

Mei-Po Kwan

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EDUCATION

Ph.D.	Geography, University of California, Santa Barbara	1994
M.A.	Urban Planning, University of California, Los Angeles	1989
B.SocSci.	Geography, Chinese University of Hong Kong (First Class Honors)	1985

CURRENT POSITIONS

Professor, Department of Geography and Geographic Information Science, University of Illinois at Urbana-Champaign (2013-present)
Director, Space-Time Analysis and Research (STAR) Laboratory, University of Illinois at Urbana-Champaign
Professor, Department of Business Administration, College of Business, University of Illinois at Urbana-Champaign (2013-present)
Honorary Director, Beijing City Lab, Beijing, China (2014-present).
Visiting Professor, College of Urban and Environmental Sciences, Peking University (2016-2018)
Affiliated Faculty, Illinois Informatics Institute, University of Illinois at Urbana-Champaign (2014-present)
Affiliated Faculty, CyberGIS Center for Advanced Digital and Spatial Studies, University of Illinois at Urbana-Champaign (2013-present)
Affiliated Faculty, European Union Center, University of Illinois at Urbana-Champaign (2018-present)

PAST POSITIONS

Visiting Fellow, Royal Swedish Academy of Letters (2014)
Visiting Professor, Department of Geography, University of California, Berkeley (2012-2013)
Visiting Scientist, Department of Urban Studies and Planning, Massachusetts Institute of Technology (MIT) (2012-2013)
Adjunct Professor and Visiting Research Professor, Department of Geography and Geographic Information Science, University of Illinois at Urbana-Champaign (2012-2013)
Distinguished Professor of Social and Behavioral Sciences, Ohio State University (2005-2012)
Professor, Department of Geography, Ohio State University (2004-2012)
Professor, Division of Health Behavior and Health Promotion, College of Public Health, Ohio State University (2010-2012)
Director, Geographic Analysis Core, Initiative in Population Research (IPR), Ohio State University (2009-2012)
Graduate Faculty, Department of Women's Studies, Ohio State University (2004-2012)

Associated Faculty, John Glenn Institute for Public Service and Public Policy, Ohio State University (1999-2012)

Affiliated Faculty, Center for Urban and Regional Analysis, Ohio State University (1999-2012)

Visiting Professor, Key Laboratory of Regional Sustainable Development Modeling and Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China (July 2011)

Visiting Professor, Department of Geography, Planning and International Development Studies, University of Amsterdam, Netherlands (June 2011)

Visiting Professor, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China (January 2011)

Visiting Professor, Department of Geography, Ritsumeikan University, Kyoto, Japan (August 2010)

Belle van Zuylen Chair, Faculty of Geosciences, Utrecht University, the Netherlands (2009)

Visiting Professor, Department of Urban and Economic Geography, Peking University, Beijing, China (November 2009)

Visiting Professor, Department of Civil Engineering, University of Hong Kong, Hong Kong (November 2009).

Visiting Professor, Department of Geography, Baptist University of Hong Kong, Hong Kong (October 2009 - January 2010).

Visiting Professor, Faculty of Geosciences, Utrecht University, Netherlands (2009).

Visiting Professor, Amsterdam Institute for Metropolitan and International Developing Studies, University of Amsterdam, Amsterdam, Netherlands (July 2006).

Visiting Professor, Department of Geography, Queen's University, Kingston, Ontario, Canada (February 2006)

Visiting Professor, School of Medicine and Department of Geography, Indiana University – Purdue University, Indianapolis, Indiana (February 2006)

Visiting IGERT Distinguished Fellow, Institute of Transportation Studies and Department of Civil and Environmental Engineering, University of California, Davis, California (March 2005).

Associated Faculty, Initiative in Population Research (IPR), Center for Human Resource Research (CHRR), Ohio State University (2004-2006).

Visiting Researcher, The Netherlands Graduate School of Housing and Urban Research (NETHUR), Urban and Regional Research Centre Utrecht, and Faculty of Geographical Sciences, Utrecht University, Utrecht, the Netherlands (October 2003).

Assistant Professor to Associate Professor, Department of Geography, Ohio State University (1995-2004).

RESEARCH AND TEACHING INTERESTS

- geographies of health and wellbeing - environmental health, contextual effects on health behaviors and outcomes, subjective wellbeing, access to health care, spatial disparities in health and wellbeing, protection of geoprivacy in health research;
- human mobility and time-geographic analysis of accessibility - spatial mobility and accessibility in space-time, access to jobs and urban opportunities, the spatial mismatch between jobs and residence;
- urban travel and sustainable transportation - interaction between land use and travel, environmental impact of suburbanization and commuting, effects of subjective experience on the use of urban space and facilities, and sustainable city;
- urban, environmental, health and transport issues in US and Chinese cities;
- research method – big data analytics, GIS-based 3D geovisualization; quantitative methods (geocomputation, spatial data analysis, structural equation models, hierarchical and multilevel

- models); qualitative methods (qualitative GIS, computer-aided qualitative data analysis, oral history, narrative analysis, visual narratives); mixed-method approaches; activity diary surveys;
- geographic information science and systems (GIS);
- 3D GIS - 3D GIS data models for multi-story structures; analysis of the space-time trajectories of moving objects through visualization and data mining methods; real-time positioning technologies;
- critical GIS - knowledge, representation, power and geospatial technologies (GIS, GPS, remote sensing); the role of GIS in gender studies and feminist research;
- geographies of gender, race and religion;

HONORS AND AWARDS

Awards and Recognitions:

Stanley Brunn Award for Creativity in Geography, American Association of Geographers (2018)
 Alan Hay Award in Transport Geography, Transport Geography Research Group of the
 Royal Geographical Society with the Institute of British Geographers (RGS-IBG) (2017)
 Distinguished Scholar Award, International Association of Chinese Professionals in
 Geographic Information Sciences (CPGIS) (2017)
 Fellow, John Simon Guggenheim Memorial Foundation (2016)
 E. Willard and Ruby S. Miller Award, American Association of Geographers (2016)
 Melinda S. Meade Distinguished Scholarship Award, AAG Health and Medical Geography
 Specialty Group (2016)
 Excellence in Teaching Recognition, University of Illinois, Urbana-Champaign (2015)
 Outstanding Service Award, AAG Spatial Analysis and Modeling Specialty Group (2015)
 Distinguished Scholarship Honors, Association of American Geographers (2011)
 Elected Fellow, American Association for the Advancement of Science (AAAS) (since 2009)
 University Consortium for Geographic Information Science (UCGIS) Research Award (2005)
 Edward L. Ullman Award for outstanding contributions to transportation geography,
 AAG Transportation Geography Specialty Group (2005)

Distinctions:

The 9th most cited author in the field of urban geography based on an analysis of all papers
 in this area published between 1990 and 2010 (a 21-year period). (Source: Kong, L.
 and J. Qian. 2017. Knowledge circulation in urban geography/urban studies, 1990–2010.
Urban Studies, July 24, pp. 1–37.)
 Sole author of two articles designated as “highly cited papers” based on Web of Science
 data: (1) Kwan 2012, The Uncertain Geographic Context Problem; (2) Kwan 2013,
 Beyond Space (designation is for papers that received enough citations to place it in
 the top 1% of the academic field of Social Sciences, as of March 2018)
 Sole author of the most cited article published in 2012 in the *Annals of the Association of
 American Geographers* (Kwan, 2012, The Uncertain Geographic Context Problem;
 based on Web of Science data)
 Sole author of the article with the most Impact Factor (IF) cites among all articles published in
 the *Annals of the Association of American Geographers* in 2012 (Kwan, 2012, The
 Uncertain Geographic Context Problem) (IF citations are those received in the two calendar
 years after the year of publication. They contribute towards the Impact Factor of a journal.)
 Sole author of one of the ten most cited articles published in *Geographical Analysis*
 in the period 1969-2012 (the journal’s first 44 years; Kwan, 1998)
 Most highly cited author among all authors who published in *The Professional Geographer* for
 the period 2006-2010
 Sole author of one of the top 20 articles on the same topic indexed in BioMedLib since

publication (Kwan, 2009 *Social Science & Medicine*; reported on Oct 2, 2014)
Sole author of one of the top 10 articles on the same topic indexed in BioMedLib since publication (Kwan, 2009 *Social Science & Medicine*; reported on June 29, 2013)
Co-author of the most highly cited article on the same topic indexed in BioMedLib since publication (Richardson et al, 2013 *Science*; reported on July 21, 2013)
Co-author of one of the top ten most downloaded articles from *The Geographical Journal* in 2012 (Hawthorne and Kwan, 2012)
Sole author of 3 of the most cited articles on space-time research to date (based on the Web of Science data) and author of 7 of the most cited articles on space-time research in China in the period 1999-2013 (based on the Local Citation Score [LCS]). (Source: Gu et al. 2013. The trend and hot issues in the field of space-time research: Based on the literature citation relationships and knowledge map. *Progress in Geography* 32(9): 1332-1343)

Visiting Fellow, Royal Swedish Academy of Letters (2014)
Certificate of Excellence in Reviewing, *Geographical Analysis* (2014)
Academic Advisor, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, China (2010-2012)
Distinguished Visiting Fellow, Department of Urban and Economic Geography, Peking University, Beijing, China (supported by the Famous Overseas Visiting Scholars Lecture Program, July-August 2011)
Distinguished Visiting Fellow, Wales Institute of Social and Economic Research, Cardiff University, UK (August 2010)
Belle van Zuylen Chair, Faculty of Geosciences, Utrecht University, the Netherlands (2009)
University Fellow, Baptist University of Hong Kong, Hong Kong (2009-2010)
Dr. Martha L. Corry Faculty Fellow, Ohio State University (2006-2011)
Joan N. Huber Faculty Fellow, College of Social and Behavioral Sciences, Ohio State University (2005-2008)
IGERT Distinguished Fellow, Institute of Transportation Studies, University of California, Davis, California (2005)
Centennial Presidential Plenary Session Speaker, 100th Annual Meeting of the Association of American Geographers, Philadelphia. Session title: "Geography in the Twenty-First Century: Where Do We Go From Here?" (2004)
Elected Fellow, Royal Geographical Society (UK) (since 2004)
James and Catherine Ralston Fellow, University of Tennessee (2002-2003)
Ameritech Fellow, Ohio State University (2000-2001)

Named Lecture Delivered:

Truth Forum of Science Lecture, Zhejiang University, Hangzhou, China (2017)
Brian Hoyle Annual Lecture in Transport Geography, Annual Conference of the Royal Geographical Society with the Institute of British Geographers (RGS-IBG) (2017)
Melinda Meade Distinguished Lecture, Annual Meeting of the AAG (2017)
Evelyn L. Pruitt Lecture, Louisiana State University, Baton Rouge (2017)
Erv Zube Lecture, University of Massachusetts at Amherst, Amherst (2017)
LSGI Distinguished Lecture, Hong Kong Polytechnic University, Hong Kong (2017)
Shi Jian Distinguished Lecture, Chinese Academy of Sciences, Beijing, China (2014)
Dean's Speaker Series Lecture, University of Michigan, Ann Arbor (2014)
Christmas Lecture delivered to commemorate the 500th anniversary of Gerard Mercator (°1512), Katholieke Universiteit Leuven, Belgium (2012)
Martin Wachs Distinguished Lecture, UCLA (2012)
Yi-Fu Tuan Lecture, University of Wisconsin-Madison (2012)
J. Douglas Eyre Distinguished Lecture, University of North Carolina, Chapel Hill (2010)
Harold and Florence Mayer Lecture, University of Wisconsin-Milwaukee (2010)

Belle van Zuylen Chair Inaugural Lecture, Utrecht University, the Netherlands (2009)
Distinguished Transport Lecture, University of Hong Kong, Hong Kong (2009)
Louis Leipold Distinguished Geography Lecture, St. Cloud State University (2008)
Elizabeth Chan Geography Academic Lecture, Hong Kong Baptist University, Hong Kong (2008)
Mel Webber Lecture, University of California Transportation Center (2008)
Fleming Lecture in Transportation Geography, Association of American Geographers (2006)
Rockefeller Lecture, Dartmouth College (2004)
IGERT Distinguished Lecture, University of California, Davis (2004)
Inaugural James and Catherine Ralston Lecture, University of Tennessee, Knoxville (2003)

FUNDED PROJECTS

- 2018-2019. \$12,826. Doctoral Dissertation Research: Housing Costs and the Residential Mobility of Middle-Income Renters. Geography and Spatial Sciences Program, National Science Foundation (PI)
- 2018 \$19,460. Weed Analytics and Image Pattern Recognition for Agriculture Applications. Deere and Company (PI)
- 2017-2018. \$10,607. Doctoral Dissertation Research: Segregation and Its Effects on Social Disparities in Exposure to Air Pollution. Geography and Spatial Sciences Program, National Science Foundation (PI)
- 2017-2018. \$19,500. Detection of Crop Attributes from Data Collected via UAV-based Remote Sensing. Deere and Company (PI)
- 2016-2017. High Performance Movement Pattern Mining and Simulation with GPS Trajectory Dataset. Resourcing Open Geospatial Education and Research (ROGER), National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign.
- 2016-2019. RMB 2 million. Space-time Behavior of Urban Residents: A Sino-US Comparative Study and Theoretical Innovations (Collaborative Research). National Natural Science Foundation of China (PI)
- 2015-2016. \$20,769. The Influence of Real-Time Geographic and Psychosocial Contexts on Drug Use Behavior. University of Illinois Research Board (PI)
- 2014-2017. \$2.5 million. Acquisition of a National CyberGIS Facility for Computing and Data-Intensive Geospatial Research and Education. National Science Foundation, Major Research Instrumentation (MRI) Program (Senior Personnel)
- 2013-2015. \$300,000. CISSDA: A Unified Cyberinfrastructure Framework for Scalable Spatiotemporal Data Analytics. EAGER Program, National Science Foundation, Big Data Science and Engineering Program (Co-PI)
- 2013-2014. \$255,194. Linking Biological and Social Pathways to Adolescent Health and Well-Being. National Institute of Drug Abuse (Senior Personnel)
- 2013-2014. RMB 200,000. Space-Time Activity Patterns of Urban Residents: A Comparative Study of Chinese and U.S. Cities (Collaborative Research). National Natural Science Foundation of China (PI)

2012-2014. \$389,296. Addressing Challenges for Geospatial Data-Intensive Research Communities: Research on Unique Confidentiality Risks & Geospatial Data Sharing within a Virtual Data Enclave, National Science Foundation, Building Community and Capacity for Data-Intensive Research in the Social, Behavioral, and Economic Sciences Program (PI of Subcontract)

2012-2016. \$757,015. A Mixed-Method Study of Injection Drug Use Settings among FSWs in Tijuana. National Institutes of Health (Senior Personnel/Consultant)

2012-2015. RMB 2.5 million. Research on the Key Technologies of Urban Residents Space-time Behavior Analysis and the Demonstration of Smart Travel Service Platform. National Natural Science Foundation of China (Co-PI)

2012-2014. \$605,600. Activity Space, Social Network, and Community Influences on Adolescent Risk. William T. Grant Foundation (Co-PI)

2011-2016. \$3,049,105. Adolescent Health and Development in Context. National Institutes of Health (Co-PI)

2011-2013. \$98,292. Geospatial Frontiers in Health and Social Environments. National Institutes of Health (Senior Personnel)

2009-2014. \$3,626,539. Evolving HIV/STI Risk Environments of FSWs on the Mexico/U.S. Border. National Institutes of Health (PI of OSU)

2009-2014. \$3,487,655c. Tobacco Cessation Interventions with Ohio Appalachian Smokers. National Institute of Drug Abuse (Co-PI)

2009-2014. \$2,362,413. Initiative in Population Research. National Institutes of Health (Co-PI)

2009-2011. \$697,849. Spatial Patterns of Social Isolation, Youthful Marijuana Use, and Sexual/HIV Risk. National Institute on Drug Abuse, National Institutes of Health (Co-PI).

2009-2014. \$700,000. Mapped and Perceived Context and Adolescent Health-risk. National Institute of Child Health and Human Development (NICHD), National Institutes of Health (National Mentor).

2009-2010. \$30,000. Improving Air Pollution Exposure Assessment by Integrating Spatial-temporal Dynamics of Pollution Concentration with People's Space-time Activity Patterns. NIH-funded Initiative in Population Research, Ohio State University (Co-PI).

2008-2010. \$699,946. Dynamics of Space and Time Use: Patterns, Causes, and Consequences for Crime and Problem Behaviors. National Science Foundation, Human and Social Dynamics Program (Co-PI).

2008-2010. \$360,000. Smokeless Tobacco Marketing Approaches to Ohio Appalachian Populations. National Cancer Institute, National Institutes of Health (Co-PI).

2008-2009. \$60,000. Geovisualization of Human Activity-Travel in Space-Time: A GIS-Based Tool for Public Health Research. National Institutes of Health (PI).

2008-2009. \$35,700. Racial Disparities in Mental Health Outcomes. National Institutes of Health (sub-project of an NIH R21 grant) (Co-PI).

- 2008-2009. \$35,733. Racial Disparities in Mental Health Treatment and Outcomes. Ohio Department of Mental Health (Co-PI).
- 2006-2007. \$10,000. Urban-Social Sustainability and Access to Employment: A Mixed-Methods Multi-Scale Approach, National Science Foundation, Geography and Regional Science Program (DDRI) (PI)
- 2005-2007. \$250,000. Segregation and Local Crime: An Integrated Spatial Analysis. National Science Foundation, Sociology and Law and Social Science Programs (Co-PI).
- 2003-2007. \$1,400,000. Spatial Perspectives on Analysis for Curriculum Enhancement (SPACE), National Science Foundation, Division of Undergraduate Education, Course, Curriculum, and Laboratory Improvement (CCLI) Program. (PI of OSU)
- 2003-2004. \$53,940. The Cultural Politics of Homeland Security: Negotiating Muslim Identities After September 11. Mershon Center for International Security Studies, Ohio State University.
- 2002-2003. \$29,869. Homeland Security and the Urban Geography of Hate and Fear after 9/11: A Study on the Impact of 9/11 on the Muslim Population in Columbus, Ohio. Committee on Urban Affairs, Ohio State University.
- 2001-2005. \$191,832. The Impact of Internet Use on Women's Activity Patterns and the Gender Division of Household Labor. National Science Foundation, Information Technology Research Program (NSF-ITR).
- 2000-2001. \$23,146. Individual Access to Information on the Internet: A Study Using 3D GIS-based Visualization Methods. Ameritech Faculty Research Grant, funded by Ameritech.
- 1999-2000. \$12,000. Assessing Individual Space-Time Accessibility Using Travel Diary Data Collected by the Global Positioning System. Federal Highway Administration (FHWA), U.S. Department of Transportation.
- 1999-2000. \$3,000. Measuring and Representing Individual Accessibility in Cyberspace. Varenus Seed Grant, National Center for Geographic Information and Analysis (NCGIA), University of California, Santa Barbara.
- 1999-2000. \$10,000. A Study of Space-Time Mismatch in Columbus, Ohio, Using Geographical Information Systems (GIS). SRU-SBS Faculty Fellowship, Survey Research Unit (SRU) and the College of Social and Behavioral Sciences (SBS), Ohio State University.
- 1999-2000. \$20,191. A Study on Spatial Mismatch in the Columbus Metropolitan Area Using GIS. Committee on Urban Affairs, Ohio State University.
- 1996-1998. \$18,000. A Study of Gender/Ethnic Differences in Activity-Travel Patterns Using Geographical Information Systems. National Science Foundation.
- 1995-1996. \$20,000. Women's Access to Urban Opportunities in Columbus, Ohio. Committee on Urban Affairs, Ohio State University.
- 1995-1997. \$15,697. Destination Choice Behavior in Response to Real-Time Information in the Context of Advanced Traveler Information Systems. Seed Grant, College of Social and Behavioral Sciences, Ohio State University.

1995-1997. \$14,000. A GIS-Based Object-Oriented Travel Decision Support System for ITS, funded by the Center of Intelligent Transportation Research, Ohio State University.

1994-1996. \$102,784. Object-Oriented Dynamic GIS for Transportation Planning. University of California Transportation Center (Co-PI).

1993-1994. \$20,272. A GIS Data Model for Transportation Modeling and Planning. Dissertation Grant, University of California Transportation Center.

1992-1993. \$6,800. A GIS-Based Computational Process Model of Travel Destinations. Dissertation Grant, University of California Transportation Center.

PROFESSIONAL SERVICE

(1) Grant Proposal Review Panels or Advisory Committees

Environment, Space and Population Program, European Research Council, European Commission (EU), 2013-2017.

Hong Kong Ph.D. Fellowship Scheme (HKPFS) Selection Panel, Hong Kong Research Grants Council, 2016, 2018.

Member, Training in Biomedical Big Data Science Study Section, Center for Scientific Review, National Institutes of Health (NIH) (U.S.), 2014.

Charter Member, Community Influences on Health Behavior Study Section, Center for Scientific Review, National Institutes of Health (NIH) (U.S.), 2010-2014.

Ad Hoc Member, Community Influences on Health Behavior Study Section, Center for Scientific Review, National Institutes of Health (NIH) (U.S.), 2007-2008.

Doctoral Dissertation Research Improvement (DDRI) Advisory Panel, Geography and Regional Science Program, National Science Foundation (U.S.), 2001-2003.

Research Grants Committee, Association of American Geographers, 2000-2003.

Information Technology Workforce Program (ITWF), Directorate for Computer and Information Science and Engineering, National Science Foundation (U.S.), 2001.

Instrumentation and Laboratory Improvement Program (ILI), Directorate for Education and Human Resources, National Science Foundation (U.S.), 1996.

(2) Grant Proposal Reviewer (with number of proposals reviewed)

National Science Foundation (U.S.)

Cultural Anthropology Program (1).

Decision, Risk, and Management Science Program (1).

Doctoral Dissertation Research Improvement Grant, GRS (132).

Faculty Early Career Development (CAREER) Program, GRS (4).

Geobiology and Environmental Geochemistry Program (1).

Geography and Regional Science Program (GRS) (18).

Geography and Spatial Sciences Program (5)

Information Technology Workforce Program (10).

Instrumentation and Laboratory Improvement Program (15).

Methodology, Measurement, and Statistics (1).

Partnerships for International Research and Education (1).

Professional Opportunities for Women in Research and Education Program (1).

Small Business Innovation Research Program, National Science Foundation (2).

Sociology Program (1).

Natural Sciences and Engineering Research Council of Canada (1).

