

2010 Oregon Transportation Summit
Speaker Bios – Updated August 12th

Scott Ashford (A2: Resilient Infrastructure) is a Professor of Geotechnical Engineering and the School head of Civil and Construction Engineering at Oregon State University. His research and interests focus on enhancing public safety and reducing potential economic loss worldwide from earthquake and coastal hazards through cross-disciplinary research in earthquake and coastal engineering, focusing on full-scale modeling of soil-foundation-structure interaction, seismic site response, coastal erosion, and slope stability. He earned a Ph.D. and M.S. in Civil Engineering (Geotechnical Specialty) from the University of California, Berkeley and a B.S. from Oregon State University.

Kathryn Brotherton (A3: TPR Cagematch) recently joined the City of Eugene as in-house legal counsel where she specializes in advising the City on transportation matters, including transportation planning rule compliance and access management. In addition, Kathryn provides legal advice on a wide variety of topics, ranging from public records law to fire code enforcement. Immediately prior to going in-house with the City, Kathryn was a partner at the Harrang Long Gary Rudnick law firm, specializing in municipal law and representing numerous cities and local governments. Before joining Harrang Long in 2001, Kathryn was a litigation associate with a small law firm in Oregon, defending cities and counties throughout the state in civil lawsuits, specializing in excessive use of force and First Amendment cases. Immediately following law school, in 1997 Kathryn was law clerk for the Alaska Supreme Court.

Josh Bruce (A2: Resilient Infrastructure) is a skilled project manager with experience in zoning administration, entitlements, site design, green building and sustainable business practices. His primary research interests include the impact of climate change on land use patterns and the nexus between sustainable development approaches and post-disaster recovery planning. Josh received an undergraduate degree in Psychology from the University of California Davis in 1996 and a Masters Degree in Community and Regional Planning from the University of Oregon in 2002. Prior to joining OPDR, Josh worked most recently for Rainbow Valley Design and Construction where he managed the company's design/build division and coordinated the company's planning, development and green building certification projects. Josh currently serves on the City of Eugene Sustainability Commission and chairs the University of Oregon's Planning, Public Policy and Management Department Advisory Council.

Coleen Clementson (B3: Transportation Governance) has more than 20 years of experience in public sector land use and transportation planning in the San Diego region. She has extensive experience in public involvement through preparation and implementation of several large-scale long range planning and policy documents and smaller-scale neighborhood revitalization plans. Currently, Ms. Clementson is Principal Regional Planner with the San Diego Association of Governments (SANDAG) focusing on better connecting local land use plans with regional transportation investments. Her work includes oversight and implementation of the Regional Comprehensive Plan, the *Blueprint* plan for the San Diego region which is based upon smart growth and sustainable development principles. In this role she oversees a number of programs including the SANDAG Active Transportation Planning and the \$280 million Smart Growth Incentive Program. Ms. Clementson will be leading efforts to prepare a Sustainable

Communities Strategy, in accordance with California's new climate change legislation, Senate Bill 375, for the SANDAG 2050 Regional Transportation Plan, slated for adoption in July 2011.

Kelly Clifton (A4: Livability in Small Communities with No Money) is an Associate Professor Civil Engineering at Portland State University. She conducts research and teaches courses in various aspects of transportation planning and policy, including: travel behavior, land use and transportation, physical activity and health, and non-motorized modes. Clifton has developed a pedestrian demand model, MoPeD as well as PEDS, an audit tool to evaluate microscale features of the pedestrian environment. Prior to her appointment at Portland State University, Dr. Clifton held academic positions at the University of Maryland and the University of Iowa. She has a Ph.D. in Community and Regional Planning from the University of Texas at Austin, and M.S. in Planning from the University of Arizona and a B.S. in Mechanical Engineering from West Virginia University.

