

# CHANAM LEE

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## EDUCATION

- Ph.D.      **Urban Design and Planning, University of Washington, Seattle, WA, 2004.**  
Dissertation Title: Activity-Friendly Communities: Physical environmental determinants of walking and biking, and their policy implications for land use and urban development  
Advisor: Dr. Anne Vernez Moudon  
Committee Members: Drs. Mugerauer, LoGerfo, Rutherford and Bae
- MLA      **Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX, 1999.**  
Professional Project Title: Northshore: A Health-Oriented Neighborhood Development, Jonestown, TX (Client: Silver Creek Development Company, Austin, TX)  
Advisor: Dr. Chang-Shan Huang  
Committee Members: Drs. Ulrich, Rodiek and Mann
- Certificate      **Health System and Design, Texas A&M University, College Station, TX, 1999.**
- BA      **Landscape Architecture, Kyungpook National University, Daegu, South Korea, 1996.**

## ACADEMIC POSITIONS

- 2004–present      ***Assistant Professor. Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX.***
- 2001–2004      ***Lab Manager. Urban Form Lab, Urban Design and Planning, University of Washington, Seattle, WA.***
- 2001–2004      ***Project Manager and Research Assistant. Urban Design and Planning, University of Washington, Seattle, WA.***  
Managed and conducted research for a 3-year project, Auditing Communities for Walkability and Bikeability (PI: Dr. Moudon, funded by the Centers for Disease Control and Prevention's Special Interest Project).
- 2001–2002      ***Instructor. Urban Design and Planning, University of Washington, Seattle, WA.***  
Taught two courses, including Introduction to Community and Environmental Planning and Field Work on Human-Environment Relationships.
- 2001-2002      ***Research Assistant and Co-Principal Investigator. Urban Design and Planning, University of Washington, Seattle, WA; Seoul Development Institute, Seoul, Korea.***  
Involved in studying the urban form (land use and transportation) of Los Angeles, one of the six world cities being studied for the International Urban Form Study (PI: Drs. Moudon and Kim).
- Summer 2001      ***Researcher. Washington State Department of Transportation, Seattle, WA.***  
Involved in reviewing development permit proposals for the Transportation Efficient Land Use project.

## PROFESSIONAL EXPERIENCE

- 2005–2006 **Land Planning Consultant. Seadrift Partners, Austin, TX.**  
Responsible for developing concept plans and master plans for a 6,000-acre coastal property in Calhoun County, TX.
- Summer 2000 **Landscape Designer. JGM Landscape Architects, Bellevue, WA.**  
Involved in design/planning development, presentation graphics, construction documents for various landscape architectural projects.
- 1998–1999 **Land Planning Consultant and Research Assistant. Silver Creek Development Company, Austin, TX.**  
Responsible for development programs, concept plans, master plans, and site plans for the 575-acre residential development, under the direction of Dr. Huang, Northshore Community, Jonestown, TX.

## RESEARCH EXPERIENCE

### EXTERNAL GRANTS AND RESEARCH PROJECTS

- 2008-2011 **Principal Investigator.**
- The Robert Wood Johnson Foundation, Active Living Research Program (Dr. Sui, Co-PI, Dr. Zhu, Project Manager & Co-PI, Dr. Varni, Co-I)
  - The “Whys” and “Why Nots” of Active Living: Barriers and Motivators among High Risk Children.
- This research examines multi-level natural and virtual experiments to identify specific interventions effective in promoting walking and physical activity and reducing obesity among high-risk groups of children. It will identify barriers and motivators of active living; examine disparities in environmental supports for active living; and identify varying distance thresholds for walking in different environmental settings.
- 2008-2010 **Co-Principal Investigator.**
- The Robert Wood Johnson Foundation, Active Living Research Program (Dr. Zhu, PI, Drs. Varni & Kwok, Co-Is)
  - Safety, Health, and Equity for Active School Transportation: Interactions among Multi-Level Factors and Specific Needs of Low-Income Hispanic Children.
- This research aims: 1) to examine the mediating and moderating factors in the relationship between objective physical environment and active school transportation; 2) to examine the environmental supports and threats among low-income Hispanic children; and 3) to identify an acceptable walking distance for elementary school children and to test whether this distance varies by race or physical context.
- 2008-2013 **Co-Investigator.**
- The Robert Wood Johnson Foundation (Dr. Ory, Co-PI, Dr. Hoelscher, Co-PI)
  - Statewide Evaluation of Childhood Obesity Prevention Policies in Texas: Texas Safe Routes to School & Increased Healthy Food Access for WIC Clients (T-COPPE).
- This research is to conduct a statewide evaluation of two key childhood obesity prevention policies in Texas: the Safe Routes To School (SRTS) program; and the program rule revising the federal food allocation package administered through Texas Women, Infants and Children Nutrition Program. I am involved in the assessment of environmental factors and the SRTS program, and in the statistical analysis of the project.