Ontario Early Research Award, Canada (1).
 Australian Research Council, Large Grant Program, Department of Employment, Education, and Training, (1).
 Austrian Science Fund (Der Wissenschaftsfonds) (1).
 William T. Grant Foundation (1).
 Israel Science Foundation (2).
 Netherlands Organization for Scientific Research (NWO) (1).
 Research Foundation of Flanders (Fonds Wetenschappelijk Onderzoek [FWO]) (1).
 Research Grants Council of Hong Kong (2).
 Royal Geographical Society (U.K.) Small Research Grants Program (1).
 Swiss National Science Foundation (1).
 United Arab Emirates University (1).
 University of Wisconsin-Milwaukee, Research Growth Initiative (1).
 University of Illinois at Urbana-Champaign, Campus Research Board (1).
 Ohio State University, Initiative in Population Research (IPR) Seed Grant Program (40).
 Clarke County Geographical Society, Georgia. (11).
 University of Rhode Island Transportation Center (URITC) (1).

(3) External Departmental Reviews

Hong Kong Baptist University, Department of Geography, 2014.
 Harvard University, Center for Geographic Analysis (CGA), 2012.
 Temple University, Department of Geography and Urban Studies, 2004.

(4) Tenure and Promotion Reviews

Lingnan University, Science Unit (Hong Kong), 2018.
 University of Leeds (UK), School of Geography and Faculty of Environment, 2017.
 Zhejiang University (China), Department of Land Management, School of Public Affairs, 2017
 University of Washington, Department of Geography, 2017.
 University of California, Riverside, School of Public Policy, 2017.
 Colgate University, Department of Geography, 2017.
 Tel Aviv University (Israel), Department of Geography and the Human Environment, 2017.
 University of Texas at Austin, Department of Geography and the Environment, 2016.
 Virginia Commonwealth University, Department of Biostatistics, School of Medicine, 2016.
 University of Connecticut, Department of Geography, 2016.
 University of Georgia, Department of Geography, 2016.
 Dartmouth College, Department of Geography, 2016.
 Chinese University of Hong Kong, Department of Geography and Resource Management, 2016.
 University of Maryland, Department of Geographical Sciences, 2015.
 University of Connecticut, Department of Geography, 2015.
 Hunter College, Department of Geography, 2015.
 University of Michigan, School of Natural Resources and Environment, 2015.
 University of Toronto at Mississauga, Department of Geography and Program in Planning, 2015.
 National Taiwan University (Taiwan), Department of Geography, 2015.
 University of Georgia, Department of Geography, 2014.
 University of Texas at Dallas, School of Economic, Political and Policy Sciences, 2014.
 National Taiwan University (Taiwan), Department of Geography, 2014.
 University at Buffalo, State University of New York, Department of Geography, 2013.
 Michigan State University, Department of Geography, 2013.
 University of Wisconsin-Milwaukee, Department of Geography, 2013.
 George Mason University, Department of Geography and Geoinformation Science, 2013.
 University of Utah, Department of Geography, 2013.

University of Missouri-Columbia, Department of Geography, 2013.
 City University of New York, Department of Geography, 2013.
 National Taiwan University (Taiwan), Department of Geography, 2013.
 Massachusetts Institute of Technology (MIT), Department of Urban Studies and Planning, 2012.
 University of Michigan, Inter-university Consortium for Political and Social Research (ICPSR),
 Institute for Social Research (ISR), 2012.
 University of Georgia, Department of Geography, 2012.
 University College London (UK), Department of Civil, Environmental and Geomatic
 Engineering, 2011.
 Pennsylvania State University, Department of Geography, 2011.
 University of Maryland, Department of Geography, 2011.
 University of Illinois at Urbana-Champaign, Department of Geography, 2011.
 Michigan State University, Department of Geography, 2011.
 Sun Yat-Sen (Zhong Shan) University (China), School of Geography and Planning, 2011.
 University of Kentucky, Department of Geography, 2011.
 University of South Florida, Department of Geography, 2011.
 University of Toronto at Mississauga (Canada), Department of Geography and Geology, 2011.
 University of Washington, Department of Geography, 2010.
 Oklahoma State University, Department of Geography, 2010.
 University of Saskatchewan (Canada), Department of Geography and Planning, 2010.
 Chinese University of Hong Kong, Department of Geography and Resource Management, 2010.
 University of Georgia, Department of Geography, 2009.
 University of Hong Kong, Faculty of Social Sciences, 2009.
 University of Vermont, Department of Geography, 2009.
 City College of the City University of New York, Department of Civil Engineering, 2009.
 University of California, San Diego, Department of Family and Preventive Medicine,
 School of Medicine, 2008.
 University of Arizona, Department of Geography and Regional Development, 2008.
 University of Oregon, Department of Geography, 2008.
 University of Illinois at Urbana-Champaign, Gender and Women's Studies Program, 2008.
 Dartmouth College, Department of Geography, 2008.
 University of Washington, Department of Geography, 2007.
 Rutgers University, Department of Geography, 2007.
 University of Georgia, Department of Geography, 2007.
 Arizona State University, School of Geographical Sciences, 2007.
 University of Nebraska, Omaha, Departments of Geography and Women's Studies, 2007.
 City College of the City University of New York, Department of Civil Engineering, 2007.
 University of Southern California, Department of Geography, 2007.
 Temple University, Department of Geography and Urban Studies, 2006.
 York University (Canada), Department of Geography, 2006.
 Pennsylvania State University, School of Information Sciences and Technology, 2005.
 McMaster University (Canada), School of Geography and Geology, 2005.
 University of Wisconsin, Milwaukee, Department of Geography, 2005.
 University of South Florida, Department of Geography, 2005.
 Syracuse University, Department of Geography, 2004.
 Georgia State University, Department of Anthropology and Geography, 2003.

(5) Editorial Service

a) Editor or associate editor

Editor, *Annals of the Association of American Geographers*, 2006-2017.
 Editor, *Regional Studies*, 2005-2006.

Associate editor, *Travel Behaviour and Society*, 2014-present.
Associate editor, *Geographical Analysis*, 2003-2012.
Book Series Editor, *SAGE Advances in Geographic Information Science and Technology (GIST) Series*, 2009-present.
Book Series Co-Editor, *Springer's International Handbooks of Human Geography*, 2009-present.
Section Editor, *International Encyclopedia of Human Geography*, 2009.
Section Editor, *International Encyclopedia of Geography: People, the Earth, Environment, and Technology*, 2017.

b) Editorial board member

Annals of the Association of American Geographers, 2018-present.
Journal of Geovisualization and Spatial Analysis, 2016-present.
Transportation Letters, 2016-present.
International Journal of Geographical Information Science (IJGIS), 2014-present.
Applied Geography, 2014-present.
The AAG Review of Books, 2013-2021.
Asian Geographer, 2011-present. (International Editorial Advisory Board)
Journal of Transport Geography, 2008-present.
The Professional Geographer, 2005-2010.
Gender, Place and Culture, 2003-2006.
The Canadian Geographer, 2002-2005. (International Editorial Advisory Board)
Geographical Analysis, 2000-2002; 2012-present.

c) Editor or co-editor of journal special issues

Editor of special issue "Human Mobility, Spatiotemporal Context, and Environmental Health: Recent Advances in Approaches and Methods." *International Journal of Environmental Research and Public Health*, 2018, ongoing.
Co-editor of special issue "Comparison and Innovation in Space-Time Behavior Research in China and the United States." *Cities*, 2018, ongoing.
Co-editor of special issue "Geoprocessing in Public and Environmental Health." *ISPRS International Journal of Geo-Information*, 2018, ongoing.
Co-editor of special issue "Spatiotemporal Big Data Analytics for Transportation Applications." *Transportmetrica A: Transport Science*, 2018, ongoing.
Co-editor of special issue "Uncertainty and Context in GIScience and Geography." *International Journal of Geographical Information Science*, 2018, ongoing.
Co-editor of special issue "Selected Studies on Urban Development Issues in China." *Urban Geography*, 2017, Vol.38, No.1.
Co-editor of special issue "Geographies of Mobility." *Annals of the Association of American Geographers*, 2016, Vol.106, No.2.
Co-editor of special issue "Geospatial Health Research." *Annals of GIS*, 2015, Vol.21, No.2.
Co-editor of special issue "Space-Time Research in GIScience." *International Journal of Geographical Information Science (IJGIS)*, 2014, Vol.28, No.5.
Editor of special issue, "International Perspectives on Research Directions in Geography and Urban Sustainability." *Asian Geographer*, 2014, Vol.31, No.2.
Co-editor of special issue "Exposure to Weather and Implications for Travel Behavior: Empirical Evidence from Europe and Canada." *Journal of Transport Geography*, 2013, Vol.28.
Co-editor of special issue "Space-time Behavior and Geography." *Progress in Geography*, 2013, Vol.32, No.9 (in Chinese).
Co-editor of special issue "Critical Space-Time Geographies." *Environment and Planning A*, 2012, Vol.44, No.9.
Editor of special issue "Geographies of Health." *Annals of the Association of American*

Geographers, 2012, Vol.102, No.5.
 Co-editor of special issue "Time Geography and Urban Planning." *Urban Planning International*, 2010, Vol.25, No.6 (in Chinese).
 Co-editor of special issue "Critical Quantitative Geographies." *Environment and Planning A*, 2009, Vol.41, No.2.
 Co-editor of special issue "Critical Quantitative Geographies 1: Beyond the Critical/Analytical Binary." *The Professional Geographer*, 2009, Vol.61, No.3.
 Co-editor of special issue "Critical Quantitative Geographies 2: Practical Engagements." *The Professional Geographer*, 2009, Vol.61, No.4.
 Co-editor of special issue "Decomposing, Transforming, and Contextualising (E)-shopping." *Environment and Planning B*, 2009, Vol.36, No.2.
 Co-editor of special issue "ICTs and the Decoupling of Everyday Activities, Space and Time." *Tijdschrift voor Economische en Sociale Geografie*, 2008, Vol.99, No.5.
 Co-editor of special issue "The Interaction between ICT and Human Activity-Travel Behavior." *Transportation Research A*, 2007, Vol.41A, No.2.
 Co-editor of special issue "The Internet, Changing Mobilities and urban Dynamics." *Urban Geography*, 2006, Vol.27, No.7.
 Co-editor of special issue "Qualitative Research and GIS." *Environment and Planning A*, 2006, Vol.38, No.11.
 Co-editor of special issue "Critical GIS." *Cartographica*, 2005, Vol.40, No.4.
 Co-editor of special issue "Addressing the Social Implications of GIS in the Technical Realm: Public Health Data and GIS." *Cartographica*, 2004, Vol.39, No.2.
 Co-editor of special issue "GIS and Social Science: New Rules of Engagement." *Cartographica*, 2004, Vol.39, No.1.
 Co-editor of special issue "Accessibility in Space and Time: A Theme in Spatially Integrated Social Science." *Journal of Geographical Systems*, 2003. Vol.5, No.1.
 Editor of special issue "Feminist Geography and GIS." *Gender, Place and Culture*, 2002. Vol.9, No.3.

(6) Journal Reviewer (85 journals)

ACME: An International E-Journal for Critical Geographies
American Journal of Epidemiology
American Journal of Preventive Medicine
American Journal of Sociology
Annals of the Association of American Geographers
Applied Geographic Studies
Applied Geography
Canadian Geographer, The
Cartographica
Cartography and Geographic Information Science
City & Community
Cities
Computers, Environment and Urban Systems
Crime Mapping: A Journal of Research and Practice
Current Anthropology
Demography
Economic Geography
Environment and Planning A
Environment and Planning B
Environmental Health Perspectives
Ethnoscapes: An Interdisciplinary Journal on Race and Ethnicity in the Global Context
European Journal of Transport and Infrastructure Research

Gender, Place and Culture
Geographical Analysis
Geographical Journal, The
Geoforum
GeoInformatica
Health and Place
Human Ecology
IEEE Computer Graphics and Applications
Information Visualization
International Journal of Behavioral Nutrition and Physical Activity
International Journal of Geographical Information Science (IJGIS)
International Journal of Environmental Research and Public Health
International Journal of Epidemiology
International Journal of Health Geographics
International Journal of Risk Assessment and Management
International Journal of Shipping and Transport Logistics
International Journal of Sustainable Transportation
International Regional Science Review
ISPRS International Journal of Geo-Information (IJGI)
ISPRS Journal of Photogrammetry and Remote Sensing
Journal of Advanced Transportation
Journal of Environmental Informatics
Journal of Exposure Science and Environmental Epidemiology
Journal of Geographical Systems
Journal of Geological Research
Journal of Regional Science
Journal of Transport Geography
Journal of Visualized Experiments
Landscape and Urban Planning
Networks and Spatial Economics
Papers in Regional Science
PLOS ONE
Population and Environment
Proceedings of the National Academy of Sciences of the United States of America (PNAS)
Professional Geographer, The
Progress in Human Geography
Regional Studies
Resources, Conservation & Recycling
Social and Cultural Geography
Social Science Quarterly
Social Science and Medicine
Socio-Economic Planning Sciences
Sociological Perspectives
Spatial Cognition and Computation
Sustainability
Tijdschrift voor Economische en Sociale Geografie (TESG)
Time and Society
Tourism Geographies
Transactions in GIS
Transactions of the Institute of British Geographers
Transport Policy
Transport Reviews
Transportation

Transportation Research A
Transportation Research C
Transportation Research Record
Transportmetrica
Travel Behaviour & Society
Urban Geography
Urban Studies
Urban and Regional Information Systems Association (URISA) Journal
Wireless Communications and Mobile Computing
Women and Politics

(7) Conference Reviewer

13th International Conference on Urban Health (ICUH 2016)
1st International Conference on Urban Informatics (ICUI 2017)
3D GeoInfo (International Workshop on 3D Geoinformation) 2008, 2009
Annual meeting of the Transportation Research Board (TRB) 2007, 2009, 2010, 2011, 2012
CyberGIS 2016
Geoinformatics 2017
GISOV 2016, 2017 (GIS Ostrava 2016, 2017)
GIScience 2008, 2010, 2012, 2014, 2016, 2018
GeoCarto 2010
Geospatial Scientific Summit, 2013
International Association for Travel Behavior Research (IATBR) 2006, 2009
International Symposium on Transportation and Traffic Theory (ISTTT) 2004
World Council on Transportation Research (WCTR) 2007

(8) Book, Book Proposal or Book Chapter Reviewer

Academic Press (1 article in the *Encyclopedia of Social Measurement* reviewed)
Annals of the Association of American Geographers (1 book reviewed)
Ashgate (1 book reviewed - *Mobilities and Health*)
Blackwell (1 book proposal reviewed)
Blackwell (1 book reviewed – *The Dictionary of Human Geography* 2009)
Pergamon/Elsevier (1 book chapter reviewed - *Advances in Activity-based Approaches*)
John Wiley & Sons (3 books reviewed)
John Wiley & Sons (1 book chapter reviewed - *Visualizing Human Movement in Attribute Space*)
McGraw-Hill (1 book reviewed)
Oxford University Press (1 bibliography in *Oxford Bibliographies* reviewed)
Sage (1 book chapter reviewed – *Handbook of GIS and Society Research*)
Taylor & Francis (1 book reviewed - *Quantitative Methods and Socioeconomic Applications in GIS*, 2nd ed.)

(9) Service to Professional Societies or Government Agencies

U.S. National Academies

Member, Committee on the Effective Use of Data, Methodologies and Technologies to Estimate Sub-National Populations at Risk (2005-2006)

U.S. National Academies, Transportation Research Board (TRB)

Member, Understanding Behavior Process: Qualitative and Quantitative Methods

Subcommittee of the Traveler Behavior and Values Committee (ADB10(4)), 2006-present
Member, Telecommunications and Travel Behavior Committee (ADB20), 2006-2012

American Association for the Advancement of Science (AAAS)

Member, Steering Group, Section K (Social, Economic and Political Sciences), 2014-2016

Association of American Geographers
(renamed the American Association of Geographers in 2016)

Member, Award Committee, AAG Wilbanks Award for Transformational Research
in Geography, 2017-2019.

Chair, Health and Medical Geography Specialty Group, 2014-15

Chair, Jacques May Thesis Prize Competition, Health and Medical Geography
Specialty Group, 2014-15.

Vice-Chair, Health and Medical Geography Specialty Group, 2013-14

Chair, Peter Gould Student Paper Competition, Health and Medical Geography
Specialty Group, 2013-14.

Reviewer, Jacques May Thesis Prize Competition, Health and Medical Geography
Specialty Group, 2013-14.

Member, Steering Committee, AAG Initiative for an NIH-Wide Geospatial
Infrastructure (2010-present)

Member, Steering Committee, AAG US-China Collaboration and Exchange
Initiative (2010-present)

National Councillor, 2005-2008

Past Chair, GIS Specialty Group, 2006-2007

Chair, Robert T. Aangeenbrug Distinguished Career Award Committee, GIS SG, 2006

Judge, Student Paper Competition, GIS Specialty Group, 2006

Chair, GIS Specialty Group, 2005-2006

Judge, Student Paper Competition, GIS Specialty Group, 2005

Vice-Chair, GIS Specialty Group, 2004-2005

Chair, Committee on the Status of Women in Geography, 2003-2005

Secretary, Geographical Perspectives on Women (GPOW) Specialty Group, 2003-2006

Board member, Transportation Geography (TGSG) Special Group, 2003-2005

Member, Affirmative Action and Minority Status Committee, 2003-2005

Member, Committee on the Status of Women in Geography, 2002-2003

Member, Research Grants Committee, 2000-2003

University Consortium for Geographic Information Science (UCGIS)

Chair, Research Award Committee for the 2018 UCGIS Research Award

Member, Board of Directors (2004-2006)

International Association of Chinese Professionals in Geographic Information Sciences (CPGIS)

Chair, Board of Directors (2015-2016)

President (2014-2015)

Chair, Annual Conference Committee (2014-2015)

AAG Liaison (2015-present)

Member, Supporting Women in GIS Committee (2015-present)

Vice-President, Treasurer (2013-2014)

Member, Board of Directors (2013-2015)

International Geospatial Health Research Network

Chair

(10) Organizer, Coordinator and/or Instructor of Workshops

- 2017 Instructor, UCGIS Summer School 2017: Collaborative Problem Solving with CyberGIS and Geospatial Data Science, National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign, May 15-20.
- 2016 Organizer, International Workshop on the Environment and Health: Challenges and Opportunities. Hong Kong Polytechnic University, August 19.
- 2016 Organizer, International Workshop on Residential Change and Health, Hong Kong Polytechnic University, August 14-16.
- 2015 Organizer, International Workshop on “Urban Issues and Space-Time Behavior in Contemporary China,” University of Illinois at Urbana-Champaign, Champaign, Illinois, April 20.
- 2013 Member of Organizing Committee, Workshop on “Geographic Human-Computer Interaction,” Computer Human Interaction (CHI) 2013, Paris, France, April 27-28.
- 2010 Co-organizer and instructor, Workshop on “Application of Spatial Analytical Techniques and GIS in Social Science,” Ritsumeikan University, Kyoto, Japan, August 23-27.
- 2010 Co-organizer and instructor, Workshop on “Using GIS in Qualitative Research,” Cardiff University, Cardiff, UK, August 5.
- 2010 Organizer and instructor, “Initiative in Population Research (IPR) GIS Workshop,” Initiative in Population Research, Ohio State University, June 10-11.
- 2010 Organizer, GIS Methodology Seminar II, Ohio State University (Sponsored by the Initiative in Population Research at OSU), January 26.
- 2010 Organizer, GIS Methodology Seminar I, Ohio State University (Sponsored by the Initiative in Population Research at OSU), January 19.
- 2007 Coordinator and instructor, Workshop on “GIS and Spatial Modeling for the Undergraduate Social Science Curriculum,” Spatial Perspectives on Analysis for Curriculum Enhancement (SPACE) Program, co-sponsored by the Center for Spatially Integrated Social Science (CSISS) and Department of Geography, Ohio State University (the workshop took place at OSU), June 18-23.
- 2006 Coordinator and instructor, Workshop on “GIS and Spatial Modeling for the Undergraduate Social Science Curriculum,” Spatial Perspectives on Analysis for Curriculum Enhancement (SPACE) Program, co-sponsored by the Center for Spatially Integrated Social Science (CSISS) and Department of Geography, Ohio State University (the workshop took place at OSU), June 18-23.
- 2005 Coordinator and instructor, Workshop on “GIS and Spatial Modeling for the Undergraduate Social Science Curriculum,” Spatial Perspectives on Analysis for Curriculum Enhancement (SPACE) Program, co-sponsored by the Center for Spatially Integrated Social Science (CSISS) and Department of Geography, Ohio State University (the workshop took place at OSU), July 10-15.
- 2004 Coordinator and instructor, Workshop on “GIS and Spatial Modeling for Use in Undergraduate Education,” Spatial Perspectives on Analysis for Curriculum Enhancement (SPACE) Program, co-sponsored by the Center for Spatially Integrated Social Science (CSISS) and Department of Geography, Ohio State University (the workshop took place at OSU), June 28- July 2.
- 2003 Coordinator and instructor, Workshop on “Accessibility in Space and Time: A GIS Approach,” co-sponsored by the Center for Spatially Integrated Social Science (CSISS) and Department of Geography, Ohio State University (the workshop took place at OSU), July 7-11.
- 2003 Leader, Geography Faculty Development Alliance Workshop, Department of Geography, University of Colorado, Boulder, Colorado, June 1-7, 2003.
- 2002 Coordinator and instructor, Workshop on “Accessibility in Space and Time: A GIS Approach,” co-sponsored by the Center for Spatially Integrated Social Science (CSISS) and Department of Geography, Ohio State University (the workshop took place at OSU), July 22-26, 2002.

2001 Coordinator and instructor, Workshop on “Accessibility in Space and Time: A GIS Approach,” co-sponsored by the Center for Spatially Integrated Social Science (CSISS) and Department of Geography, Ohio State University (the workshop took place at OSU), July 16-20, 2001.

