

CURRICULUM VITAE

LAST UPDATED JULY 1, 2025

JUNG-HYE SHIN, PH.D.

Professor, Chair
Department of Human-Centered Design
College of Human Ecology
Cornell University

Mailing Address:
37 Forest Home Dr.
Ithaca, NY 14853

Phone: 607-255-3672
Email: js163@cornell.edu

EDUCATION

University of Wisconsin-Milwaukee, WI.: Ph.D. in Architecture, 2007
Cornell University, Ithaca, NY.: M.Sc. in Design and Environmental Analysis, 2001
Seoul National University, Seoul, Korea: BFA. in Design, 1996

POSITIONS HELD

Chair (2025~current)

Department of Human Centered Design, Cornell University

Professor (2025~current)

Department of Human Centered Design, Cornell University

Chair (2020~2025)

Design Studies Department, University of Wisconsin-Madison

Faculty Director of Design (2020~2025)

Center for Design and Material Culture, University of Wisconsin-Madison

Interior Architecture Program Coordinator (2020~2024)

Design Studies Department, University of Wisconsin-Madison

Professor (2022~2025)

Design Studies Department, University of Wisconsin-Madison

Associate Professor (2015~2022)

Design Studies Department, University of Wisconsin-Madison

Assistant Professor (2007~2015)

Design Studies Department, University of Wisconsin-Madison

Designer (1996-1998)

Space Group of Korea, Seoul, Korea

Design Projects

The headquarter of Kwang-ju Bank, Kwang-ju, Korea
Annex to the Blue House, the Presidential Residence of Republic
of Korea, Seoul, Korea
Kang Neung Royal Hotel, Kang Neung, Korea

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Grace Hair Cut & Skin Clinic Club, Seoul, Korea
Dr. Park's Skin Clinic, Seoul, Korea
Vision City, Kuala Lumpur, Malaysia
Lot 29 Finance Center, Kuala Lumpur, Malaysia

Consulting Project

Main Office of Samyang-sa Co., Ltd., Seoul, Korea

Sign Communication Design Project

Annex to the Blue House, the Presidential Residence of Republic of Korea, Seoul, Korea

GRANTS ACTIVITIES

Ponto, K. (PI), **Shin, J. (Co-PI)**, Fields, B. (Co-I). "Utilizing Emerging Technologies to Support Aging in Place". National Science Foundation: Smart and Connected Health, Division of Information and Intelligent Systems, (January 2026-December 2029) \$1,000,000.

Shin, J. (PI). "Inclusive Housing: Confronting the Housing Inclusion Gap from Market-Driven Individualism to Public Policy" (July 2025 – June 2026), *University of Wisconsin - Madison Fall Research Competition*, 2024-2025, \$37,458.

Vaid, U. (PI), **Shin, J. (Co-PI)**, "Intergenerational Housing Model and Evaluation Protocol: A Co-created Theory of Change" (July 2024 - May 2025). \$4,000. Baldwin Wisconsin Idea Endowment

Shin, J. (PI), Ponto, K. (Co-PI), & Field, B. (Co-I), Developing a Novel Augmented Reality Tool for Home Assessments, *University of Wisconsin - Madison Fall Research Competition*, 2023-2024, \$43,924.

Shin, J. (PI), Ponto, K. (Co-PI), & Field, B. (Co-I), Developing a Novel Augmented Reality Tool for Home Assessments, School of Human Ecology-Intersection Research Award, 2023-2024 \$43,408.

Shin, J. (PI), Ponto, K. (Co-PI), & Field, B. (Co-PI), Developing a Novel Augmented Reality Tool for Home Assessments, RRF Foundation for Aging, 2021-2023 Total Costs \$225,000 (Start Date: 7-01-2021 End Date: 08-31-2024).

K. Ponto (PI), **Shin, J. (Co-PI)**, & Field, B. (Co-PI). Developing a novel augmented reality tool for home assessments., *University of Wisconsin - Madison Fall Research Competition*, Total Costs \$42,366 (Start Date: 07-01-2021 End Date: 06-31-2022)

Shin, J. Excel Initiative: Teaching Professional Development to the Classroom. UW-Madison Provost's office, 2020, \$10,712

Shin, J. (PI), & Kevin P. (Co-PI), Living Independently at Home: Effect of Home Modifications on Functional Independence, Acute Stress Response, and Adaptive Behaviors of Persons with Disabilities. Tommy G. Thompson Center on Public Leadership, 2019-2020, \$130,181.32

Shin, J. (PI), Home is where we age. *University of Wisconsin - Madison Fall Research Competition*, 2019-2020, \$47,432

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Shin, J. (PI), Home is where we age: Implication of housing design to health and wellbeing of older adults. SoHE Incentive Funding, UW-Madison, 2018-2019, a course waive during Fall 2018.

Shin, J. (PI), Faculty Development Grant. The UW System, 2017-2018, \$74,086

Shin, J. (PI), Home is where we age: Implication of housing design to health and wellbeing of older adults. *University of Wisconsin - Madison Fall Research Competition*, 2017-2018, \$21,460

Ponto, K. (PI), & **Shin, J.** (Co-PI). Designing next generation marketplaces. *University of Wisconsin - Madison Fall Research Competition*, 2017-2018, \$39,270

Shin, J. (PI), Toward quality affordable housing for elders: A platform for life satisfaction, comfort, and aging-in-place. *University of Wisconsin - Madison Fall Research Competition*, 2015-2016, \$14,019.00

Shin, J. & Huntington, J. Building morphology, indoor environmental quality, and pro-environmental attitude in LEED certified vs. non-LEED certified buildings in the Midwest. Summer Time Academic Research Award (STAR award), School of Human Ecology, UW-Madison, 2014, \$3,000.00

