

## Panelist Bios

**Thomas G. Bobick**, Safety Engineer, Division of Safety Research with NIOSH has been employed with the federal government for 42 years – 19 with the Bureau of Mines and 23 with NIOSH. His Bachelor's degree is in Mining Engineering from Penn State. He has a Master's degree in Industrial Hygiene from the University of Pittsburgh, and his Doctoral degree from West Virginia University is in Industrial Engineering, specializing in Ergonomics. He is a registered Professional Engineer in Pennsylvania, and he is a Certified Safety Professional and a Certified Professional Ergonomist. For the past 10 years he has been working in the area of preventing falls from elevations, and is part of the team of three who have developed the NIOSH guardrail system.

**Gary Fore** recently retired as Vice President, Environment, Health, and Safety after a long career with the National Asphalt Pavement Association. He holds a Master of Science In Chemical Engineering degree from NC State University and Master of Public Health degree from the University of Southern California. His 43 year career includes numerous citations for excellence in leadership relating to various government, industry, labor and academia partnerships in the health, safety, environment, and small business arena. Most recently he was cited by Engineering News Record as one of the *Top 25 Newsmakers of the Year* for his leadership in the Silica/Asphalt Milling Machine Partnership. Currently he continues to work part time as a consultant to various government, industry, labor, academia partnership efforts.

**Dr. Jim Platner** is Associate Director of the CPWR Center for Construction Research and Training, a non-profit affiliated with the Building and Construction Trades Department, AFL-CIO. CPWR is the current NIOSH National Center for Construction Research. He holds a BS in Biophysics from the Johns Hopkins University, a PhD in toxicology and radiation biology from the University of Rochester School of Medicine. He is certified by the American Board of Industrial Hygiene, and a Fellow of the American Industrial Hygiene Association. He previously directed Occupational Safety and Health Extension programs at Cornell University. In his current post, he is actively involved in initiatives related to construction occupational safety and health research and education across the US. Before college, Jim also worked as a Rigger at Bethlehem Steel's Baltimore Ship Repair Yard, and in the merchant marine as a member of the Seafarers' International Union (SIU). Jim is currently a member of the NIOSH Construction Sector Council, and was recently appointed to the NIOSH Board of Scientific Counselors.

**Bob Randolph** is an industrial psychologist and manager of the Hearing Interventions Team at the NIOSH Office of Mine Safety and Health Research. He has an M.S. degree in Organizational Behavior and Theory from Carnegie Mellon University. He has been researching behavioral and psychological aspects of mining safety and health since 1986, and his publication topics include internet-based training, worker reactions to automation, and worker involvement in innovation. He currently leads a research team investigating new procedures and technologies to solve long-standing behavioral issues with effective use of noise controls and other protective technologies to prevent noise-induced hearing loss.

**Dr. Rempel** is a Professor of Medicine at the University of California, San Francisco in the Division of Occupational Medicine as well as an Associate Professor of Bioengineering at the University of California, Berkeley. He is a Fellow of the American College of Occupational and Environmental Medicine, a Fellow in the American College of Physicians, and a Certified Professional Ergonomist.

Dr. Rempel has conducted studies of carpal tunnel syndrome among postal workers, VDT operators, grocery workers and plumbers. He is currently studying musculoskeletal disorders associated with keyboard and computer mice usage. He was an ergonomics consultant to Cal/OSHA from 1988 to 1990 and a member of Cal/OSHA's Ergonomics Expert Subcommittee. He is a member of the ANSI Z365 Committee (Control of Cumulative Trauma Disorders), the Human Factors and Ergonomics Society, and the Institute for Industrial Engineers.

**Patricia Seeley** is a second career Certified Professional Ergonomist with a masters degree in industrial engineering. After working as a new model design and plant ergonomist for General Motors, she joined We Energies as the Principal Consultant for Ergonomics. At present, she is a consultant with her own business, Ergonomics Solutions LLC and works with many companies in the utility, manufacturing, warehousing, and mining industries. She is nationally recognized and published in the peer-reviewed literature for her work on the business case for ergonomics and industrial ergonomics for electric and gas utility workers. She is the principal investigator of an Electric Power Research Institute—EPRI—handbook for ergonomic power plant design and two handbooks for design, specification, upfitting, and maintenance of electric utility fleet vehicles and also authored business cases for 6 other EPRI handbooks.

**Dr. Jochen Teizer** is an Assistant Professor in the School of Civil and Environmental Engineering at the Georgia Institute of Technology. He has been working as a researcher and consultant in the area of construction engineering and management, remote sensing, real-time pro-active resource detection and tracking, data processing and modeling algorithms, work zone safety, automation and emerging sensing technology systems since 1991. Dr. Teizer is the founder and director of the Real-time Project Information and Decision Systems Laboratory (RAPIDS) at Georgia Tech. The RAPIDS laboratory is a unique facility in the United States that focuses on developing and applying innovative technologies and methods improving the construction, transportation performance, real-time resource location tracking mobile laser scanning, automated three-dimensional as-built modeling, advanced safety in heavy equipment operation and work sites, virtual decision making environments and learning tools. Dr. Teizer and his research team have won a number of awards including the CETI Outstanding Early Career Researcher Award by FIATECH in 2010. He was awarded the 2009 Bill Schutz Junior Faculty Teach Appreciation Award in the School of Civil and Environmental Engineering at the Georgia Institute of Technology. Dr. Jochen Teizer is currently serving as an Associate Specialty Editor of the American Society of Civil Engineering (ASCE) Construction Engineering and Management (JCEM) Journal.

## Lunch Speaker's Bio

**Kevin O'Shea** is a representative of two 'not for profit' organizations, is involved in the industry design committee work and the recipient of a number of industry awards:

1. **International Powered Access Federation (IPAF)**, US Subsidiary is AWPT
  - Member - Supreme Council
  - Chairman - North American Council
  - Chairman - International Mast Climber Council
2. **Scaffold Industry Association** (now the Scaffold and Access Industry Association)
  - Member – Board of Directors
  - Chairman - MCWP Committee
3. **Additional Committee/Board Memberships:**
  - Member – ANSI A92 Main Committee
  - Member – ANSI A92.9 Design Committee MCWP's
  - Member – ANSI A92.10 Design Committee, Transport Platforms
  - Member – Georgia State Elevator Board
4. **OSHA Alliance**
  - OSHA/SIA Alliance Implementation Team Member

### Industry Awards:

- International Awards for Powered Access - International Safety Champion 2009
- SIA Council Chairperson of the Year 2009
- International Awards for Powered Access - International Safety Champion 2010
- Recipient of the 2010 SIA 'Coupling Pin' Award 2010
- International Awards for Powered Access – International Instructor of the Year 2011

Kevin O'Shea has driven initiatives for increased safety in the powered access industry in the US for the last 9 years, and has been in the industry on both sides of the Atlantic for almost 30 years. He was a graduate apprentice in the early eighties through the Amalgamated Engineering Unions 4-year apprentice craftsman course while employed by Caterpillar Tractor Co.

He lives in Atlanta GA with his wife Alison and son Andrew