(11) Organizer of International Conferences or Special Sessions in Professional Meetings

- 2018 Co-Organizer, Geospatial Health Research Symposium (5 sessions), AAG Annual Meeting, New Orleans, April 10-14, 2018.
- 2017 Co-Chair of the International Steering Committee, 25th International Conference on Geoinformatics (Geoinformatics 2017), Buffalo, New York, August 2-4, 2017.
- 2017 Organizer, Health and GIS Panel Session, 25th International Conference on Geoinformatics (Geoinformatics 2017), Buffalo, New York, August 2-4, 2017.
- 2017 Co-Chair of the Scientific Committee, AAG 2017 Featured Theme on Uncertainty and Context in Geography and GIScience (30 sessions), AAG Annual Meeting, Boston, April 5-9, 2017.
- 2017 Co-Organizer, Geospatial Health Research Symposium (20 sessions), AAG Annual Meeting, Boston, April 5-9, 2017.
- 2017 Co-Organizer, Advances in Analyzing Contextual Effects on Behavior, Practice and Experience I-III.” (3 sessions). AAG Annual Meeting, Boston, April 5-9, 2017.
- 2016 Co-Chair of the Organizing Committee, 12th Conference on Spatial Behavior Research and Planning, Peking University, Beijing, November 25-27.
- 2016 Chair of the AAG Organizing Committee and Member of the International Society for Urban Health (ISUH) Scientific Committee, International Geography, GIScience, and Urban Health Theme at AAG 2016 (120 sessions with about 500 papers), AAG Annual Meeting, San Francisco, March 29-April 2, 2016 and 13th Annual International Conference on Urban Health (ICUH), April 1-4, 2016.
- 2016 Co-Organizer, “AAG - ISUH Opening Session: Global Health and the Environment I-II.” (2 sessions). AAG Annual Meeting, San Francisco, March 29-April 2, 2016.
- 2016 Co-Organizer, “HIV transmission and policy in the US and Mexico.” AAG Annual Meeting, San Francisco, March 29-April 2, 2016.
- 2016 Co-Organizer and Chair, “HMGSG Award Special Session.” AAG Annual Meeting, San Francisco, March 29-April 2, 2016.
- 2015 Chair of Program Committee and Co-Chair of International Steering Committee, 23rd International Conference on Geoinformatics (Geoinformatics 2015), Wuhan, China, June 19-21.
- 2015 Co-organizer, “Women in GIS Panel Session.” 23rd International Conference on Geoinformatics (Geoinformatics 2015), Wuhan, China, June 19-21.
- 2015 Chair of Organizing Committee, International Geospatial Health Research Symposium: Creating Synergies. (57 sessions) AAG Annual Meeting, Chicago, Illinois, April 21-25.
- 2015 Co-Organizer, Symposium on Space-time Behavior and Planning in Urban China I-V.” (5 sessions) AAG Annual Meeting, Chicago, Illinois, April 21-25.
- 2015 Organizing Committee, Symposium on “Spatiotemporal Thinking, Computing and Applications.” AAG Annual Meeting, Chicago, Illinois, April 21-25.
- 2014 Co-chair of Organizing Committee, A high-level international workshop on health and GIS entitled “Fostering International Geospatial Health Research Collaborations: Challenges and Opportunities.” Hong Kong, China, June 16-18.
- 2014 Organizing Committee, AAG Symposium on “Synergistic Advances of CyberGIS and Geography.” AAG Annual Meeting, Tampa, Florida, April 8-12.
- 2014 Organizing Committee, AAG 2014 Featured Theme: “GIScience, GIS, and Public Policy.” AAG Annual Meeting, Tampa, Florida, April 8-12.
- 2014 Co-organizer, Symposium on “Geographies of Mobility I-VII.” (7 sessions) AAG Annual Meeting, Tampa, Florida, April 8-12.
- 2014 Co-organizer, “Health Urban Living I-III.” (3 sessions) AAG Annual Meeting, Tampa, Florida, April 8-12.

- 2014 Co-organizer, AAG Sessions on “Publishing for Non-Native Speakers of English I-II.” (2 sessions) AAG Annual Meeting, Tampa, Florida, April 8-12.
- 2013 Co-chair of Organizing Committee, Special AAG Symposium on “Geography, GIScience, and Health: Spatial Frontiers of Health Research and Practice.” (38 sessions) AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2013 Organizer, Plenary Session on “Spatial Frontiers on Health Research and Practice” (as part of the AAG Symposium on “Geography, GIScience, and Health: Spatial Frontiers of Health Research and Practice”) AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2013 Co-organizer, Symposium on “New Geographies of Urban China.” (7 sessions) AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2013 Co-organizer, “Methods for Capturing Joint Effects in Small Area Social Analysis.” AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2012 Organizer, International Conference on “Integrating Geographic Information Systems and Global Positioning Systems: Frontiers in Social Science Research,” Hong Kong Polytechnic University, Hong Kong, December 16-17.
- 2012 Organizer, Plenary Session on “Strategic Directions in Geography, International Perspectives.” International Conference on Spatial and Social Transformation in Urban China, Hong Kong, December 13-14.
- 2012 Member of Organizing Committee, International Conference on Spatial and Social Transformation in Urban China, Hong Kong, December 13-14.
- 2012 General Chair, 7th International Conference on Geographic Information Science (GIScience 2012), Columbus, Ohio, September 18-22.
- 2012 Co-organizer, Panel on “Space-Time Research in GIScience.” 7th International Conference on Geographic Information Science (GIScience 2012), Columbus, Ohio, September 18-22.
- 2012 Co-organizer, “Qualitative GIS Symposium I, II, III, IV, V, VI, VII, VIII.” Annual Meeting of the Association of American Geographers (AAG), New York, February 24-28.
- 2011 Co-organizer, AAG Symposium on “Space-Time Integration in Geography and GIScience.” (The Symposium had about 60 sessions with over 140 papers.) Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Organizer, “Integrating Space and Time in Social Research: Conceptual and Methodological Issues.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Organizer, “Integrating Space and Time through Information and Geospatial Technologies.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Co-organizer, “Studying Transportation, Housing and Social Issues from Spatio-temporal Data.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Co-organizer, “The Space-time Approach to Studying Individuals' Lifestyle and Quality of Life.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Co-organizer, “Collecting and Interpreting Spatio-temporal Data.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Co-organizer, “Critical Space-time Geographies I & II.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Co-organizer, “Weather, Geographical Contexts and Spatial Behavior I, II & III.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Co-organizer, NIH-Wide Geospatial Infrastructure Workshop, Rockville, Maryland, February 22-23.
- 2009 Co-organizer, “The Dynamics of Space-Time Use: Measurement, Patterns, and Consequences.” A conference at the Ohio State University, Columbus, Ohio, October 2-3. (Sponsored by the Criminal Justice Research Center at OSU, National Science Foundation, Center for Urban and Regional Analysis at OSU, Department of Sociology at OSU, and Initiative in Population Research at OSU)
- 2009 Co-organizer, “AAG/NIDA Symposium on Geography, HIV/AIDS, and Drug Abuse.” Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27.
- 2009 Co-organizer, “Geographies of Health I: GIS Applications.” Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27.

- 2009 Co-organizer, "Geographies of Health II: Dynamics of Space-Time Use: Patterns and Consequences of Activity Space." Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27.
- 2008 Co-organizer, The Third International Specialist Meeting on ICT, Everyday Life and Urban Change, Bristol, U.K., March 16-19.
- 2008 Co-organizer, "Geography and Drug Addiction: Emerging Methodologies." Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19.
- 2007 Co-organizer, "Critical Quantitative Geographies: Beyond the Critical/Analytical Binarism I-IV." Annual Meeting of the Association of American Geographers (AAG), San Francisco, April 17-21, 2007.
- 2007 Organizer, AAG GIS Specialty Group Special Lecture (Michael Batty), Annual Meeting of the Association of American Geographers (AAG), San Francisco, April 17-21, 2007.
- 2006 Co-organizer, The Second International Specialist Meeting on ICT, Everyday Life and Urban Change entitled "ICT: Mobilizing Persons, Places and Spaces," Bergen, the Netherlands, November 9-12.
- 2006 Co-organizer, "Qualitative Research and GIS." Annual Meeting of the Association of American Geographers (AAG), Chicago, March 7-11, 2006.
- 2006 Co-organizer, "Cybermobility and the Evolution of Personal Travel." Annual Meeting of the Transportation Research Board, Washington, D.C., January 22-26.
- 2005 Co-organizer, "Qualitative Research and GIS I and II." Annual Meeting of the Association of American Geographers (AAG), Denver, April 5-9, 2005.
- 2005 Co-organizer, "Women Advancing Geographic Research." Annual Meeting of the Association of American Geographers (AAG), Denver, April 5-9, 2005.
- 2005 Co-organizer, "Research Frontiers in Time Geography: A Tribute to Torsten Hagerstrand I and II." Annual Meeting of the Association of American Geographers (AAG), Denver, April 5-9, 2005.
- 2004 Co-organizer, "ICT: Mobilizing Persons, Places and Spaces - An International Specialist Meeting On ICT, Everyday Life and Urban Change." Doorn, the Netherlands, November 5-6, 2004.
- 2004 Co-organizer, "Qualitative Research and GIS I and II." Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004.
- 2004 Co-organizer, "The Status of Women in Geography I: A Peek into the Past." Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004.
- 2004 Co-organizer, "The Status of Women in Geography IV: Women Geographers in Administration." Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004.
- 2004 Co-organizer, "The Status of Women in Geography V: From Now into the Future." Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004.
- 2004 Co-organizer, "Geographies of Muslim Identities I and II." Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004.
- 2003 Co-organizer, "Security and GIS: Some Critical Reflections." Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8, 2003.
- 2003 Co-organizer, "Women, Space and Technology: Sessions I - III." Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8, 2003.
- 2002 Co-organizer, "Emerging Themes in Critical GIS: Sessions III - Feminism and GIS Education." Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23, 2002.
- 2001 Co-organizer, First International Conference on GIS and Critical Geographic Research, Hunter College, New York, February 25, 2001.
- 2000 Organizer, "GIS: Gendered Science? Feminist Method?" Annual Meeting of the Association of American Geographers (Association of American Geographers), Pittsburgh, PA, April 4-8.

(12) Other Professional Service

- 2018 Scientific Committee, 13th International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences, Beijing, China, May 21-24.
- 2018 Organizing Committee, Symposium on Spatiotemporal Thinking, Computing and Applications (ST Symposium), AAG Annual Meeting, New Orleans, April 10-14, 2018.
- 2018 Program Committee, Symposium on CyberGIS and Spatial Data Science, AAG Annual Meeting, New Orleans, April 10-14, 2018.
- 2017 International Advisory Committee of the Hong Kong Society for Transportation Studies (HKSTS) Conference Series, 2017-2021.
- 2017 Scientific Committee, 1st International Conference on Urban Informatics (ICUI 2017), Hong Kong Polytechnic University, Hong Kong, November 13-15.
- 2017 Program Committee, 25th International Conference on Geoinformatics (Geoinformatics 2017), Buffalo, New York, August 2-4, 2017.
- 2017 Organizing Committee, Symposium on CyberGIS for Advancing Data-Intensive Geographic Research and Education, AAG Annual Meeting, Boston, April 5-9, 2017.
- 2016 Member, *Lancet* Healthy Cities in China Commission, 2016-2017.
- 2016 Program Committee, 2nd International Conference on Location-based Social Media Data (ICLSM), Shanghai, China.
- 2016 Program Committee, 9th International Conference on Geographic Information Science (GIScience 2016), Montreal, Canada, September 27-30, 2016.
- 2016 Program Committee, 24th International Conference on Geoinformatics (Geoinformatics 2016), Galway, Ireland, August 14 - 20, 2016.
- 2016 Program Committee, Third International Conference on CyberGIS and Geospatial Data Science (CyberGIS'16), Urbana, Illinois, July 26-28, 2016.
- 2016 Scientific Committee, Mobile Tartu 2016, Tartu, Estonia, June 29-July 1, 2016.
- 2016 Organizing Committee, International Conference on Geographies of Health and Living in Cities: Making Cities Healthy for All, Hong Kong, June 21-24.
- 2016 Scientific Committee, 13th International Conference on Urban Health (ICUH2016), San Francisco, California, April 1-4, 2016.
- 2016 Scientific Committee, International Geography, GIScience, and Urban Health Symposium, a research symposium jointly organized by the International Society for Urban Health (ISUH) and the Association of American Geographers (AAG), AAG Annual Meeting, San Francisco, California, March 29-April 2, 2016.
- 2016 Scientific Committee, GIS Ostrava 2016 - The Rise of Big Spatial Data, Ostrava, Czech Republic, March 16-18, 2016
- 2015 Program Committee, International Conference on Location-based Social Media Data, Athens, Georgia. March 5-7, 2015.
- 2014 International Steering Committee, International Conference on Geo-Process Modeling in VGE: Managing and Sharing Geographic Knowledge, Institute of Space and Earth Information Science (ISEIS), The Chinese University of Hong Kong, Hong Kong, November 6-8, 2014.
- 2014 Program Committee, 2nd International Conference on CyberGIS and Geodesign (CyberGIS'14), Redlands, California, August 19-21, 2014.
- 2014 Scientific Program Committee, Mobile Tartu, Estonia, July 1-3, 2014.
- 2014 International Steering Committee, Geoinformatics 2014, Kaohsiung, Taiwan, June 24-27, 2014.
- 2013 Program Committee, Geospatial Scientific Summit (GSS), Second Regional Summit on Geospatial Information Science, Masdar Institute, Abu Dhabi, UAE, November 26-27, 2013.
- 2013 Scientific Steering Committee, Joint Center for Global Change Studies, Beijing Normal University, Tsinghua University, Peking University, Nanjing University, the Institute of Atmospheric Physics and the Institute of Remote Sensing and Digital Earth, Chinese Academy of Science (2013-2016).
- 2013 Steering Committee, 21st International Conference on Geoinformatics Kaifeng, China, June 20-22, 2013.

- 2013 Scientific Committee, 8th International Symposium on Spatial Data Quality (ISSDQ 2013), Hong Kong, China, May 30 - June 1, 2013.
- 2012 Program Committee, 7th International Conference on Geographic Information Science (GIScience 2012), Columbus, Ohio, September 18-22, 2012.
- 2012 Program Committee, 1st International Conference on Space, Time, and CyberGIS (CyberGIS'12), Urbana-Champaign, Illinois, August 6-9, 2012.
- 2011 International Advisory Committee of the Hong Kong Society for Transportation Studies (HKSTS) Conference Series, 2011-2015.
- 2011 International Steering Committee, 19th International Conference on GeoInformatics, Shanghai, China, June 24-26, 2011.
- 2010 Academic Advisor, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences (2010-2012)
- 2010 Program Committee, 6th International Conference on Geographic Information Science (GIScience 2010), Zurich, Switzerland, September 14-17, 2010.
- 2010 International Scientific Review Committee, GeoCart'2010 Cartographic Conference, Auckland, New Zealand, September 1-4, 2010.
- 2010 Scientific Review Committee, 1st International Cartographic Association (ICA) Symposium for Australasia and Oceania, Auckland, New Zealand, September 1-4, 2010.
- 2009 Program Committee, 4th International Workshop on 3D Geo-Information (3D GeoInfo 2009), Ghent, Belgium, November 4-5, 2009.
- 2008 International Scientific Committee, 13th International Conference of the Hong Kong Society for Transportation Studies, Hong Kong, December 13-15.
- 2008 Program Committee, 3rd International Workshop on 3D Geo-Information (3D GeoInfo 2008), Seoul, South Korea, November 13-14, 2008.
- 2008 Program Committee, 5th International Conference on Geographic Information Science (GIScience 2008), Park City, Utah, September 23-26, 2008.
- 2008 Technical Committee, 16th International Conference on Geoinformatics and Joint Conference on GIS and Built Environment, Guangzhou, China, June 28-30, 2008.
- 2007 Program Committee, 2nd International Cartography Association (ICA) Workshop on Geospatial Analysis and Modeling – Spatial Structure and Dynamics of Urban Environments, Athens, Georgia, July 12-13, 2007.
- 2007 Technical Committee, 15th International Conference on Geoinformatics, Nanjing, China, May 26-28, 2007.
- 2003-2007 Executive Committee, Spatial Perspectives on Analysis for Curriculum Enhancement (SPACE) Program (\$1,398,607 from the National Science Foundation), University of California, Santa Barbara.
- 2001 Steering Committee, Specialist Meeting on Location-Based Services, Center for Spatially Integrated Social Science (CSISS; sponsored by NSF), University of California, Santa Barbara, December 14-15, 2001.
- 2001 Founder and manager of the Critical GIS listserv and the Critical GIS web site.

PUBLICATIONS

(1) Edited Books or Special Issues

- 2018 Mei-Po Kwan (Ed) *Human Mobility, Spatiotemporal Context, and Environmental Health: Recent Advances in Approaches and Methods*. Special issue of the *International Journal of Environmental Research and Public Health*, ongoing.
- 2018 Mei-Po Kwan, Yanwei Chai, and Jing Ma (Eds) *Comparison and Innovation in Space-Time Behavior Research in China and the United States*. Special issue of *Cities*, ongoing.

- 2018 Marco Helbich, Paulien Hagedoorn, Derek Karssenber, Mei-Po Kwan, Hannah Roberts, and Simon Scheider (Eds) *Geoprocessing in Public and Environmental Health*. Special issue of the *ISPRS International Journal of Geo-Information*, ongoing.
- 2018 Chun, Yongwan, Mei-Po Kwan, and Daniel A. Griffith (Eds) Uncertainty and Context in GIScience and Geography. Special issue of *International Journal of Geographical Information Science*, ongoing.
- 2018 Chen, Bi Yu and Mei-Po Kwan (Eds) Spatiotemporal Big Data Analytics for Transportation Applications. Special issue of *Transportmetrica A: Transport Science*, ongoing.
- 2017 Kwan, Mei-Po and Tim Schwanen (Eds) *Geographies of Mobility: Recent Advances in Theory and Method*. New York: Routledge.
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(4) Book Review

- 2003 *Cities in the Telecommunications Age: The Fracturing of Geographies* (2000) edited by James O. Wheeler, Yuko Aoyama, and Barney Warf. *Annals of the Association of American Geographers*, 93(2):521-523.

(5) Research Reports and Bulletins

- 2017 “Healthy Cities: Unlocking the Power of Cities in Building a Healthy China.” Tsinghua-Lancet Commission on Healthy Cities in China, Tsinghua University, Beijing, China.
- 2007 “Tools and Methods for Estimating Populations at Risk from Natural Disasters and Complex Humanitarian Crises.” National Research Council of the National Academies, Washington, D.C. (Committee on the Effective Use of Data, Methodologies, and Technologies to Estimate Subnational Populations at Risk)
- 2000 “Evaluating Gender Differences in Individual Accessibility: A Study Using Trip Data Collected by the Global Positioning System.” Final Report to the Federal Highway Administration (FHWA), Department of Transportation, Washington, D.C.
- 1998 “A Study of Gender/Ethnic Differences in Activity-Travel Patterns Using Geographical Information Systems.” Final Report to the National Science Foundation for Grant Number SBR-9529780.
- 1997 “Developing an Object-Oriented Testbed for Modeling Transportation Networks.” University of California Transportation Center Technical Report No. 409. (Mei-Po Kwan, Jon Speigle and Reginald G. Golledge)

- 1996 "A Review of Object-Oriented Approaches in Geographical Information Systems for Transportation Modeling." University of California Transportation Center Technical Report No. 412. (Mei-Po Kwan, Jon Speigle and Reginald G. Golledge)
- 1996 "Information Representation for Driver Decision Support Systems." University of California Transportation Center Technical Report No. 333. (Mei-Po Kwan, Reginald G. Golledge and Jon Speigle)
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- 1995 "Integration of GIS with Activity-based Model in ATIS." University of California Transportation Center Technical Report No. 254. (Mei-Po Kwan and Reginald G. Golledge)
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- 1993 "Computational-Process Modelling of Household Activity Scheduling." University of California Transportation Center Technical Report No. 217. (Tommy Garling, Mei-Po Kwan and Reginald G. Golledge)
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(6) Papers in Conference Proceedings

- 2011 "What can be obtained from presentation text?: Qualitative GIS analysis into cultural landscape." Proceedings of Supporting Digital Humanities 2011 Conference, University of Copenhagen, Denmark, November 18. (Ayako Matsumoto, Toshikazu Seto, Takafusa Iizuka, Mei-Po Kwan, and Keiji Yano)
- 2008 "A Hybrid Genetic Algorithm for Measuring Activity-Travel Patterns." Proceedings of GIScience 2008 Conference (Fifth International Conference on Geographic Information Science), Park City, Utah, September 23-26. (Guoxiang Ding and Mei-Po Kwan)
- 2004 "3D-VQGIS: 3D Visualization and Qualitative Analysis of GeoSpatial Data." Proceedings of GIScience 2004 Conference (Third International Conference on Geographic Information Science), College Park, Maryland, October 20-23. (Guoxiang Ding and Mei-Po Kwan)

- 2002 “Privacy Protection and Accuracy of Spatial Information: How Effective are Geographical Masks?” Proceedings of GIScience 2002 (Second International Conference on Geographic Information Science), Boulder, Colorado, September 25-28. (Mei-Po Kwan and Ben C. Schmitz)
- 1999 “Conceptualizing and Measuring Individual Accessibility to Information Resources on the Internet.” Proceedings of the Asilomar Conference on Measuring and Representing Accessibility in the Information Age, NCGIA, Pacific Grove, California, November 19-22. (Mei-Po Kwan)
- 1998 “Exploring Relations Between GIS, Cognitive Maps, and Object-Oriented Data Models.” Proceedings of the 8th World Congress on Transport Research (WCTR), Antwerp, Belgium, July 12-17. (Mei-Po Kwan, Reginald G. Golledge)
- 1996 “Developing an Object-Oriented Data Model for Use in an Advanced Traveler Information System.” Proceedings of the International Conference on the Theoretical Foundations of Travel Choice Modelling, Stockholm, Sweden, August 7-11. (Mei-Po Kwan, Reginald G. Golledge and Jon Speigle)
- 1995 “An Activity-Based Spatial Decision Support System for Advanced Traveler Information Systems.” Proceedings of the International Conference on Activity-Based Approaches: Activity Scheduling and the Analysis of Activity Patterns, Eindhoven, the Netherlands, May 25-28. (Mei-Po Kwan)
- 1994 “On Real-Time Distributed Geographical Database Systems.” Proceedings of the 27th Hawaii International Conference on System Sciences, edited by J.F. Nunamaker, Jr. and R.H. Sprague, Jr., Vol. IV, pp.337-346, IEEE Computer Society Press. (Manhoi Choy, Mei-Po Kwan and Hong Va Leong)
- 1987 “Transnational Capital and Urbanization on the Pacific Rim Countries: An Overview.” Proceedings of the Conference on Transnational Capital and Urbanization on the Pacific Rim, edited by Mike Douglas and John Friedmann, University of California, Los Angeles. (Mei-Po Kwan)

(7) Interview

- 2006 “GIS Methods in Time-Geographic Research.” Korea Research Institute for Human Settlements. Published in *Planning and Policy*, 2006, Issue 7: 86-95.

PRESENTATIONS

(1) Keynote Addresses and Invited Lectures

- 2018 **Keynote Address.** “Geospatial Technologies for Sustainable Cities.” 26th International Conference on Geoinformatics, Kunming, China, June 28-30.
- 2018 **Invited Keynote Presentation.** Inaugural Digital Geographies Keynote Panel, AAG Annual Meeting, New Orleans, April 10-14, 2018.
- 2018 **Keynote Address.** “Smart Mobility.” Summit on the Future of Smart Cities, Hong Kong Polytechnic University, Hong Kong, March 20.
- 2017 **Keynote Address.** “Big Data and Algorithmic Uncertainty in Human Mobility Research.” 1st International Conference on Urban Informatics (ICUI 2017), Hong Kong, November 15.