Shin, J. (PI), Housing quality and aging-in-place: Understanding the housing needs of Korean immigrant seniors in affordable housing in Chicago, *University of Wisconsin - Madison Fall Research Competition*, 2013-2014, \$8,216.00

Shin, J. (PI), Building morphology, indoor environmental quality, and pro-environmental attitude in LEED certified vs. non-LEED certified buildings in the Midwest. *University of Wisconsin - Madison Fall Research Competition*, 2012-2013, \$34,760.00

Shin, J. (PI), Understanding the housing needs of inner-city Chinese and Korean ethnic elders: A design guideline based on their everyday life experiences, *University of Wisconsin - Madison Fall Research Competition*, 2011-2012, \$8,129.00

Shin, J. (PI), Making home for the aged: Spatial analysis of class, culture, and modernity in Korea and in the U.S. *Academy of Korean Studies*, 2009-2011, \$11,546.00

Shin, J. (PI), Making home for the aged: Spatial analysis of class, culture, and modernity in Korea and in the U.S., *University of Wisconsin - Madison Fall Research Competition*, 2010-2011. \$34,629.00

AWARDS RECEIVED

SoHE Performance-based Recognition Award (PROUD 2020), School of Human Ecology, UW-Madison, April 2020.

Leibrock Universal Design Scholarship Award. Interior Design Educators Council Foundation. Spring 2019.

Wade and Bev Fetzer Fund for Excellence Award, School of Human Ecology, UW-Madison 2017.

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OneSoHE21 Mid-Career Faculty Award, School of Human Ecology, UW-Madison 2017.

A finalist to **IDEC Award of Excellence-Best Research**, Interior Design Educators Council Conference, 2014.

IDEC Award of Excellence-Best Research, Interior Design Educators Council Conference, 2013.

Graduate School Dissertation Fellowship, UW-Milwaukee, Fall 2006~Spring 2007.

Chancellor's Graduate Student Awards (CGSA), UW-Milwaukee, Fall 2005.

College of Human Ecology Graduate Student Research Awards, Cornell University, Spring 2000.

Achievement Scholarships, Seoul National University, from Spring 1992 through Fall 1995.

POSITIONS HELD

that require scholarly competence

The first co-chair for Annual Conference of Environmental Design Research Association, 48, Madison, 2016~2017

Invited member of the Program Committee for Environmental Design Research Association, 46, Los Angeles, 2015

SCHOLARLY PUBLICATIONS

Peer Reviewed Journal Articles

Shin, J., Deniz, H. *, Shields, R. *, Tredinnick, R., Çağiltay**, B., Sprecher, B., Lee, J. **, Fields, B., Ponto, K. (2025). Breaking Barriers in Accessibility: Mobile AR Solutions for Home Assessments. *International Journal of Human-Computer Interaction*, 1-19. <https://doi.org/10.1080/10447318.2025.2474478>, * doctoral student, ** undergraduate student

Meera, B., Skrove, Z.*, Kinney, L.*, Lee, J.*, Shields, R.*, Sprecher, B., Tredinnick, R., Ponto, K., **Shin, J.**, Fields, B. (2024). The Usability of the Augmented Reality Home Assessment Tool (ARHAT): A Survey Study. *Journal of Aging and Environment*, 1-16, <https://doi.org/10.1080/26892618.2024.2386675>

Shin, J., Shields, R.*, Lee, J.**, Skrove, Z.*, Tredinnick, R., Ponto, K., & Fields, B. (2024). Quality and Accessibility of Home Assessment mHealth Apps for Community Living: Systematic Review, *JMIR Mhealth Uhealth* 2024;12:e52996 doi: [10.2196/52996](https://doi.org/10.2196/52996), PMID: [38466987](https://pubmed.ncbi.nlm.nih.gov/38466987/), PMCID: [10980499](https://pubmed.ncbi.nlm.nih.gov/10980499/), * doctoral student, ** undergraduate student

Fields, B., Fitzpatrick, M., Kenney, L., Lee, J., Sprecher, B., Tredinnick, R., Ponto, K., & **Shin, J.** (2023). Evaluating the Acceptability and Appropriateness of the Augmented Reality Home Assessment Tool (ARHAT). *JMIR Aging* 2023;6:e44525 doi: [10.2196/44525](https://doi.org/10.2196/44525), PMID: [37787657](https://pubmed.ncbi.nlm.nih.gov/37787657/), PMCID: [10547935](https://pubmed.ncbi.nlm.nih.gov/10547935/)

Shin, J., Ma, Y*, & Siu, K. (2022). Rooted in Earth, Rooted in Community: Aging in Rural Houses of Northern China. *Journal of Aging Studies*. *visiting doctoral student. DOI: [10.1016/j.jaging.2022.101025](https://doi.org/10.1016/j.jaging.2022.101025). MPID: 35654551

Shin, J., Her-Xiong, Y.*, Tredinnick, R., & Ponto., K. (2021). Toward Understanding Everyday Lives of older adults: A Methodological Exploration.

The Gerontologist, 61(8), pp. 1241-1253. DOI: [10.1093/geront/gnab045](https://doi.org/10.1093/geront/gnab045), PMID: 33791791.* doctoral student

Shin, J., Dennis, S., & Mohammed, H*. (2021). Mental health outcome measures in environmental design research: A critical review. *Health Environments Research & Design Journal*, 14 (3), p.331-357. DOI: [10.1177/1937586721999787](https://doi.org/10.1177/1937586721999787), PMID: 33942674, * doctoral student.

Ma, Y*, Zou, G., **Shin, J. (Corresponding author)**., Kang, Y., Gao, S., Siu, K., Zhang, S. (2021). Locating community-based comprehensive old-age service facilities using GIS and the Nested Ecological Model of Aging in Place: A case study of Harbin, China. *Journal of Urban Planning and Development*. 147 (2), DOI: [10.1061/\(ASCE\)UP.1943-5444.0000678](https://doi.org/10.1061/(ASCE)UP.1943-5444.0000678), *Visiting doctoral student.

