

CURRICULUM VITAE

Zhipeng Lu, Ph.D.

Assistant Professor, Department of Architecture,
Associate Director, Center for Health Systems & Design,
College of Architecture,
Texas A&M University
Mailing address: 3137 TAMU, College Station, Texas 77845
Phone: 979-845-6183 (O); Email: luzhipeng@tamu.edu

EDUCATION

Ph.D. in Architecture. Department of Architecture, Texas A&M University, 2009.
M.Arch. Department of Architecture, Southeast University, China, 2002.
B.Arch., graduate with honor. Department of Architecture, Southeast University, China, 1999.

ACADEMIC & PROFESSIONAL POSITIONS

Assistant Professor, Department of Architecture, Texas A&M University, 2019 - present
Associate Director (2015 - present), Director for China Initiatives (2010 – present) & Fellow (2011 – present),
Center for Health Systems & Design, Texas A&M University.
Senior Lecturer, Department of Architecture, Texas A&M University, 2016 - 2019.
Lecturer, Department of Architecture, Texas A&M University, 2011 - 2016.
Postdoctoral Fellow, Center for Health Systems & Design, Texas A&M University, supervised by Dr. Roger Ulrich &
Dr. Chanam Lee, 2009 - 2010.
Vice President in Research, Best Solution International, Beijing, China, 2011 – 2014.
Design Consultant, China Senior Care Development, Hangzhou, China, with David Green, 2009 – 2013.
Designer, Joint appointment by Guangsha Architects, Inc. and Chengke Design, Inc., China. 2002-2003.
Designer (part-time), WJG Architecture and Urban Design Studio, Nanjing, China. 1999 -2002.
Intern, Architectural Design and Research Institute, Shenzhen, China. 1997 & 1999.

CREDENTIALS

LEED AP BD+C (GBCI #:10855831). U.S. Green Building Council, 2014 - present.
Certificate of Health Systems & Design. Center for Health Systems & Design, Texas A&M University, 2009.

MEMBERSHIP, AFFILIATION & SERVICE POSITIONS

Associate AIA (AIA #: 38522356), American Institute of Architects (AIA), 2018 - present.
Member and US Representative, International Union of Architects - Public Health Group (UIA-PHG), 2019 -
present
Representative of Texas A&M University, AIA Design & Health Research Consortium, 2016 – present.
Co-Chair, 2017 International Union of Architects-Public Health Group (UIA-PHG) International Student and Young
Architect Competition, 2016-2017.
Co-Chair, Global University Program in Healthcare Architecture (GUPHA), 2015-present.
Coordinator, 2015 International Union of Architects-Public Health Group (UIA-PHG) Seminar, 2013 - 2015.
Coordinator and Core Committee Member, 2015 International Union of Architects-Public Health Group
(UIA-PHG) International Student Competition, 2014-2015.
Co-Founder & Co-Editor-in-Chief, Healthcare Design China Magazine, China, 2013-2015.
Editorial Board Member, Journal of China Healthcare Architecture & Equipment, China, 2013-present.

Co-Leader, International Union of Architects-Public Health Group (UIA-PHG) Young Leaders Group, 2012 – present.

TEACHING

STUDENT AWARDS/RECOGNITIONS

Honorable Mentions, 2018 UIA-Public Health Group International Student Competition
Two winning teams: Xiwen Ma & Junhao Ma, and Qianyi Cao & Tarun Kumar Potluri
Competition project: Prefabricated Modular Community Health Center
Notes: This project was used as a design studio project for Spring 2018 ARCH 606 – Architecture Design II. Five teams (9 students) from this studio participated in the competition.

Best programming and process award, 2018 Houston AIA SES Student Design Charrette, Houston, Texas
Second Place, 2017 Houston AIA SES Student Competition, Houston, Texas.
First Place, 2016 Houston AIA SES Student Competition, Houston, Texas.

TEACHING GRANT

2016 Texas A&M University Education First Commitment High-Impact Learning Grant.
\$25,000 awarded by the College of Architecture for following project:

Fall 2016 (ARCH 205), Phoenix Center Campus Planning and Design for Traumatized Children.
This is a vertical, interdisciplinary and high-impact-learning design studio with the collaboration with Drs. Eric Bardenhagen and Kirk Hamilton, and with the Phoenix Center, Marble Falls, Texas.

COURSES TAUGHT

ENDS 115 - Design Communication Foundation I (3 credits), Fall 2004, Fall 2011, Fall 2012 & Fall 2013, Texas A&M University.