- 2008-2009 ***Principal Investigator.***
- Institute for Obesity Research and Program Evaluation, Texas A&M University; and College Research and Interdisciplinary Council, College of Architecture, Texas A&M University (Dr. Murano, Co-PI)
  - Campus Environment, Diet and Activity: Does the environment have a role in promoting health behaviors among TAMU students?
- This pilot study is to explore the impact of food and physical activity environments where students live, work and study on energy expenditure. It will also compare diet and physical activity behaviors among under-weight, normal, overweight, and obese groups of students.
- 2008-2009 ***Co-Principal Investigator.***
- The Robert Wood Johnson Foundation, Active Living Research Program (Dr. Olvera, PI, Dr. Bush, Co-I, Dr. Smith, Co-I)
  - Urban Hispanic Perceptions of Environment and Activity among Kids (UH-PEAK).
- This research assesses the role of environmental variables, and child and maternal perceptions of physical activity friendliness of the home, school, and park environments in predicting physical activity behaviors among Hispanic elementary school students.
- 2007-2008 ***Co-Principal Investigator. (equal PI with Dr. Forjuoh)***
- Scott and White Hospital (Dr. Forjuoh, Co-PI, Dr. Ory, Co-I)
  - Promoting Walking among Obese and Diabetic Patients in Integrated Health Care Plans: Physician and environmental determinants.
- It explores how the characteristics of the neighborhood environment influence physical activity and walking among those who are clinically obese and/or diabetic. It examines the extent to which health care providers encourage walking or provide specific written prescriptions for exercise for their patients, and are aware of the environmental influences on health behaviors.
- 2006-2008 ***Co-Principal Investigator. (equal PI with Drs. Giusti and Lord)***
- Southwest University Transportation Center, Texas Transportation Institute (Drs. Giusti and Lord, Co-PIs)
  - Transportation Infrastructure and Quality of Life for Disadvantage Populations: A pilot study of two colonias in Texas.
- It examines the quality of the transportation infrastructure and the overall built environment to identify factors that contribute to health and quality of life for the economically challenged, Hispanic populations living in Texas colonias (small border communities along the US-Mexico border).
- 2006-2007 ***Principal Investigator.***
- International Council of Shopping Centers (Dr. Sharkawy, Co-PI)
  - Value by Design: Smart design principles for neighborhood shopping centers.
- This pilot study analyzes the designs and locations of food-related neighborhood shopping centers to understand factors that contribute to higher foot traffic and higher share of non-motorized modes to access the shopping centers; identifying the design characteristics that may be associated with increased property values.
- 2005-2006 ***Principal Investigator.***
- The Seadrift Partners, Austin, TX
  - Evidence-based Planning and Design for Falcon Point Master Planning.
- This project applies an evidence-based approach to plan and design a master-planned community in a 6,000-acre coastal property in Texas; translating research findings on healthy and active living communities were translated into design solutions.

- 2003-2004 **Principal Investigator.**
- The Robert Wood Johnson Foundation, Active Living Research Program, New Investigator Dissertation Award
  - Activity-Friendly Communities.
- This dissertation research examines the built environmental conditions that supported different purposes of walking (travel and recreation) and social equity issues related to variations in the environmental supports for physical activity by among those who are economically challenged and at high health risk.
- 2004-2007 **Consultant.**
- Healthy Aging Network, University of California, Berkeley, and Robert Wood Johnson Foundation (PI: Dr. Satariano)
  - Environmental Correlates of Physical Activity among Older Adults: A Healthy Aging Network collaboration.
- 2006-present **Consultant.**
- National Institute of Aging, Phase II SBIR (PI: Dr. Rodiek)
  - A New Tool Applies Research to Assisted Living Design: A multimedia program on planning outdoor access at long-term care facilities.
- 2008 **Consultant.**
- Ministry of Land, Transport and Maritime Affairs, South Korea & Korea Institute of Landscape Architects
  - Case studies of urban parks

## REFEREED JOURNAL ARTICLES

\*denotes student

\*Zhu X and Lee C (in press). Correlates of Walking to School and Their Implications for Health and Equity. *Journal of Public Health Policy*.

Lee C and \*Zhu X (in press). Environment and School Transportation: A review of evidence from physical activity, health and equity perspectives. *International Journal of Child and Adolescent Health*.