Rita Conrad (A1: Data and Decision-Making) is Metro's project manager for the Greater Portland-Vancouver Indicators Project. Her career path spans nearly two decades of public policy work, primarily in the field of health. She has been active in helping Oregon state agencies and other partners align their work to the statewide goals, such as in 2002 when she wrote the state's performance measure guidelines and helped 90 state agencies link their performance measures to Oregon Benchmarks. The guidelines were included in the state's budget instructions in the 2003, 2005 and 2007 budget cycles. Rita is a Senior Fellow of the American Leadership Forum. She has an undergraduate degree in zoology and a graduate degree in health planning, both from the Ohio State University.

Bob Cortright (A3: TPR Cagematch and B1: The Changing Climate of Transportation Planning) is Transportation Growth Management Program Coordinator, Oregon Department of Land Conservation and Development. Bob is the staff lead for DLCD on transportation planning issues.

Christopher Garlick (A5: Go Go Gadget Gadgets!) is a consultant at PBS&J currently assigned as the Toll Operations Program Manager for the Florida's Turnpike Enterprise where he oversees over \$200M of toll technology projects. Chris responsibilities include the day to day oversight of projects that implement products that collect and process toll revenue for the Florida's Turnpike. Chris is also responsible for recommending and implementing innovative and emerging products, technologies, and increase efficiency's in work flows that add customer value and reduce operations costs. Chris is a registered professional engineer, project management professional and certified systems engineering professional. Chris is also currently a Masters of Systems Engineering student at Portland State University.

Brian Gregor (B1: The Changing Climate of Transportation Planning) is a senior transportation analyst for the Oregon Department of Transportation where he has worked for over 20 years. Brian has a background in both transportation engineering and land use planning. He is a registered professional traffic engineer in Oregon and works on the development and application of transportation and land use models at ODOT. He also has a master's degree in urban and regional planning from the University of Oregon and has worked as a local land use planner and as a transportation and land use planner at

ODOT on tasks ranging from transportation project development to statewide land use and transportation policy development. Brian is the developer of the GreenSTEP model, a statewide model for analyzing the effects of statewide transportation and land use strategies on greenhouse gas emissions.

Stephen Griffith (B3: Transportation Governance) is a partner with Stoel Rives LLP and a member of the City Club of Portland where he is Chair of the Regional Transportation Governance Research Committee. In his legal career, he has held positions with the Oregon House of Representatives, the United States District Court in Portland, the US Attorney's Office in New York and the Legal Services Corporation in Washington, D.C. He earned his JD from Stanford Law School, a Master of Philosophy in Politics from Oxford University, and a B.A. from Harvard College.

Peter Hessler (Keynote) is a staff writer at *The New Yorker*, where he served as the Beijing correspondent from 2000 to 2007, and is also a contributing writer for *National Geographic*. He is the author of *River Town*, which won the Kiriya Book Prize, and *Oracle Bones*, which was a finalist for the National Book Award. He won the 2008 National Magazine Award for excellence in reporting. *Country Driving*, the third book in Hessler's China trilogy, addresses the human side of the economic revolution in China, focusing on economics and development, and shows how the auto boom helps China shift from rural to urban, from farming to business.

Steve Hill (A5: Go Go Gadget Gadgets!) is a Client Representative with IBM Corporation in Salem. He is responsible for IBM's business relationship with state and local government agencies in Oregon. He is focused on leveraging IBM's expertise with traffic congestion projects in Stockholm, London and Singapore, into emerging projects for demand management and dynamic pricing in Oregon. He joined IBM over 32 years ago after completing his B.S. at Oregon State University.

Kate Hunter-Zaworski (A5: Go Go Gadget Gadgets!) is both a Rehabilitation and a Transportation Engineer. Dr. Hunter-Zaworski's research experience integrates biomechanics and ergonomics with rehabilitation and transportation engineering. For the past 25 years, she has been focused on the development of safe, seamless and dignified accessible transportation systems for people with disabilities. Currently, she is the director of the National Center for Accessible Transportation and the Rehabilitation Engineering Research Center for Accessible Public Transportation. The main research and development projects are related to improving access to inter-city public transportation by people with mobility, sensory and cognitive disabilities. Dr. Hunter-Zaworski is the co-chair of the Transportation Research Board Committee on Accessible Transportation and Mobility (ABE60). She is a registered Professional Engineer and an Associate Professor of Transportation Engineering.

