

Speaker Biographies

Teresa Adams is a Professor of Transportation Engineering and City Planning in the Department of Civil and Environmental Engineering at the University of Wisconsin–Madison, and is Executive Director and Principal Investigator of the National Center for Freight and Infrastructure Research and Education (CFIRE). She is also the principal investigator for the Mid-America Freight Coalition (MAFC) and Midwest Transportation Workforce Center (MTWC).

Dr. Adams has more than twenty-five years of research experience and is an expert in freight policy research. Dr. Adams also led the 21st Century Workforce Development Summit, an effort funded by Wisconsin DOT, one in a series of regional summits used to identify needs, set goals, strategies, and best practices across various transportation career paths. The regional summits culminated in the National Transportation Workforce Summit, which Dr. Adams also co-led in the spring of 2012 in Washington, DC.

Adams is also Chair of the Transportation Management and Policy graduate certificate program and a faculty affiliate of the Gaylord Nelson Institute for Environmental Studies. Adams holds a PhD and MS in civil engineering from Carnegie Mellon University and a BS in civil engineering from the University of Pittsburgh.

Katherine J. Curtis is Associate Professor in the Department of Community and Environmental Sociology at the University of Wisconsin-Madison. Curtis earned her PhD in Sociology at the University of Washington, where she trained in demography, social stratification, and research methods. She pursued additional training in spatial data analysis in her post-doctoral fellowship at the University of Wisconsin-Madison Center for Demography and Ecology. Curtis' faculty position is partially supported by UW-Extension to pursue applied demographic research. Thus, her work is centered in demography and extends to spatial, rural, and applied demography, and focuses on two central themes: investigating the population dynamics underlying stratification structures; and examining how the spatial and temporal contexts shape processes generating demographic change and associated inequality. Current projects focus on the spatial and temporal dimensions of the relationship between industry and poverty among US places; the implications of environmental events on migration patterns and associated inequality in the United States; and the development of new spatial tools for measuring neighborhood and contextual effects.

Tom Eggert has been at the forefront of business and sustainability for the last twenty years, both teaching classes in sustainability at the University of Wisconsin and founding and serving as the Executive Director of the Wisconsin Sustainable Business Council. During this time, Tom has also worked for the Wisconsin Department of Natural Resources, helping to develop their “beyond compliance” program. Tom taught the first classes on campus in sustainability and later led the development of the graduate certificate in Business, Environment and Social Responsibility (BESR) at the UW-Madison School of Business. He currently works with the Director of the Nelson Institute on building bridges between businesses and the Institute. His classes (for which he’s won several teaching awards) cross traditional boundaries and attract students from business, environmental studies, engineering, design and other programs on campus. He has written and spoken extensively on the changing role of business in society, corporate social responsibility, socially responsible investing, climate change, and on how the private sector can lead in responding to a resource constrained world.

In addition to his responsibilities with the University, Tom founded and leads the Wisconsin Sustainable Business Council. The Council developed and implements the Green Masters Program, sustainability recognition and benchmarking program for WI businesses, and coordinates the annual Wisconsin Sustainable Business Council Conference, now in its eighth year, and the Earth Day Sustainable Business Awards, now in their second year. Growing out of his interest in sustainability, Tom developed Wisconsin Microfinance and serves as the President of the Board. The money raised by Wisconsin Microfinance is provided to a non-profit in Haiti that ensures loans are made to worthy recipients in a small village outside the capitol. The program has been in existence since the Haiti earthquake in early 2010, and over 1000 loans have been made with no defaults.

Tom has a Law Degree from George Washington University in Washington D.C., a Masters in Public Administration from the La Follette Institute at the University of Wisconsin-Madison, and an undergraduate degree in Environmental Problems and Policies from the University of Wisconsin-Madison. Prior to returning to Wisconsin (where he grew up) in 1991, he served as a Special Assistant Attorney General in Montana, and, before that, as a Peace Corps volunteer in the Philippines.