This is a first-year undergraduate course that introduces and practices observation and analysis skills, free-hand drawing and representational techniques, and architectural drawing languages.

ENDS 116 - Design Communication Foundation II (3 credits), Spring 2011, Summer 2011, Spring 2012, Spring 2013 & Spring 2014, Texas A&M University.

This is a first-year undergraduate course that examines the integration of free-hand graphics and digital modeling into design process.

ARCH 205 – Architecture Design I (4 credits), Fall 2014 & Fall 2015, Texas A&M University.

This is a second-year undergraduate design studio that introduce the methods in designing environments for human habitation and well-being.

ARCH 206 – Architecture Design II (5 credits), Spring 2015 & Spring 2016, Texas A&M University.

This is a second-year undergraduate design studio that introduces materials and construction technologies as instruments for innovative design and production.

ARCH 212 – Social and Behavioral Factors in Design (3 credits), Spring 2019, Texas A&M University.

This is a second-year undergraduate course that discusses social, behavioral, psychological influences on physical environment design and planning.

ARCH 216 - Computational Methods in Architecture (1 credit), Fall 2012, Spring 2013 & Fall 2013, Texas A&M University.

This is a first-year undergraduate course that I developed in Fall 2012. It introduces a package of software for design computation, vector drawing, 3D modeling, parametric modeling, image editing, rendering and animation.

ARCH 610 – Visual Communications (3 credits), Fall 2013, Texas A&M University.

This is a graduate course that examines the integration of free-hand graphics and digital modeling into design process.

ARCH 675 – Health Design & Research (3 credits), instructor, Spring 2016, Spring & Fall 2017, Texas A&M University.

This is a core-course for the Certificate of Health Systems and Design, which examines research-informed health environment design and planning.

ARCH 605 - Architectural Design I (6 credits), Instructor, Fall 2017 & 2018, Texas A&M University.

This is a core design studio for first-year MArch students, which “emphasizes design theory, systems of ordering in architecture and urban design, use of precedents, site and contextual issues, program development, and reinforces the awareness for public health, safety and welfare.”

ARCH 606 - Architectural Design II (6 credits), Instructor, Spring 2018 & 2019, Texas A&M University.

This is a core design studio for first-year MArch students, which “emphasizes the integration of structural, environmental, life safety, building envelope systems, building service systems, and the implementation of code compliance, resource conservation, cost control and economic analysis.”

ARCH 607 - Architectural Design III (6 credits), co-instructor, Fall 2012, Texas A&M University.

This was a second-year graduate design studio, in which students and faculty members at TAMU collaborated with peers at Southeast University (China), University of Oklahoma, and architects at IPPR (China), HKS, and Miles Associates. The project was the 300-bed Rehabilitation Hospital within the Cancer Center in Haikou, China.

ARCH 660 - Architectural Programming (3 credits), Instructor, Fall 2017, Texas A&M University.

This course introduces history and definition of programming, programming techniques, documentation and case studies, and its applications to buildings, landscape projects and urban design.

Architectural Design III (9 credits), instructor, Spring 2001, Southeast University, Nanjing, China.

This was a third-year undergraduate design studio, in which students designed a 2000-square-meter exhibition center on the Southeast University campus.

DESIGN FOR HEALTH STUDIO PROJECTS

Fall 2019 (ARCH 605), Mixed-use, Intergeneration Community in Mueller, Austin, Texas.

Collaboration with WAAO (We Are All One) and PI Architects.

Spring 2019 (ARCH 606), Prefab Modular Children’s Ambulatory Health Center in Orlando, Florida.

Collaboration with Nemours Children’s Health System and HDR.

Fall 2018 (ARCH 605), New Caney High School in Kingwood, Texas. Collaboration with Stantec and New Caney ISD.

Spring 2018 (ARCH 606), Prefabricated Modular Community Health Center for 2018 UIA-Public Health Group International Competition. Collaboration with EYP and FKP/Cannon Design.

Fall 2017 (ARCH 605), Uganda Children’s Cancer Center, Kampala, Uganda. Collaboration with FKP/Cannon Design and Texas Children Hospital.

Spring 2017 (ARCH 206), Aggieland Humane Society Campus Planning and Design. Collaboration with Aggieland Humane Society, Bryan, Texas.

Fall 2016 (ARCH 205), Phoenix Center Campus Planning and Design for Traumatized Children.

Collaboration with Drs. Eric Bardenhagen and Kirk Hamilton, and with Phoenix Center, Marble Falls, Texas.

Spring 2016 (ARCH 206), Ubrica Medical City Planning and Design, Kenya. Collaboration with Prof. George Mann and Dr. Chanam Lee.