Lee C and Moudon A (2008). Active Living and Neighborhood Environments: An empirical investigation. *Building Research and Information*, 36(5), 395-411.

\*Zhu X and Lee C (2008). Walkability and Safety around Elementary Schools: Economic and ethnic disparities. *American Journal of Prevention Medicine*, 34(4), 282-290.

\*Zhu X and Lee C (2008). Personal and Environmental Correlates of Walking to School: Case Study in Austin, TX. *TheScientificWorldJOURNAL*, 8, 859-872.

Lee C (2007). Environment and Active Living: The roles of health risk and economic factors. *American Journal of Health Promotion*, 21(4), S293-304.

Lee C, Sharkawy, A. and \*Gao S (2007). Value by Design: Smart design principles for neighborhood shopping centers. *Journal of Shopping Center Research*, 14(2), 73-96.

Moudon A, Lee C, Cheadle A, Collier C, Johnson D, Schmid T and Weather B (2007). Attributes of Walking-supportive Environments. *American Journal of Health Promotion*, 21(5), 448-459.

Lee C, Moudon A (2006). The 3Ds+R: Quantifying land use and urban form correlates of walking. *Transportation Research D*, 11(3), 204-215.

Lee C and Moudon A. Correlates of Walking for Transportation or Recreation Purposes (2006). *Journal of Physical Activity and Health*, 3(1), S99-S117.

Lee C, Moudon A, and Courbois J (2006). Built Environment and Behavior: Spatial sampling using parcel data. *Annals of Epidemiology*, 16(5), 387-394.

Moudon A, Lee C, Cheadle A, Collier C, Johnson D, Schmid T and Weather B (2006). Operational Definition of Walkable Neighborhood: Empirical and theoretical insights. *Journal of Physical Activity and Health*, 3(1), S77-S98.

Moudon A, Lee C, Cheadle A, Collier C, Johnson D, Schmid T and Weather B (2005). Cycling and the Built Environment. *Transportation Research D*, 10(3), 245-261.

Lee C and Moudon A (2004). Physical Activity and Environment Research in the Health Field: Implications for urban and transportation planning practice and research. *Journal of Planning Literature*, 19(2), 147-181.

Moudon A and Lee C (2003). Walking and Biking: An evaluation of environmental audit instruments. *American Journal of Health Promotion*, 18(1), 21-37.

## **BOOK CHAPTERS**

Lee C and \*Zhu X (2008). School Transportation, Health and Equity: The role of built environments. In. *Transportation Research Trend*. Edited by Peter O. Inweldi. New York: Nova Science Publishers, Inc.

Moudon A and Lee C (in press). Urbanism by Numbers: A quantitative approach to urban form. In. *Towards a Metropolitan Urbanism: Essays on design, modernity and American cities*. Edited by Tatom J. Oxford, UK: Taylor & Francis Group Ltd.

Lee C (2003). Los Angeles. In. *International Urban Form Study: Development pattern and density of selected world cities*. Edited by Kim K. Seoul, Korea: Seoul Development Institute.

## **OTHER PUBLICATIONS AND REPORTS**

Guisti C, Lee C, Lord D and \*Wieters, M (2008). *Transportation Infrastructure and Quality of Life for Disadvantage Populations*. Final Report, U.S. Department of Transportation, University Transportation Centers Program, Southwest Region University Transportation Center and Texas Transportation Institute.

Lee C, \*Folzenlogan R, \*Mason C (2006). *Evidence-based Planning and Design for Falcon Point Master Planning*. Professional Report, Seadrift Partners, Austin, TX.

Lee C (2004). *Activity-friendly Communities: Correlates of walking for transportation and recreation purposes and correlates of physical activity for different sub-populations*. Doctoral Dissertation, Seattle WA: University of Washington.

Kavage S, Moudon A, Cail M, Lee C and Pergakes N (2002). *Implementing Transportation-efficient Land Use: A local overview*. Washington State Transportation Center, Seattle, WA.

Moudon A, Lee C, Cavalli J and Scully J (2002). *Transit Station Communities: Evaluation component*. Puget Sound Regional Council, Seattle, WA.

Lee C (2000). Healthy Communities: The relationship between health and the environment. In. *Comparative Land Use and Urban Developments in the US and Korea*. International Joint Study and Conference. Korea Land Corporation, Daejeon, South Korea.