Reid Ewing is a Professor of City and Metropolitan Planning at the University of Utah, associate editor of the Journal of the American Planning Association, and columnist for Planning magazine, writing the bi-monthly column Research You Can Use. Earlier in his career, he was director of the Voorhees Transportation Center at Rutgers University, research

professor at the National Center for Smart Growth, state representative from northwest Tucson, and analyst at the Congressional Budget Office. He holds master's degrees in Engineering and City Planning from Harvard University, and a PhD in Urban Planning and Transportation Systems from the Massachusetts Institute of Technology.

Ewing's work is aimed at planning practitioners. Ewing's eight books include *Pedestrian and Transit Oriented Design*, just co-published by the Urban Land Institute and American Planning Association; *Growing Cooler—Evidence on Urban Development and Climate Change*, published by the Urban Land Institute; and *Best Development Practices*, listed by the American Planning Association (APA) as one of the 100 "essential" books in planning over the past 100 years. His 70 peer reviewed articles include "Travel and the Built Environment: A Meta-Analysis," given the 2010 Best Article of the Year award by APA; "Relationship Between Urban Sprawl and Physical Activity, Obesity, and Morbidity," the most widely cited academic paper in the Social Sciences as of late 2005, according to Essential Science Indicators; and "Is Los Angeles-Style Sprawl Desirable?" listed by APA as a Classic Article in urban planning. A recent citation analysis by Virginia Tech found that Ewing's work is the sixth most highly cited among more than 850 planning academics in the United States.

Donna Friedsam has worked extensively on access to and financing of health care and the organization of delivery systems. She consults widely in the public and private sectors on state government programs and on reform initiatives. Ms. Friedsam directs the health policy group within the University of Wisconsin Population Health Institute. She leads a team of faculty and researchers evaluating Wisconsin's BadgerCare Plus—a combined Medicaid/CHIP health coverage program. She also oversees within her group the UW's Evidence-Based Health Policy Project, and the Covering Kids and Families program within the School of Human Ecology. Ms. Friedsam served previously as Executive Director of the Wisconsin Primary Health Care Association, Director of a managed care demonstration project, and manager of several projects supported by the Robert Wood Johnson Foundation, the federal Health Resources and Services Administration, and the Centers for Medicare and Medicaid Services. Ms. Friedsam holds a masters degree in public health policy and administration from the University of Michigan in Ann Arbor.

Peter Greenberg is a multiple, Emmy Award-winning investigative reporter, New York Times best selling author, and producer. Peter is the Travel Editor for CBS News and America's most recognized and respected front-line travel news journalist. Known as "The Travel Detective," Greenberg is the consummate insider on reporting the travel business as news. Greenberg hosts a television show, "The Travel Detective with Peter Greenberg," and also produces and co-hosts an ongoing series of acclaimed public television specials, "The Royal Tour," featuring personal, one-on-one journeys through countries with their heads of state. On radio he hosts the nationally syndicated show "Peter Greenberg Worldwide," broadcast each week from a different remote location worldwide. His website, PeterGreenberg.com, is one of the leading travel news resources for consumers and industry insiders alike. When he is not traveling the globe, Greenberg also serves as an active volunteer firefighter in New York.

Tracey Holloway is Professor of Environmental Studies at the University of Wisconsin-Madison and a leading expert on air pollution modeling and analysis. Dr. Holloway was hired at the University of Wisconsin in 2003 as part of the Energy Systems and Policy hiring initiative, with her appointment in the Nelson Institute for Environmental Studies, and affiliate appointments in Atmospheric & Oceanic Sciences, Civil & Environmental Engineering, and Mechanical Engineering.

Tracey Holloway completed a Bachelor of Science from Brown University in Applied Mathematics in 1995, and a PhD in Atmospheric and Oceanic Sciences from Princeton University in 2001. Her PhD work in atmospheric chemistry was based at the internationally recognized modeling research center, the NOAA Geophysical Fluid Dynamics Laboratory. While in graduate school, she also completed a certificate in Science, Technology, and Environmental Policy from the Princeton University Woodrow Wilson School of Public and International Affairs. Following her PhD, Holloway completed a two-year post-doctoral fellowship at Columbia University's Earth Institute.