Bruce Johnson, P.E. (A2: Resilient Infrastructure) is the State Bridge Engineer in Oregon, a position he has held since September 2004. He supervises 51 people in bridge design, standards, operations, inspection, major bridge maintenance, load rating, bridge management, and preservation. Prior to that, he was the Division Bridge Engineer, for Federal Highway Administration in Oregon from October 1988 to September 2004. He worked in various positions with FHWA in Oregon, Nevada, Kansas, Colorado,

Indiana, and Iowa from 1975-1988. Bruce is the chair or vice-chair of several AASHTO and TRB committees and has received a number of awards, including FHWA's Engineering Excellence Award in 2001. He holds an M.S. in Structural Engineering from Iowa State University and a B.S. from Cal Poly State University.

Joe Jones (B2: Practical Design) is the Engineering Policy Administrator for MoDOT and is responsible for developing and publishing the state's transportation standards. In 2005, the Chief Engineer charged him with the implementation of Practical Design as the department's business philosophy. He has spoken extensively on the subject and, earlier this year, published an article in *Public Roads*. In addition to his work with Practical Design and Standards, Joe's emphasis area is roadside safety. He serves on the AASHTO Technical Committee for Roadside Safety, 2 TRB panels, and the Midwest States Pooled Fund. He is often called upon to provide expert witness in cases involving roadway departure. Jones is a 1992 graduate of the University of Missouri-Rolla with a B.S. in Civil Engineering and is a Registered Professional Engineer in the state of Missouri. He, along with his wife and 5 children, reside in Jefferson City, Missouri.

David Kim (A6: Go Go Gadget Gadgets!) is an Associate Professor of Industrial and Manufacturing Engineering at Oregon State University. His research interests include applied operations research, production system design and optimization, performance evaluation of production systems, scheduling heuristics, discrete event dynamic systems, and facility layout of engineering organizations. He holds a Ph.D., M.S., and B.S. from the University of Michigan, Ann Arbor, as well as a B.S. from UCLA.

Tom Kloster (A3: TPR Cagematch) is a native of Portland, Oregon, and has worked as a city planner in the Portland area for more than twenty years. Since 1993, he has worked for Metro, where he was part of the core team that developed the Region 2040 Growth Concept (1993-95), and was project manager for Metro's Creating Livable Streets (1997) and Green Streets (2002) initiatives, as well as the 2000 Regional Transportation Plan. Since 2001, Tom has managed the region's overall transportation planning program, which covers all aspects of Metro's responsibilities as a Metropolitan Planning Organization (MPO) under federal statute. Tom has presented technical papers at national and international conferences, and has served on Transportation Research Board (TRB) review panels. He is also a regular guest lecturer at Portland State University's College of Urban and Public Affairs, and an active mentor for new professionals entering the field of urban planning. Tom earned a Bachelor of Science degree in Geosciences at Oregon State University (1984) and a Masters degree in Urban Planning at Portland State University (1986). In 1990, he was certified by the American Institute of Certified Planners (AICP) and is an associate with the Institute of Transportation Engineers (ITE).

John MacArthur (B6: Are You Charged Up about Electric Vehicles?) is the Sustainable Transportation Program Manager for the Oregon Transportation Research and Education Consortium, a national university transportation center based at Portland State University. Mr. MacArthur's role is to develop, direct and manage the strategic direction for OTREC's climate and sustainable transportation initiatives. He is active in research related to sustainable transportation, particularly in the areas of electric vehicle infrastructure, the relationship between transportation and public health, and performance

measurement. Mr. MacArthur is OTREC's lead on the Transportation Electrification Initiative and is currently involved in a number of EV research and education activities. He has worked over 15 years in the environmental and sustainability field. He earned a B.S. in Civil Engineering from Lehigh University and his M.S. in Environmental Health Sciences from the University of Michigan, School of Public Health.