## **PEER-REVIEWED CONFERENCE PAPERS**

\*Kim E and Lee C (2008). Geography of Health Disparity: Investigation into the spatial disparity in obesity and perceived health status, *Association of Collegiate Schools of Planning*, Chicago, IL. [full paper and oral presentation]

\*Kim J and Lee C (2008). *Association of Collegiate Schools of Planning*, Chicago, IL. [full paper and oral presentation by Kim]

\*Wieters M, \*Kim J and Lee C (2008). *Association of Collegiate Schools of Planning*, Chicago, IL. [full paper and oral presentation by Wieters]

\*Zhu X and Lee C (2008) Correlates of Walking to School and Their Implications for Health and Equity. *Robert Wood Johnson Foundation Active Living Research*, Washington DC. [full paper and plenary presentation by Zhu]

\*Kim E and Lee C (2008). *Active Living Research*, Washington DC. [abstract and poster]

Olvera N, Lee C, Bush J, and Smith D (2008). *Robert Wood Johnson Foundation Active Living Research*, Washington DC. [abstract and poster]

Lee C (2007). Walking To and Within Neighborhood Retail Centers: Neighborhood and site design characteristics that promote walking. *WALK 21*, Toronto, Canada. [full paper and oral presentation]

\*Kim E and Lee C (2007). Geography of Health Disparity: Investigation into the spatial disparity in obesity and perceived health status, *Association of Collegiate Schools of Planning*, Milwaukee, WI. [full paper and oral presentation by Kim]

Lee C (2007). Destination-driven Walking. *Transportation Research Board*, Washington, DC. [full paper and oral presentation]

\*Lee S, Zhang M and Lee C (2006). Correlational and Causal Investigation into the Land Use–Transportation Relationships in the Dallas-Fort Worth Metropolitan Area. *Transportation Research Board*, Washington, DC. [full paper and oral presentation by Lee S]

\*Kim E and Lee C (2006). Health Disparity and the Built Environment. *Association of Collegiate Schools of Planning*, Fort Worth, TX. [full paper and oral presentation by Kim]

\*Kim S and Lee C (2006). Healthy Communities through a Local Urban Design Initiative. *World Planning Schools Congress*, Mexico City, Mexico. [full paper and oral presentation]

Lee C (2006). Built Environment and Active Living for People with High Health Risk and Low Income. *Robert Wood Johnson Foundation Active Living Research*, San Diego, CA. [full paper and plenary oral presentation]

Lee C (2005). Quantifying Land Use and Urban Form Correlates of Walking. *American Planning Association*, San Francisco, CA. [full paper and oral presentation].

Lee C (2005). Built Environment and Active Living: Environmental correlates of walking for transportation or recreation purposes. *Western Regional Science Association*, San Diego, CA. [full paper and oral presentation]

Moudon A, Lee C, Cheadle A, Collier C, Johnson D, Schmid T and Weather B (2005). Operational Definitions of Walkable neighborhood: Empirical and theoretical insights. *Robert Wood Johnson Foundation Active Living Research*, San Diego, CA. [full paper and plenary oral presentation by Moudon]

\*Kim E and Lee C (2005). Health Disparity and the Built Environment. *Association of Collegiate Schools of Planning*, Portland, OR. [full paper and oral presentation by Kim].

Lin L, Lee C and Moudon A (2005). Perceptual versus Actual Measures of Neighborhood Environment. *Association of Collegiate Schools of Planning*, Portland, OR. [full paper and oral presentation by Lin]

Lee C and Moudon A (2005). Physically Active Travel: Environmental and socio-economic correlates of walking for transportation or recreation purposes. *Association of Collegiate Schools of Planning*, Portland, OR. [full paper and oral presentation]

Lee C and Moudon A (2003). Activity-friendly Communities: Environmental determinants of walking, physical activity, and health. *International Society of Urban Health*, New York, NY. Abstract published in *Journal of Urban Health* (2003), 80(suppl 2), ii227. [full paper and oral presentation]

Lee C and Moudon A (2003). Walkable Communities: Correlates of walking for transportation versus physical activity. *Association of Collegiate Schools of Planning-Association of European Schools of Planning Joint Congress*, Leuven, Belgium. [full paper and oral presentation]

Lee C and Moudon A (2003). Los Angeles: International urban form study. *International Society of Urban Form*, Trani, Italy. [full paper and oral presentation]

Lee C and Moudon A (2002). Environment, Transportation, and Active Living: Recent research from the health field. *Association of Collegiate Schools of Planning*, Baltimore, MD. [full paper and oral presentation]

Lee C and Moudon A (2001). Physically Active Transportation: Linking health, transportation, and urban planning. *Association of Collegiate Schools of Planning*, Cleveland, OH. [full paper and oral presentation] [1]

Lee C (2001). Physical Environment and Public Health: From physical activity and non-motorized transportation perspectives. *World Planning Schools Congress*, Shanghai, China. [full paper and oral presentation].