Dr. Holloway is Deputy Leader of the NASA Air Quality Applied Sciences Team, and past research projects have been supported by NASA, the National Renewable Energy Laboratory, the National Institutes of Health, and the US Department of Transportation through the National Center for Freight and Infrastructure Research and Education (CFIRE). She is a 2011 Stanford University Leopold Leadership Fellow, and in 2012 Holloway was honored as a first-ever recipient of the MIT Clean Energy, Education & Empowerment Awards. Holloway served as Director of the Nelson Institute Center for Sustainability and the Global Environment (SAGE) from 2008-2011, a 65-person research laboratory that, at the time, hosted one of the largest student innovation competitions in the world. She serves on the executive board of *Environmental Research Letters*, a research journal published by the Institute of Physics in the United Kingdom. Holloway also is President and co-founder of the Earth Science Women's Network (ESWN), an international organization supporting early-career scientists.

Matt Kures is a Community Development Specialist with the University of Wisconsin-Extension Center for Community and Economic Development. He carries out the Wisconsin Idea by conducting applied research and educational programs that address regional economic analysis and geospatial analysis. Matt has researched and presented regional and community-level economic studies in communities both large and small across the state of Wisconsin. He has provided cutting edge research on Wisconsin's industrial clusters and the creative class economy. Matt was a regular contributor to the Capitol Region Business Journal and his work is featured in numerous other business and economic development publications. He has presented or authored over a dozen papers addressing regional economics and geographic information systems. Matt was named to the prestigious "Madison's 40 Under 40" by In Business magazine. He and his Center colleagues were also recognized with the 2009 Chancellor's Award for Excellence in Civic Engagement. Matt earned a bachelor's degree in Geography from UW-Madison and is currently completing a master's degree, also in Geography, at UW-Madison. Matt has worked in the Center since 2001. He resides in Madison, Wisconsin and enjoys biking and raising his two young children.

Greg Lawless earned a BA in Political Science at the University of Illinois in 1989 and an MS in Land Resources at University of Wisconsin-Madison in 1994. He worked for thirteen years in cooperative development at the UW Center for Cooperatives. In 2005 he became Co-Director of UW-Extension's Agricultural Innovation Center, supporting a statewide network for agricultural entrepreneurs. In 2008, Thrive, an economic development organization serving South Central Wisconsin, contracted with UW Extension to enlist Greg as their Director of Agriculture Initiatives, where he developed and launched a "buy local" campaign in supermarkets and a regional network of food business incubators. Since 2011 he has co-managed a national research and extension project connecting agriculture and food security in American cities, in partnership with UW-Madison and Growing Power, Inc. of Milwaukee. He serves on the Board of Directors of the Urban Economic Development Center and is involved with the start-up of the Institute for Urban Agriculture and Nutrition, both based in Milwaukee.

Rebecca Lewis is an Assistant Professor in Planning, Public Policy and Management at the University of Oregon. She is a faculty affiliate of the National Center for Smart Growth Research and Education at the University of Maryland. Dr. Lewis was a 2010 Lincoln Institute of Land Policy C. Lowell Harriss Dissertation Fellow and received 2012 Barclay Gibbs Jones Award for the Best Dissertation in Planning from the American Collegiate Schools of Planning for her dissertation evaluating the efficacy of smart growth in Maryland. Her research broadly focuses on state land use policy, local comprehensive plan quality, state and local finance and measuring urban form. She is currently working on two projects funded by the National Institute for Transportation and Communities: "Assessing State Efforts to Integrate Transportation, Land Use and Climate Change" and "Metropolitan Centers: Evaluating local implementation of regional plans and policies." Her research has been published in peer-reviewed journals including the Journal of the American Planning Association, State and Local Government Review, and the American Journal of Public Health.

Donald Moynihan is Professor of Public Affairs at the La Follette School of Public Affairs, University of Wisconsin-Madison. His research examines the application of organization theory to public management issues such as performance, budgeting, homeland security, election administration, and employee behavior. In particular, he studies the selection and implementation of public management reforms. He is a fellow of the National Academy of Public Administration. In 2014, Moynihan was awarded the Kershaw Award, which is provided every two years by Mathematica and the Association of Public Policy and Management to one scholar under the age of 40 for outstanding contributions to the study of public policy and management.