Fall 2015 (ARCH 205), HEB Supermarket of the future. Collaboration with Prof. George Mann and HEB.

Spring 2015 (ARCH 206), Rotan Island Hospital, Rotan Island, Honduras. Collaboration with Prof. George Mann and HKS.

Fall 2012 (ARCH 607), Rehabilitation Hospital within the Cancer Center in Haikou, China.
Collaboration with Prof. George Mann, peers at Southeast University (China), University of Oklahoma, and architects at IPPR (China), HKS, and Miles Associates.

STUDENT COMPETITION & DESIGN CHARRETTE

Student Team Advisor

Student Design Charrette, 2020 Houston AIA SES Student Design Charrette, Houston, Texas
Student Design Charrette, 2019 ASHE PDC Conference, Phenix, Arizona.
Student Design Charrette, 2019 Houston AIA SES Student Design Charrette, Houston, Texas
Student Design Charrette, 2018 Healthcare Design Conference, Phenix, Arizona.
Best programming and process award, 2018 Houston AIA SES Student Design Charrette, Houston, Texas
Second Place, 2017 Houston AIA SES Student Competition, Houston, Texas.
First Place, 2016 Houston AIA SES Student Competition, Houston, Texas.
Student Design Charrette, 2016 Healthcare Design Conference, Houston, Texas.

RESEARCH

AREAS OF INTEREST

Environment and behavior
Environments for aging
Hospital environments
Healthy community and healthy city
Environmental psychology

PRESS INTERVIEW

Interviewed at the American Institute of Architects (AIA) Headquarter, Washington D.C. *Design & Health: Impacts of Walkable Community on Residents' Physical Activity and Health*. 2014.
Video access: <http://www.youtube.com/watch?v=MHVJ30xaRww&feature=youtu.be>
Interviewed by the China Hospital Architecture & Equipment Magazine, at the China Hospital Build Exhibition & Congress, World Expo Center, Dalian, China. 2015.

FUNDED RESEARCH

Principal Investigator. *Examining A Prototype of Virtual Reality Simulation for Healthcare Safety Training*. Texas A&M University (\$30,000), 01/01/2020 – 12/31/2021 (funded on 11/23/2019).
Principal Investigator. *Influences of Virtual Window Views on Hospital Patients' and Caregivers' Health and Well-Being*. Funded by the Center for Health & Nature (\$25,000), 06/01/2019 – 12/31/2021.
Principal Investigator. *Exploring the Impact of Physical Environment on Indoor Corridor Walking Behaviors among Assisted Living Residents*. Funded by the Robert Wood Johnson Foundation Active Living Research (\$25,000), AIA/AAH STERIS Tuttle Fellowship (\$10,000), and Nurture by Steelcase Dissertation Grant (\$2,500), 12/01/2007-05/15/2009.
Co-Principal Investigator. *Evaluating Health Impacts of Walkable Communities: Best Practices and a Toolkit for Future Design and Research*. With Xuemei Zhu (PI). Funded by American Institute of Architects (\$20,000), 07/01/2012-06/30/2014.
Co-Principal Investigator. *Research and Design for Improved Health and Healthcare Facilities in China*. With George Mann (PI). Funded by institutionalizing Collaborative Research and Partnership, 2011 China-US

- Relations Conference (\$5,000), 09/01/2011-12/01/2011.
- Co-investigator. Urban General Hospital Design for Security: Case Studies in Beijing, China. With Xiaosai Hao (PI). Funded by the China National Natural Science Foundation (\$27,500). 2017-2019.
- Co- Investigator. *Physical Activity Impacts of a Planned Activity-Friendly Community: The What, Where, When and Why of Environmental Approaches to Obesity Prevention*. With Marcia Ory (PI). Funded by National Institute of Health (\$2.68 Million). 2015-2020.
- Co-Investigator. *Does an Activity-Friendly Community Improve Children's Physical Activity? Where, When, and How?* With Xuemei Zhu (PI). Funded by Johns Hopkins University Global Center for Childhood Obesity (\$30,000), 07/01/2012-6/30/2014.
- Co-Investigator. *Case Studies of Urban Waterfront Development in China*. With Jianguo Wang (PI). Funded by the National Natural Science Foundation of China, 2000-2002.
- Project Manager. *Small Town Walkability: Measuring the Effects of the Built Environment*. With Dr. Mark Doescher (PI, University of Washington) and Dr. Chanam Lee (Co-PI, Texas A&M University). Funded by National Institute of Health (\$1,000,000), 07/10/2010-06/30/2013.
- Project Manager. *Can Policy and Environmental Interventions Increase Active School Transportation and Children's Physical Activity?* With Xuemei Zhu (PI). Funded by the Robert Wood Johnson Foundation Active Living Research (\$50,000), 01/15/2011-07/14/2012.
- Project Manager. *Safety, Health, and Equity for Active School Transportation: Interactions among Multi-level Factors and Specific Needs of Low-income Hispanic Children*. With Xuemei Zhu (PI). Funded by the Robert Wood Johnson Foundation Active Living Research (\$185,451), 01/01/2009-12/30/2010.
- Faculty Advisor for Zachary Rowley (undergraduate 4th-year student). *Examining A Prototype of Tele-behavioral Health Counseling Booth*. Texas A&M University Undergraduate Research Program/College of Architecture (\$5,000), Summer 2019.