Robin McArthur (B1: The Changing Climate of Transportation Planning) is the Planning and Development Director at Metro, where she has worked since 2005. She directs long range land use, transportation system planning, and downtown and mainstreet development and redevelopment initiatives in the Portland metropolitan area. Previously, she worked for the Oregon Department of Transportation, the City of Portland, and as Land Use and Transportation Advisor to Oregon's Governor Kitzhaber from 1995 to 2003. She holds a Master of Urban and Regional Planning from George Washington University and a Bachelor of Science in Natural Resources from the University of Michigan.

Terry Moore, FAICP (Plenary Session) has been a vice president and senior planner at ECONorthwest since 1979. He has managed over 400 projects in land-use and transportation planning, policy analysis, and market analysis for private and public clients. His recent projects have focused on growth management, the interaction between land-use and transportation policies, and strategic planning for public facilities and services. Moore is an adjunct professor in the Department of Planning, Public Policy, and Management at the University of Oregon, where he has taught for over 20 years. He was a Fulbright Scholar on natural-resource management and urban planning in Peru from 1986 to 1987. In 1994, his book with Paul Thorsnes, *The Transportation/Land Use Connection*, was published by the American Planning Association. Moore was also a co-recipient of the American Planning Association's 1996 Current Topic Award for Transportation Planning

Cathy Nelson (B2: Practical Design) has been working for the Oregon Department of Transportation for 29 years. She holds a Bachelor's Degree in Civil Engineering and is a registered Professional Engineer in Oregon. Her work background includes management of the Metrication and Value Engineering Programs, management of Performance Measurement Program for Highway Regional Operations, Designer in Bridge Engineering, Bridge Design Team Manager and Roadway Engineering Manager. She has served in her current position, Technical Services Manager/Chief Engineer since October 2001. She is a member of 3 AASHTO committees as well as NCHRP Project 20-5: Synthesis of Highway Practice.

David Porter (A5: Go Go Gadget Gadgets!) is an Associate Professor of Industrial and Manufacturing Engineering at Oregon State University. His research interests include information systems engineering, wireless communications, intelligent transportation systems, automatic data collection, manufacturing systems, supply chain engineering, e-commerce. He holds a Ph.D. and M.S. in Industrial Engineering from the University of Pittsburgh, an M.S. from the Instituto Tecnológico y de Estudios Superiores de Monterrey, and a B.S. from Universidad Autónoma de Nuevo León.

Lidwein Rahman (A3: TPR Cagematch) is a Principal Planner with ODOT Region 1, where she is the go to person for TPR- and OHP-related policy issues. Lidwein is the team leader for long-range planning and for the Transportation and Growth Management Program at Region 1. She was the lead person

for ODOT's participation in the 2035 Metro RTP. As TGM grant Manager she has participated in numerous TSPs, modal plans, corridor plans, streetscape plans, and mixed-use center plans implementing the Metro 2040 Growth Concept. Prior to coming to ODOT in 1991, Lidwien worked for David Evans and Associates, the City of Portland Bureau of Planning, and 1000 Friends of Oregon. Lidwien has a Master's degree in Planning from the University of Amsterdam in the Netherlands, where she grew up.