Kurt Paulsen joined the UW-Madison Department of Urban and Regional Planning in 2006, after serving for 3 years as Assistant Professor and undergraduate program director in the Department of Community and Regional Planning at Temple University. Professor Paulsen holds an affiliate appointment with the Nelson Institute for Environmental Studies, where he also serves on the faculty governance committee of the Transportation Management and Policy certificate program. Professor Paulsen is a member of the "Land Use Cluster" faculty hiring initiative. His research interests are in land use planning, land use change, housing, public finance, and intergovernmental relations. At Wisconsin, he has taught courses in local government comprehensive planning, housing, planning history, and a planning workshop.

Professor Paulsen's research has been funded by the Lincoln Institute of Land Policy, EPA, NASA, and 10,000 Friends of Pennsylvania. Professor Paulsen completed his PhD in Urban Planning and Policy Development at the Edward J. Bloustein School of Planning and Public Policy at Rutgers, The State University of New Jersey. He was awarded the Barclay Gibbs Jones Award for Best Dissertation in the field of Planning by the Association of Collegiate Schools of Planning. He holds masters degrees in Agricultural and Applied Economics and Development Policy and Public Administration, both from the University of Wisconsin. His undergraduate degree is from Northwestern University in Economics, Political Science and Urban Studies. He has also studied at Moscow State Linguistic University.

Ernie Perry is the program administrator and facilitator for the Mid-America Freight Coalition (MAFC) and a research project manager for the National Center for Freight and Infrastructure Research and Education (CFIRE) at the University of Wisconsin-Madison. In his capacity with the Coalition, Perry works to support and advance freight development, multi-state cooperation in the ten Mid-America states and innovative freight research. He has more than twenty years of public-sector transportation experience in freight planning, research, environmental impact assessment, and administration. Perry works closely with freight leadership at state transportation agencies, and with state economic development agencies, communities, and private sector freight stakeholders, as well as with AASHTO, FHWA, and MARAD to advance freight policies and programs that are aligned with local, state and regional needs and goals. He is a member of the Wisconsin Freight Advisory Committee, the Minnesota Freight Planning Advisory Committee, and a member of the Marinette/Menominee Area Maritime Security Committee. Perry holds a PhD in rural sociology from the University of Missouri-Columbia.

Ian M. Robertson is the Dean of the College of Engineering and a professor in Materials Science and Engineering at the University of Wisconsin-Madison. Prior to this he was a faculty member in the Department of Materials Science and Engineering at a Donald B. Willett professor of engineering at the University of Illinois and served, 2011-2013 as the Director of the Division of Materials Research at the National Science Foundation. He joined the University of Illinois in 1982 as a post-doctoral fellow and was appointed as an assistant professor in 1984, associate professor in 1989, professor in 1995, and served as Head of the Department from 2005-2009. He received a B.Sc. degree (first class) in Applied Physics from Strathclyde University, Glasgow Scotland in 1978 and his D.Phil (Metallurgy) from the University of Oxford in 1982. He is a member of TMS, MRS, AAAS and a fellow of ASM. His research focuses on the use of the electron microscope as an experimental laboratory in which dynamic experiments can be conducted to reveal the atomistic processes responsible for the macroscopic response of a material. He has applied this technique to enhance our understanding of the reaction pathways and kinetics that occur during deformation, phase transformation, irradiation and hydrogen embrittlement of metallic materials. His insight to the mechanisms responsible for hydrogen embrittlement of metals was recognized by the Department of Energy in 1984 when he, along with Howard Birnbaum, received the DOE prize for Outstanding Scientific Accomplishment in Metallurgy and Ceramics. In 2011, he received the DOE EE Fuel Cell Program award for contributions to our understanding of mechanisms of hydrogen embrittlement. He was selected as the 2014 recipient of the ASM Edward DeMille Campbell Memorial Lectureship. He was a Principal Editor for the Journal of Materials Research from 1995-2011, and a Key Reader for Metallurgical Transactions from 1994 to 2011, and in 2009 become a member of the editorial board of Microscopy Today and Editor-in-Chief of the review journal Current Opinion in Solid State and Materials Science.