PEER-REVIEWED JOURNAL PAPERS

- Zhu, X., Yu, C.-Y., Lee, C., & Lu, Z. (2020). From Walkable Communities to Active Lifestyles: Exploring Causal Pathways through a Case Study in Austin, Texas. *Journal of Planning Education and Research*.
<https://doi.org/10.1177/0739456X19900528>
- Zhu, L., Zhang, S., & Lu, Z. (2020). Respect for autonomy: Seeking the roles of healthcare design from the principle of biomedical ethics. *Health Environments Research & Design Journal*.
<https://doi.org/10.1177/1937586720908508>
- Zhu, X., Yoshikawa, A., Qiu, L., Lu, Z., Lee, C., & Ory, M. (2019). *Healthy workplaces, active employees: A systematic literature review on impacts of workplace environments on employees' physical activity and sedentary behavior*. *Building and Environment*, 106455. doi:10.1016/j.buildenv.2019.106455
- Lu, Z., Rodiek, S., Shepley, M., & Tassinari, L. (2015). Environmental influences on indoor walking behaviours of assisted living residents. *Building Research & Information*, 43 (5), 602-615.
 Impact factor: 1.32 (2014).
- Zhu, X., Yu, C., Lee, C., Lu, Z. & Mann, G. (2014). A Retrospective Study on Changes in Residents' Physical Activities, Social Interactions, and Neighborhood Cohesion after Moving to a Walkable Community. *Preventive Medicine*, 69, S93-S97.
 Number of citations: 4. Impact factor: 3.07 (2014).
- Zhu, X., Lu, Z., Yu, C., Lee, C. & Mann, G. (2013). Walkable communities: Impacts on residents' physical and social health. *World Health Design*, 7, 68-75.
 Number of citations: 2.
- Hu, S., Zhou, Y. & Lu, Z. (2013). Vertical transportation in large-scale hospital. *Urbanism and Architecture*, 5, 31-34. (In Chinese).
- Lu, Z., Rodiek, S., Shepley, M., & Duffy, M. (2011). Corridor walking among residents in assisted living facilities: Findings from focus group discussions. *Journal of Applied Gerontology*. 30 (4) 463-484.
 Number of citations: 11. Impact factor: 1.13 (2014).
- Lu, Z. (2010). Investigating walking environments in and around assisted living facilities: A facility visit study.

Health Environments Research and Design Journal, 3(4), 58-74.

Number of citations: 7.

- Lu, Z., & Zhu, X. (2010). An introduction of design theory and principles of long-term care facilities in the United States. *Urbanism and Architecture*, 7 (70), 14-17. (In Chinese).
- Wang, J., Fang, L., Chen, Y. & Lu, Z. (2003). A study on the urban design of the coastal waterfront in Haikou. *Planner*, 19 (9), 41-45. (In Chinese).
- Lu, Z. & Wang, J. (2002). Waterfront revitalization: South street seaport historic quarter in New York. *Journal of Urban Planning Overseas*. 2, 34-36. (In Chinese).
- Wang, J. & Lu, Z. (2001). A review of world urban waterfront development. *Journal of City Planning Review*, 7, 41-46. (In Chinese).

PEER-REVIEWED BOOK CHAPTER

- Wu, J., Lu, Z., Zhu, X., et al. (2011). Case studies of green buildings in foreign countries. In *Green Building Design and Technology*, 573-655. Nanjing, China: Southeast University Publisher. (In Chinese).

COMMISSIONED PAPERS

- Lu, Z. (2016). Trends of Healthcare Design in the USA (in Chinese). *China Healthcare Design*. 37 (12), 84-86.
- Lu, Z. (2013). Senior facility design and planning. *Chinese Hospital Architecture and Equipment*. 8, 29-32. (In Chinese). Republished in 2013 China Hospital Build Conference Proceeding.
- Lu, Z., & Zhu, X. (2012). Evidence-based design research and practice. *Chinese Hospital Architecture and Equipment*. 10, 25-29. (In Chinese).