## PEER-REVIEWED CONFERENCE ABSTRACTS AND PRESENTATIONS

Huber, Jr. C and Lee C (2008). Simulating Statistical Power for a Multilevel Model with Skewed Data. *Hawaii International Conference on Statistics, Mathematics, and Related Fields*, Honolulu, HI. [abstract and presented by Huber, Jr.]

\*Kim E and Lee C (2007). Health Disparity and the Built Environment. *Sustainable Urbanism*, Texas A&M University, College Station, TX. [abstract and oral presentation by Kim]

Sagong J, Na J and Lee C (2007). Analysis of Connectivity and Characters between Green Spaces for Introducing Green-networks. *Sustainable Urbanism*, Texas A&M University, College Station, TX. [abstract and oral presentation by Sagong]

\*Kim E and Lee C (2007). Historic Trend of Health Disparity, *Robert Wood Johnson Foundation Active Living Research*, San Diego, CA. [abstract and poster by Kim]

Lee C (2007). Developer's Perspective toward Active Living Communities: A review of literature. *Robert Wood Johnson Foundation Active Living Research*, San Diego, CA. [abstract and poster]

Lee C (2006). Next Generation of Active Living Research in Urban Planning. *Association of Collegiate Schools of Planning*, Fort Worth, TX. [symposium and oral presentation]

Lee C (2006). Environment and Neighborhood Walking: Older versus younger adults. *International Congress on Behavioral Medicine*, Bangkok, Thailand. [abstract and oral presentation]

Lee C (2006). The Geography of Food: Accessibility, diversity and disparity. *American Planning Association*, San Antonio, TX. [abstract and oral presentation]

Moudon A, Lee C, Cheadle A, Collier C, Johnson D, Schmid T, and Weather B (2006). Instruments to Audit Environment for Neighborhood Walkability. *Robert Wood Johnson Foundation Active Living Research*, San Diego, CA. [abstract and poster]

Lee C (2005). Measuring the Built Environment for Healthy Aging Research. *American Public Health Association*, Philadelphia, PA. [abstract and oral presentation]

Lee C (2005). Active Living Research and Policy: US perspective. *US-China Relations Conference*, Beijing, China. [abstract and oral presentation]

Lee C (2005). Built Environment and Walking for Health and Transportation: People with high health risk and low income. *The 6th International Conference on Walking in the 21st Century*, Zurich, Switzerland. [abstract and oral presentation]

Lee C (2005). Built Environment and Active Living: People with high health risk and low income. *Environmental Design Research Association*, Vancouver, BC. [abstract and oral presentation]

Lee C and Moudon A (2005). Environmental Correlates of Walking for Different Purposes. *Robert Wood Johnson Foundation Active Living Research*, San Diego, CA. [abstract and poster presentation]

Lee C (2005). Destination-driven Walking. *Association of Collegiate Schools of Planning*, Portland, OR. [abstract and oral presentation]

Moudon A, Lee C, Cheadle A, Collier C, Johnson D, Schmid T, and Weather B (2005). Instruments to Audit Environment for Neighborhood Walkability. *Robert Wood Johnson Foundation Active Living Research*, San Diego, CA. [abstract and poster]

Moudon A, Lee C, Cheadle A, Collier C, Johnson D, Schmid T, and Weather B (2005). Bicycling and the Built Environment. *Transportation Research Board*, Washington, DC. [abstract and poster]

Hunter R, Sible C, Kealey M, Kruger J, Ivey S, Satariano W, Bayles C, et al. (2005). Older Adults, Physical Activity, and the Built Environment. *Annual Minority Health Conference*, Chapel Hill, NC. [abstract and poster]

Kealey M, Kruger J, Hunter R, Ivey S, Satariano W, Bayles, C, et al. (2005). Engaging Older Adults to be More Active Where They Live: Audit tool development. *National Conference on Chronic Disease Prevention and Control*, Atlanta, GA. [abstract]

Moudon A, Lee C and Courbois J (2004). Spatial Sampling and the Built Environment. *Robert Wood Johnson Foundation Active Living Research*, Del Mar, CA. [abstract and poster]

Lee C (2004). Activity-friendly Communities: Physical environmental determinants of walking and biking, and their policy implications for land use and urban development. *Robert Wood Johnson Foundation Active Living Research*, Del Mar, CA. [abstract and poster].