Kang, H*, **Shin, J.**, & Ponto, K. (2020). How 3D virtual reality store can shape consumer purchase decisions: The role of informativeness and playfulness. *Journal of Interactive Marketing*, 49, p.70-85. DOI: [10.1016/j.intmar.2019.07.002](https://doi.org/10.1016/j.intmar.2019.07.002). * doctoral student

Shin, J. (2018). Listen to the Elders: Design guidelines for affordable multi-family housing for the elderly based on their experiences. *Journal of Housing for the Elderly*, 32 (2), p.211-240. DOI: 10.1080/02763893.2018.1431585

Shin, J. (2016). Toward a theory of environmental satisfaction and human comfort: A process oriented and contextually sensitive theoretical framework. *Journal of Environmental Psychology*, 45, p. 11-21. DOI: 10.1015/j.henvp.2015.11.004.

Reviewer comment: A paper that is as ambitious as this one often errs in one of two ways. Either the attempted integration is so global that little substantive is being offered, or in the process of attempting to gain specificity, the complexity of the problem being examined is reduced to simplicity and artificiality. This paper avoids both of these pitfalls and carries off a broadly integrative account that is rich in details. In a remarkably short article, given its topic, the author conveys a deep understanding of the diverse theoretical positions and research literatures considered. The care and precision in the language employed carries what could have been a very nebulous discussion to levels of detail that are admirable. The concluding methodological section adds to what is already an excellent presentation. Too many papers in environmental psychology fail to consider carefully the concepts they employ. This paper is a welcomed exception to that tendency.

Shin, J. (2015). Declining body, institutional life, and making home; are they at odds?: The lived experiences of moving through staged care in long-term care settings. *HEC Forum (HealthCare Ethics Committee Forum: An Interprofessional Journal on Healthcare Institutions' Ethical and Legal Issues)*, 27(2), p. 107-125 DOI: 10.1007/s10730-015-9269-5. PMID: 25724938

Shin, J. (2014) Reconstructing Korean traditional houses: Architectural discourse on tradition, identity, and quality of life in contemporary Korea. *International Journal of Constructed Environment*. 4(2), p.53-72.

Shin, J., & Miller, S. (2014) Audio-visual environment and the religious experiences in green church buildings: A cross-case study. *Journal of Interior*

Design 39(3), 1-24 DOI: 10.1111/joid.12030, [the journal of record for the discipline of interior design]

Shin, J. (2014) Living independently as an ethnic minority elder: A relational perspective on the issues of aging and ethnic minorities. *American Journal of Community Psychology*. 53 (3-4), p.433-446, DOI: 10.1007/s10464-014-9650-6, PMID: PMID: 24722777.

Shin, J. (2014) The residential choices of ethnic elders in affordable housing: Changing intergenerational relationships and the pursuit of residential independence, *Journal of Housing for the Elderly*, 28, p. 221-242, DOI: 10.1080/02763893.2014.899541.

Shin, J. (2014) Making home in the age of globalization: Spatial analysis of elderly homes in Korea and in the U.S. *Journal of Environmental Psychology*. 37(1), p.80-93, DOI: 10.1016/j.jenvp.2013.12.001.

Reviewer comment: This is a beautifully conceptualized paper that deserves to be published. The theoretical development of the topic lays out a multi-level, sophisticated analysis of the topic addressed by drawing on the wide-ranging knowledge of several disciplines and multiple theoretical perspectives. The topic of housing for the aged has an international urgency that conflicts with the rather small amount of research and scholarship that addresses it. The global reach of the agency studied, as well as the cross-cultural comparison, are very illuminating and interesting. The authors make excellent use of their data to support their claims.

Shin, J. (2013) Gendering places: Residential technology and changing gender relations in Korea. *Gender, Place, and Culture*, 20 (3), 382-400.

Shin, J., Castellano, D., & Miller, S. (2012). Communicating the mission of earth stewardship through green buildings: The social impact of LEED certification in religious organizations in Madison, WI. *International Journal of Constructed Environment*, 2(2), pp.247-268.

Shin, J. (2012) Keeping warm in a changing place: The meanings and place experiences of the Korean heated floor and house structure in the 20th century. *Space and Culture*. 15(3), 344-360.

Reviewer comment: Fundamentally, I find this fascinating, and worthy of publication without any major work. The author offers a phenomenological examination of the ways Korean media and elderly Koreans remember the ondol (underfloor flue) heating system and how these memories inflect experiences of home and modernity. A strength is the way the author discusses how ondol structure(d) the habitus of social hierarchy, gender, and other social dynamics.

Shin, J., Maxwell, L. E., & Eshelman, P. E. (2004) Hospital birthing room design: A study of mothers' perception of homeyness. *Journal of Interior Design* 30(2), p23-36. DOI: 10.1111/j.1939-1668.2004.tb00397.x [the journal of record for the discipline of interior design]

Conference Proceedings (Archived)

Ponto, K., Tredinnick, R., Shields, R., Fields, B., **Shin, J.** (2023). Utilizing AR as a Tool for Assessments of the Home. Poster submitted to the 29th ACM Symposium

on Virtual Reality Software and Technology (VRST 2023), Christchurch, New Zealand.

Ponto, K., Denis, H., Tredinnick, R., Çağıltay, B., Shields, R., Sprecher, B., Fields, B., **Shin, J.** (2023). The benefit of Utilizing Augmented Reality as a Tool for Assessments. Poster submitted to the 22nd IEEE International Symposium on Mixed and Augmented Reality (ISMAR23 SYD), Sydney, Australia.