- 2017 “The Uncertain Geographic Context Problem: Implications for Geographic and Health Research.” School of Geographic Sciences, East China Normal University, November 6.
- 2017 **Keynote Address.** “Human Mobility, Individual Context, and Environmental Exposure: A spatiotemporal perspective.” 13th Conference on Spatial Behavior Research and Planning, Zhejiang University, Hangzhou, China, November 4.
- 2017 “The Uncertain Geographic Context Problem: Implications for Social Science and Geographic Research.” School of Earth Sciences, Zhejiang University, Hangzhou, November 3.
- 2017 **Truth Forum of Science Lecture.** “Algorithmic Geographies, Big Data, and Algorithmic Uncertainty in Human Mobility Research.”, Institute of Geographic Information Science, Zhejiang University, Hangzhou, November 2.
- 2017 “Algorithmic Geographies, Big Data and Algorithmic Uncertainty in Human Mobility Research.” Institute of Land and Urban-Rural Development, Zhejiang University of Finance & Economics, Hangzhou, China, November 2.
- 2017 **Brian Hoyle Annual Lecture in Transport Geography.** “Human Mobility, Individual Context, and Environmental Exposure: A Spatiotemporal Perspective.” 2017 Annual International Conference of the Royal Geographical Society with the Institute of British Geographers (RGS-IBG), London, August 31.
- 2017 “Human Mobility, Individual Context, and Environmental Exposure: A Spatiotemporal Perspective.” Invited Lecture. Research Institute for Sustainable Urban Development (RISUD) Annual International Symposium (RAIS 2017) – New Frontiers in Urban Development, Workshop on Urban Simulation, Hong Kong Polytechnic University, Hong Kong, August 24-25.
- 2017 **Invited Plenary Address.** “Innovative Ways to Examine Human Mobility, Access to Services, and Spatial Mismatch.” 3rd Annual Research Day, The Ohio State University College of Social Work, Columbus, Ohio, August 17.
- 2017 “Human Mobility, Individual Context, and Crime Exposure: A Spatiotemporal Perspective.” Netherlands Institute for the Study of Crime and Law Enforcement (NSCR Amsterdam, the Netherlands, June 22.
- 2017 **LSGI Distinguished Lecture.** “Uncertainty and Context in Research on Human Mobility in Space-Time.” Department of Land Surveying and Geo-Informatics (LSGI), Hong Kong Polytechnic University, Hong Kong, June 8.
- 2017 Invited Lecture. “Understanding Human Mobility and Environmental Exposure using Geospatial Technologies and Methods.” UCGIS Summer School 2017: Collaborative Problem Solving with CyberGIS and Geospatial Data Science (May 15-20), National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign, May 17.
- 2017 “Human Mobility, Individual Context, and Environmental Exposure: A Spatiotemporal Perspective.” Department of Geography and the Environment, University of Texas at Austin, Austin, TX, May 5.
- 2017 “Human Mobility, Individual Context, and Environmental Exposure: A Spatiotemporal Perspective.” Advanced Workshop of Urban Studies and Smart Cities, Department of Geography and Resource Management, and Urban Studies Programme and Institute of Future Cities, Chinese University of Hong Kong, Hong Kong, April 28.

- 2017 **Evelyn L. Pruitt Lecture.** “The Uncertain Geographic Context Problem: Implications for Geographic and Health Research.” Department of Geography and Anthropology, Louisiana State University, Baton Rouge, LA, April 21.
- 2017 **Melinda S. Meade Distinguished Lecture.** “A Spatiotemporal Perspective on Individual Context and Exposure.” Annual Meeting of the American Association of Geographers, Boston, April 7.
- 2017 **Urban Futures Lecture.** “The Uncertain Geography Context Problem.” Faculty of Geosciences, Utrecht University, The Netherlands, March 21.
- 2017 **Erv Zube Lecture.** “The Uncertain Geographic Context Problem: Implications for Population and Health Research.” Co-sponsored by Department of Landscape Architecture and Regional Planning and Institute for Social Science Research, University of Massachusetts at Amherst, Amherst, MA, February 16.
- 2017 “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method Research.” Institute for Social Science Research (ISSR), University of Massachusetts at Amherst, Amherst, MA, February 16.
- 2016 **Keynote Address.** “Algorithmic Geographies, Big Data and Algorithmic Uncertainty in Human Mobility Research.” 12th Conference on Spatial Behavior Research and Planning, Peking University, Beijing, November 25-27.
- 2016 “The Uncertain Geographic Context Problem: Implications for Population and Health Research.” School of Economic, Political and Policy Science, University of Texas at Dallas, Dallas, November 4.
- 2016 “The Uncertain Geographic Context Problem: Implications for Social Science and Geographic Research.” School of Geography and the Environment, University of Oxford, Oxford, UK, October 20.
- 2016 **Keynote Address.** “Time Geography and the Uncertain Geographic Context Problem.” 2nd International Time-Geography Conference, Linköping, Sweden, September 21-23.
- 2016 **Keynote Address.** “Urban Form, Suburbanization, and Car Ownership in Chinese and US Cities: Exploring Sustainable Urban Futures.” Sessions on Space-time Behavior and Planning in Urban China, 33rd International Geographical Congress (IGC) of the International Geographical Union (IGU), Beijing, China, August 21-25, 2016
- 2016 Invited Lecture. International Conference on ICT and Travel Behavior. Nanjing University, July 16-18.
- 2016 **Keynote Address.** “Rethinking Context and Exposure: A Geospatial Perspective.” International Conference on Geographies of Health and Living in Cities: Making Cities Healthy for All, Hong Kong, China, June 21-24.
- 2016 **Keynote Address.** “Crime, Human Mobility, and the Uncertain Geographic Context Problem.” Academy Colloquium, “Spatial Behavior and Crime.” Royal Dutch Academy of Arts and Sciences (Koninklijke Nederlandse Akademie van Wetenschappen), Amsterdam, the Netherlands, May 19-20.

- 2016 “The Uncertain Geographic Context Problem: Implications for Environmental and Health Research.” Department of Environmental Science and Policy, University of California, Davis, California, April 20.
- 2016 “The Uncertain Geographic Context Problem: Implications for Geographic and Health Research.” Department of Geography, Central Michigan University, Mount Pleasant, Michigan, April 12.
- 2016 **Opening Keynote Plenary.** “How Geographers Can Contribute to Urban Health.” 13th International Conference on Urban Health: Place and Health (ICUH 2016), San Francisco, California, April 1-4.
- 2015 **Keynote Address.** “Sino-US Comparative Research on Residents' Space-Time Behavior and Its Theoretical Innovation.” The Eleventh Conference on Spatial Behavior Research and Planning: Spatial-temporal Behavior Theory and Application Frontiers, Sun Yat-sen (Zhong Shan) University, Guangzhou, China, December 10-12.
- 2015 “The Uncertain Geographic Context Problem: Implications for Population and Health Research.” Department of Geography, University of Connecticut, Storrs, November 13.
- 2015 **Keynote Address.** First International Symposium on Spatiotemporal Computing, George Mason University, Fairfax, Virginia, July 13-15.
- 2015 Invited Lecture. “Smart Geospatial Technologies for Healthy Urban Living Research.” Workshop on Innovative Geo-spatial Technologies, Nanchang, China, June 21-22,
- 2015 **Keynote Address.** “Recent Trends in Geospatial Health Research.” 23rd International Conference on Geoinformatics (Geoinformatics 2015), Wuhan, China, June 19-21.
- 2015 Opening Plenary. 23rd International Conference on Geoinformatics (Geoinformatics 2015), Wuhan, China, June 19-21.
- 2015 **Keynote Address.** “Evaluating Context and Uncertainty for Environmental Monitoring.” International Geospatial Health Workshop on “Strengthening the International Geo-eco Global Health Research Collaborations: Challenges and Opportunities.” Wuhan, China, June 17-19.
- 2015 **Keynote Address.** “Urban Form, Suburbanization, and Car Ownership: Exploring Sustainable Urban Futures in China.” Third Conference on China Urban Development, International Conference on Urbanization and Urban Transformation in China, Shanghai, China, June 5-7.
- 2015 “The Uncertain Geographic Context Problem: Implications for Population and Health Research.” Demography Workshop, Population Research Center, National Opinion Research Center (NORC), University of Chicago, Chicago, January 29.
- 2015 **Keynote Address.** “Geoinformatics for Healthy Urban Living.” Second International Conference on Sustainable Urbanization (ICSU 2015), Hong Kong, January 7-9.
- 2015 **Keynote Address.** “Space-time Behavior and Planning: A Comparative Perspective.” The Tenth Conference on Spatial Behavior Research and Planning and Big Data and Space-time Behavior and Planning Workshop, Tonji University, Shanghai, China, January 3-4.
- 2014 **Shi Jian Distinguished Lecture.** “The Uncertain Geographic Context Problem: Implications for Geographic Research.” Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China, October 9.

- 2014 **Keynote Address.** “Mobility and Everyday Encounters: Studying Segregation in the Age of Geospatial and Mobile Technologies.” 12th Annual Conference of the International Association for the History of Transport, Traffic and Mobility (T2M), Drexel University, Philadelphia, September 18-21.
- 2014 **Keynote Address.** “Mobility and Everyday Encounters: Rethinking Segregation in the Age of Mobility.” 2014 Chinese Urban Geography Association Annual Meeting, Xining, China, July 11-14.
- 2014 **Keynote Address.** “Addressing Human Behavior in Air Pollution at Individual and Population Level.” Workshop on “Transportation, Environmental Pollution, and Health Behavior in Beijing.” Peking, China, June 29-July 1.
- 2014 **Keynote Address.** “Spatially and Temporally Integrated Social Sciences.” The Fifth International Conference of Spatially Integrated Humanities and Social Sciences, Peking University, Beijing, China, June 28-30.
- 2014 **Keynote Address.** “Addressing the Uncertain Geographic Context Problem and its Big Data Challenges.” The 22nd International Conference on Geoinformatics (Geoinformatics 2014), Kaohsiung, Taiwan, June 24-27.
- 2014 **Keynote Address.** “Meeting the Big Data Challenges in Environmental Health Research.” A high-level international workshop “Fostering International Geospatial Health Research Collaborations: Challenges and Opportunities.” Hong Kong, June 16-18.
- 2014 **Keynote Address.** “The Uncertain Geographic Context Problem: Implications for Geographic Research.” Annual conference of the European Association of Geographers, Valletta, Malta, May 15-17.
2014. “Beyond Space-Time Co-Location: Using Time Geography in Segregation Studies.” 1st International Time Geography Conference, Linköping University, Sweden, May 14-16.
- 2014 “Geovisualization and Geocomputation of Human Activities in Space-Time: Applications in Geographic Research.” Department of Human Geography, Stockholm University, Stockholm, Sweden, March 30-31 (with support from the Royal Swedish Academy of Letters).
- 2014 **Keynote Address.** “Mobility and Everyday Encounters: Rethinking Segregation in the Age of Mobility.” Conference on “Living in Enclave Cities: Towards Mobility-based Perspectives on Urban Segregation,” Utrecht University, the Netherlands, March 21-22.
- 2014 “The Uncertain Geographic Context Problem: Implications for Geographic Research.” Department of Geography, Northern Illinois University, DeKalb, Illinois, March 7.
- 2014 “Geospatial Frontiers in Health and Health Behaviors Research: Key Pathways Forward.” Opportunity Network for Basic Behavioral and Social Science Research (OppNet) Grantees Symposium, National Institutes of Health, Bethesda, Maryland, March 6.
- 2014 **Dean’s Speaker Series Lecture.** “The Uncertain Geographic Context Problem: Implications for Social Science and Health Research.” School of Natural Resources & Environment, University of Michigan, Ann Arbor, February 11.

- 2014 **Keynote Address.** “Mobility and Health: Addressing the Uncertain Geographic Context Problem in Space-Time Research.” The Ninth Conference on Spatial Behavior Research and Planning, Nanjing University, Nanjing, January 3-5.
- 2013 **Plenary Address.** “Mobility and Health: Addressing the Uncertain Geographic Context Problem in Transportation Research.” 18th International Conference of the Hong Kong Society for Transportation Studies (HKSTS), Hong Kong, December 14-16.
- 2013 “The Uncertain Geographic Context Problem: Implications for Geographic and Health Research.” Inserm (Institut National de la Santé et de la Recherche Médicale; French National Institute of Health and Medical Research) and Faculté de Médecine Saint-Antoine, Université Pierre et Marie Curie-Paris, Paris, France, November 22.
- 2013 **Keynote Address.** “How GIS Can Help Address the Uncertain Geographic Context Problem.” 34th International Conference on Geospatial Information Science (ICGIS), Seoul, South Korea, November 14-15. (sponsored by the Korea Research Institute for Human Settlements (KRIHS) and Korean Society for Geo-Spatial Information System [KSIS])
- 2013 “The Uncertain Geographic Context Problem: Implications for Geographic Research.” Faculty of Architecture, Delft University of Technology (TU Delft), the Netherlands, July 22.
- 2013 **Keynote Address.** “GIS Applications to Address the Uncertain Geographic Context Problem in Health Research.” 15th International Medical Geography Symposium (IMGS 2013), Michigan State University, East Lansing, Michigan, July 7-12.
- 2013 **Keynote Address.** “Advances in GIS for Neighborhood and Health Research.” 13th International Conference on Computers in Urban Planning and Urban Management (CUPUM 2013), Utrecht University, Utrecht, the Netherlands, July 2-5.
- 2013 “The Uncertain Geographic Context Problem: Implications for Geographic Research.” Urban and Regional Research Centre Utrecht, Faculty of Geosciences, Utrecht University, Utrecht, the Netherlands, June 13.
- 2013 “Geovisualization and Geocomputation of Human Activities in Space-Time: Applications in Transportation and Health Research.” Institute for Environment and Sustainability, Joint Research Centre, European Commission, Ispra, Italy, May 15.
- 2013 “Addressing the Uncertain Geographic Context Problem in Geographic Research.” Department of Geography, San Diego State University, San Diego, California, April 19.
- 2013 “GIS Methods for Analyzing GPS Data: Applications in Neighborhood and Health Research.” Division of Global Public Health, School of Medicine, University of California, San Diego, La Jolla, California, April 18.
- 2013 “The Uncertain Geographic Context Problem: Implications for Social Science Research.” Seoul National University, Seoul, South Korea (Republic of Korea), April 2.
- 2013 “The Uncertain Geographic Context Problem: Implications for Social Science Research.” Department of Geography, Nanjing University, Nanjing, China, March 19.
- 2013 ““Mobility, Health and Sustainability in Cities.” Department of Urban and Regional Planning, Nanjing University, Nanjing, China, March 18.

- 2012 **Christmas Lecture** commemorating the 500th anniversary of Gerard Mercator (°1512). “Geovisualization and Geocomputation for the Analysis of Human Activities.” Faculty of Sciences and Geography Research Group, Katholieke Universiteit Leuven, Belgium, December 22.
- 2012 “How GIS can Help Address the Uncertain Geographic Context Problem.” School of Remote Sensing and Information Engineering, Wuhan University, Wuhan, China, November 8.
- 2012 **Harvard Geography Colloquium**. “Advances in Geographic Information Science for Social Science and Health Research.” Center for Geographic Analysis, Institute for Quantitative Social Science, Harvard University, October 22.
- 2012 “The Uncertain Geographic Context Problem: Implications for Health Research.” Division of Global Public Health, Department of Medicine, University of California, San Diego, La Jolla, July 31.
- 2012 “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method Research.” School of Geography, Beijing Normal University, Beijing, June 28.
- 2012 “People-Based and Dynamic Measures of Context: A Space-Time Approach.” School of Geography, Beijing Normal University, Beijing, June 28.
- 2012 **Keynote Address**. “How GIS Can Help Address the Uncertain Geographic Context Problem in Social Science Research?” 20th International Conference on GeoInformatics (GeoInformatics 2012), Hong Kong, China, June 15-17.
- 2012 “GIS and Geographic Context.” Department of Geography, University of Oregon, Eugene, May 17.
- 2012 **Martin Wachs Distinguished Lecture**. “What about Time in Transportation and Health Research?” Luskin School of Public Affairs, University of California, Los Angeles, May 10.
- 2012 **Public Lecture**. “GIS, Geographic Context, and the New Mobilities Paradigm.” University of California, Berkeley, May 1.
- 2012 **Public Lecture**. “GIS and Critical Quantitative Geographies.” University of California, Berkeley, April 23.
- 2012 **Public Lecture**. “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method Research.” University of California, Berkeley, April 16.
- 2012 **Public Lecture**. “Geovisualization for Gender Studies: A Time-Geographic Approach.” University of California, Berkeley, April 9.
- 2012 **Public Lecture**. “Feminist Perspectives on GIS and Geospatial Technologies.” University of California, Berkeley, April 2.
- 2012 **Public Lecture**. “Critical GIS and Hybrid Geographies.” University of California, Berkeley, March 19.
- 2012 “Addressing Complexity in the Urban Design and Planning Process.” Invited lecture in a GIS Symposiums entitled “Future Directions in Geocomputation, Georepresentation and Geovisualization in Urban Studies and Planning.” Department of Urban Studies and Planning, Massachusetts Institute of Technology (MIT), March 9.

- 2012 “Qualitative GIS and Geographic Context.” Invited opening address in the Opening Plenary Session of the Qualitative GIS Symposium at the Annual Meeting of the Association of American Geographers (AAG), New York, February 24-28.
- 2012 **Yi-Fu Tuan Lecture.** “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method Research.” Department of Geography, University of Wisconsin-Madison, February 3.
- 2011 **Keynote Address.** “Space, Time and Behavior: New Conceptualization and Measurements.” South China Division of the Chinese Geographical Society Graduate Students Forum, Guangzhou, China, December 16.
- 2011 **Keynote Address.** “People-Based and Dynamic Measures of Context: A Space-Time Approach.” The Sixth Workshop on Spatial Behavior Research and Planning - Spatio-temporal Behavior: Theory and Practice, School of Geography and Planning, Sun Yat-sen (Zhong Shan) University, Guangzhou, China, December 15.
- 2011 “On Linking Health and Geography.” Department of Geography, University of Wisconsin-Milwaukee, November 17.
- 2011 “Integrating Geographic Information System Technology with Qualitative Research and Critical Social Theory.” As part of the Rutgers’ School of Arts and Sciences series titled “Technologies without borders: technologies across borders.” Rutgers, The State University of New Jersey, University, November 10.
- 2011 “On the Linkage between Health and Geography.” Invited lecture in “Staying Mobile While Cognitively Impaired” Conference (funded by the German Research Foundation), Heidelberg, Germany, October 21.
- 2011 “Geovisualization and Geocomputation for the Analysis of Human Activities in Space-Time: Applications in Transportation and Health Research.” Department of Geography, School of Resources and Environmental Sciences, East China Normal University, Shanghai, China, September 5.
- 2011 “Activity-based Analysis and Modeling for Transportation Planning.” Beijing Transportation Research Center, Beijing, China, September 2.
- 2011 **Distinguished Visiting Fellow Lecture.** “Information and Communication Technologies, Social Networks, and Urban Travel: New Conceptualizations.” Department of Urban and Economic Geography, College of Urban and Environmental Sciences, Peking University, Beijing, China, July 21.
- 2011 **Distinguished Visiting Fellow Lecture.** “Geo-Narrative: Analyzing Qualitative Data with GIS In Mixed-Method Research.” Department of Urban and Economic Geography, College of Urban and Environmental Sciences, Peking University, Beijing, China, July 20.
- 2011 **Distinguished Visiting Fellow Lecture.** “Dynamics of Geographic Context: Implications for Health Research.” Department of Urban and Economic Geography, College of Urban and Environmental Sciences, Peking University, Beijing, China, July 19.
- 2011 **Distinguished Visiting Fellow Lecture.** “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Department of Urban and Economic

- Geography, College of Urban and Environmental Sciences, Peking University, Beijing, China, July 19.
- 2011 **Distinguished Visiting Fellow Lecture.** “Geographical Analysis Revisited: New Conceptualization and Measurements.” Department of Urban and Economic Geography, College of Urban and Environmental Sciences, Peking University, Beijing, China, July 18.
- 2011 “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method Research.” Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente, Enschede, Netherlands, June 22.
- 2011 “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method Research.” Department of Geography, Planning and International Development Studies, University of Amsterdam, Netherlands, June 21.
- 2011 “Feminist Geography and Geospatial Technologies: A New Beginning?” Department de Geografia, Universitat Autònoma de Barcelona, Barcelona, Spain, May 13.
- 2011 “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Department of Geography, University of Illinois, Urbana-Champaign, April 22 (sponsored by the Vice Chancellor for Research, the Department of Geography, and the School of Earth, Society and Environment).
- 2011 **Keynote Address.** AAG Symposium on Space-Time Integration in Geography and GIScience: Opening Plenary. Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, China, January 11.
- 2010 “Social Science in Spatial Science.” Hong Kong Polytechnic University, Hong Kong, December 27.
- 2010 “Geo-Narrative: Analyzing Qualitative Data with GIS In Mixed-Method Research.” Department of Geography, University of British Columbia, Vancouver, Canada, November 5.
- 2010 **J. Douglas Eyre Distinguished Lecture,** “Geographic Context in Health Research: A New Conceptualization.” Department of Geography, University of North Carolina, Chapel Hill, North Carolina, October 1.
- 2010 “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method for Transport and Health Research.” School of Geography and the Environment, University of Oxford, Oxford, UK, August 6.
- 2010 **Keynote Address.** “Geo-Narrative: Extending Geographic Information Systems for Narrative Analysis in Qualitative Research.” International conference on “Qualitative GIS: Emerging Issues and Possible Futures.” Cardiff University, Cardiff, UK, August 2-4.
- 2010 “GIS-based Analysis for Communication Studies.” School of Communication, Ohio State University, May 28.

- 2010 **Harold and Florence Mayer Lecture.** “Analysis of Human Behavior in Space-Time using GIS.” Department of Geography, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin, April 30.
- 2009 “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Faculty of Construction and Land Use, Hong Kong Polytechnic University, Hong Kong, December 13.
- 2009 “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Department of Geography, Chinese University of Hong Kong, Hong Kong, December 3.
- 2009 “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Department of Geography, Baptist University of Hong Kong, Hong Kong, November 26.
- 2009 **Distinguished Transport Lecture.** “What about Time in Transportation Research.” Institute of Transport Studies, University of Hong Kong, Hong Kong, November 11.
- 2009 “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Department of Geography, Beijing Normal University, Beijing, China, November 4.
- 2009 “Geovisualization and Geocomputation for the Analysis of Human Activities: A Time-Geographic Perspective.” Department of Urban and Economic Geography, College of Urban and Environmental Sciences, Peking University, Beijing, China, November 2.
- 2009 **Keynote Address.** “Space, Time and Behavior: New Conceptualization and Measurements.” The Dynamics of Space-Time Use: Measurement, Patterns, and Consequences Conference, Ohio State University, Columbus, Ohio, October 2-3, 2009.
- 2009 **Initiative in Population Research Geographical Analysis Core Inaugural Lecture.** “Geographical Analysis Revisited: Implications for Population and Health Research.” Ohio State University, Columbus, Ohio, September , 2009.
- 2009 **Keynote Address.** “Geocomputation and Geovisualization for Health Research.” Canadian Institutes of Health Research Summer Institute, Hamilton, Ontario, Canada, July 9-12 (sponsored by the Institute of Population and Public Health [IPPH] and the Institute of Health Services and Policy Research [IHSPR] of CIHR, with support from the Canadian Population Health Initiative [CPHI] and the Public Health Agency of Canada [PHAC]).
- 2009 **Keynote Address.** “Geo-Narrative and 3D GIS-Based Time-Geographic Methods.” Invited lecture as part of a seminar entitled “Accessibility and Social Inequalities: Perspectives from Two Time-Geographers.” Université de Bourgogne, Dijon, France, May 25.
- 2009 **Belle van Zuylen Chair Inaugural Lecture.** “Geo-Narrative: Analyzing Qualitative Data with GIS in Mixed-Method Research.” Utrecht University, the Netherlands, May 13.
- 2009 “Analysis of Life Paths and Time-Space Behavior in the Urban Context: Geovisualization and Geocomputational Approaches.” National Centre for Geocomputation, National University of Ireland, Maynooth, May 7.
- 2009 “Geographic Context in Studying Behavior: New Conceptualization and Measurements.” Faculty of Geosciences, Utrecht University, the Netherlands, April 23.