Huang C, Lee C and Han K (1998). How Well Do We Teach Research Methodology? A survey on research methodology courses of MLA programs in the US. *Council of Educators in Landscape Architecture*, Arlington, TX. [abstract and oral presentation by Huang]

## **INVITED PRESENTATIONS**

2008 Elements of the Physical Environment that Promote Health. *Houston Obesity Summit*, Houston Wellness Association, Houston, TX. [plenary]

2008 Healthy People Healthy Environments: Walkable and bikeable communities. *International Forum on Environment*, Changwon, Korea. [plenary keynote]

2008 Building Healthy Communities: Walkable and bikeable communities. Chungnam Development Institute, Choen-An, Korea. [special lecture]

2008 Healthy and Active Living Communities. *Elder Friendly Communities*. Iowa State University, Ames, IA. [keynote]

2008 Designing Healthy Neighborhoods to Promote Outdoor Activities for Recreation and Transportation. The Outdoor Recreation Association and Province University, Taichung County, Taiwan. [special lecture]

2008 Walking for Health: The role of built environment. Department of Leisure Industry Management. National Chin-Yi University of Technology, Taichung, Taiwan. [special lecture]

2008 Sustainable Lifestyle through Sustainable Landscape. *Sustainable Landscape conference*, National Chin-Yi University of Technology, Taichung, Taiwan. [full paper and plenary keynote]

2008 Assessing the Built Environment for Physical Activity Research: Research and measurement issues. Tokyo Medical University, Tokyo, Japan. [special lecture]

- 2008 Using GIS to Assess the Built Environment: Application for active living research in the US. Waseda University, Tokyo, Japan. [special lecture]
- 2008 Building Walkable and Healthy Urban Centers. Daegu-Gyeongbuk Development Institute, Daegu, Korea. [special lecture at a forum]
- 2007 Quantifying the Built Environment for Physical Activity Research. *Geospatial Technologies and Public Health: Mapping diseases, promotion health*, Texas A&M University, College Station, TX. [conference concurrent session]
- 2007 Physical Activity and the Built Environment. *Women's Health is the Community's Health: Impacting Women's Lives in Urban Places*. University of Pennsylvania, Philadelphia, PA. [plenary]
- 2007 Environment and Physical Activity. *The 10<sup>th</sup> Cooper Institute Series conference: Diversity in Physical Activity and Health: Measurement and Research Issues and Challenges*. The Copper Institute, Dallas, TX. [plenary]
- 2007 Activity-friendly Communities. *Turning the Corner: Latino Community Partnerships for Fitness and Health*, University of Notre Dame, IN. [plenary]
- 2007 Healthy Communities for Healthy Living: A global urban design agenda and recent trends in research. Seoul National University, Seoul, Korea. [special lecture]
- 2007 Building Healthy Communities. Prime Minister's Office, Seoul, Korea. [special lecture]
- 2007 Healthy Communities: Built environment and active living through a multidisciplinary approach to policy, research and design. Keimyung University, Daegu, Korea. [special lecture]
- 2007 Graduate Studies in the US. Kyungpook National University Women's Career Center, Daegu, Korea. [special lecture/plenary]
- 2007 Building Healthy Communities: Research and practice. Kyungpook National University, Daegu, Korea. [special lecture]
- 2007 Building Healthy Communities. Daegu Development Institute, Daegu, Korea. [special lecture/plenary]
- 2006 Built Environment and Physical Activity. Inter-University Program in Latino Research, Summer Workshop on Latino Obesity: Using research for understanding and action, Notre Dame, IN. [plenary]
- 2006 Cycling and the Built Environment. Bicycle Congress, Boise, ID. [plenary]
- 2006 Built Environment and Active Living: A multidisciplinary approach to policy, research and design. Yonsei University, Seoul, Korea. [special lecture]
- 2006 Wellbeing City: Built environment and active living. Kyungpook National University, Daegu, Korea. [special lecture]

