative communication. Health Facility Symposium and Expo. Austin, Texas, United States.
- **Gharaveis, Arsalan**, Hamilton, Kirk, Pati, Debajyoti (May 2017). The Impact of Visibility on Security issues in Emergency Departments (EDRA 48), Madison, Wisconsin, United States.
- **Gharaveis, Arsalan** (May 2017). Emergency Department Design- Challenges and Opportunities (EDRA 48), Madison, Wisconsin, United States.
- **Gharaveis, Arsalan**, Pati, Debajyoti, Kazemzadeh, Mahshad (May, 2016). Wayfinding for Residents with Dementia in Skilled Nursing and Memory Care Units- The Evidence Based Design Approach. The Environmental Design Research Association (EDRA 47), Raleigh, North Carolina, United States.
- **Gharaveis, Arsalan** (May 2016). The Impact of Environmental Design on Walking Behavior in Aging Population. The Environmental Design Research Association (EDRA 47), Raleigh, North Carolina, United States.
- **Gharaveis, Arsalan**, Hamilton, D.Kirk (May, 2016). The Role of Plan and Layout of Adult's Intensive Care Units on Nurses' Fatigue. The Environmental Design Research Association (EDRA 47), Raleigh, North Carolina, United States.
- **Gharaveis, Arsalan**, (May, 2015). The Importance of Daylighting in Assisted Living Facilities. The Environmental Design Research Association (EDRA 46), Los Angeles, California, United States.
- **Gharaveis, Arsalan**, Kristi Gaines (October, 2014). The Role of Architecture and Interior Design in the Control of Obesity in Elderly Population. The Environmental Design Research Association (EDRA 46), Los Angeles, California, United States.
- **Gharaveis, Arsalan**, Kristi Gaines, Amor, Cherif (May, 2014). Reduction of Staff Stress levels by Lighting Design in Healthcare Facilities. The Environmental Design Research Association (EDRA 45), New Orleans, Louisiana, United States.
- **Gharaveis, Arsalan**, Gaines, Kristi (May, 2014). Environmental Indicators of Place Attachment in Assisted Living Facilities. The Environmental Design Research Association (EDRA 45), New Orleans, Louisiana, United States.
- **Gharaveis, Arsalan**, Cherif, Amor (Jan, 2013). Evolution in the Correlation of Iranian Introverted Residential Architecture with the Surroundings Environment. International Conference Environmental Design Research Association (EDRA 44). Providence, Rhode Island.
- **Gharaveis, Arsalan**, Amor, Cherif (October, 2013). The Impact of Lighting Design on Staff Stress in Healthcare Environments- An Evidence-Based Design Approach. IDEC Regional Conference, Norman, United States.

- **Gharaveis, Arsalan**, Kristi Gaines, Amor, Cherif (October, 2013). An Exploration of Lighting Impact on Staff Stress in Hospitals: An Empirical Literature Review. Third Arts and Humanities Paper Conference, Texas Tech University. Lubbock, Texas, United States.
- **Gharaveis, Arsalan**. Amor, Cherif (September, 2013). Iranian Traditional Design and Architecture: Symbiosis between Aesthetics and Identity. Second Art and Humanity Paper Conference, Texas Tech University. Lubbock, Texas, United States.
- **Gharaveis, Arsalan**, Amor, Cherif (October, 2012). Iranian Traditional Design and Architecture: Symbiosis between Aesthetics and Identity. Second Arts and Humanities Paper Conference, Texas Tech University. Lubbock, Texas, United States.
- **Gharaveis, Arsalan** (December, 2012). Evolution in the Correlation of Iranian Introverted Residential Architecture with the Surroundings Environment. The Hawaii International Conference on Arts and Humanities. University of Louisville .Center for Sustainable Urban Neighborhoods. Hawaii, United States.
- **Gharaveis, Arsalan** (May, 2010). Review of Tekye-Amir-chakhmagh from Perspective of Traditional Structure Technology. First International Conference for Urban Heritage in the Islamic Countries. Riyadh, Saudi Arabia.