Kang, H.* , **Shin, J.**, & Ponto, K. (2020). "A Comparative Analysis of 3D Interaction: How to Move Virtual Objects in Mixed Reality. Paper presented to *the 27th Annual Conference on Virtual Reality and 3D User Interfaces (IEEE VR 2020)*, Atlanta, Georgia. * doctoral student, **Nominated for best paper award**

Contributions to Edited Volumes

Shin, J. (2023) Design guidelines for effective long-term care needs of older adults at home. In Kutay Guler (Ed.), *Transforming Issues in Housing Design*. Wiley.

Shin, J. (2012) Tradition, Identity, and Commodification of Culture: Neo-Traditionalism in the Changing Context of Building Practice in Contemporary Korea. In S. Ahrentzen, C. Despres, & B. Schermer (Eds.) *Blurring Boundaries, Building Bridges: The Legacy of the Milwaukee School in Environment-Behavior Studies*, UW- Milwaukee and Villes Régions Monde. p.155-174.

Shin, J. (2008). Technology and cultural transformation in Korean residences. In I. Forino, B. Peressut, G. posiglione, & F. Scullica (Eds.) *Places and Themes of Interiors: Contemporary Research Worldwide*. Milano, Italy: FrancoAngeli [Double-blind, peer reviewed, acceptance rate about 25%]

Peer-reviewed Presentations at Academic/Professional Meetings

Pak, M.* & **Shin, J.** (2025). The Abstract submitted to present to *the International Scientific Conference on the Built Environment in Transition*. "Optimizing visual comfort during architectural design: A tool for view and window analysis." CISBAT 2025, EPFL & Smart Living Lab, Lausanne, Switzerland.

Lee, D.*, Godfrey, B., Chang, H., & **Shin, J.** (2025) The Paper presented to *the 2025 Annual Conference of the Interior Design Educators*, "Enhancing Accessibility Education in Interior Design: the Housing Enabler" Interior Design Educators Council, Chicago, IL.

Shin, J., Lee, D.* , & Vaid, U., (2024) The 55th Annual Conference of Environmental Design Research Association, "Intergenerational Housing: Framework, Prospects, Challenges, and Future Research Directions," Environmental Design Research Association, Portland, Oregon.

Shin, J., Lee, J., Ho, J., Shields R., Tredinnick, R., Chang, H., Fields, B., and Ponto, K. (2024). "Assess and Enable Home: Augmented Reality Home Assessment Tool," The 55th Annual Conference of Environmental Design Research Association, Portland, Oregon. (June 2024).

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Fitzpatrick, M.*, Kinney, L.*, Lee, J.*, Sprecher, B., Tredinnick, R., Ponto, K., **Shin, J.**, Fields, B. (2023). Development of the Augmented Reality Home Assessment Tool (ARHAT): A Qualitative Descriptive Study. Kansas City: Annual Conference of the American Occupational Therapy Association.

Shin, J., Shields, R.*, Fitzpatrick, M.*, Kinney, L.**, Lee, J.**, Deniz, H.*, Tredinnick, R., Fields, B., Ponto, K. (2023) Usability Test of Mobile-Based Augmented Reality Tool for Assessing Building Accessibility: A Qualitative Approach. Mexico City: The 54th Annual Conference of Environmental Design Research Association.
* doctoral student, ** undergraduate student

Skrove, Z., Fitzpatrick, M.*, Kinney, L., Lee, J., Sprecher, B., Tredinnick, R., Ponto, K., **Shin, J.**, & Fields, B. (2023). Annual Conference of the American Occupational Therapy Association, Kansas City, MO: Presented paper titled Development of the Augmented Reality Home Assessment Tool (ARHAT): A Qualitative Descriptive Study. *doctoral student

Shin, J., Ponto, K., Beth, F., Tredinnick, R., & Sprecher, B. (2022). Developing a Novel Augmented Reality Tool for Home Assessments. Paper presented to the 27th Conference of International Association of People-Environment Studies (IAPS), Lisbon, Portugal

Shin, J., Ponto, K., Her-Xiong, Y.*, & Tredinnick, R. (2020). Home is where we age: Developing a research method for studying home environments using 3D scanning, wearable technology, and accessibility scores. Paper presented to the 26th Conference of International Association of People-Environment Studies (IAPS), Quebec City, Canada. *doctoral student

Ma, Y.* & **Shin, J.** (2019) Rooted in the Earth, rooted in the community: The meanings of rural dwellings among the older adults in Northern China. Paper presented to *the 50th Annual Conference of Environmental Design Research Association*, Brooklyn, NY. * doctoral student

Shin, J., Mohamed, H.*, & Dennis, S. (2019) Measuring health and wellbeing outcomes in environment-behavior studies: Critical review. Paper presented to *the 50th Annual Conference of Environmental Design Research Association*, Brooklyn, NY. * doctoral student

Shin, J., Dennis, S., & Kang, H.* (2019) Incorporating physiological signs in studying environmental impact on human health and wellbeing in field studies. Poster presented to *the 50th Annual Conference of Environmental Design Research Association*, Brooklyn, NY. * doctoral student

Shin, J. (2019) Home is Where We Age. Paper presented to *the 2019 Annual Conference of the Interior Design Educators*, Charlotte, NC.

Collins, M. B., Morales, A., Vargo, J., Alexander, K., **Shin, J.**, Christens, B. (2017) Hearing Voices: Planning for Community-Engaged Design in an Evolving Community, Pre-conference intensive presented in *the 48th Annual Conference of Environmental Design Research Association*, Madison, WI.

Shin, J. (2016) Toward quality affordable housing for elders: A platform for life

satisfaction, comfort, and aging-in-place. Paper presented in *the 2016 Annual Conference of the Interior Design Educators*, Portland, OR.