- 2005 Built Environment and Active Living. Tem-Bel Health and Wellness Coalition Meeting, Temple, TX. [lecture]
- 2005 Built Environment and Active Living: New research directions. Geography Colloquium, Texas A&M University, College Station, TX. [lecture]
- 2005 Built Environment and Active Living for Obesity Prevention. Vice Present office of Research, Texas A&M University, College Station, TX. [lecture]
- 2004 Built Environment and Active Living: Environmental correlates of walking for transportation or recreation purposes. Interdisciplinary Ph.D. program in Urban Design and Planning Annual Meeting, University of Washington, Seattle, WA. [lecture]
- 2004 Environmental Correlates of Walking for Transportation versus Recreation. State of Washington Department of Transportation, Seattle, WA. [lecture]
- 2004 Walkable and Bikable Communities Project. Active Seattle, Seattle, WA. [lecture]
- 2004 Walkable and Bikable Communities Project. Feet First, Seattle, WA. [lecture]
- 2002 Using GIS to Measure Walkability and Bikability of the Environment: WBC project. *International Society of Behavioral Nursing and Physical Activity*, Seattle, WA. [conference plenary]
- 2001 Healthy Neighborhood Design and Planning. Kyungsan University, Kyungsan, Korea. [special lecture]
- 2001 Landscape Architecture and Urban Design Practices in Korea and the US. Keimyung University, Daegu, Korea. [special lecture]
- 1999 Professional Project Presentation: Health-oriented communities in Northshore, Jonestown, TX. Kyungpook National University, Daegu, Korea. [special lecture]

## **GUEST LECTURES AND OTHER PRESENTATIONS**

- 2008 Community Design, Physical Activity and Health. ARCH 675: Health Design and Research, Department of Architecture, Texas A&M University, College Station, TX. [every year from 2004 to 2008]
- 2008 Art and Science of Landscape Architecture. LAND200: Introduction to Landscape Architecture Practice. Department of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX. [every semester from Spring 2005 to Spring 2008]
- 2007 Urban Spaces and Their Impact on Lifestyle and Health. Global Symposium, College of Architecture, Texas A&M University, College Station, TX.
- 2007 Activity-Friendly Communities. Department of Health and Health Performance, University of Houston, Houston, TX.
- 2007 Built Environment and Active Living: A multidisciplinary approach to policy, research and design. Department of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX.

- 2007 Built Environment and Active Living: A multidisciplinary approach to policy, research and design. PLAN673: Sustainable Transportation, Department of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX.
- 2006 Built Environment and Active Living: The roles of health risk and economic factors. Global Symposium, College of Architecture, Texas A&M University, College Station, TX.
- 2005 Built Environment and Active Living. LAND 321: Landscape Design. Department of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX.
- 2005 Built Environment and Active Living. Urban Regional Science Program Doctoral Student Forum, Texas A&M University, College Station, TX.
- 2005 Science of Landscape Architecture. Department of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX.
- 2005 Active Living Research and Policy. Department of Architecture, Texas A&M University, College Station, TX.
- 2004 Built Environment and Active Living. Center for Health System and Design, College of Architecture, Texas A&M University, College Station, TX.
- 2004 Built Environment and Active Living: Environmental correlates of walking for transportation and recreational purposes. Global Symposium, College of Architecture, Texas A&M University, College Station, TX.
- 2004 Theoretical and Conceptual Dimensions of Walking. Department of Urban Design and Planning, University of Washington, Seattle, WA.
- 2004 Built Environment and Active Living: Urban form and land use correlates of walking and biking. Department of Urban Design and Planning, University of Washington, Seattle, WA.
- 2004 Tool Development: Walkable and bikable communities project; Audit methods: background and overview. Healthy Aging Research Network Audit Training Meeting, St. Louis, MI. [two presentations].
- 2004 Science and Art of Landscape Architecture. LAND200: Introduction to Landscape Architecture Practice. Department of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX.
- 2003 Auditing Communities for Walkability and Bikability: WBC project. Department of Urban Design and Planning, University of Washington, Seattle, WA.
- 2003 Walkable and Bikable Communities. Department of Urban Design and Planning, University of Washington, Seattle, WA.
- 2003 International Urban Form Study: Los Angeles. Department of Urban Design and Planning, University of Washington, Seattle, WA.
- 2002 Healthy Communities: Background, research and practice. Department of Urban Design and Planning, University of Washington, Seattle, WA.

## **TEACHING**

### **COURSES TAUGHT**

#### **Current Courses at Texas A&M University, Landscape Architecture and Urban Planning**

- LAND 318: Landscape Architecture Design studio, Bachelors of Landscape Architecture 3rd year students
- LAND 319: Landscape Architecture Design studio, Bachelors of Landscape Architecture 3rd year students
- LDEV 661: Development and Environment, Master of Science in Land Development 1st year students
- LAND 601: Landscape Architecture Design studio, Master of Landscape Architecture 1st year students
- LAND 689: Design and Active Living, a graduate level, multi-disciplinary class addressing built environment-physical activity relationships (new class I developed)

#### **Previously Taught Classes at University of Washington, Urban Design and Planning**

Sole Instructor:

- CEP 498: Field Work in Human-Environment Relationship, Summer 2002 (new class I developed)
- CEP 120: Introduction to Community and Environmental Planning, Fall 2001

Co-Instructor:

- CEP 120: Introduction to Community and Environmental Planning, Spring 2001

## **SERVICE ACTIVITIES**

### **AD-HOC JOURNAL REVIEWS**

American Journal of Preventive Medicine

Journal of Planning Education and Research

Medicine and Science in Sports and Exercise

International Journal of Sustainable Transportation

American Journal of Health Promotion

Transportation Research Record

Landscape and Urban Planning

Journal of Public Health Policy

### **CONFERENCE COMMITTEES**

Program Committee Member, Active Living Research Annual Conference, The Robert Wood Johnson Foundation, 2009-2010.

Steering Committee Member, Geospatial Technologies and Public Health Symposium, Texas A&M University, 2007-2008.

Program Committee Member, Active Living Research grantee meeting, The Robert Wood Johnson Foundation, 2006-2007.

Program Committee Member, Collaborative Partnership, College of Architecture, Texas A&M University, 2006-2007.

Technical Committee Co-Chair, College of Architecture, International Conference on Sustainable Urbanism, Texas A&M University, 2006-2007.

Advisory Committee Member, Region X (States of Alaska, Idaho, Oregon and Washington) Conference: A regional response to the call to action to prevent obesity, 2003.

## **RESEARCH SERVICES**

National Expert Panel Member, Robert Wood Johnson Foundation, GIS Childhood Obesity, 2008-present.

Faculty Advisor. NIH Project on children's play area (PI: Dr. Lisako). Department of Health and Kinesiology, Texas A&M University, College Station, TX, 2007-present.

Round table facilitator. Robert Wood Johnson Foundation Active Living Research annual conference, San Diego, CA, 2007.

Discussant and moderator. Urban Design session, Association of Collegiate Schools of Planning, Portland, OR, 2004.

Discussant and moderator. Changing Cities session, Association of Collegiate Schools of Planning, Kansas City, MI, 2005.

Chair. Physical Activity, Community Health, and Health Disparities session, Geospatial Technology and Public Health conference. Texas A&M University, College Station, TX, 2007.

Chair and Moderator. Health and Wellness for Sustainable Place-making session, Sustainable Urbanism conference, Texas A&M University, College Station, TX, 2007.

## **ADMINISTRATIVE AND COMMUNITY OUTREACH SERVICES**

Live Smart Texas coalition, established by the Texas Commissioner of Health, State of Texas, 2008-present.

Artist in Residence Committee, College of Architecture, Texas A&M University, 2008-present.

Brazos Valley Building Healthy Communities Coalition, Brazos Valley Council of Governments, Area Agency of Aging, Texas A&M University School of Rural Public Health, 2007-present.

Faculty Advisor, Daegu Development Institute, Daegu, Korea, 2007-present.

Faculty Advisor, Korean-American Scientists and Engineers Association, Texas A&M University, 2006-present.

MUP Advisory Board Member, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2006.

Faculty Search Committees, Hazard Planning and Landscape Architecture positions, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2007-2008.

URSC Program Committee, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2007-present.

Bittle Lane Project, LMFF foundation, Elder-Aid, 2007. [landscape architecture design studio service project].

Urban Design and Mixed-Use Development Proposals for Downtown Bryan, Bryan Downtown Economic Development, 2006 and 2007. [landscape architecture design studio and land development class service projects].

Transit-oriented Development in Houston, Gulf Coast Institute, 2005. [land development class service project].

Visiting Scholar Co-Host of Dr. Sagong, Daegu-Kyungpook Development Institute, Daegu, Korea, 2006-2007.

Visiting Scholar Host of Dr. Jung, Department of Landscape Architecture, Kyungpook National University, Daegu, Korea, 2006-2007.

## **AFFILIATIONS**

Faculty Member of the Healthy Aging Network, 2004-present.  
Centers for Disease Control and Prevention.

Faculty Associate of the Prevention Research Center, 2005-present.  
Prevention Research Center, Texas A&M University School of Rural Public Health and the Centers for Disease Control and Prevention.

Faculty Affiliate of Center for Obesity Research and Program Evaluation, 2006-present.  
Texas A&M University.

Faculty Member of the Texas Healthy Aging Network, 2005-present.  
Texas A&M University School of Rural Public Health.

Faculty Member for the Center for Health Systems and Design, 2004-present.  
College of Architecture, Texas A&M University.

Faculty Member for Certificate of Sustainable Urbanism, 2004-present.  
College of Architecture, Texas A&M University.