- 2009 “Geovisualization and Geocomputation for the Analysis of Human Activities in Space-Time.” Department of Geography, University of Zürich, Zürich, Switzerland, April 21.
- 2009 **Keynote Address.** “Spatial visualization/geovisualization.” Invited lecture presented at the “3G’s (GEI, GPS, and GIS) Workshop,” Exercise and Physical Activity Resource Center (EPARC) and Center for Wireless and Population Health Systems (CWPHS), University of California, San Diego (UCSD), La Jolla, California, February 20-22 (supported by the NIH Gene and Environment Initiative [GEI]).
- 2008 “Reconceptualizing Sociogeographic Context in Health Research.” Department of Family and Preventive Medicine, School of Medicine, University of California, San Diego, November 20-21 (co-sponsored by the Division of International Health and the UCSD Biomedical Library).
- 2008 “Geovisualization and Geocomputation for the Analysis of Human Activities in Space-Time.” Division of Psychology, Feinberg School of Medicine, Northwestern University, Chicago, Illinois, November 3.
- 2008 **Presidential Session Lecture.** “Geo-Narrative: Analyzing and Interpreting Oral Histories with 3D GIS.” Lecture delivered in the Presidential Session entitled “Time Geography: The Work of Mei-Po Kwan,” 33rd Annual Meeting of the Social Science History Association (SSHA), Miami, Florida, October 23-26.
- 2008 **Keynote Address.** “Understanding the Rhythms of Everyday Life in Space-time through Geonarrative and Geovisualization.” Timespace and Lifecourse ESRC Seminar Series: Tracking the Rhythms of Everyday Life, London, UK, August 26 (sponsored by the U.K. Economic and Social Research Council).
- 2008 **Keynote Address.** “Geo-Narrative: Extending Geographic Information Systems for Narrative Analysis in Qualitative Research.” Technology in Qualitative Research Workshop, Fourth International Congress of Qualitative Inquiry: Ethics, Evidence and Social Justice, Urbana-Champaign, Illinois, May 14-17, 2008.
- 2008 **Public Lecture.** “Information and Communication Technologies, Social Networks, and Urban Travel: New conceptualizations.” St. Cloud State University, St. Cloud, Minnesota, May 2.
- 2008 **Louis E. Leibold Distinguished Geography Lecture.** “Geovisualization and Geocomputation for the Analysis of Human Activities in Space-Time.” Department of Geography, St. Cloud State University, St. Cloud, Minnesota, May 1.
- 2008 “Geovisualization and Geocomputation for the Analysis of Human Activities in Space-Time.” Department of Geography, Ryerson University, Toronto, Canada. March 3-4.
- 2008 **Elizabeth Chan Cheng E-lay Geography Academic Lecture.** “Information and Communication Technologies, Social Networks, and Urban Travel: New conceptualizations.” Department of Geography, Hong Kong Baptist University, Kowloon Tong, Hong Kong, February 21.
- 2008 **Mel Webber Lecture.** “Mobile Communications, Social Networks, and Urban Travel: New Topologies of Spatial Interaction.” University of California Transportation Center, Santa Barbara, California, February 1.
- 2008 “Geovisualization and Geocomputation for the Analysis of Human Activities in Space-Time.” Department of Geography and Regional Studies, University of Miami, Coral Gables, Florida, January 25.

- 2007 **Keynote Address.** “GIS and Spatial Social Science.” Department of Geosciences, University of Massachusetts – Amherst, Massachusetts (Five College GIS Day - Amherst College, Hampshire College, Mount Holyoke College, Smith College, and the University of Massachusetts Amherst), November 2.
- 2007 “Analysis of Human Activities in Space and Time.” Department of Geography, Northern Illinois University, DeKalb, Illinois, September 14.
- 2007 “Visual Analysis of Human Activities.” Advances in Spatial Information Science Research Symposium, Spatial Information Science Research Interest Group, University of Pittsburg, Pittsburg, Pennsylvania, May 24-25.
- 2007 “Analysis of Individual Accessibility in Space-Time: Gender Differences and Geographical Context.” John Glenn School of Public Affairs, Ohio State University, Columbus, Ohio, May 4.
- 2007 “Individuals Accessibility in Space-Time: Geocomputation and Geovisualization Approaches.” Social Science In Place (SSIP) Research Group and Department of Political Science, University of California, Berkeley, California, February 20.
- 2007 “Individual Accessibility in Space-Time: Geocomputation and Geovisualization Approaches.” National Cancer Institute, National Institutes of Health, Washington, D.C., January 24.
- 2007 **Plenary Lecture.** “Geovisualization and Geocomputation for the Analysis of Human Activities in Space-Time.” Huitièmes Rencontres de Théo Quant, Besançon, France, January 10-12.
- 2006 **Plenary Lecture.** “Conceptualizing Socially Sustainable Urban Transport.” 11th International Conference of Hong Kong Society for Transportation, Hong Kong, December 9-11.
- 2006 **Keynote Address.** “GIS and Spatial Social Science.” Annual Meeting of the East Lakes Division of the Association of American Geographers (ELDAAG), Toledo, Ohio, October 20-21.
- 2006 **Keynote Address.** “Visual Analysis of Human Activities.” UCGIS Workshop on Computation and Visualization for the understanding of Dynamics in Geographic Domains, Washington, D.C., October 16-18.
- 2006 “ICT, Space-Time Constraints, and Sustainability.” Department of Urban Engineering, School of Engineering, University of Tokyo, Tokyo, Japan, August 22.
- 2006 **Keynote Address.** “Analysis of Life Paths and Time-Space Behaviour in the Urban Context: Geovisualization and Geocomputational Approaches.” International Conference on “Urban Conditions and Life Chances”, University of Amsterdam, Amsterdam, the Netherlands, July 6-8.
- 2006 “Doing qualitative research using GIS: An oxymoronic endeavor?” Amsterdam Institute for Metropolitan and International Developing Studies, University of Amsterdam, Amsterdam, the Netherlands, July 4.
- 2006 “Geocomputation for the Analysis of Access in Space and Time.” Center for Health Care Research and Policy, Case Western Reserve University and MetroHealth Medical Center, Cleveland, Ohio, May 12.

- 2006 **Fleming Lecture in Transportation Geography**. “Mobile Communications and Transportation Geography”. Invited lecture at the 102th Annual Meeting of the Association of American Geographers, Chicago, March 7-11.
- 2006 “Geographies of Spatial Mobility and Access: A GIS Approach.” Department of Teaching and Learning, Peabody College, Vanderbilt University, Nashville, TN. Virtual lecture delivered through the Digital Union at OSU, February 27.
- 2006 “Politics and Practice of Geospatial Technologies.” Department of Geography, Queen’s University, Kingston, Ontario, Canada, February 17.
- 2006 “3D Geovisualization and Geocomputation for the Analysis of Human Activities in Space-time.” Indiana Children's Health Services Research, School of Medicine, and Department of Geography, Indiana University - Purdue University, Indianapolis, February 3.
- 2006 “Individual Accessibility in Space-Time, Gender and Geographical Context.” Program in Transportation, University of Toronto, Mississauga, Toronto, Canada, January 13.
- 2005 “Accessibility in Space-Time: A 3D GIS Approach.” Department of Society, Human Development and Health, Harvard School of Public Health, Harvard University, Boston, MA, December 5.
- 2005 “3D Geovisualization and Geocomputation for the Analysis of Human Activities in Space-time.” Symposium on “Sustaining the Future and Understanding the Past: GIS Technology.” Center for Statistics and Geospatial Data, Case Western Reserve University, Cleveland, Ohio, October 14.
- 2005 “New Information Technologies, Global Change, and Their Impacts on Human Behavior and Urban Economy.” Department of City and Regional Planning, Cornell University, NY, March 5.
- 2005 “Geospatial Technologies and Feminist Geography.” Department of Geography, Syracuse University, NY, March 4.
- 2005 “GIS and Spatial Equity.” Syracuse Hunger Project, Syracuse University, New York, March 4.
- 2005 “3D Geovisualization and Geocomputation for the Analysis of Human Activities in Space-time.” Department of Geography, San Diego State University, CA, March 1.
- 2005 “Accessibility in Space-Time: A 3D GIS Approach.” Department of Geography, Arizona State University, Arizona, February 21.
- 2005 “Feminist Geography and Geospatial Technologies.” Department of Geography and Regional Development, University of Arizona, Arizona, February 18.
- 2004 “Accessibility in Space-Time: A 3D GIS Approach.” Center for Advanced Spatial Analysis (CASA), University College London, UK, November 25.
- 2004 **Rockefeller Lecture**. “Feminist Geography and Geospatial Technologies: A New Beginning?” Department of Geography, Dartmouth College, Hanover, New Hampshire, November 10.
- 2004 **Feminism and Social Theory in Geography Lecture**. “Feminist Geography and Geospatial Technologies: A New Beginning?” Department of Geography, University of Minnesota, Minneapolis, October 15.

- 2004 **IGERT Distinguished Lecture.** “Internet Use, Space-Time Constraint and Human Activity Patterns.” Institute of Transportation Studies and Department of Civil and Environmental Engineering, University of California, Davis, California, May 21.
- 2004 “The Urban Geography of Hate and Fear After 9/11: A Study on the Impact of 9/11 on the Muslim Population in Columbus, Ohio.” Center for Urban and Regional Analysis (CURA), Ohio State University, Columbus, Ohio, May 7.
- 2004 “3D Geovisualization and Geocomputation for the Analysis of Human Activities in Space-time.” Department of Geography, University of Southern California, Los Angeles, California, April 9.
- 2004 “Beyond Difference: From Canonical Geography to Hybrid Geographies.” **Centennial Plenary Session** on “Geography in the Twenty-First Century: Where Do We Go From Here?”, 100th Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004.
- 2004 “Individual Accessibility in Space-Time: Gender and Geographical Context.” School of Policy, Planning and Development, University of Southern California, Los Angeles, California, February 27.
- 2004 **Geographic Information Systems and Technologies Lecture.** “3D Geovisualization and Geocomputation for the Analysis of Human Activities in Space-time.” Department of Geography, University of California, Los Angeles (UCLA), California, February 23.
- 2004 “Is GIS for Women: A Critical Reflection.” Department of Geography, University of Georgia, Athens, Georgia, January 30.
- 2004 “Gender Division of Household Labor and Activity-Travel Patterns: A GIS Approach.” Institute of Behavioral Research, University of Georgia, Athens, Georgia, January 30.
- 2003 “Feminist Visualizations: Re-envisioning GIS as a Method in Feminist Geographic Research.” Department of Geography, West Virginia University, Morgantown, West Virginia, December 5.
- 2003 “Gender Division of Household Labor and Activity-Travel Patterns: A GIS Approach”. Population Studies and Training Center, Brown University, Providence, Rhode Island, November 20.
- 2003 **Inaugural James and Catherine Ralston Lecture.** (Public Lecture) “New Information Technologies: Human Behavior in Space-Time and the Urban Economy.” Department of Geography, University of Tennessee, Knoxville, Tennessee, November 13.
- 2003 “Feminist Visualizations: Re-envisioning GIS as a Method in Feminist Geographic Research.” Department of Geography, University of Strathclyde, Glasgow, Scotland, the United Kingdom, November 3.
- 2003 “A GIS-based Approach to the Study of Space-time Accessibility.” Urban and Regional Research Centre Utrecht and Faculty of Geographical Sciences, Utrecht University, Utrecht, the Netherlands, October 28.
- 2003 “Is GIS for Women: A Critical Reflection.” Department of Geography, Miami University, Oxford, Ohio, September 26.

- 2003 “New Information Technologies, Human Behavior in Space-Time and Urban Travel.” Centre for Transport Research and Innovation for People, Trinity College, University of Dublin, Ireland, May 13.
- 2003 “Is GIS for Women: A Critical Reflection.” National Institute for Regional and Spatial Analysis (NIRSA) and Department of Geography, National University of Ireland, Maynooth, Ireland, May 12.
- 2003 “Is GIS for Women? A Critical Reflection.” Department of Geography, University of Illinois, Urbana-Champaign, February 21.
- 2003 “Gender and Accessibility in Space-Time: A GIS Approach.” Center for Studies in Demography and Ecology, University of Washington, Seattle, January 31.
- 2003 “Feminist Visualizations: Re-envisioning GIS as a Method in Feminist Geographic Research.” Department of Geography, University of Washington, Seattle, January 30.
- 2002 “Is GIS for Women: A Critical Reflection.” Department of Geography, Rutgers University, New Brunswick, October 25.
- 2002 “A GIS-based Approach to the Study of Space-time Accessibility.” Department of Geography, State University of New York at Buffalo, April 22. [7]
- 2002 “Collection and Analysis of GPS Data for Understanding Human Activity Patterns.” Interdisciplinary Research Group on Mobility (GRIMES), Université Laval, Sainte-Foy, Québec, Canada, February 25. [6]
- 2001 “A Study of Gender and Accessibility in Space-Time Using GIS.” Austin E. Knowlton School of Architecture, Ohio State University, Columbus, October 19. [5]
- 2001 “Gender and Accessibility in Space-Time: A Time-Geographic Perspective.” Department of Geography, University of Kentucky, Lexington, March 23. [4]
- 2000 “Other GISs in Other Worlds: Can GIS be a Method for Critical Geographic Research?” Department of Geography, Ohio State University, Columbus, May 25. [3]
- 1996 “GIS and Re-mapping Geography.” Geography Club, Department of Geography, Ohio State University, Columbus, May 9. [2]
- 1994 “Modeling Travel Behavior Using GIS.” Department of Geography, Kent State University, Akron, December 9. [1]

(2) Invited presentations in specialist workshops or professional meetings

- 2017 Invited panelist. Supporting Women in GIS Panel Session, 25th International Conference on Geoinformatics (Geoinformatics 2017), Buffalo, New York, August 2-4, 2017.
- 2016 Invited presentation. “A Spatio-Temporal Perspective for Defining Personal and Contextual Environments for Cancer Risk Factors.” Conference on Geospatial Approaches to Cancer Control and Population Sciences, National Institutes of Health, Bethesda, MD, September 12-14. (Mei-Po Kwan, Glen D. Johnson, Neil Iyengar, and Terry Huang)

- 2016 Invited presentation. “Effects of ICT on Activity Space: Do Space-time Constraints Matter?” International Workshop on “ICT, Activities, Time Use and Travel.” Nanjing University, Nanjing, July 15-18. (Mei-Po Kwan, Na Ta, Shen Yue, and Yanwei Chai)
- 2016 Invited presentation. “Algorithmic Geographies, Big Data and Algorithmic Uncertainty in Human Mobility Research.” “Spatiotemporal Symposium: Achievements, Gaps, and Future of Spatiotemporal Studies.” AAG Annual Meeting, San Francisco, March 29-April 2.
- 2015 Invited panelist. Women in GIS Panel Session. 23rd International Conference on Geoinformatics (Geoinformatics 2015), Wuhan, China, June 19-21.
- 2015 “Tracking People’s Locations in Dense Urban Areas: An Experiment in Hong Kong,” Invited presentation at the High-Level Forum on Strengthening the Geo-Eco Global Health Research Collaboration, Wuhan, June 17-18. (Xiaoli Ding, Wenkun Yu, Esmond Mok, Lilian Pun, Geoffrey Y.K. Shea, Wing Chi Chan, M Chow, Helen K.W. Law, Mei-Po Kwan, Ran Zhang, Yunqi Zhou, Cathy X. Jin, Teresa X.T. Yang)
- 2015 Invited speaker. “Opening Plenary: Symposium on International Geospatial Health Research: Creating Synergies.” AAG Annual Meeting, Chicago, April 21-25, 2015.
- 2014 “GIS Methods for Analyzing the Dynamics of Urban Energy Systems.” Invited presentation at the workshop “TIPUM: Toward an Interdisciplinary Perspective on Urban Metabolism.” Leiden, the Netherlands, November 3-7. (Marianne Zeyringer and Mei-Po Kwan)
- 2014 “International Geospatial Health Research Initiative.” Eye on Earth: FALCON Workshop, Disaster Management Special Initiative, Washington, D.C., October 24-25.
2014. “Cities and Urban Structure in the U.S.” Invited presentation at the Delingha City Government Office, Delingha, Qinghai Province, China, July 14.
2014. “Big Data Analysis and Health.” Invited presentation at the “Workshop on Issues of Urban Design in the Era of Ubiquitous Information.” The Chinese University of Hong Kong, Hong Kong, July 3-5.
- 2014 Invited panelist. “Supporting Women in Geography Across the Sub-disciplines, 2nd Annual Panel.” AAG Annual Meeting, Tampa, Florida, April 8-12.
- 2013 Invited panelist. “Closing Panel of the 8th International Symposium on Spatial Data Quality.” May 30-June 1, Hong Kong.
- 2013 Invited presentation. “LIVE Singapore! Crowd-Sensing Urban Air Quality in Singapore.”
- 2013 Invited plenary speaker. “Opening Plenary on Geography, GIScience, and Health: Spatial Frontiers of Health Research and Practice.” AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2013 Invited plenary speaker. “Synthesis, Trends, and Directions for Geography, GIScience, and Health: Spatial Frontiers of Health Research and Practice.” AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2013 Invited panelist in an organized session on “Addressing Challenges for Geospatial Data-Intensive Research Communities: Research on Unique Confidentiality Risks & Geospatial Data Sharing Issues.” AAG Annual Meeting, Los Angeles, California, April 9–13.

- 2013 Invited panelist in an organized session on “Spatiotemporal Thinking, Computing and Applications 4: Thinking Panel.” AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2013 Invited panelist in an organized session on “Author Meets Critics: Sampson's ‘Great American City: Chicago and the Enduring Neighborhood Effect.’” AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2013 Invited panelist in an organized session on “The Good, the Bad, and the Ugly of Manuscript Reviewing.” AAG Annual Meeting, Los Angeles, California, April 9–13.
- 2012 “Human Space-time Behavior as the Basis of Dynamic Conceptualizations of Geographic Context.” Invited presentation at the International Symposium of Space-time Behavior and Smart Travel and the 7th Workshop on Spatial Behavior Research and Planning Program, Peking University, Beijing, December 8-9.
- 2012 “Addressing the Uncertain Geographic Context Problem in Health Research with Geospatial Technologies and Methods.” Invited presentation at a workshop entitled “Health-IT,” Faculty of Health and Social Sciences, Hong Kong Polytechnic University, Hong Kong, September 28.
- 2012 “The Uncertain Geographic Context Problem: Implications for the Spatiotemporal Modeling of Infectious Diseases.” Invited presentation at an NSF-funded workshop on Challenges in Modeling the Spatial and Temporal Dimensions of the Ecology of Infectious Diseases. Ohio State University, Columbus, Ohio, September 18.
- 2012 “BigData Challenges for the Analysis of Human Space-Time Behavior.” Invited presentation at CyberGIS’12: The First International Conference of Space, Time, and CyberGIS. University of Illinois at Urbana-Champaign, Illinois, August 6-9.
- 2012 “The uncertain geographic context problem.” Invited presentation at the NIH-sponsored “Geospatial Frontiers in Health and Social Environments” Symposium on Enabling a National Geospatial Cyberinfrastructure for Health Research, San Diego, California, July 27-28.
- 2012 Invited panelist in an organized panel on “Spatiotemporal Thinking, Computing, and Applications.” 20th International Conference on GeoInformatics (GeoInformatics 2012), Hong Kong, China, June 15-17.
- 2012 Invited panelist in an organized panel on “Supporting Women in GIS.” 20th International Conference on GeoInformatics (GeoInformatics 2012), Hong Kong, China, June 15-17.
- 2012 “The problem of uncertainty in geographic context: Implications for health research.” Invited presentation at the NIH-sponsored “Geospatial Frontiers in Health and Social Environments” Symposium on Spatiotemporal Analysis for Health Research, Washington, D.C., April 27-28.
- 2012 “GIS methods and applications in environmental and health studies.” Invited presentation in the inaugural “Careers in GIS” workshop, College of Natural Resources and College of Environmental Design, University of California, Berkeley, April 19.
- 2012 Invited panelist in an organized sessions entitled “Closing Roundtable: Future Directions” of the Qualitative GIS Symposium at the Annual Meeting of the Association of American Geographers (AAG), New York, February 24-28.