Shin, J. & Huntington, J. (2015) Are we achieving our goals with green school buildings?: Comfort, mental health, and pro-environmental awareness of 5th graders in green and non-green buildings. Paper presented in *the 2015 Annual Conference of the Interior Design Educators*, Fort Wayne, TX.

Shin, J. & Huntington, J. (2015) Green schools as a platform for students' health and teaching environmental stewardship: Cross-case analysis of LEED and non-LEED elementary schools in the Midwest. Paper presented in *the 46th Annual Conference of the Environmental Design Research Association*, Los Angeles, CA.

Shin, J. (2015) Environmental Satisfaction and Human Comfort: Toward a process-oriented and contextually sensitive theoretical framework. Paper presented in *the 2015 Annual Conference of the Interior Design Educators*, Fort Wayne, TX.

Shin, J. (2014) Audio-visual experience in green church buildings: Objective and subjective assessments. Paper presented in *the 2014 Annual Conference of the Interior Design Educators*, New Orleans, LA [acceptance rate 42.02%, finalist to Best Research Presentation Award]

Shin, J. & Jorn, M. (2013) Reconstructing a sense of home in affordable housing: Residential experiences of Korean elders in the Midwest. Paper presented in *the 44th Annual Conference of the Environmental Design Research Association*, Providence, RI.

Jorn, M. & **Shin, J.** (2013) Cultural attributes and recreating home: Residential experiences of Korean elderly immigrants in affordable housing. Paper presented in *the 44th Annual Conference of the Environmental Design Research Association*, Providence, RI.

Shin, J. & Jorn, M. (2013) Living in affordable housing as immigrant elders: Focusing on the residential experiences of Korean immigrants in the Grater Chicago area. Paper Presented in *51th Annual Conference of Interior Design Educators Council*, Indianapolis, IN. **Best Design Research Award.**

Shin, J., Castellano, D., & Miller, M. (2012). Green buildings as an expression of earth stewardship: User satisfaction, emotional attachment, building message, and the role of pro-environmental attitude. Paper presented at the *50th Annual Conference of Interior Design Educators Council*, Baltimore, MD.

Shin, J., Castellano, D., & Miller, M. (2011) Communicating the mission of earth stewardship through green buildings: The social impact of LEED certification on religious organizations in Madison, WI. Paper presented at the *International Conference on the Constructed Environment*, Chicago, IL.

Shin, J. (2011, accepted) Spatial analysis of home for the aged poor in Korea and the U.S.: Making home in an institutional setting. *The 64th Annual Scientific Meeting of the Gerontological Society of America*, Boston, MA.

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Shin, J. (2011) Making a home for the aged: Spatial analysis of age, class, and culture in Korea and the U.S. Paper presented to the *42st Annual Conference of the Environmental Design Research Association*, Chicago.

Shin, J. (2009) Building houses, building tradition: Architectural discourse on tradition, identity, and sustainability in contemporary Korea. Presented at the *40th Annual Conference of the Environmental Design Research Association*, Kansas City.

Shin, J. (2008) Warmness, from a basic necessity to a luxury: The technological evolution and social life of Korean heated floor. Presented at the *39th Annual Conference of the Environmental Design Research Association*, Veracruz, Mexico.

Shin, J. (2007) Place: Connecting people and their environment. Accepted to the *Annual Environmental Design Research Association Conferences*.

Shin, J. (2005) Thermal comfort in built environment: A literature review. Accepted to the *Annual Environmental Design Research Association Conferences*.

Invited Presentations

Shin, J. (December 2024) Current and future directions for researching Aging in Place. Presented at the Human-Centered Building Design (HCBD) Research Symposium & Workshop, College of Architecture, Art, and Construction, Clemson University. Clemson, SC.

Shin, J. (September 21, 2022) Housing & Technology for Aging in Place: Lessons from the U.S.. Presented at the KHU BK21 AgeTech-Service, 2022 International Seminar IV, Department of Housing & Interior Design/AgeTech-Service Convergence Major, Kyunghee University, Seoul, Korea.

Shin, J. (March 4, 2016) Designing for Aging-in-place. Presented at the Center for Aging research and Education (CARE) at the School of Nursing, UW-Madison.

Shin, J. (Feb. 8, 2012) Making home for the aged: Spatial analysis of class, culture, and modernity in Korea and in the U.S. Presented at the *Center for East Asian Studies*, UW-Madison, WI.

Shin, J. (April 14, 2011) Warmness, from a basic necessity to a luxury: The technological evolution and social life of Korean heated floor. Presented at the *Robert F. and Jean E. Holtz Center for Science and Technology Studies*, UW-Madison, WI.

Shin, J. (November 4, 2009) Building houses, building tradition: Architectural discourse on tradition, identity, and sustainability in contemporary Korea. Presented at the *Center for East Asian Studies*, UW-Madison, WI.

Reports of Completed Research

Shin, J., Ponto, K., Tredinnick, R., Her-Xiong, Y. (2020). Living independently at home: Effect of home modification on functional independence, acute stress response, and adaptive behaviors of persons with disabilities. Report submitted to Tommy G. Thomson Center on Public Leadership.

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Shin, J. (2016) Building morphology, indoor environmental quality, and pro-environmental attitude in LEED certified vs. non-LEED certified buildings in the Midwest (The final report submitted to participating schools)

Shin, J. (2011) Making home for the aged: Spatial analysis of class, culture, and modernity in Korean and in the U.S.: Final Report to Academy of Korean Studies.

Shin, J., Castellano, D., & Miller, S (2011) Communicating the mission of earth stewardship through green buildings: A cross case analysis of LEED-certified religious buildings in Madison, WI. Final Report to Holy Wisdom Monastery and First Unitarian Society of Madison.

TEACHING

Course Developed as part of the new undergraduate major, Design, Innovation, and Society

DS 240 Human-centered Design and Business Fundamentals.
DS 650 Collaborative Design Capstone.