Jean-Paul Rodrigue received a PhD in Transport Geography from the Université de Montréal in 1994 and has been a professor at Hofstra University since 1999. Dr. Rodrigue's research interests mainly cover the fields of transportation and economics as they relate to logistics and global freight distribution. Specific topics over which he has published extensively cover maritime transport systems and logistics, global supply chains, gateways and transport corridors. He has authored five books, twenty-five book chapters, more than forty peer reviewed papers, numerous reports, and delivered more than 140 conferences and seminar presentations, mostly at the international level. His paper about port regionalization became the world's most cited paper in maritime transport.

Dr. Rodrigue developed a widely used online reference source about transportation which became a textbook, The Geography of Transport Systems, now in its third edition. He is also on the international editorial board of the Journal of Transport Geography and the Cahiers Scientifiques du Transport, acts as the Van Horne Researcher in Transportation and Logistics (University of Calgary). He is a lead member of the PortEconomics.eu initiative regrouping the world's leading maritime transport academics and performs advisory and consulting assignments for international organizations and corporations. Dr. Rodrigue is a member of the World Economic Forum's Council on the Future of Manufacturing and a board member of the Canadian Transportation Research Forum as well as of the International Association of Maritime Economists. In 2013, the US Secretary of Transportation appointed Dr. Rodrigue to sit on the Advisory Board of the US Merchant Marine Academy.

David Rothamer is an associate professor in the Mechanical Engineering department at the University of Wisconsin-Madison. He is a principal investigator in the Engine Research Center (ERC), an internationally renowned center focusing on the study in internal combustion (IC) engines, and is also a member of the Great Lakes Bioenergy Research Center, a DOE funded bioenergy research center focused on basic research related to biofuels technologies. Professor Rothamer's research and publications are focused on problems involving fluid mechanics, chemical kinetics, and combustion, including: the design of alternative fuels and impact of fuel chemistry and properties on IC engine performance and emissions, understanding the fundamental mechanisms of soot formation in IC engines, and designing and applying advanced laser-based imaging diagnostics to study fundamental combustion problems and practical combustion systems.

Jamie Schauer is a Professor at the University of Wisconsin-Madison in the College of Engineering and serves as the programmatic lead for research at the Wisconsin State Laboratory of Hygiene. Dr. Schauer received his PhD in Environmental Engineering Science from the Caltech, his MS in Environmental Engineering from the UC-Berkeley and his BS degree in Chemical and Petroleum Refining Engineering from the Colorado School of Mines. Dr. Schauer's research focuses on the use of advanced chemical and biological analysis and sampling techniques to understand the origin and impacts of air pollutants. He has active research in the areas of urban air pollution, air pollution in developing countries, the effects of air pollution on human health, and global climate change. Dr. Schauer has authored and co-authored more than 250 peer reviewed manuscripts in leading environmental science, environmental engineering, and air pollution journals.

Scott Spak is an Assistant Professor holding joint appointments with Urban and Regional Planning, Civil and Environmental Engineering, and the Environmental Policy Program at the Public Policy Center at the University of Iowa. He teaches courses on US and international environmental policy, dynamic systems modeling, and urban growth. Spak develops and applies numerical models to study the intersection between human activities and environmental change. His research informs decision-making by identifying tipping points in linked Earth systems, including atmospheric aerosols, chemical pollution, and regional climate; understanding the roles of technology, policy, and societal change in projecting future human impacts on the environment; and developing new ways to embed Earth System modeling in environmental policies and urban planning. His research interests include aerosol impacts on the climate, high resolution coupled earth and human systems modeling, effects of urban form and policy on air quality, and air toxics. He received his AB in engineering sciences from Dartmouth in 2000, and his PhD in Atmospheric and Oceanic Sciences from the University of Wisconsin-Madison in 2009.