- 2012 Invited panelist in an organized session entitled “Reflections on Geographic Information Science: Panel Session in Honor of Michael Goodchild.” Annual Meeting of the Association of American Geographers (AAG), New York, February 24-28.
- 2012 Invited panelist in an organized session on “Meet the Editors of the Annals and the Professional Geographer.” Annual Meeting of the Association of American Geographers (AAG), New York, February 24-28.
- 2012 Invited presentation at the “Opportunities in Data Visualization and Visual Analytics for Behavioral and Social Sciences Research” meeting, Office of Behavioral and Social Sciences Research (OBSSR), National Institutes of Health (NIH), January 30, 2012.
- 2011 Invited panelist in an organized session entitled “Incorporating, analyzing, and interpreting activity space for youth and families: Advances, challenges, and future opportunities.” Society for Prevention Research 19th Annual Meeting, Washington, D.C., May 31-June 3.
- 2011 Invited panelist. AAG Symposium on Space-Time Integration in Geography and GIScience: Trends and Directions. Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Invited panelist in an organized session on “Meet the Editors of the Annals and the Professional Geographer.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 Invited panelist in an organized session on “How to be an Editor for the Association of American Geographers.” Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16.
- 2011 “Challenges in applying geospatial technologies and analytical tools in health research.” Invited presentation at the “NIH-Wide Geospatial Infrastructure Workshop,” Rockville, Maryland, February 22-23.
- 2011 “Research challenges in place-based initiatives.” Invited presentation in the “Place-Based NSF/NIH Research Initiative Panel” at the UCGIS Place-Based Geospatial Summit, UCGIS Winter Meeting, Washington, D.C., February 3.
- 2010 “GIS-T research challenges.” Invited presentation at an AAG-sponsored workshop on “Enhancing Latin American GIS&T Capacity for Innovation and Economic Development,” Panama City, Panama, December 1-2.
- 2010 Invited presented in a seminar entitled “Exploring Possibilities to Integrate Quantitative and Qualitative Aspects of Space-Time GIS,” Department of Geography, Ritsumeikan University, Kyoto, Japan, August 23.
- 2010 “Using GIS in research on neighborhood effects, sociogeographic context, and environmental exposure.” IPR GIS Workshop, Initiative in Population Research, Ohio State University, Columbus, Ohio, June 10.
- 2010 “Linking immigrant community exposure to adolescent substance use and sexual behavior: Moving beyond neighborhood of residence.” Invited presentation in an organized session entitled “Place & Substance Use: Linking Environments to Health.” Annual Meeting of the Association of American Geographers (AAG), Washington, D.C., April 14-18. (Christopher Browning, Lauren J. Krivo, Aubrey Jackson, Heather Washington, Ruth Peterson, and Mei-Po Kwan)

- 2010 Invited panelist in an organized session on “Meet the Editors of the Annals of the AAG.” Annual Meeting of the Association of American Geographers (AAG), Washington, D.C., April 14-18.
- 2010 Invited panelist in an organized tribute session on “A Celebration of Reg Golledge's Life and Work.” Annual Meeting of the Association of American Geographers (AAG), Washington, D.C., April 14-18.
- 2010 “A geospatial framework for analyzing the interaction of childhood obesity and air pollution on cardiovascular health.” GeoHealth Working Group Session, Ohio State University, March 9. (Tim Buckley and Mei-Po Kwan)
- 2010 “Geocomputation and 3D geovisualization as methods in population and health research.” GIS Methodology Seminar, Initiative in Population Research, Ohio State University, January 19.
- 2009 “Whom to hang out with and why: the influence of social ties on leisure and social activity participation and travel of various ethnic groups in the Netherlands.” Invited presentation at the Workshop on Social Networks and Travel (sponsored by NSF), Niagara on the Lake, August 25-27, 2009. (Dick Ettema and Mei-Po Kwan)
- 2009 Invited panelist in an organized session on “Meet the Editors of the Annals and the Professional Geographer.” Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27.
- 2009 Invited panelist in a session on “GPS, IRB and Ethics” at the “3G’s (GEI, GPS, and GIS) Workshop,” Exercise and Physical Activity Resource Center (EPARC) and Center for Wireless and Population Health Systems (CWPHS), University of California, San Diego (UCSD), La Jolla, California, February 20-22 (supported by the NIH Gene and Environment Initiative [GEI]).
- 2008 Invited presentation in the Health Geomatics Workshop 2008 (sponsored by GeoConnection Canada), Victoria, British Columbia, Canada, September 22-23.
- 2008 Invited panelist, Expert Panel on Geospatial Research, Surveillance and Capacity Building In Support of CDC’s Healthy Communities Goal (sponsored by Centers for Disease Control and Prevention, and Agency for Toxic Substances and Disease Registry), Atlanta, Georgia, May 6-7.
- 2008 Invited panelist in an organized session on “Straddling the Fence II: Theory, Practice, and History in Critical GIS” at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19.
- 2008 Invited panelist in an organized session on “Geography of drug addiction: Emerging methodologies” at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19.
- 2008 Invited panelist in an organized session on “Publishing in the Annals and the PG” at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19.
- 2008 Invited panelist in an organized session on “Our AAG journals: Results of the Spring 2008 survey” at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19.

- 2008 “An examination of the timing and duration of daily Internet activities using hazard-based duration models.” Invited presentation at the Third International Specialist Meeting on ICT, Everyday Life and Urban Change, Bristol, U.K., March 16-19. (Fang Ren, Mei-Po Kwan, and Tim Schwanen)
- 2008 Invited panelist in the Responsible Conduct of Research Workshop (sponsored by the Graduate School and the Office of Research), Ohio State University, Columbus, Ohio, January 23.
- 2007 Invited panelist in an organized session on “GIScience and Disaster Management: Research prospects and challenges” at the Annual Meeting of the Association of American Geographers (AAG), San Francisco, April 17-21.
- 2007 Invited panelist in an organized session on “Publishing in the Annals and the PG” at the Annual Meeting of the Association of American Geographers (AAG), San Francisco, April 17-21.
- 2007 Invited panelist in an organized session on “People of Color Negotiate the Academy (Part II): women of color geographers and the crisis of underrepresentation” at the Annual Meeting of the Association of American Geographers (AAG), San Francisco, April 17-21.
- 2006 “Does access to shopping opportunities affect E-shopping? A study in Columbus (Ohio, U.S.A.)” Invited presentation at the Second International Specialist Meeting on ICT, Everyday Life and Urban Change entitled “ICT: Mobilizing Persons, Places and Spaces,” Bergen, the Netherlands, November 9-12. (Fang Ren and Mei-Po Kwan)
- 2006 Invited panelist in an organized session on “Development and Prospects of GIScience” at the Annual Meeting of Southwest Division of the Association of American Geographers (SWDAAG), Norman, Oklahoma, October 26-28.
- 2006 “Visual analytics and geo-attribute spaces.” UCGIS Workshop on Computation and Visualization for the understanding of Dynamics in Geographic Domains, Washington, D.C., October 16-18. (Ola Ahlqvist and Mei-Po Kwan)
- 2006 Invited panelist in an organized session on “SPLINT SPACE NITLE and ARCNRSISS: A Panel on Integrating Spatial Analysis in University Teaching and Research” at the Annual Meeting of the Association of American Geographers (AAG), Chicago, March 7-11.
- 2006 Invited panelist in an organized session on “Transport Geography: Assessing the Current State of the Subdiscipline” at the Annual Meeting of the Association of American Geographers (AAG), Chicago, March 7-11.
- 2006 Invited panelist in an organized session on “The Papyrus Calls: A Panel on Academic Publishing” at the Annual Meeting of the Association of American Geographers (AAG), Chicago, March 7-11.
- 2006 “Internet Use, Space-Time Constraint and Accessibility in the Information Age.” Invited presentation in an organized panel session on “Cybermobility and the Evolution of Personal Travel” at the 85th Annual Meeting of the Transportation Research Board, Washington, D.C., January 22-26.
- 2005 “Time-Geographic Methods For Analyzing GPS Data.” Invited presentation in a specialist meeting on “GPS Tracking and Time-Geography Applications for Activity Modeling and Microsimulation.” (sponsored by the U.S. Federal Highway Administration), Santa Barbara, California, October 10-11.

- 2005 “Politics and Practice in GIS After Ground Truth.” Invited presentation in an organized session on “Spaces of Technology/Technological Spaces” at the 2005 Royal Geographical Society and Institute of British Geographers (RGS-IBG) Conference, London, August 31- September 2.
- 2005 “Hybridity as Research Practice in Geography.” Invited presentation in an organized session on “Modelling Geography: Histories, Prospects, and Practices” at the 2005 Royal Geographical Society and Institute of British Geographers (RGS-IBG) Conference, London, August 31- September 2.
- 2005 Invited participant, Colloquy on the Coming Transformation of Travel (convened and sponsored by the U.S. Department of Transportation, the Federal Highway Administration Office of Planning and New York State Metropolitan Planning Organizations), Rensselaerville, NY, June 1-3.
- 2005 “Politics and Practice in GIS After Ground Truth.” Invited presentation in a plenary session titled “Ground Truth and Critical GIS: A research Agenda for the Future II” at the Annual Meeting of the Association of American Geographers (AAG), Denver, April 5-9.
- 2005 “Feminist Geography and Geospatial Technologies: A New Beginning?” Invited presentation in a panel session titled “Feminism and Social Theory in Geography I at the Annual Meeting of the Association of American Geographers (AAG), Denver, April 5-9.
- 2004 “The Impact of E-Shopping on Activity-Travel Patterns.” Invited presentation at the international conference “ICT: Mobilizing Persons, Places and Spaces - An International Specialist Meeting On ICT, Everyday Life and Urban Change.” Doorn, the Netherlands, November 4-7, 2004. (Fang Ren and Mei-Po Kwan)
- 2004 “Emergency Response after 9/11: The Potential of Real-time 3D GIS for Quick Emergency Response in Micro-spatial Environments.” Invited presentation at the 9th International Seminar in GIS, Korea Research Institute for Human Settlements (KRIHS), Seoul, South Korea (Republic of Korea), September 8–9.
- 2004 “Construction of Place Vs. Construction of Knowledge: The Hazards of Using GIS for Qualitative Research.” Invited presentation at the conference “History and Geography: Assessing the Role of Geographical Information in Historical Scholarship” (sponsored by the National Endowment for the Humanities), Chicago, March 25-27. (Mei-Po Kwan and Stuart Aitken)
- 2003 “Emergency Response and Population at Risk.” Invited presentation at the Homeland Security Workshop (funded by the University Consortium of Geographic Information Science (UCGIS); organized by the University of Georgia), University of Georgia, Athens, Georgia, November 6-7.
- 2003 “Individual Accessibility in Space-time: Gender and Geographical Context.” Invited presentation at an International Transportation Seminar “Methodological Advances in Accessibility Analysis.” The Netherlands Graduate School of Housing and Urban Research (NETHUR) and **Urban and Regional Research Centre Utrecht** and Faculty of Geographical Sciences, Utrecht University, Utrecht, the Netherlands, October 30.
- 2003 “Internet Use, Space-Time Constraints and Human Activity Patterns: A Time-Geographic Perspective.” Invited presentation in a specialist workshop “The Domestic Impact of Information and Communication Technology” (**sponsored by NSF**), Estes Park, Colorado, June 5-9.
- 2003 Invited participant in the second Specialist Workshop of STELLA (Sustainable Transport in Europe and Links and Liaisons with America), Focus Group 2 (ICT, Innovation and the Transport

- System), Newcastle-upon-Tyne, UK, May 8-10 (**sponsored by NSF and European Science Fund**).
- 2003 Invited panelist in a panel session, “GIS and Society: Past, Present and Future.” Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8, 2003.
- 2003 Invited participant in a specialist workshop convened by the STELLA Focus Group 3 (Society, Behavior, and Private/Public Transport; sponsored by NSF and European Science Fund), Washington, D.C., January 13-14, 2003.
- 2003 Invited participant in a special session “International Roundtable, Part 2: STELLA: Transatlantic Research on Sustainable Transportation” (**sponsored by NSF and European Science Fund**) in the Transportation Research Board 82nd Annual Meeting, Washington, D.C., January 12-16, 2003.
- 2002 Invited participant in a specialist workshop on “Spatial Inequality as an Emerging Research Agenda in Sociology.” Funded by the Advancement of the Discipline Award, the **American Sociological Association**; workshop took place at the Ohio State University, Columbus, September 20-22.
- 2002 Invited panelist in a panel session, “GIS for Transportation Education.” Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23, 2002.
- 2002 Invited participant in an **NSF/AAG sponsored** specialist workshop on “The Geographical Dimensions of Terrorism: A Research Agenda for the Discipline,” Washington D.C., January 24-27.
- 2002 Invited participant in a specialist workshop on “ICT, Innovation and the Transport System.” **Sponsored by NSF**, STELLA (Sustainable Transport in Europe and Links and Liaisons with America) and STAR (Sustainable Transportation Analysis and Research), Washington, D.C., January 15-17.
- 2001 Invited participant in a specialist meeting on “Location-Based Services.” Center for Spatially Integrated Social Science (CSISS; **sponsored by NSF**), University of California, Santa Barbara, December 14-15, 2001.
- 2001 Invited discussant in a panel session, “Household Structure, Spatial Mobility, and Urban Growth III: Coordinating Time and Space.” Annual Meeting of the Association of American Geographers (AAG), New York City, NY, February 27 – March 3.
- 1998 “Analysis of Human Spatial Behavior Within GIS: Recent Developments and Future Prospect.” Invited presentation at the NCGIA Workshop on the Status and Trends in Spatial Analysis, Santa Barbara, California, December 10-12.
- 1998 “Conceptualizing and Measuring Individual Access to Information Resources on the Internet.” Invited presentation at the NCGIA Specialist Meeting on Conceptualizing and Measuring Accessibility in the Information Age, November 20-22.
- (3) Paper Presentations at Professional Meetings**
- 2018 “Understanding Human Mobility, Real-time Geographic Contexts, and Noise Exposure.” AAG Annual Meeting, New Orleans, April 10-14, 2018. (Lirong Kou, Mei-Po Kwan, and Yanwei Chai)

- 2018 “Spatiotemporal Analysis of Multi-Contextual Segregation in Urban Areas.” AAG Annual Meeting, New Orleans, April 10-14, 2018. (Yoo Min Park and Mei-Po Kwan)
- 2018 “An innovative context-based crystal-growth activity space method for environmental exposure assessment based on GPS tracking and GIS.” AAG Annual Meeting, New Orleans, April 10-14, 2018. (Jue Wang and Mei-Po Kwan)
- 2018 “Using Points-of-Interest Data to Estimate the Commuting Patterns in Central Shanghai, China.” AAG Annual Meeting, New Orleans, April 10-14, 2018. (Mengya Li and Mei-Po Kwan)
- 2017 “The Transnational Experiences of Young Chinese Australians in Physical Activity.” Institute of Australian Geographers Annual Conference, Brisbane, Australia, July 11-14. (Bonnie Pang and Mei-Po Kwan)
- 2017 “Human Mobility and Individual Space-Time Context: How GPS Data Can Advance Research on Drug Use Behavior.” 17th International Medical Geography Symposium (IMGS 2017), Angers, France, July 2-7.
- 2017 “Spatiotemporal Uncertainties in Assessing Individual Exposure to Air Pollution.” AAG Annual Meeting, Boston, April 5-9, 2017. (Yoo Min Park and Mei-Po Kwan)
- 2017 “Assessing Individual Environmental Exposure with the Environmental Context Cube: A Study on the Environmental Influences on Obesity.” AAG Annual Meeting, Boston, April 5-9, 2017. (Jue Wang and Mei-Po Kwan)
- 2017 “The Influence of Seasonality on Amenity-led Mobility and Wellbeing of Retired Migrants in China.” AAG Annual Meeting, Boston, April 5-9, 2017. (Lirong Kou and Mei-Po Kwan)
- 2017 “Towards Automatic Classification of Transportation Modes and Physical Activity using Publicly Released GPS and Accelerometer Data.” AAG Annual Meeting, Boston, April 5-9, 2017. (Kangjae Lee and Mei-Po Kwan)
- 2017 “Understanding School Choice through Marginalized Children’s Perceptions of Urban Neighborhoods: Mental Maps.” AAG Annual Meeting, Boston, April 5-9, 2017. (Ee-Seul Yoon and Mei-Po Kwan)
- 2017 “Forest management and geographic scales: Understanding the spatial and temporal drivers of entrepreneurship in smallholder forestry.” AAG Annual Meeting, Boston, April 5-9, 2017. (Pushpendra Rana and Mei-Po Kwan)
- 2016 “Urban Form, Suburbanization, and Car Ownership in Chinese and US Cities: Exploring Sustainable Urban Futures.” 33rd International Geographical Congress of the International Geographical Union (IGU), Beijing, China, August 22-24. (Mei-Po Kwan and Yanwei Chai)
- 2016 “An Examination on the Geographical Pattern of Socio-environmental Justice: The Case of Population Exposure to Air Pollution in Beijing.” Presented at the “International Conference on Geographies of Health and Living in Cities: Making Cities Healthy for All,” Hong Kong, China, June 21-24, 2016. (Wenbo Guo, Yanwei Chai, and Mei-Po Kwan)
- 2016 “Assessment of Personal Exposure to Air Pollution and Its Effects on Health: Using Hourly Estimates, Human Movement Data, and 3-Dimensional Visualization to Address the Uncertain Geographic Context Problem.” Presented at the GIS Specialty Group Honors Student Paper

- Competition Session, AAG Annual Meeting, San Francisco, March 29-April 2, 2016. (Yoo Min Park and Mei-Po Kwan)
- 2016 “The Impact of Environmental Influences in Urban Areas on the Physical Activity of Young Adults.” AAG Annual Meeting, San Francisco, March 29-April 2, 2016. (Kangjae Lee and Mei-Po Kwan)
- 2016 “Predicting Spatio-temporal Demand for 311 Non-Emergency Municipal Services in Chicago.” AAG Annual Meeting, San Francisco, March 29-April 2, 2016. (Li Xu, Mei-Po Kwan, Sara McLafferty, and Shaowen Wang)
- 2015 “Activity Space Exposures and Physiological Stress Among Urban Adolescents.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Christopher R. Browning, Jodi L. Ford, and Mei-Po Kwan)
- 2015 “Analyzing Environmental Influence on Health Using Movement Data, Contextual Environment Cube, and Artificial Neural Network.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Jue Wang and Mei-Po Kwan)
- 2015 “Mining Sequential Trajectories Patterns for Activity-Travel Prediction.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Li Xu and Mei-Po Kwan)
- 2015 “Development of a Method to Integrate an Ontology Model and Topological Analysis: Focusing on Activities in Indoor Spaces at University.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Kangjae Lee, Mei-Po Kwan, and Jiyeong Lee)
- 2015 “The Interaction between Urban Space and Space-time Behavior: A Theoretical Framework.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Yanwei Chai and Mei-Po Kwan)
- 2015 “Gender and Spacetime Constraints of Daily Activities: A Sino-US Comparative Study.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Yue Shen, Mei-Po Kwan, and Yanwei Chai)
- 2015 “A Comparative Study of Urban Residents’ Space-time Activity Pattern between Beijing, China and Chicago, USA.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Yan Zhang, Yanwei Chai, and Mei-Po Kwan)
- 2015 “The Shoemaker’s Son Always Goes Barefoot: Implementations of GPS and Other Tracking Technologies for Geographic Research.” AAG Annual Meeting, Chicago, April 21-25, 2015. (Noam Shoval, Mei-Po Kwan, Kristian H Reinau, and Henrik Harder)
- 2014 “Mining Sequential Activity-Travel Patterns with GPS Trajectories.” 19th International Conference of Hong Kong Society for Transportation Studies (HKSTS), Hong Kong, December 13-15. (Li Xu and Mei-Po Kwan)
- 2014 “The Uncertain Geographic Context Problem: Implications for Environmental Health Research.” 142th Annual Meeting of the American Public Health Association, New Orleans, Louisiana, November 15-19. (Mei-Po Kwan)
- 2014 “Suburbanization, Daily Lifestyle and the Build Environment: A Study of Suburban Residents in Beijing, China.” Annual Meeting of the Geographical Society of China, Chengdu, China, October 24-27. (Tana, Yanwei Chai, and Mei-Po Kwan)

- 2014 “Space-time constraints and gendered daily activities in urban China: Comparison of nuclear and extended families based on a GPS-based activity survey in Beijing, China.” AAG Annual Meeting, Tampa, Florida, April 8-12. (Tana, Mei-Po Kwan, Yanwei Chai, and Zhilin Liu)
- 2014 “Improving the spatial accuracy of mobile positioning data based on fine-scale human mobility pattern analysis.” AAG Annual Meeting, Tampa, Florida, April 8-12. (Li Xu and Mei-Po Kwan)
- 2013 “Activity-travel behavior, activity space, and urban form: A study of suburban residents in Beijing using GPS data.” 18th International Conference of the Hong Kong Society for Transportation Studies (HKSTS), Hong Kong, December 14-16. (Yue Shen, Mei-Po Kwan and Yanwei Chai)
2013. “Space–time constraints in Beijing suburbs: A comparative study of different community types.” International Conference on China’s Urban Transformation and Restructuring, Guangzhou, China. (Yue Shen, Mei-Po Kwan and Yanwei Chai)
- 2013 “Urban form, activity space and activity-travel behavior in Beijing suburbs: A comparative study of an affordable housing community and a new town with GPS data.” AAG Annual Meeting, Los Angeles, California, April 9–13. (Yue Shen, Mei-Po Kwan and Yanwei Chai)
- 2012 “Examining the tobacco industry’s major marketing strategies: A comparison and content analysis of cigarette and smokeless tobacco print advertisements in playboy and sports illustrated. Paper presented at the 2012 Society for Research on Nicotine and Tobacco (SRNT) Annual Meeting, March 13-16. (Meaghan Novi, Julianna Nemeth, Amy Ferketich, Elizabeth Klein, Mei-Po Kwan, Electra Paskett, and Mary Ellen Wewers)
- 2012 ““If you’re going to be a county boy, rub snuff”: Factors influencing smokeless tobacco use in rural Ohio Appalachia.” Paper presented at the 2012 Society for Research on Nicotine and Tobacco (SRNT) Annual Meeting, March 13-16. (Julianna M. Nemeth, Sherry T. Liu, Elizabeth G. Klein, Amy K. Ferketich, Mei-Po Kwan, and Mary Ellen Wewers)
- 2012 “Perceived health effects and relative safety of smokeless tobacco products among adolescents and adults in Appalachia, Ohio.” Paper presented at the 2012 Society for Research on Nicotine and Tobacco (SRNT) Annual Meeting, March 13-16. (Sherry T. Liu, Julianna M. Nemeth, Elizabeth G. Klein, Amy K. Ferketich, Mei-Po Kwan, and Mary Ellen Wewers)
- 2012 “Adolescent and adult perceptions of traditional and novel smokeless tobacco marketing in rural Ohio Appalachia.” Paper presented at the 2012 Society for Research on Nicotine and Tobacco (SRNT) Annual Meeting, March 13-16. (Sherry T. Liu, Julianna M. Nemeth, Elizabeth G. Klein, Amy K. Ferketich, Mei-Po Kwan, and Mary Ellen Wewers)
- 2011 “A framework for modeling trip chains with multiple flexible activities.” Paper presented at the 16th International Conference of Hong Kong Society for Transportation Studies (HKSTS), Hong Kong, December 17-20. (Xiang Chen and Mei-Po Kwan)
- 2011 “What can be obtained from presentation text?: Qualitative GIS analysis into cultural landscape.” Paper presented at the Supporting Digital Humanities 2011 Conference, University of Copenhagen, Denmark, November 18. (Ayako Matsumoto, Toshikazu Seto, Takafusa Iizuka, Mei-Po Kwan, and Keiji Yano)
- 2011 “Sociogeographic context, pro-tobacco advertising, and smokeless tobacco usage in the Appalachian Region of Ohio (USA).” Paper presented at the 2011 International Medical Geography Symposium, Durham, U.K., July 10-15. (Mei-Po Kwan, Loren L. Kenda, Mary Ellen Wewers, Amy K. Ferketich, and Elizabeth G. Klein)