Courses Taught as Primary Instructor at UW-Madison, WI.

DS 222: Interior Design Studio I
DS 322: Interior Design Studio II
DS 679: Research Methods in Design
DS 549: Environmental Control Systems: Lighting, Thermal Comfort, and Acoustics
DS 639: Culture and Built Environment
DS 920: Research Methods in Design: Quantitative & Qualitative Approaches
DS 920: Theories and Methods in Design Inquiry
DS 120: Design Fundamentals I

Courses Taught at UW-Milwaukee, WI.

ARCH 522 Environmental Systems: Lighting and Acoustical Design (Fall 2005)
ARCH 520 Environmental Systems: Illumination and Thermal Comfort (Spring 2005, Spring 2006)
ARCH 303 Architecture and Environmental Response (Spring/Fall, 2004)
ARCH 420 Architectural Design II (Fall, 2003)

Courses Taught at Cornell University, Ithaca, NY.

DEA 301 Design Studio V, Cornell University, Ithaca, NY (Fall 1999)
DEA 102 Design Studio II, Cornell University, Ithaca, NY (Spring 2000)

Guest Classroom Lectures

Traditional rural Dwellings in Korea and Northern China, DS 639 Culture and Built Environment, Fall 2022.

Mentor and Mentee Responsibilities and Relationships, OneSoHE Advanced PDS session, Fall 2021

Material culture approaches to aging, disability, and environment, DS264/764 Dimensions of Material Culture, Fall 2021

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Aging and Environment. In DS221 Person and environment interaction, Design Studies Department, UW-Madison, Fall 2020

Aging and Environment. In DS221 Person and environment interaction, Design Studies Department, UW-Madison, Fall 2019

Acoustics and Thermal Comfort: Fundamentals and Issues in Office Design. In DS622 Interior Design III, Design Studies Department, UW-Madison, Fall, 2016

Acoustics in Building Design: Fundamentals, Sound Absorption, & Sound Isolation in Restaurant Design, DS623 Interior Design IV, Design Studies Department, UW-Madison, Fall, 2016.

Designing for Aging-In-Place. In *REAL EST 795: Residential and Commercial Healthcare Property Development*, School of Business, UW-Madison, April 18th, 2016

Grant proposal writing. In *DS 920: Graduate Colloquium*, Design Studies Department, UW-Madison, Fall, 2014

Lighting in interior design: Quantitative evaluation and design interpretation. In *DS 451: Color Theory and Technology*, Design Studies Department, UW-Madison, Fall, 2013

The national modernization project and the evolution of architecture in Korea in the 20th century. In *Hist 225: Introduction to East Asian History—Korea*, Department of History, UW-Madison. Spring, 2010

Korean residential heating system and residents' cultural lifestyle. In *DS 360: Global Perspectives on Design and Culture*, Design Studies Department, UW-Madison. Fall, 2008

Design practice and culture in the context of globalization. In *DS 623 Interior Design IV*, Design Studies Department, UW-Madison. Fall, 2008.

Undergraduate Mentoring

Sienna Simmons (Summer 2021): Developing the first prototype and testing for DS 3rd major, Design, Innovation, & Society. Chipstone-CDMC summer Undergraduate Research Fellowship

Jenny Lee (January 2022~May 2024): Undergraduate Research Fellowship. Identified potential and helped put together proposal. Currently under review.

Dissertation Chair

Aybuke Geyik (Co-chair, In progress)

Role of Physical Environment on Creating a Positive Visit Experience for Families with Children in Correctional Facilities (Passed prelim exam)

Naghmeh (Melody) Pak (Co-chair, In progress)

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LAST UPDATED JULY 1, 2025

Rudy Dieudonne (completed in May 2025, currently tenure track assistant professor in Virginia Tech.)
Impact of Classroom Noise & Illuminance levels on the Negative Behaviors of Preschoolers with Autism

Hassnaa Mohammed (completed in 2022, currently tenure track assistant professor in Indiana University Bloomington)
Place attachment to Islamic third spaces in the United States (First Dissertation draft completed)

Joy Huntington (completed in 2020, currently a research fellow at Baylor University)
Feminist movement, women's homeownership, and the new American dream

Hyo Jeong Kang (completed in 2019, co-chair, currently tenure track assistant professor at the University of Florida)
Designing next generation marketplace: The effect of 3D VR store interface design on shopping behavior

Jennifer Kaufmann-Buhler (Completed in 2013, co-chair, currently tenured associate professor at Purdue University)
From the open plan to the cubicle: The real and imagined transformation of American office design and office work, 1945-2010

Diane Al Shihabi (Completed in 2012, co-chair, currently tenured associate professor at Iowa State University)
American Beaux-Arts and French Academic Architectural Theory: A Material Culture Approach to Interiors of Three State Capitols of the Gilded Age.

Andrew Williams (Completed in 2011, co-chair, currently tenured full professor at the UW-Stout)
The reaffirmation of national myth in World War II digital games.

Major Advisor (Pre-candidates, Doctoral Program)

Down Lee (In progress)

Dissertation/Thesis Committee Member

Hanbing Liang (Dept. of Planning & Landscape Architecture, in progress)

Eunhee Park (History, PhD dissertation, completed in Summer, 2018)

Amy Duwell Brockdolf (Design Studies, MS Thesis, completed in Fall, 2016)

Myunghyeon Jern (Dept. of Architecture, UW-Milwaukee, PhD Dissertation, completed in Fall, 2016)

Erin Schambureck (Design Studies, MFA thesis, Completed in 2014)

Shadeequa Miller (Dept. of Industrial and Systems Engineering, PhD Dissertation, completed in 2014)

Daniel Schmitt (Dept. of Landscape Architecture, Master's Thesis, completed in 2012)

Involving children in the planning and design of the Aldo Leopold elementary schoolyard.