Joshua Schank (Plenary Session) joined the National Transportation Policy Project in 2007. He is an urban planner who has been working on federal and state transportation policy for the last ten years. Joshua previously worked as a consultant with Parsons Brinckerhoff, one of the world's largest transportation planning and engineering firms. He was also the Transportation Policy Advisor to Senator Hillary Clinton, working on the most recent reauthorization of the surface transportation bill (SAFETEA-LU). Joshua has also worked as an analyst at the U.S. Department of Transportation Office of the Inspector General, and as a transportation planner at the Metropolitan Transportation Authority in New York City. Joshua has a Ph.D. in Urban Planning from Columbia University, a Master of City Planning from the Massachusetts Institute of Technology, and a B.A. in Urban Studies from Columbia University. He has published numerous articles on transportation policy and planning, and his first book - All Roads Lead to Congress: The \$300 Billion Fight over Highway Funding - was published in October 2007.

Mike Slater (B4: Transportation Implications of Brownfields) is a Brownfields Project Officer working with state, tribal and local governments to assess, cleanup, and bring contaminated properties back into productive use for the surrounding communities. He started with EPA Region 10 in Seattle in 1985 and has worked on Superfund, RCRA Hazardous Waste and Brownfields projects. Mike moved to the Oregon Office in 1997 and helped launch the Portland Brownfields Showcase Program in addition to supporting the growth of Brownfields grant projects all around Oregon.

Roxi Thoren (B4: Transportation Implications of Brownfields) holds a joint appointment in the departments of architecture and landscape architecture. She teaches courses in urban design, microclimate design, and design studio that bridge the two disciplines. She has worked for architectural firms in Boston, Charlottesville, and Philadelphia, and has professional experience in grayfields redevelopment, urban design, and housing at a variety of scales. Professor Thoren's work explores the reciprocity of community identity and physical environment. Her work analyzes a site's physical, ecological and cultural structure to inform the design of places that express and enhance the lives of their residents, perform ecologically, and respond to the changing demands of communities over time. Thoren's current research includes a study of the architectural potential of landscape analysis, through contemporary Icelandic case studies. Thoren is a Fulbright Scholar, and a recipient of scholarly and design awards including Council of Educators in Landscape Architecture paper of the year and design awards from the American Society of Landscape Architects and the Council of Landscape Architectural Registration Boards. She holds an M.L.A and an M.Arch from the University of Virginia and a B.A. from Wellesley.

Kristin Tufte (A1: Data and Decision-Making) is a Research Assistant Professor at Portland State University, with a joint appointment in Computer Science and Civil and Environmental Engineering. Dr. Tufte manages PORTAL—the official Archived Data User Service (ADUS) for the Portland-Vancouver metropolitan region. In addition, she leads projects on data quality, arterial data fusion, and advanced data stream systems. Her goals include applying her expertise in data management to problems in Intelligent Transportation Systems. Dr. Tufte has a Ph.D. in Computer Science from the University of Wisconsin–Madison and a B.A. in Mathematics from St. Olaf College and has worked at the Intelligent Transportation Systems Lab at Portland State University since 2005.

Beth Wemple (B2: Practical Design) is an Associate Engineer with Kittelson & Associate. She has worked for KAI for 16 years. Recently she has focused on safety related work. Specifically she was the Project Manager NCHRP 17-36: *Production of the First Edition Highway Safety Manual*. This manual to be published by AASHTO in June of 2010 will be a first of its kind manual providing methods quantifying safety. Beth's academic background is in civil engineering, with masters degrees in transportation engineering and city planning from UC Berkeley. She is a professional engineer in California, Oregon and Florida

Gordon Zimmerman (B4: Transportation Implications of Brownfields) has been the City Administrator in Oakridge for 6½ years. His public sector work as a city manager spans 18 years serving small cities in rural Oregon including Nyssa, Vernonia, and Baker City. He was elected to the school board in Hillsboro for four years. He also spent 15 years working as a manager in the private sector for ESCO Corporation in northwest Portland and Danville, Illinois. Gordon and his family of seven children, the youngest still at home and three in college, greatly enjoy the Pacific Northwest. Gordon is a native Oregonian having been born and raised in Clackamas County. Gordon graduated from BYU in 1974 and from Northwestern University in 1976 with a MBA.