- 2011 "The value of qualitative inquiry for understanding healthcare accessibility and quality of care in lower-income urban communities." Paper presented at the 2011 International Medical Geography Symposium, Durham, U.K., July 10-15. (Timothy L. Hawthorne and Mei-Po Kwan)
- 2011 "Geovisualization of public transportation using the space-time cloud." Paper presented at the 25th International Cartographic Conference (ICC2011) of the International Cartographic Association, Paris, France, July 3-8. (Johnathan Rush and Mei-Po Kwan)
- 2011 "The formation of choice set for multiple flexible activities under space-time constraints." Paper presented at the 19th International Conference on Geoinformatics, Shanghai, China, June 24-26. (Xiang Chen and Mei-Po Kwan)
- 2011 "A new conceptualization of racial segregation using a time-geographic approach and geo-narrative analysis." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16. (John Rainey and Mei-Po Kwan)
- 2011 "The association between tobacco marketing strategies, activity-travel behavior, sociogeographic context and smokeless tobacco usage in the Appalachian Region of Ohio." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16. (Loren Kenda and Mei-Po Kwan)
- 2011 "Using volunteered geographic information to study population dynamics." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16. (Johnathan Rush and Mei-Po Kwan)
- 2011 "The spatial and social embeddedness of youth activities." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Seattle, April 12-16. (Catherine Calder, William Darnieder, Christopher Browning, Lauren Krivo, Mei-Po Kwan, and Ruth Peterson)
- 2010 "Temporal interactions between people's Internet and physical activities." Paper presented at the 15th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 11-14. (Mei-Po Kwan, Fang Ren and Tim Schwanen) (peer reviewed)
- 2010 "The association between tobacco marketing strategies, activity-travel behavior, sociogeographic context and smokeless tobacco usage in the Appalachian region of Ohio." Paper presented at the Association of American Geographers East Lakes Regional Meeting, Grand Rapids, MI, October 22-23. (Loren Kenda, Mei-Po Kwan, Mary Ellen Wewers, Amy Ferketich, and Liz Klein)
- 2010 "Investigating the temporal dynamics of Internet activities using survival analysis." Paper presented at the 32nd International Association for Time Use Research (IATUR) Conference 2010, Paris, France, July 7-10. (Fang Ren, Mei-Po Kwan and Tim Schwanen) (peer reviewed)
- 2010 "Space-time analysis of adolescent health-risk behaviors." Paper presented at the Pediatric Academic Societies Annual Meeting, May 1-4, 2010, Vancouver, British Columbia, Canada. (Sarah E Wiehe, Mei Po Kwan, Jeffrey S Wilson, Shawn C Hoch, B'Wana L Brooks and J Dennis Fortenberry) (peer reviewed)
- 2010 "The spatial mismatch and skills mismatch hypotheses: A study of the Columbus Metropolitan Area using spatial interpolation methods." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Washington, D.C., April 14-18. (Loren Kenda and Mei-Po Kwan)

- 2010 "Time-space modeling of traffic-related air pollution in Ohio." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Washington, D.C., April 14-18. (Jun Li, Mei-Po Kwan and Desheng Liu)
- 2009 "Gendered rigidity of space-time constraints and human activity patterns: An activity-based approach." Paper presented at the 14th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 10-12. (Mei-Po Kwan, Tim Schwanen and Fang Ren) (peer reviewed)
- 2009 "Geographic context in health research: A new conceptualization." Paper presented at the 13th International Symposium in Medical Geography, Hamilton, Ontario, Canada, July 12-17. (Mei-Po Kwan) (peer reviewed)
- 2009 "A geographer's take on healthcare accessibility: The role for critical geographic information systems (GIS) and mixed methods in healthcare accessibility." Paper presented at the Hawaii International Conference on Social Sciences, June 4-7. (Tim Hawthorne and Mei-Po Kwan) (peer reviewed)
- 2009 "Activity-space measures for studying spatial crime and social isolation." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27. (Mei-Po Kwan, Timothy Hawthorne, Catherine Calder, William Darneider, Aubrey Jackson, and Lauren J. Krivo).
- 2009 "Adolescent activity space and risk behavior: The joint effects of neighborhood and school contexts." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27. (Christopher R. Browning, Heather Washington, Lori Burrington, Catherine Calder, William Darnieder, Lauren J. Krivo, Mei-Po Kwan, and Ruth D. Peterson).
- 2009 "Dynamic individual and neighborhood activity patterns: Implications for problem behaviors among distinct groups." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27. (Ruth D. Peterson, Aubrey Jackson, Lauren J. Krivo, Christopher R. Browning, Catherine Calder, and Mei-Po Kwan).
- 2009 "The role for critical GIS and mixed methods research in studies of healthcare accessibility." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27. (Tim Hawthorne and Mei-Po Kwan)
- 2009 "The Internet, mobility, and everyday life." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27. (Fang Ren and Mei-Po Kwan)
2009. "Visualizing a large population in the space time aquarium." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV, March 22-27. (Johnathan Rush and Mei-Po Kwan)
- 2008 "Accessibility, e-shopping, and activity-travel patterns". Paper presented at the 13th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 13-15. (Mei-Po Kwan and Fang Ren) (peer reviewed)
- 2008 "A Hybrid Genetic Algorithm for Measuring Activity-Travel Patterns." Paper presented at the GIScience 2008 Conference (Fifth International Conference on Geographic Information Science), Park City, Utah, September 23-26. (Guoxiang Ding and Mei-Po Kwan) (peer reviewed)

- 2008 "Reconceptualizing sociogeographic context for the study of drug use, abuse, and addiction." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19. (Mei-Po Kwan, Ruth Peterson, Christopher Browning, Lori Burrington, Catherine Calder, and Lauren Krivo)
- 2008 "The Internet, mobility, and everyday life." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19. (Fang Ren and Mei-Po Kwan)
- 2008 "Seeing through the smoke: Exploring smoke free Ohio with public participation GIS." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19. (Timothy Hawthorne and Mei-Po Kwan)
- 2008 "Using LiDAR in detecting obstructions in transportation networks." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19. (Dan Ransberger and Mei-Po Kwan)
- 2008 "Spatial and Aspatial Accessibility to Breast Cancer Screening Centers in Chicago, Illinois." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19. (Gabriela Maldonado and Mei-Po Kwan)
- 2008 "Creating a 3D Visualization and Analysis System for Human Activity Pattern Data." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Boston, MA, April 15-19. (Johnathan Rush and Mei-Po Kwan)
- 2007 "How Internet use affects activity-travel patterns? A study on gender differences using multiple-group analysis." Paper presented at the 12th International Conference of Hong Kong Society for Transportation Studies, December 8-10, Hong Kong. (Fang Ren and Mei-Po Kwan) (peer reviewed)
- 2007 "Public participation GIS for the general public?" Paper presented at GeoComputation 2007, Maynooth, Ireland, September 3-5, 2007. (Ningchuan Xiao, Ola Ahlqvist and Mei-Po Kwan) (peer reviewed)
- 2007 "Affecting technological spaces in geography: Toward a politics of emotion." Paper presented in an organized session on "Emotion and Politics (1): The Importance of Place" at the 2007 Royal Geographical Society and Institute of British Geographers (RGS-IBG) Conference, London, August 29-31.
- 2007 "Activity-based qualitative modeling using spatial choice data." Paper presented at the 103rd Annual Meeting of the Association of American Geographers (AAG), San Francisco, April 17-21, 2007. (Guoxiang Ding and M-P. Kwan)
- 2007 "Measuring accessibility to smoking cessation programs in Appalachian Ohio: Considering individual perceptions to care as measures of revealed accessibility." Paper presented at the 103rd Annual Meeting of the Association of American Geographers (AAG), San Francisco, April 17-21, 2007. (Timothy Hawthorne, Mei-Po Kwan, Mary Ellen Wewers, Pam Salsberry, Amy Ferketich, and Electra Paskett)
- 2007 "Patterns of local segregation: Do they matter for crime?" Paper presented at the Annual Meeting of the Population Association of America, New York, March 29-31. (Lauren J. Krivo, Reginald A. Bryon, Catherine A. Calder, and Mei-Po Kwan)

- 2007 "Point-Based Accessibility and Individual-Based Accessibility." Paper presented at the 86th Annual Meeting of the Transportation Research Board (TRB), Washington, D.C., January 21-25, 2007. (Cynthia Chen and Mei-Po Kwan) (peer reviewed)
- 2006 "Conceptualizing socially sustainable urban transport." Paper presented at the 11th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 9-11, 2006. (E. Eric Boschmann and Mei-Po Kwan) (peer reviewed)
- 2006 "Neighborhood disadvantage and the concentration of criminogenic physical ecologies." Paper presented at the 2006 Annual Meeting of the American Society of Criminology (ASC), Los Angeles, California, November 1-4, 2006. (Christopher Browning, Catherine Calder, Lauren Krivo, Mei-Po Kwan, and Ruth Peterson) (peer reviewed)
- 2006 "A data mining approach for qualitative modeling using spatial choice data." Paper accepted for presentation at the GIScience 2006 Conference, Munster, Germany, September 20-23, 2006. (Guoxiang Ding and M-P. Kwan) (peer reviewed)
- 2006 "A closer look at the interrelations among ICT, travel, and space-time constraints." Paper presented at the 11th International Conference on Travel Behaviour Research, Kyoto, Japan, August 16-20, 2006. (Tim Schwanen and Mei-Po Kwan) (peer reviewed)
- 2006 "Point-based accessibility and individual-accessibility." Paper presented at the 11th International Conference on Travel Behaviour Research, Kyoto, Japan, August 16-20, 2006. (Cynthia Chen, Wei Li, and Mei-Po Kwan) (peer reviewed)
- 2006 "Exploring Internet activities using 3D geovisualization technique." Paper presented at the UCGIS Summer Assembly, Vancouver, Washington. June 28- July 1. (Fang Ren and Mei-Po Kwan)
- 2006 "Women's Attitudes Towards E-shopping and its Impact on their Shopping Behavior: a Case Study of Columbus, Ohio." Paper presented at the 102th Annual Meeting of the Association of American Geographers (AAG), Chicago, March 7-11, 2006. (Suzanna Klaf and Mei-Po Kwan)
- 2006 "Geovisualization of Hybrid Activity-Travel Patterns." Paper presented at the 102th Annual Meeting of the Association of American Geographers (AAG), Chicago, March 7-11, 2006. (Fang Ren and Mei-Po Kwan)
- 2006 "Identifying Participant-Defined Recreational Trail Locations Using GIS and Q Methodology in Delaware County, Ohio: A Case Study of Qualitative Data Integration in GIS." Paper presented at the 102th Annual Meeting of the Association of American Geographers (AAG), Chicago, March 7-11, 2006. (Timothy Hawthorne, John Krygier, and Mei-Po Kwan)
- 2005 "Homeland Insecurity: American Muslims and Arab-Americans in the Post-9/11 Era." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), Denver, April 5-9, 2005. (Mei-Po Kwan and Eric Boschmann)
- 2005 "The Impact of E-shopping on Individual Temporal Constraints and Out-of-home Activities." Paper presented at the 84th Annual Meeting of the Transportation Research Board, Washington DC, January 9-13, 2005. (Fang Ren and Mei-Po Kwan) (peer reviewed)
- 2004 "3D-VQGIS: 3D Visualization and Qualitative Analysis of GeoSpatial Data." Paper presented at the GIScience 2004 Conference, College Park, Maryland, October 20-23. (Guoxiang Ding and Mei-Po Kwan) (peer reviewed)

- 2004 "Feminist Geography and Geospatial Technologies: A New Beginning?" Paper presented at the 30th Congress of the International Geographical Union (IGU), Glasgow, U.K., August 15-20.
- 2004 "Internet Use, Space-Time Constraints and Human Activity Patterns." Paper presented at the 100th Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004.
- 2004 "The Impact of the Internet on Women's Daily Activities." Paper presented at the 100th Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004. (Ren Fang and Mei-Po Kwan)
- 2004 "Whither critical GIScience?" Paper presented at the 100th Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004. (Nadine Schuurman and Mei-Po Kwan)
- 2004 "3D-VQGIS: 3D Visualization and Qualitative Analysis of GeoSpatial Data." Paper presented at the 100th Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004. (Guoxiang Ding and Mei-Po Kwan)
- 2004 "The Accuracy of Space-Time Data." Paper presented at the 100th Annual Meeting of the Association of American Geographers (AAG), Philadelphia, March 14-19, 2004. (Sunhee Sang and Mei-Po Kwan)
- 2004 "Using Qualitative Methods and Geographical Information Systems (GIS) in the Study of Women's Activity-travel Behavior." Paper presented at the Transportation Research Board 83rd Annual Meeting, Washington, D.C., January 11-15. (peer reviewed)
- 2003 "A GIS-Based Travel Simulator under ITS: Activity Scheduling in the Presence of Real-Time Information." Paper presented at the 50th Annual North American Meetings of the Regional Science Association International, Philadelphia, Pennsylvania, November 20-22. (Irene Casas and Mei-Po Kwan)
- 2003 "Gender, Race and Homeland Security: Negotiating Muslim Identities in the U.S. After 9/11." Paper presented at the Royal Geographical Society-Institute of British Geographers Annual Conference, September 3-5.
- 2003 "Geovisualisation of Activity-Travel Patterns Using 3D Geographical Information Systems." Paper presented at the 10th International Conference on Travel Behaviour Research, Lucerne, Switzerland, August 10-14. (peer reviewed)
- 2003 "Netting Action and Activity Space/Time: Are Our Methods Keeping Pace with Evolving Behaviour Patterns?" Paper presented at the 10th International Conference on Travel Behaviour Research, Lucerne, Switzerland, August 10-14. (Talia McCray, Martin Lee-Gosslin, Mei-Po Kwan) (peer reviewed)
- 2003 "Women, New Information Technologies and the Geographies of Everyday Life." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8. (Mei-Po Kwan and Pamela Moss)
- 2003 Reading Women and Space: 'Real' Bodies, 'Real' Technologies." Paper presented at the Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8. (Pamela Moss and Mei-Po Kwan)

- 2003 “Exploring Gender Differences in Individual Space-time Accessibility Using GIS.” Paper presented at the Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8. (Hyun-Mi Kim and Mei-Po Kwan)
- 2003 “Gender and the Temporal Patterns of Leisure.” Paper presented at the Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8. (Luksamee Jeawetchasil and Mei-Po Kwan)
- 2003 Panel on “Women, Space and Technology IV.” Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23. (Panelist and co-organizer)
- 2003 Panel on “Security and GIS: Some Critical Reflections.” Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8. (Panelist)
- 2003 Panel on “GIS and Society: Past, Present and Future.” Annual Meeting of the Association of American Geographers (AAG), New Orleans, March 4-8. (Panelist)
- 2002 “Using GIS for Accessibility Studies in Transportation.” Paper presented at 56th Annual Ohio Transportation Engineering Conference, Columbus, Ohio, October 22-23. (Morton O’Kelly and Mei-Po Kwan)
- 2002 “Privacy Protection and Accuracy of Spatial Information: How Effective are Geographical Masks?” Paper presented at the GIScience 2002 Conference, Boulder, Colorado, September 25-28. (Mei-Po Kwan and Ben C. Schmitz) (peer reviewed)
- 2002 “Whose Security? Muslim Women in the U.S. after 9/11.” Paper presented at the International Geographical Union (IGU) Gender and Geography Workshop entitled, “Placing Gender/Making Policy”, Toronto, May 31-June 3.
- 2002 “Constructing Cartographic Narratives of the Geographies of Everyday Life Using 3D GIS.” Paper presented in organized session “Emerging Themes in Critical GIS II - Qualitative Research and GIS.” Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23.
- 2002 Panel on “Emerging Themes in Critical GIS III - Feminism and GIS Education.” Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23. (Panelist and co-organizer)
- 2002 Panel on “GIS-Transportation Education and Book Review.” Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23. (Panelist)
- 2002 “Measuring Individual Space-Time Accessibility: Comparison and Development.” Paper presented in an organized session “Measuring and Analyzing Accessibility in Transportation Systems.” Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23. (Hyun-Mi Kim and Mei-Po Kwan)
- 2002 “A location-allocation model taking into account of space-time demand.” Paper presented in an organized session “Understanding and Modeling Travel Behavior II.” Annual Meeting of the Association of American Geographers (AAG), Los Angeles, March 19-23. (Yuko Takeda and Mei-Po Kwan)

- 2001 “New Information Technologies, Human Behavior in Space-time and the Urban Economy.” Paper presented at the Digital Communities 2001 Conference, Chicago, November 4-7.
- 2001 Panel on “Information Technologies and Society I: GIS and Critical Geographic Research.” Annual Meeting of the Association of American Geographers, New York City, NY, February 27 – March 3, 2001. (Chair and panelist)
- 2001 Paper session on “Household Structure, Spatial Mobility, and Urban Growth III: Coordinating Time and Space.” Annual Meeting of the Association of American Geographers, New York City, NY, February 27 – March 3. (Discussant)
- 2001 “Analysis of the Spatial Patterns of Gender Differences in the Journey-to-Work Using 3D Geovisualization Methods.” Paper presented at the Annual Meeting of the Association of American Geographers, New York City, NY, February 27 – March 3. (Hyun Mi-Kim and Mei-Po Kwan)
- 2001 “The Effect of Real-time Information on Travel Behavior Using a GIS-based Interactive Simulator.” Paper presented at the Annual Meeting of the Association of American Geographers, New York City, NY, February 27 – March 3. (Irene Casas and Mei-Po Kwan).
- 2000 “The Other GIS, Multiple Methodologies and Feminist Research.” Paper presented at the Annual Meeting of the Association of American Geographers, Pittsburgh, PA, April 4-8. (Chair and Organizer of the session: “GIS: Gendered Science? Feminist method?”)
- 2000 “A 3-D Data Model for Micro-scale Geographical Features in GIS.” Paper presented at the Annual Meeting of the Association of American Geographers, Pittsburgh, PA, April 4-8. (Jiyeong Lee and Mei-Po Kwan).
- 2000 “The Influence of Time-of-Day Travel Time Variations on Individual Accessibility.” Paper presented at the Annual Meeting of the Association of American Geographers, Pittsburgh, PA, April 4-8. (Joseph Weber and Mei-Po Kwan)
- 1999 “Representing and Measuring Hybrid-Accessibility in Space-Time Using GIS.” Paper presented at the Annual Meeting of the American Association of Geographers, Honolulu, Hawaii, March 23-27.
- 1999 “Modeling Dynamic Behavior Using a GIS-Based Interactive Travel Simulator.” Paper presented at the Annual Meeting of the American Association of Geographers, Honolulu, Hawaii, March 23-27. (Irene Casas and Mei-Po Kwan)
- 1999 “Individual Accessibility Reconsidered: Concepts and Measurements.” Paper presented at the Annual Meeting of the American Association of Geographers, Honolulu, Hawaii, March 23-27. (Joseph Weber and Mei-Po Kwan)
- 1998 “Exploring Relations Between GIS, Cognitive Maps, and Object-Oriented Data Models.” Paper presented at the 8th World Congress on Transport Research (WCTR), Antwerp, Belgium, July 12-17.
- 1998 “Modeling Accessibility to Urban Opportunities Using Geographical Information Systems.” Paper presented at the Annual Meeting of the American Association of Geographers, Boston, MA, March 25-29.
- 1997 (Peer reviewed) “Developing an Object-oriented Database for Testing Activity Scheduling and Trip Allocation Models.” Paper presented at the *INFORMS*, San Diego, CA, May.

- 1997 "A Study on Gender Differences in Trip Chaining Behavior Using Geographic Information Systems." Paper presented at the Annual Meeting of the American Association of Geographers, Fort Worth, Texas, April 1-5.
- 1997 (Peer reviewed) "Developing an Object-oriented Testbed for Modeling Transportation Networks." Paper presented at the Western Regional Science Association Annual Meeting, Hawaii, February 23-27.
- 1996 (Peer reviewed) "Developing an Object-oriented Data Model for Use in an Advanced Traveler Information System." Paper presented at the International Conference of Theoretical Foundations of Travel Choice Modelling, Stockholm, Sweden, August 7-11
- 1996 (Peer reviewed) "Visualization and Analysis of Individual's Space-Time Path." Paper presented at the NCGIA Specialist Meeting for Disaggregate Transportation Modelling and GIS, Santa Barbara, CA, June 8-10.
- 1996 (Peer reviewed) "Computational Process Models of Household Travel Behavior." Paper presented at the Mathematical Models Commission, the 28th International Geographical Congress Conference, The Hague, The Netherlands, August 5-10.
- 1996 "Analysis of Gender Differences in Activity Patterns Using Geographic Information Systems." Paper accepted for presentation at the Annual Meeting of the American Association of Geographers, Charlotte, North Carolina, April 9-13. (Chair of the session).
- 1995 (Peer reviewed) "Object-Oriented GIS for Intelligent Transportation Systems." Paper presented at the GIS/LIS Conference, Nashville, Tennessee, November 14-16.
- 1995 (Peer reviewed) "Object-Oriented GIS for Conflict Resolution in Advanced Traveler Information Systems." Paper presented at the 42th Annual Northern American Meeting, Regional Science Association International, Cincinnati, Ohio, November 9-12. (Chair of session).
- 1995 (Peer reviewed) "Destination Choice Behavior in ATIS." Paper presented at the *INFORMS* New Orleans National Meeting, October 29-1.
- 1995 (Peer reviewed) "An Activity-Based Spatial Decision Support System for Advanced Traveler Information Systems." Paper presented at the International Conference on Activity-based Approaches: Activity Scheduling and the Analysis of Activity Patterns, Eindhoven, the Netherlands, May 25-28.
- 1995 "GISICAS: A GIS-Interfaced CPM for Activity Scheduling in ATIS." Paper presented at the Annual Meeting of the American Association of Geographers, Chicago, April, 1995.
- 1995 (Peer reviewed) "GIS and Activity-Based Modeling in Intelligent Transportation Systems: A New Approach." Paper presented at the Annual Meeting of the Operations Research Society of America, Los Angeles, April, 1995.
- 1995 (Peer reviewed) "Integrating GIS and Computational Process Model: Problems and Issues." Paper presented at the Annual Meeting of the Transportation Research Board, Washington, D.C., January, 1995.
- 1994 "Developing Spatial Alternatives for Real-Time Information Supply Strategies in Advanced Traveler Information Systems." Paper presented at the Applied Geography Conference, Akron, Ohio, October, 1994.

- 1994 “Contributions of GIS to Advanced Traveler Information Systems.” Paper presented at the Annual Meeting of the American Association of Geographers, San Francisco, March 1994.
- 1994 (Peer reviewed) “A GIS-Based Model for Activity Scheduling in Advanced Traveler Information Systems.” Paper presented at the Western Regional Science Association Conference in Tucson, Arizona, February, 1994.
- 1994 (Peer reviewed) “On Real-Time Distributed Geographical Database Systems.” Paper presented at the 27th Hawaii International Conference on System Sciences, Hawaii, January.
- 1993 “Computational-Process Modeling of Travel Decisions Using a Geographical Information System.” Paper presented at the Annual Meeting of the American Association of Geographers, Atlanta, April.