NON-PEER-REVIEWED JOURNAL PAPERS

- Lu, Z. (2002). The failure of Deshengsha Pedestrian Street. *Journal of Taizhou Polytech Institute*. 1, 23-26. (In Chinese).

PEER-REVIEWED FULL ARTICLES PUBLISHED IN CONFERENCE PROCEEDINGS

- Lu, Z., Bardenhagen, E., & Hamilton, D. K. (2020). *An Architectural Education Experiment for A Vertical, Interdisciplinary Studio: Creating Therapeutic Environments to Foster Innovative Care for Traumatized Children*. Hospital 21: Breathing New Life in the 21st Century Hospital. The 38th UIA/PHG International Seminar on Public Healthcare Facilities Proceedings. Edited by Bologna, R. & Schinko, T., pp. 321-330.
- Zhu, X, Lu Z., Lee, C., Mann, G. & Yu, C. (2014). Impacting health: The impact of walkable community design on the health of Mueller, Texas residents. Presented at and in proceedings of the AIA Design & Health Summit. Washington, DC: The American Institute of Architects (AIA).
- Zhu, X, Lu, Z., & Bai, X. (2010). *Green and Healthy Hospitals: Incorporating the Consideration of Healthcare Outcomes Into the Green Hospital Building Rating System*. Accepted and presented at the 2010 International Symposium and Exhibition on Hospital Planning, Design, and Equipment.

REPORT

- Ulrich, R., Zhu, X., & Lu, Z. (2008). *Effects of the Physical Environment of Mental Health Facilities on Patient Aggression: Implications for Facility Design*. Prepared for the Douglas Institute Renewal Project, Douglas Mental Health University Institute, Montreal, Quebec, Canada.

CONFERENCE PRESENTATIONS

- Lu, Z., Lee, H., Zhu, X., Xu, M., Lee, C., Ory, M., Towne, S., & Griffin, G. (2019). A Multi-Method Approach: Using Survey, Online Interactive Map and Environmental Audit to Investigate Physical Environment Influences on Physical Activities. Presented at 2019 ACSP Conference. Greenville, SC.