TEACHING EXPERIENCES

- **Assistant Professor**. “Multi-cultural Design”, College of Human Environmental Studies, Southeast Missouri State University, Cape Girardeau, Missouri. Spring 2018.
- **Assistant Professor**. “Building Codes”, College of Human Environmental Studies, Southeast Missouri State University, Cape Girardeau, Missouri. Spring 2018.
- **Assistant Professor**. “Materials for Interiors”, College of Human Environmental Studies, Southeast Missouri State University, Cape Girardeau, Missouri. Spring 2018.
- **Assistant Professor**. “Sustainable Design Studio”, College of Human Environmental Studies, Southeast Missouri State University, Cape Girardeau, Missouri. Fall 2017.
- **Assistant Professor**. “Design Communication”, College of Human Environmental Studies, Southeast Missouri State University, Cape Girardeau, Missouri. Fall 2017.
- **Assistant Professor**. “Introduction to Design”, College of Human Environmental Studies, Southeast Missouri State University, Cape Girardeau, Missouri. Fall 2017- Current.
- **Instructor**. “Social and cultural aspects of architecture”, College of Architecture, Texas A & M University, College Station, Texas. Fall 2014- Fall 2016.
- **Teaching Assistant**. “Senior Studio”, Memory Care Unit, Texas Tech University, Lubbock, Texas. Fall 2013- Spring 2014.
- **Adjunct Professor**. “Architectural Studio Design 4”, General Hospital, Semnan University, Semnan, Iran. Spring 2012- Spring 2013.
- **Assistant Professor**. “Architectural Studio Design 4”, Day clinic, Damavand Azad University, Tehran, Iran. Summer 2012- Spring 2013.

- **Adjunct Professor.** “Lighting and Acoustics in Architecture”, Semnan University, Semnan, Iran. Fall 2012.
- **Assistant Professor.** “Architectural Studio Design 1”, Robat Karim Azad University, Tehran. Spring 2012-Spring 2013.
- **Assistant Professor.** “Technical Design”, Robat Karim Azad University, Tehran, Spring 2012.
- **Teaching Assistant.** “Architectural Design 3”, Azad University, Central Branch, Tehran. Spring 2009- Fall 2010.

ACADEMIC RESEARCH GRANTS

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

Not accepted

- 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.
- 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 (**\$ 30,000**).

TALKS/REVIEWS/PEER REVIEW ACTIVITIES

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| • Reviewer. Health Environments Research and Design Journal (HERD) | January 2015- Current |
| • Reviewer. The Environmental Design Research Association (EDRA) | August 2015- Current |
| • Guest Speaker. Southeast Missouri State University. | April 2018 |
| • Invited Presenter. Perkins and Will Architects, Chicago, Illinois | April 2017 |
| • Guest Speaker. Shahid Beheshti University, Tehran, Iran | December 2016 |

- **Reviewer.** *Applied Ergonomics Journal* September 2016- Current
- **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

SERVICES- Southeast Missouri University

- **Faculty Senate.** Southeast Missouri Stated University Jaunary 2018- Current
- **Academic Affairs.** Southeast Missouri Stated University Jaunary 2018- Current
- **Interior Design Advisory Board.** The State of Missouri August 2017- Current
- **Department Curriculum Develpoment and faculty search committee** October 2017- Current
- **Scholarship committee Member** September 2017- Current

Curriculum/course Development- Southeast Missouri University

- Social and Cultural Aspects of Design Fall 2017
- 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

PROFESSIONAL TRAININGS

- Fall 2018 Faculty Development Day- Southeast Missouri State August 2018
- Graduate Advising Workshop- Southeast Missouri State May 2018
- Online Teaching Workshop- Southeast Missouri State February 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 Inoovation and Strategic Design May 2017
- Planning and Desing of Emergency Departments May 2016
- Teaching Assistant Institute- Texas A&M University January 2015

COMPUTER SKILLS

SPSS, Depthmap, Revit Architecture (Energy Modeling), AutoCAD, 3d Studio Max (V-ray and Mental ray Plug-in), Adobe Photoshop, Adobe Premier, Microsoft Office, Sketch-Up, Rhinoceros (Grasshopper plug-in).

REFERENCES

- **D. Kirk, Hamilton**, Professor at Texas A&M University, College Station, Texas, United States. Email Address: khamilton@arch.tamu.edu.
- **Pati, Debajyoti**, Professor and Faculty of Design Department in Texas Tech University, Lubbock, Texas, United States. Email Address: d.pati@ttu.edu.
- **Shepley, Mardelle**, Professor at Cornell University, Ithaca, New York United States. Email Address: mshepley@cornell.edu.