Nichole Campbell (Design Studies, PhD Dissertation, completed in 2011)
Therapeutic Social Space Design for Independent Living Retirement Community Residents.

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Special Student Success

Aybuke Geyik (2023) University Fellowship, UW-Madison

Hassnaa Mohammad (2022) *From women's sections: place affordances and women's sense of place in American mosques*. Gender, Place & Culture (Vol. 71).

Hassnaa Mohammad (2022) *"Come As You Are": Attachment to Islamic Third Spaces in the United States*. Paper presented to the 53th Annual Conference of Environmental Design Research Association, Greenville, SC.

Hassnaa Mohammad (2022) *Where I Pray: A Pilot Participatory-Action Study on Muslim Students' Experience in a Midwestern Campus*. Paper presented to the 53th Annual Conference of Environmental Design Research Association, Greenville, SC.

Rudy Dieudonne (2022) University Fellowship, UW-Madison

Tu-Nguyen Phan (2021) Graduate Research Scholar Fellowship, UW-Madison

Joy Huntington (2021) American Council of Learned Society, Leading Edge Fellow

Rudy Dieudonne (2020) Summer Time Academic Research Award, School of Human Ecology, UW-Madison

Hassnaa Mohammed (2020) Summer Time Academic Research Award, School of Human Ecology, UW-Madison

Joy Huntington (2018~2020) Mellon Public Humanities Fellowship, UW-Madison

Rudy Dieudonne (2019) Graduate Research Scholar Fellowship, UW-Madison

Joy Huntington (2018) *Redlining in the Madison Urban Landscape: How Women Influenced the Development of a City*. Research presented at the Vernacular Architecture Forum Annual Conference, Potomac, MD.

Hyo Jeong Kang (2018) SoHE Graduate Research Fellowship, \$13,800

Hyo Jeong Kang (2018) SoHE dissertation research award, \$2,000

Hyo Jeong Kang (2017) "Designing next generation marketplace: The effect of 3D VR store interface design on shopping behavior" 2017 IEEE Virtual Reality (VR), Los Angeles, CA, USA, pp. 411-412

Hyo Jeong Kang (2017) IEEE VR Doctoral Consortium Fellowships (\$2,700)

Kang & Ponto (2017) "Exploratory look at consumer behavior in real and simulated 3D virtual reality environment" Presented at the Environmental Design Research Association (EDRA), Madison, Wisconsin, USA

Hyo Jeong Kang (2017~2018) Designing next generation marketplaces. Graduate school Fall Competition Award, UW-Madison, \$39,270

Amy Duwell Brockdorf (2017), Not all about the classroom: Exploring Preferred Learning Environments in Higher Education, presented in *the 2017 Annual Conference of the Interior Design Educators*, Madison, WI.

Hyo Jeong Kang (2016) Joy H. Dohr Design Excellence Award, UW-Madison, School of Human Ecology, \$1,500

Hyo Jeong Kang (2015) Summer Time Academic Research Award, School of Human Ecology, UW-Madison

Joy Huntington (2014) Summer Time Academic Research Award, School of Human Ecology, UW-Madison

Joy Huntington (2013) Graduate Research Scholar Fellowship, UW-Madison

Jennifer Kaufman-Buhler (2013) The Schurch-Thomson Excellence in Graduate Research Award

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Professional Development

Teaching and Learning Studio, Stanford D. School, July 2023.

Coach Approach to Work Performance Feedback, Leadership and Management Class offered by the Continuing Studies, University of Wisconsin-Madison, July-Aug, 2021

The Art of Conflict Transformation, Leadership and Management Class offered by the Continuing Studies, University of Wisconsin-Madison, June, 2021

Designing Strategy, June-July 2020. IDEO U.

The discussion project bootcamp, July-August 2020. Bootcamp geared toward teaching discussion classes online. University of Wisconsin-Madison

Excel [Extending Teaching Professional Development to the Classroom] Initiative 2019-2020.

Leibrock Universal Design Workshop, Livermore, CO., July 2019.

Faculty mentoring workshop, sponsored by the Institute for Research on Poverty at the UW-Madison, 2019.

Faculty Grant Writing Boot camp, May-Sept, 2018.

Certified Aging-In-Place specialist, National Association of Home Builders [NAHB], September 2017

Blend@UW fellow, UW-Madison (2016)

The Community-Based Investigations Workshop: Expanding the classroom with mobile tools, hosted by the Field Day Lab at the Wisconsin Institute for Discovery. Oct. 2015.

NIH Grant writing workshop, offered by the School of Human Ecology. June, 2013

Teaching & Learning Symposium, 2010

Social and Behavioral Science Mock IRB session, 2008

Interdisciplinarity Conference 2008

Essential Learning Outcomes for Students: First Year Applications, 2007

Balancing Research, Scholarship, and Teaching, 2007

Strategies for Success in Research and Graduate Education at UW-Madison, 2007

DoIT and the Campus Libraries: Supporting Research and Teaching Excellence, 2007

SERVICES

Institutional

Departmental Activities

Departmental chair (Summer 2020~), tasks include;

- Strategic Planning (5 year plan), designed and led vision session for the department.
- Textile and Fashion Design (TFD) program vision 2021, designed and coordinated vision session for the program.
- Interior Architecture (IA) program curriculum revision, designed and lead the complete curriculum revision sessions, including two new courses proposal, which was successfully implemented from fall 2021 (Fall 2020)
- Design, Innovation, and Society (DIS) major, initiated and leading the project including prototyping, assessment, and market analysis all the way to university regent approval. Program launching in fall 2024.