- McCord, C., Pentecost, A. R., & Lu, Z. (2019). The Unlikely Recipe for A Healthy, Happy Telehealth Clinic. Presented at HERO Forum 19. Portland, OR.
- Lu, Z., Lee, H., Zhu, X., Xu, M., Lee, C., Ory, M., Towne, S., & Griffin, G. (2019). Integrating an Interactive Online Mapping Tool into Studies of Physical Activity-Environment Relationships. Presented at 2019 Active Living Research Annual Conference. Charleston, SC.
- Lu, Z., Hamilton, D. K., Pentecost, A. R., Yien, H., & Ling, A. (2019). Influences of Virtual Window Views on Hospital Patients' and Caregivers' Health and Well-Being. Presented at 2019 Center for Health & Nature Symposium. Houston, TX.
- Zhu, X., Yoshikawa, A., Qiu, L., **Lu, Z.**, Lee, C., & Ory, M. (2018). Healthy Workplaces for Active Employees: Impacts of Workplace Physical Environments on Employees' Physical Activity and Sedentary Behavior. Presented at 2018 HiBR Conference—Health in Buildings for Today and Tomorrow: Making Connections. Bethesda, MD. (Poster presentation).
- Lu, Z. (2018). The Value of Research in Healthcare Design and Research Organizations in the U.S. Presented at China Healthcare Architects Annual Conference, Shenzhen, China.
- Lu, Z. & Hamilton, D.K. (2018). Designing a Behavioral Health Center for Children with Life Trauma. Presented at 2018 UIA-PHG Annual Seminar in Paris Healthcare Week. Paris, France.
- Lu, Z. (2018). The Role of Architects and Multidisciplinary Collaboration in Hospital Projects. Presented at China Hospital Construction Congress & Exhibition, Wuhan, China.
- Lu, Z. (2018). Evidence-based Design Research Methods for Healthcare Projects. Presented at China Hospital Construction Congress & Exhibition, Wuhan, China.
- Zhu, X., Yoshikawa, A., Qiu, L., **Lu, Z.**, Lee, C., & Ory, M. (2018). Healthy Workplace, Healthy Employees: Status of Knowledge and Suggestions for Future Research and Practice. Presented at the Active Living Research Annual Conference. February 11-14, 2018. Banff, Canada.
- Zhu, X., Lee, C., Ory, M.G., Xu, M., Towne, S.D. Jr, **Lu, Z.**, Griffin, G., & Kellstedt, D. (2017). Conducting a Natural Experiment Study on Physical Activity Impacts of an Activity-Friendly Community: Research Protocol and Recruitment Lessons from the Field. Presented at the Active Living Research Annual Conference. February 11-14, 2018. Banff, Canada. (Poster presentation).
- Lu, Z. (2017). A Reflection of the 2017 UIA-PHG International Competition. Presented at the UIA-PHG Seminar, London, UK.
- Zhu X, Lee C, Ory M, Hefner P, Desjardin D, Adams J, Griffin G, Xu M, **Lu Z**, Towne S, Kellstedt D, & Lee S. (2017). Making of a Walkable Community: Lessons from the Mueller Community in Austin, Texas. Presented at the 2017 Active Living Research Conference, Clearwater Beach, Florida.
- Zhu X, Yu C, Lee C, & **Lu Z.** (2017). How did it happen? Exploring mechanisms for behavior changes toward active lifestyles after moving into a walkable community. Presented at the 2017 Active Living Research Conference, Clearwater Beach, Florida.
- Lu, Z. (2017). Architectural Programming for Healthcare Facilities: An Evidence-Based Approach. Presented at China Hospital Construction Congress & Exhibition, Wuhan, China.
- Lu, Z., Zhu, X, Lee, C., Ory, M., Griffin, G., Towne, S., Kellstedt, D., Xu, M., & Lee, S. (2017). Mueller: Development of a Sustainable and Walkable Community. Presented at AIA Design + Health Research Consortium Meeting. Detroit, Michigan.
- Lu, Z., Mann, G. & Lee, C. (2016). Health for Human, Animal, Environment and Economy: Implement the One Health Concept in an Interdisciplinary Design Studio. Presented at the 2016 ACSA/ASPPH Fall Conference, Honolulu, Hawaii.
- Zhu, X., **Lu, Z.**, Yu, C. & Lee, C. (2016). Who benefits the most from walkable communities? Results from a quasi-natural experimental study. Presented at the 2016 ACSA/ASPPH Fall Conference, Honolulu, Hawaii.
- Lu, Z. (2016). A Paradigm Shift: From Healthcare to One Health, at the 9th Annual Architecture + health Educators Summit, Chicago.
- Lu, Z. (2016). Health Design Theories and Evidence-Based Design Research, at the 2016 China Hospital Build Congress & Exhibition, Hefei, China.
- Lu, Z. & Hill, R. (2015). Future smart health facilities: Influences of advancement of Technology and Medicine, at

- the Future Smart Hospital Symposium 2040, Taipei, Taiwan.
- Lu, Z. & Zhu, X. (2015). *Impacts of a walkable community on residents' physical and social health*, at the TAMU First Look Colloquium, 2015 Healthcare Design Conference, Washington DC.
- Lu, Z. & Mann, G. J. (2014). *Architecture for health: The Nigeria project at Texas A&M*, at the XXV International Union of Architects World Congress, Durban, South Africa.
- Lu, Z., Zhu, X., Lee, C., Yu, C. & Mann, G. J. (2014). *Walkable communities: Impacts on residents' physical and social health*, at AIA Design & Health Summit, AIA Headquarter, Washington D.C.
- Lu, Z., Wachter, H. P., Zhou, Y. & Mann, G. (2013). *13-hour differences: Lessons learned from the China-U.S. joint healthcare design studios*, at the UIA/PHG Annual Healthcare Forum, Toronto, Canada.
- Lu, Z. (2013) *Assess Walkability of the Assisted Living Environment*, at the 67th Gerontological Society of America Scientific Meeting, New Orleans, Louisiana.
- Zhu, X., Lee, C., Lu, Z. & Mann, G. (2013). *Evaluating health impacts of walkable communities: Best practices and a toolkit for future design and research*, at the Design & Health World Congress and Exhibition, Brisbane, Australia. (Oral presentation, with published abstract)
- Lu, Z. (2013). *A Comparison of China and U.S. Hospital Design*, at the Healthcare and Senior Facility Design Symposium, Southeast University, Nanjing, China.
- Lu, Z. (2013). *Senior Facility Design and Planning*, at the 2013 China Hospital Build Conference, Nanjing, China.
- Lu, Z., Zhu, X. & Wang, K. (2012). *A China-U.S. Hospital Comparison and the Trend of China Healthcare Design*, at the Healthcare Design Conference 12, Phoenix, AZ.
- Lu, Z., & Green, D. (2011). *Designing long-term care facilities: Lessons learned from China*, at the Environments for Aging.11 Conference, Atlanta, GA.
- Lu, Z. (2009). *Environmental and perceptual influences on corridor walking behaviors among assisted living residents*, at the Environmental Design and Research Association (EDRA) Conference, Kansas City, MO.
- Lu, Z., & Joseph, A. (2009). *Designing walkable environments for independent and assisted living residents*, at the Environments for Aging.09 Conference, Boston, MA.
- Lu, Z. (2008). *Walking for healthy aging: Walkable environments for assisted living residents*, at the Healthcare Design.08 Conference, Washington, D.C.
- Lu, Z. (2008). *Design for the frail old: Environmental and perceptual influences on walking behaviors of assisted living residents* (poster), at the 6th Active Living Research Conference, Washington, D.C.
- Lu, Z. (2007). *Investigating walking environments of assisted living residents: results from facility visits*, at the 44th International Making City Livable Conference, Portland, Oregon.
- Lu, Z. (2005). *Improving the Quality of Life for Older Adults: Issues of Walking and Social interaction*, at the Research Roundtable Section of the 2nd China-U.S. Relations Conference, Beijing, China.