Steve Steinhoff is Director of Community and Regional Development Planning for the Capital Area Regional Planning Commission (CARPC) for the Madison, Wisconsin region. Recently Steve served as lead staff for Capital Region Sustainable Communities (CRSC), a regional collaboration for sustainable development. He brings twenty-five years of professional planning and community development and planning experience to the initiative, including comprehensive planning, disaster recovery planning, and developing and managing programs on infill development, downtown revitalization, affordable housing and economic development in the public and private sectors. Previously, Steve initiated and managed CDBG, HOME and Revolving Loan Fund programs for Dane County. As founding Director of the Neighborhood Design Center, Steve brought interactive design workshops to Madison area communities and projects, and served as lead author for the book, "Great Neighborhoods: How to Bring Them Home." Prior to his work in Madison, he managed and expanded a recycling business for Bethel New Life, a not-for-profit community development corporation on the west side of Chicago. Steve received his masters degree in Urban Planning and Policy from the University of Illinois at Chicago.

Ann Terlaak is an Associate Professor at the Wisconsin School of Business at the University of Wisconsin-Madison. Ann's research and teaching interests center on the role of organizational learning and adaptation in the context of sustainability. Her research has been published in top tier academic management journals and recognized with the 2010 Erwin Gaumnitz Distinguished Junior Faculty Research Award from the Wisconsin School of Business and the 2009 Emerging Scholar Award from the Academy of Management. Ann serves as the director of the business school's Graduate Certificate in Business, Environment and Social Responsibility. She received her PhD from the Bren School of Environmental Science and Management at the University of California, Santa Barbara in 2002.

Jason Vargo, PhD has a background in urban environmental planning and public health. His focus is the impact of urban form and planning decisions on the environment and human health. His publications cover topics such as the health effects of climate change in urban areas and the influence of urban design on routine physical activity. Jason's contributions to the field also include calls to increase the consideration of cities in environmental studies. Vargo's work and ideas have appeared in peer-reviewed publications, books, and in popular media including Huffington Post, Scientific American, TEDx, and Smithsonian Magazine.

Ken Voigt is a professional engineer (PE) with Ayres Associates, an adjunct professor at the University of Wisconsin-Madison, and the Executive Director of the Great Lakes Transportation Enterprise Institute. Mr. Voigt has more than 45 years of experience in traffic engineering and transportation system planning. He has worked on major traffic studies for projects that include National Airport in Washington, D.C.; Miller Park home of the Milwaukee Brewers, the City of Charlotte Street Design Guidelines; the Madison, Wisconsin Congestion Management Plan; numerous ITS architecture and incident management plans; parking and pedestrian safety studies; and major environmental corridors nationwide. He teaches environmental impacts of transportation and traffic engineering courses at the University of Wisconsin-Milwaukee and intersection design, safety, traffic impact, traffic calming and pedestrian courses for the University of Wisconsin Engineering Extension. Mr. Voigt's experience specializes on public involvement for large, complex corridor projects ranging from capacity improvements to roundabout evaluations, along with his common-sense approach to

street design that recognizes traffic, pedestrian, transit and bicyclist needs. He holds a BS in Civil Engineering from the University of Wisconsin-Madison and a MS in Transportation Engineering from the University of Wisconsin-Milwaukee. He is also a registered Professional Engineer in Wisconsin.

Ben Zietlow has served as a Geoeconomist at the National Center for Freight and Infrastructure Research and Education (CFIRE) since 2012. His educational background includes a BS in economics from the University of Wisconsin-La Crosse, and a MS in geographic information science (GIS) from Saint Mary's University of Minnesota. Previous work at CFIRE includes economic analysis for the Mid-America Freight Coalition's Regional Freight Study and the Wisconsin Commercial Ports Development Initiative. Zietlow and has also served on Minnesota DOT's Integrating Freight in Statewide Planning and Programming Study steering committee and on the project panel for NCHRP 08-36 Task 119: Transportation Users Guide to the Economic Census. Prior to CFIRE, he worked on road construction and commercial building projects as a surveyor for La Crosse Engineering & Surveying Co., and as a Trader's Assistant on Robert W. Baird's Institutional Equity Trading Desk in Milwaukee, Wisconsin.