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Chair of Teaching Professor Search Committee for the IA program, (Spring 2022~Fall 2022)
Chair of Faculty Search Committee for the IA program, two faculty positions (Fall 2021~Spring 2022)
Program coordinator, Interior Architecture Program (Summer 2020~Summer 2024)
Tenure oversight committee for Prof. Uchita Vaid (Chair, 2021~)
Tenure oversight committee for Prof. Nastaran Shishegar (member 2020~2021)
Chair of Faculty Search Committee for the IA program, two faculty positions (Fall 2019~Spring 2020)
Policy development on TA allocation (Spring 2019)
Tenure Oversight Committee for Prof. Kevin Ponto (2017~2018, tenured in 2018)
Graduate Program Chair (2016~ 2020)
Graduate Committee Member (2007~ 2020)
Interior Design Program Committee Member (2007~)
Task force for revisions to MS admission and program revision (2016)
Task force for revisions to PhD admission and program revision (2014)
Created on-line voting system for Graduate Admission Selection process (2014)
“**The Insider’s View**,” a grant-writing workshop for graduate students in the field of design at the UW-Madison, 2014. Organized and presented during the panel discussion.
Task force for creating recommendations for ideal MFA course of study (2012)

School Activities

Committee for Masters in Design and Innovation (MDI) director search (Chair, fall, 2021~Spring 2022).
Committee for Masters in Design and Innovation (MDI) Administrative/Academic Management Structure and PVL development (Chair, Summer & fall, 2021).
Faculty Search Committee for the Design Thinking position (Chair, Fall 2020~Spring 2021)
Faculty director, Center for Design and Material Culture (Summer 2020~). Oversees Masters of Design + Innovation.
The search committee for SoHE graduate program coordinator (member, Summer 2019)
SoHE Design Thinking advisory board (member, 2017~2018)
One SoHE Task Force on graduate education for developing a Methods of Human Ecology core course: recommended the basic content of the course and faculty who might teach it in the coming years (member)
The search committee for the Mecklenburg Endowed Chair, (member, 2016~2017)
Organized brown bag discussion, "Human Ecology Designed Spaces: Promoting Well-Being through Physical Environments Designed through Inclusive Processes" hosted by the Centers of Excellence (Thursday, February 18th, 2016)
OneSoHE 21 storytelling project (Co-Leader, 2015~2018), the project in partnership with Professor Jennifer Gaddis in the department of Civil Society and Community Studies.
Ad-hoc committee for SoHE P-FAR (Peer Faculty Annual Review) debrief, (member, 2015)

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“One SoHE 21 Design Challenge,” a community wide participatory design process for developing faculty work output display, School of Human Ecology, UW-Madison, The main organizer (Nov. 13, 2015).

University Activities

Faculty Senate (Fall 2019~ Spring 2020)
Faculty Senate Alternate (Fall 2015~Spring 2019)
Faculty Senate (Fall 2012~Spring 2015)
Creative Arts and Design Learning Community (Steering Committee, 2011~2013)
Center for East Asia Studies (Core faculty member, 2007~present)
Material Culture Program (Affiliated faculty member, 2007~present)

Professional

Expert Advisory Group on Housing and Aging Research, Urban Institute (2025~)

Journal Reviews

Cities
The Gerontologist
Frontiers in Psychology
Health Environments Research & Design Journal
Journal of Aging Studies
Space and Culture
Journal of Aging and Environment
Journal of Environmental Psychology
International Journal of Biometeorology
Clinical Interventions in Aging
Journal of Architectural Education
Aging and Mental Health
Journal of Cross-Cultural Gerontology
International Journal of Environmental Research and Public Health
Social Sciences Collection
Family & Consumer Sciences Research Journal
Building & Environment
International Journal of Constructed Environment
Journal of Housing and the Built Environment
Journal of Interior Design
BMC Public Health

Graduate Program Review Served as an external reviewer for the Department of Design graduate programs, Texas Tech University, in accordance with the Texas Higher Education Coordinating Board (THECB), Spring 2019

External examiner Serviced as an external examiner for master’s thesis from Macquarie University, Sydney, Australia (2019)

External reviewer for faculty tenure evaluation from R01 institutions (One case in 2020, two cases in 2022, one case in 2023, one case 2024)

Conference organization

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The first Co-Chair for the annual conference of Environmental Design Research Association, 48, Madison, WI, 2017.

Invited member of the Program Committee for Environmental Design Research Association, 46, Los Angeles, 2015

Public

Lectures and Public Education

“Home: Lost & Found (in Korea)” Gallery talk in connection to Do Ho Suh exhibition, Madison Museum of Contemporary Art (MMoCA), March 9, 2017

“Classroom Environment: Subjective and Objective Assessment.” (2015)
Presented to the 5th grader of Parkwood Upjohn Elementary School as part of their science class, using measurement data of their classroom. Kalamazoo, MI.

“Living Independently as Ethnic Elders” (2014), presented to the Korean American Community Services, Chicago, IL 2014 (documented in: Kim, S. (2014, August 23). “입주 노인들 만족도 높다”: 위스칸신대 신정혜 교수, 한인노인아파트 설문조사 결과 (Residential satisfaction is high for the elderly residents: Professor Jung-hye Shin, survey result on Korean elderly housing). *The Korea Times*. Chicago, IL.

“Fall Prevention in Home Environment for the Older People,” presented as part of home care workers training program, Hanul Family Alliance, Chicago, IL., 2012

Graphic Design Services

Designing educational signs for a prairie restoration project through classroom engagement (2019~2020), Catholic Multicultural Center of Madison, Madison, WI.

Educational signs for a rain garden (2017), Catholic Multicultural Center of Madison, Madison, WI.

Organizational brochure design (2017), Catholic Multicultural Center of Madison, Madison, WI.

Promotional material design for the Graduate Program in Design Studies Department (2017), School of Human Ecology, UW-Madison.

Promotional material design for the PhD Program in Consumer Behavior & Family Economics (2017), School of Human Ecology, UW-Madison.