EDITORIAL SERVICE

- Co-editor. (2012). Focus on Human-Centered Evidence-based Design I. A special issue of the *Journal of Chinese Hospital Architecture and Equipment*. 10. (In Chinese).
- Co-editor. (2012). Focus on Human-Centered Evidence-based Design II. A special issue of the *Journal of Chinese Hospital Architecture and Equipment*. 11. (In Chinese).

SERVICE

INTERNATIONAL INITIATIVES

- Co-chair of the Global University Program in Healthcare Architecture (GUPHA), 2015-present.
- Co-chair of the 2017 UIA-PHG International Student & Young Architect Competition. Raised \$95,000: \$50,000 for the competition and \$45,000 for the exhibition of selected entries.
- Organized Chinese Hospital Administrators Facility Design and Construction Training Tour. November 12-15, 2016

in Houston, Texas.

Organized Chinese Hospital Administrators Training Workshop. December, 2016, in College Station, Texas.

Organized 2015 International Unions of Architects-Public Health Group (UIA-PHG) Annual Seminar (peer-reviewed). 2013-2015. Dalian, China, May 23-25, 2015.

Organized 2015 UIA-PHG International Student Competition. 2013-2015. This competition attracted 137 entries from 60 schools in 21 countries.

Co-founded the Young Designer's Group at UIA-PHG. 2013. This group aims to unite and build a forum for young healthcare architects all over the world.

Organized Chinese Hospital Administrators Facility Design and Construction Training Tour. March 12-18, 2015, in Texas.

Organized Chinese Hospital Administrators Facility Design and Construction Training Tour. November 13-17, 2015, in Washington DC.

Organized Chinese Hospital Administrators Facility Design and Construction Training Tour. November 14-18, 2014, in San Diego and Los Angeles, California.

Organized Chinese Hospital Administrators Facility Design and Construction Training Tour. November 15-20, 2013. At Texas Medical Center, Houston, TX and Orlando, Florida.

Coordinated and co-instructed the China-U.S. Joint Design Studio on the Rehabilitation Hospital within the Cancer Center in Haikou, China, Fall 2012. This was a six-party collaborative project included students and professors from Texas A&M University, Southeast University and University of Oklahoma, and architects from IPPR (Beijing), HKS and Mile Associates.

Edited two special issues of the Journal of Chinese Hospital Architecture and Equipment to introduce cutting-edge healthcare design and research to Chinese hospital administrators, researcher, designers and government officials. 10/2012 and 11/2012. The journal with a circulation of 8000 is supervised by China Ministry of Health.

Developed Evidence-Based Design Section and Healthcare Designers' Forum for 2012 China Hospital Build Conference (note: this is the largest conference in healthcare design in China), Beijing, China, May 2012

Produced and distributed 800 brochures to introduce TAMU, Department and College of Architecture, and the healthcare design program on 2012 China Hospital Build Conference, Beijing, China, May 2012

Co-organized and coordinated China Healthcare Facility Design Roundtable Discussion at the Health Industry Advisory Council Annual Meeting at Texas A&M University, 11/2011.

Co-organized meeting with delegates from Beijing Natural Science Foundation and researchers at Center for Health Systems & Design and Texas Transportation Institute (TTI), 11/2011.