COURSES TAUGHT

Courses taught at the University of Illinois at Urbana-Champaign (2013-present):

GEOG/BADM 440 Business Applications of Geographic Information Science
Spring 2016, Spring 2017, Spring 2018

GEOG 479 Advanced GIS
Spring 2015

GEOG 595 Graduate Seminar in Advanced GIS
Spring 2014; Spring 2015; Spring 2016, Spring 2017, Spring 2018

Courses taught at the University of California, Berkeley (2012):

Geography 170 Special Topics in Geography: Critical GIS and Human Geography
Spring 2012

Geography 298 Directed Study: Critical GIS and Human Geography
Spring 2012

Courses taught at the Ohio State University (1994-2012):

G607 Fundamentals of Geographic Information Systems (team-taught; coordinator for Geography Dept.)
Winter 1996; Winter 1998; Winter 1999; Winter 2000; Autumn 2000;
Autumn 2001; Autumn 2002; Autumn 2003; Autumn 2004; Autumn 2005;
Autumn 2006; Autumn 2007, Spring 2008; Autumn 2008; Autumn 2010

G685 Intermediate Geographic Information Systems
Winter 1995; Autumn 1995; Spring 1997; Spring 1998; Winter 1999; Spring 1999;
Winter 2000; Autumn 2000; Autumn 2001; Winter 2012

G686 Geographic Information Systems for Social Science and Business Research
Spring 1999; Spring 2000; Spring 2001; Spring 2002; Spring 2003; Spring 2004;
Spring 2005; Spring 2006; Spring 2007; Spring 2008; Spring 2010; Spring 2011

- G687 Design and Implementation for Geographic Information Systems
Spring 2000; Autumn 2001; Spring 2005; Autumn 2005
- G694 Mapping and GIS Applications (G694/G795C)
Winter 1995; Autumn 1995; Winter 1996; Spring 1997; Spring 1998;
- G880 Graduate Seminar in Geographic Information Science and Cartography
Spring 1995; Winter 1996; Winter 1997; Winter 1999; Winter 2000; Spring 2000;
Spring 2001; Spring 2003; Spring 2004; Spring 2005; Spring 2006; Spring 2007;
Autumn 2007
- G480 Map Reading and Interpretation
Autumn 2011
- G645 Geography of Transportation
Autumn 2011

PH.D. DISSERTATIONS SUPERVISED

- 2015 Tana (Co-advised). "A Lifestyle Study of Suburban Residents Based on Space-Time Behavior." Currently Postdoctoral Research Fellow, School of Geographic Sciences, East China Normal University, Shanghai, China.
- 2010 Tim Hawthorne. "A People-Centered GIS Analysis of Healthcare Accessibility and Quality-of-Care." Currently Assistant Professor, Department of Sociology, University of Central Florida, Orlando, Florida.
- 2009 Guoxiang Ding. "Deriving Activity Patterns from Individual Travel Diary Data: A Spatiotemporal Data Mining Approach." Currently Director of Research, Hartford Group, Hartford, Connecticut.
- 2009 Suzanna Klaf. "The Critical Geographies of Educational Reform: Policy, Power, and Pedagogy." Currently Interim Director of Faculty Programs and Services at the Center for Teaching and Learning, Columbia University, New York.
- 2008 Eric Boschmann. "Getting to Work: A Mixed Methods Analysis of Metropolitan Area Working Poor Employment Access." Currently Associate Professor, Department of Geography, University of Denver, Denver, Colorado.
- 2008 Sunhee Sang. "Examining Commuting Patterns and Spatial Mismatch by Occupation and Gender: Disaggregate Journey-to-Work Model." Currently Assistant Professor-Adjunct, Department of Geography, University of Cincinnati, Cincinnati, Ohio.
- 2008 Luksamee Jeawetchasil. "Gender Roles and Household Interactions in Chauffeuring Children to School in the Portland Metropolitan Area."
- 2008 Annemarie Bodaar. "Cities and the 'Multicultural State': Immigration, Multi-ethnic Neighborhoods, and the Socio-spatial Negotiation of Policy in the Netherlands." Currently Policy Analyst, City of the Hague, the Netherlands.
- 2008 Jae Yong Lee. "Socio-Spatial Exclusion Based on Human Activities and Social Networks in Space-Time: A Case Study of Koreans in Columbus, Ohio." Currently Presidential Council for Future and Vision, Planning and Management Bureau, and Associate Research Fellow, Korean

- Research Institute for Human Settlements (KRIHS), National Territorial and Regional Planning Division, Seoul, South Korea.
- 2007 Fang Ren. “Geovisualizing and Modeling Physical and Internet Activities in Space-Time: Toward Integrated Analysis of Activity Patterns in the Information Age.” Currently Associate Professor of Geographic Information Science, University of Redlands, Redlands, California.
- 2007 Jason VanHorn. “Geovisualizing Terror: The Geography of Terrorism Threat in the United States.” Currently Associate Professor of Geography and Co-Chair, Department of Geology, Geography, and Environmental Science, Calvin College, Grand Rapids, Michigan.
- 2005 Hyun-Mi Kim. “Gender and Individual Space-Time Accessibility: A GIS-based Geocomputational Approach.” Currently Associate Research Fellow, Korea Institute for Curriculum and Evaluation (KICE), Seoul, South Korea.
- 2002 Irene Casas. “Towards a Learning ATIS: Intelligence-Assisted Travel Decision Support System Using Neural Networks.” Currently Professor, School of History and Social Sciences, Louisiana Tech University, Ruston, Louisiana.
- 2001 Jiyeong Lee. “A 3-D Data Model for Representing Topological Relationships Between Spatial Entities in Built Environments.” Currently Professor of GISciences, Department of Geoinformatics, University of Seoul, Seoul, South Korea.
- 2001 Joseph Weber. “Evaluating the Effect of Context and Scale on Individual Accessibility: A Multilevel Approach.” Currently Professor, Department of Geography, University of Alabama, Tuscaloosa, Alabama.

MASTER’S THESES SUPERVISED

- 2010 Jun Li, (co-advised). “Spatial-temporal Modeling of Ambient PM Concentration in Ohio and Franklin County.”
- 2010 Jaclyn Sineri (co-advised). “Assessment of Particulate Matter Exposure in Franklin County, Ohio: A Comparison of Static and Dynamic Approaches.”
- 2009 Johnathan Rush. “A Visualization Strategy for Analyzing High Volumes of Space-Time Activity Data.”
- 2009 Wei Chen (co-advised). “The Design and Implementation of a Web-based GIS for Political Redistricting.”
- 2009 Dan Ransberger. “Improving Disaster Response Mechanisms: Detecting Transport Network Obstructions Using LiDAR Data.”
- 2008 Gabriela Maldonado. “Using Geographically Weighted Regression to Explore the Relationship between Late-Stage Diagnosis of Breast Cancer and Accessibility to Breast Cancer Screening Centers in the Chicago Metropolitan Region.”
- 2006 Loren Kenda. “An Analysis of the Spatial Mismatch and Skills Mismatch Hypotheses: A Study of the Columbus Metropolitan Area.”
- 2006 Peter Morgan (co-advised). “Stadium Funding and the Political Process.”

- 2004 Robert Forrest. "The Sampling Theorem, Resolution and Scale in Geographic Information Science."
- 2004 Madhuri Sharma. "A Study of Gender and Racial Differences in Trip Chaining Behavior in Columbus, Ohio."
- 2004 Melissa Williams. "A Flash Flooding Hazard Analysis: Utilizing a GIS to Investigate Physical and Climatic Variables Related to Surface Runoff Production in West Virginia."
- 2003 Farida El-Hennawy. "September 11th and the Geography of Muslim Identities: A Study on the Muslim Women in Columbus, Ohio."
- 2002 Sunhee Sang. "The Effect of Travel Time Ratio on Individual Accessibility: A Study Of Gender Differences in Space-Time Constraints."
- 2001 Ben Schmitz. "The Effects of Geographic Masks on the Results of Spatial Analysis of Confidential Public Health Data."
- 1997 Xiaodong Hong. "Modeling Physical and Individual Accessibility within GIS: An Analysis of Urban Structure in the Franklin County, Ohio."
- 1997 Luksamee Jeawetchasil. "Geographical Information System (GIS) Application as a Spatial Decision Support System (SDSS) for Dinner Restaurant Site Selection and Evaluation."
- 1996 Bradley Shellito. "Choosing Destinations in an Urban Environment: A Heuristic Approach." (Ph.D. 2001, Michigan State University).

DISSERTATION OR THESIS COMMITTEE

(1) Chair of Dissertation or Thesis Committee (ongoing):

7 PhD. Lirong Kou, Kangjae Lee, Dong Liu, Yoo Min Park, Rebecca Shakespeare, Jue Wang, Li Xu.

(2) Member of Dissertation or Thesis Committee:

42 PhD. (1) University of Illinois at Urban-Champaign: Roger Bautista (Human Development & Family Studies), Zhuo Chen, Yizhao Gao, Hao Hu, Dongying Li (Landscape Architecture), Qian Li (Recreation, Sport and Tourism), Ting Li, Stephen Sherman (Urban & Regional Planning). (2) Utrecht University: Alex Gekker (Media and Culture Studies), Christa Hubers. (3) Ohio State University: Rami Al-Ruzong (Geodetic Science), Hyowon Ban, Fernando Bosco, Deborah Bryan, Ho-Seop Cha, Bumseok Chun (City and Regional Planning), Yongwan Chun, Veronica Crossa, Bilal Farhan, Tony Grubestic, Gloria Hampton (Political Science), Michael Harrower (Anthropology), Mark Horner, Changjoo Kim, Hyun Kim, Myung Jin Kim, Youngho Kim, Gunhak Lee, Sang-Il Lee, Wook Lee, Jia Lu (City and Regional Planning), Ruijin Ma (Geodetic Science), Ronald McChesney, Jessica Mefford, Eric Neubauer, Michael Niedzielski, Chris Riley, Soma Tapadar (Soil Science), Julie Weinert, Changshan Wu, Xiaolan Wu, Hui Xie (City and Regional Planning).

30 MA/MS. (1) University of Illinois at Urban-Champaign: Kathryn Abelt, Aida Guhlincozzi. (2) Ohio State University: Ross Beyer, Renuka Bhaskar, Dipti Borkar (Civil Engineering), Stephanie Campbell, Ho-Seop Cha, Jason Ehas, Janine Graham, Robert Henry, Changjoo Kim, Yimho Kim,

Dingmou Li, Eric Lobao, Suzanne Langlois, Biyan Li, Wen-Ching Lin (Natural Resources), Bryan Mark, Matt Martinez, Michael Niedzielski, Naga Nunna (Civil Engineering), Michael Scott-Ryan-Hart, Chia-Chi Shih, Sarah Starkweather, Amanda Trepec, David Twehues, Enzhou Wang, David Wheeler, Xiaolan Wu, Yibo Zhang, Ling Zhuang.

(3) External Examiner or Dissertation Committee Member

University of Melbourne, Australia (Yaoli Wang, Ph.D., Department of Infrastructure Engineering)
Peking University (Xue Zhang, Ph.D., Department of Urban and Economic Geography)
Massachusetts Institute of Technology (MIT) (Eric Schultheis, Ph.D., Department of Urban Studies and Planning)
Peking University (Tana, Ph.D., Department of Urban and Economic Geography)
Peking University (Yue Shen, Ph.D., Department of Urban and Economic Geography)
Peking University (Yan Zhang, Ph.D., Department of Urban and Economic Geography)
Case Western Reserve University (Constance Liu, Ph.D., Department of Epidemiology)
Utrecht University, the Netherlands (Joyce Soo, Ph.D., Faculty of GeoSciences)
University of Hong Kong, Hong Kong (Chien Tat Low, Ph.D., Department of Geography)
Chinese University of Hong Kong, Hong Kong (Rongrong Li, Ph.D., Department of Geography and Resource Management)

NOTEWORTHY ACCOMPLISHMENTS OF GRADUATE ADVISEES (PAST OR CURRENT)

Annemarie Bodaar (Ph.D. 2008) **Award:** National Science Foundation Doctoral Dissertation Research Improvement (DDRI) Grant, 2003.

Eric Boschmann (Ph.D. 2008) **Awards:** (1) National Science Foundation Doctoral Dissertation Research Improvement (DDRI) Grant, 2007; (2) Urban Geography Graduate Student Fellowship, AAG Urban Geography Specialty Group, 2006; (3) Presidential Fellowship, Ohio State University, 2008.

Guoxiang Ding (Ph.D. 2009) **Awards:** (1) First place in Student Poster Competition and Student Travel Award, University Consortium for Geographic Information Science (UCGIS) 2004 Summer Assembly, College Park, Maryland, October 20-33, 2004; (2) Student Travel Award, UCGIS 2005 Summer Assembly, Jackson Hole, Wyoming, June 28-July 1, 2005; (3) AAG GIS Specialty Group Student Paper Competition finalist, 2007; (4) ESRI/ORNL Student Travel Award, GIScience 2008 Conference, Park City, Utah, September 23-26, 2008.

Tim Hawthorne (Ph.D. 2010). **Awards:** (1) Ray Travel Award, Ohio State University, Winter 2008, Winter 2009, Summer 2009, Winter 2010; (2) University/Community Service-Learning Grant for Course Development and Enhancement, the Service-Learning Initiative of the Ohio State University, 2008; (3) Student Travel Award, AAG Urban Geography Specialty Group, 2008; (4) Alumni Grant for Graduate Research and Scholarship (AGGRS) from the Graduate School of the Ohio State University, 2008; (5) "Outstanding Community Outreach by a Graduate Student" Award, Council of Graduate Students of the Ohio State University 2009; (6) Career Development Grant, Council of Graduate Students of the Ohio State University 2010; (7) AAG Health and Medical Geography Specialty Group Travel Award, 2010; (8) AAG Urban Geography Specialty Group Travel Award, 2008, 2009, 2010; (9) First Prize in the "Applied Geography Class Exercise Competition" from the AAG Applied Geography Specialty Group, 2010; (10) Student Award for Excellence in Community Service, The Ohio State University Service Learning Initiative, 2010; (11) E. Willard and Ruby S. Miller Fellowship Award, Department of Geography, The Ohio State University, 2010; (12) The Columbus Foundation Neighborhood Partnership Grant for "Mapping the Past and Future in Near East Columbus: A Focus on Youth and the Arts" with the Mt. Vernon

Avenue District Improvement Association: 2010-2011; (13) “Columbus Food Access Network Urban Gardening Project” Grant for Asset-Based Communities with Central Community House from the United Way.

Hyun-Mi Kim (Ph.D. 2005) **Award:** Student Travel Award, University Consortium for Geographic Information Science (UCGIS) Summer Assembly, Pacific Grove, California, June 16-20, 2003.

Suzanna Klaf (Ph.D. 2009) **Awards:** (1) Urban Geography Graduate Student Fellowship, AAG Urban Geography Specialty Group, 2007; (2) Ray Travel Award, Ohio State University, 2008.

Jiyeong Lee (Ph.D. 2001) **Awards:** (1) First place in Student Paper Competition at the University Consortium for Geographic Information Science (UCGIS) Summer Assembly, Buffalo, New York, June 20-24, 2001; (2) First prize, AAG GIS Specialty Group Student Paper Competition, 2001.

Kangjae Lee (Ph.D. ongoing) **Awards:** (1) UIUC Graduate College Travel Award, 2016; (2) Illinois Informatics Institute Travel Award, 2016; (3) Finalist, SAM Student Paper Competition, 2017 AAG Annual Meeting; (4) 2018 Sim Student Travel Award, Korean-American Association for Geospatial and Environmental Sciences (KAGES).

Yoo Min Park (Ph.D. ongoing) **Awards:** (1) Peter Gould Student Paper Award, AAG Health and Medical Geography Specialty Group, 2014; (2) Third place (\$1,000), Korean Environment Institute International Student Paper Competition, 2015; (3) First Prize, AAG GIS Specialty Group Student Paper Competition, 2016; (4) Block Grant Fellowship, Department of Geography and Geographic Information Science, UIUC, 2016-2017; (5) Travel Award, AAG Spatial Analysis and Modeling (SAM) Specialty Group, 2017; (6) 2017 Sim Student Travel Award, Korean-American Association for Geospatial and Environmental Sciences (KAGES); (7) Travel Award, AAG Urban Geography Specialty Group, 2017; (8) AAG Dissertation Research Grant, American Association of Geographers, 2017; (9) Messina Stanley Graduate Scholarship, Department of Geography and Geographic Information Science, UIUC, 2017; (10) KAGES Student Paper Award, Korean-American Association for Geospatial and Environmental Sciences, 2017; (11) Doctoral Dissertation Research Improvement (DDRI) Grant, Geography and Spatial Sciences Program, National Science Foundation, 2017.

Fang Ren (Ph.D. 2007) **Award:** Student Travel Award, University Consortium for Geographic Information Science (UCGIS) Summer Assembly, Vancouver, Washington, June 28-July 1, 2006.

Johnathan Rush (Ph.D. ongoing) **Awards:** (1) Ray Travel Award, Ohio State University, Spring 2011; (2) NEH summer fellowship for a two-week summer institute at the NEH Advanced Institute on Spatial Narratives and Deep Maps.

Rebecca Shakespeare (Ph.D. ongoing) **Awards:** (1) Block Grant Fellowship, Department of Geography and Geographic Information Science, UIUC, 2016-2017; (2) Marion G. Russell Fellowship, Department of Geography and Geographic Information Science, UIUC, 2017-2018; (3) Doctoral Dissertation Research Improvement (DDRI) Grant, Geography and Spatial Sciences Program, National Science Foundation, 2018.

Jason VanHorn (Ph.D. 2007) **Award:** Research Grant, Mershon Center for International Security Studies, Ohio State University, 2006.

Jue Wang (Ph.D. ongoing) **Awards:** (1) Finalist, Peter Gould Student Paper Competition, AAG Health and Medical Geography Specialty Group, 2017; (2) Finalist, AAG GIS Specialty Group Honors Student Competition, 2018; (3) Student Research Fellowship, AAG Applied Geography Specialty Group, 2018.

Joe Weber (Ph.D. 2001) **Awards:** (1) Best Dissertation Award, AAG Transportation Geography Specialty Group (TGSG), 2002; (2) Second place in Student Poster Competition at the University Consortium for Geographic Information Science (UCGIS) Summer Assembly, Buffalo, New York, June 20-24, 2001. In addition, Joe was selected as the Next Generation Representative to present a paper at the Second Specialist Workshop of STELLA (Sustainable Transport in Europe and Links and Liaisons with America), Focus Group 2 (ICT, Innovation and the Transport System, sponsored by NSF and European Science Fund), Newcastle-upon-Tyne, UK, May 8-10, 2003.

Li Xu (Ph.D. ongoing). **Awards:** (1) Second Place Award, Student Paper Competition of the AAG GIS Specialty Group, 2017; (2) First Prize in the John Deere SMART Co-Creation Series Hackathon, 2017 (applied deep learning models and computer vision algorithms to identify downed or fallen crops (corn and wheat) due to wind or other reasons and the direction in which these crops fell).

SERVICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

(1) University Committees and University-Level Service

Reviewer of applications for Schwarzman Scholarships for the National and International Scholarships Program of UIUC (2016)
Reviewer of proposals for the University of Illinois Research Board (2014)

(2) College Committees and College-Level Service

Reviewer of pre-proposals for the NSF Research Traineeship (NRT) Program (2015)

(3) Departmental Committees

Chair, Promotion Committee for Julie Cidell (2017-018)
Member, Mentoring Committee for Chunyuan Diao (2017-present)
Chair, GIS Track (2015-present)
Member, Graduate Admissions Committee (2015-present)
Admission Committee, Professional Science Master's (PSM) in GIScience (2016)
Elected Member, Advisory Committee (2015-2016)
Member, Mentoring Committee for Shakil Bin Kashem (2015-present)
Member, GIS Position Search Committee (2015-2016)
Member, Promotion Committee for Dr. Marilyn O'Hara, Department of Pathobiology (2015)
Member, Awards Committee (2014-present)
Member, Mentoring Committee for Heath Robinson (2014-2015)

SERVICE AT THE OHIO STATE UNIVERSITY

(1) University Committees and University-Level Service

Search Committee for Vice President for Student Life, 2008.
Search Committee for Dean of the Graduate School, 2006.
Senator (Alternate), University Senate, 2003-2005.
Committee on Academic Misconduct, University Senate, 2003-2005.
Executive Committee, Women in Development, 2003-2005.
Delegate of OSU for the National Consortium on Remote Sensing in Transportation Flows (NCRST-F), 2000-present.

Delegate of OSU for the University Consortium of Geographic Information Science (UCGIS), 1995-1996, 1999- present.

(2) College Committees and College-Level Service

Program Committee, Health, Disease, and Environment in World History Program, Center for Historical Research, College of Arts and Sciences (2010-2012)
Executive Committee, Initiative in Population Research, 2009-2012.
Budget and Planning Committee, 2008-2011.
Behavioral Decision Making Coordinating Committee, 2006-2011.
Criminal Justice Research Center Oversight Committee, 2004-2011.
Public Policy Minor Oversight Committee, 2004-present.
History Cartographic Working Group, Institute for Collaborative Research and Public Humanities, 2005-2012.
Graduate Studies Committee, 2003-2011.
Coca Cola Critical Difference for Women Research Grants Review Committee, 2002-2003.
Undergraduate Public Policy Major Committee, 1999-2001.
Faculty Focus Group, Urban and Regional Analysis Initiative, 1999-2000.

(3) Departmental Committees

Personnel Committee, 2001-2004; 2008-2009; 2010-2012.
Chair, Graduate Studies Committee, 2003-2011.
Speakers Committee, 2002-2011.
Chair, Search Committee for the Cartography/GIScience Open Rank Position, 2004-2005
Search Committee for the Urban Geography Tenure Track Position, 2003-2004.
Search Committee for the Regional Economies Tenure Track Position, 2003-2004.
Ad Hoc Committee on the Review of the Urban and Regional Systems Concentration, 2003-2004.
Chair, Search Committee for the Geographic Information Science Tenure Track Position, 2002-2003.
Chair, Ad Hoc Committee on the Restructuring of the Statistics-GIS-Spatial Analysis Sequence, 2001-2002.
Promotion and Tenure Committee, 2001-2012.
Graduate Studies Committee, Department of Geography, 1998-2001.
Infrastructure Committee, Department of Geography, 1995-2011.

(4) Mentoring Activities

Professional Mentor, Retention Services Mentoring Program, Office of Minority Affairs, 2001-2002.
Faculty Adviser, Cantonese Student and Young Adult Fellowship, Office of Student Activities, 1999-2002.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Association for the Advancement of Science (AAAS) (2009-present)

Elected fellow

American Association of Geographers (AAG), Lifetime member

Royal Geographical Society, U.K. Elected fellow (2005-present)

Lifetime member

American Public Health Association (2014-present)

International Association of Chinese Professionals in Geographic Information Sciences (CPGIS)

Lifetime member; President (2014-15)

Society for Prevention Research (2010-present)

Population Association of America (2012-2014)