Co-organized and coordinated China-U.S. Relations Conference Affiliated Meeting—"Health Environment Design and Research" at Texas A&M University, 10/2011.

Co-developed and coordinated Architecture for Health Lecture Series—"China: Toward Improved Health Care and Health Facilities in the Future" at Texas A&M University, Fall, 2011.

Coordinated and co-instructed China-U.S. Joint Design Studio on the Eye Hospital in Puyang, China, Fall 2011. This was a six-party collaborative project included students and professors from Texas A&M University, Southeast University and University of Oklahoma, and architects from IPPR (Beijing), HKS and Mile Associates.

Co-developed China Hospital Planning, Design and Construction Training Program for Chinese Hospital Administrators, 07/2010-present.

NATIONAL SERVICE

Member, AIA International Group

Served as a Juror for 2013 Assisted Living Federation of America (ALFA) Senior Living by Design National Competition, 2013.

DEPARTMENTAL SERVICE

Served as the chair (2018)/co-chair (2019) of the Award Committee at the Department of Architecture, Texas

A&M University. 2018 - present.
Served as a committee member for the Scholarship Committee at the Department of Architecture, Texas A&M University. 2016.
Served as a coordinator of the 2nd-year architectural design work group at the Department of Architecture, Texas A&M University. 2016.
Served as a committee member of the 2nd-year architectural design work group at the Department of Architecture, Texas A&M University. 2014 – 2016.
Coordinated the First-Year Bachelor of Environmental Design Exhibit at the College of Architecture, Texas A&M University. 2012.
Co-organized Architecture for Health Lecture Series at the College of Architecture, Texas A&M University. 2010 – present.

COLLEGE SERVICE

Served as the Associate Director for the Center for Health Systems & Design, 2015-present, Texas A&M University.
Served as a committee member for the Center for Health Systems & Design Director search, 2015-2016, Texas A&M University.

DESIGN & CREATIVE WORK

ARCHITECTURAL PROGRAMMING

Developed the architectural program for design and planning for the Phoenix Center for Children with Life Trauma in Marble Falls, Texas. Collaboration with Drs. Kirk Hamilton and Eric Bardenhagen. 2016.

ARCHITECTURAL & INTERIOR DESIGN (selected)

Designer. The prototype of tele-behavioral health booth at the Texas A&M Health Science Center Tele-Behavioral Health Clinic (Director: Dr. Carly McCord). 2020.

Interior Designer. The Snoezelen Room at St. Joseph Manor Retirement Community, 180 sq.ft, Bryan, Texas, designed and built in 2006. This room is used to provide multi-sensory therapy to people with the Alzheimer's.

Designer and Project Director. The Museum of Chinese Rice Wine, Shaoxing, China, 158,000 sq.ft, designed in 2003. Won the second place in the national competition.

Designer and Project Manager. Hengtai Residential and Commercial Complex, Jiangshan, China, 258,000 sq.ft, designed in 2002, built in 2005.

Designer and Project Manager. The Dermatoses Hospital, Dongyang, China. 64,000 sq.ft, designed in 2002, built in 2004.

Designer. Baiyun Conference and Exhibition Center, Dongyang, China, 215,000 sq.ft, designed in 2001.

Intern Architect. Yantian Administrative Center, Shenzhen, China. 538,000 sq.ft, designed in 1999. With Jianmin Meng (Chief Architect). Won the second place in the international competition.

Intern Architect. International Exhibition and Convention Center, Shenzhen, China. 2,153,000 sq.ft, designed in 1999. With Jianmin Meng (Chief Architect). Won the fifth place in the international competition.

Intern Architect. The Century Plaza, Kunming, China. 645,000 sq.ft, designed in 1997, built in 2001. With Jianmin Meng (Chief Architect). Won the first place in the national competition.

URBAN DESIGN

Designer and Planner. Conceptual Urban Design, Haikou, China, 9,884 acres, 2001. With Jianguo Wang (Project Director).

Designer and Planner. Jinma Commercial Pedestrian Street, Changzhou, China, 24.7 acres, 2001. With Jianguo Wang (Project Director).

Designer and Planner. Urban Design of the Traditional Grand Axis, Guangzhou. Guangdong, China, 91.3 acres, 2000. With Jianguo Wang (Project Director). Won the first place in the national competition. The urban design guidelines we developed are currently being implemented by the City of Guangzhou.

Designer and Planner. Pengcheng Road Commercial Pedestrian Street, Xuzhou, China, 258,000 sq.ft, designed in 2000, built in 2003. With Jianguo Wang (Project Director).