

Disaster Resilience Symposium

PNWER Disaster
Resilience
Working Group
Portland, Oregon
July XX

The Pacific Northwest Economic Region



Bill Adams

Vice President, Western Region

IBC

Adams joined IBC in 2004, and has since held positions as Vice President for both the Atlantic and Western & Pacific regions responsible for government relations in Canada's eastern and western provinces. In his 13 years at IBC, Adams has helped to shape and nurture healthy and competitive insurance marketplaces in eight provinces based on practical solutions that benefit consumers. He has in-depth disaster management experience, having provided insurance industry leadership through catastrophic events, including the Southern Alberta floods and the Fort McMurray wildfire. Known for a collaborative and creative approach to solving problems, Adams focuses on sustainable outcomes and win-win collaborations on issues as diverse as auto insurance reform, smart regulation, financial literacy and adapting to severe weather resulting from climate change. A graduate of Mount Saint Vincent University, Adams also studied business administration at the University of New Brunswick.



Tristan Allen

Private Sector & Infrastructure Program Manager

Washington Emergency Management Division

Tristan Allen is the Private Sector & Infrastructure Program Manager at the Washington Emergency Management Division. In this role, he works with Private Sector organizations both small and large to increase the resilience of Washington's economy and infrastructure. These programs focus on supporting businesses in preparing for disasters, strengthening response operations, and enhancing recovery activities by removing barriers in communication and coordination. Situated at the Washington State Emergency Operations Center, Tristan fills the roles of Business Liaison and Infrastructure Analyst during state activations in response to a disaster or incident. Prior to his role with the Washington Emergency Management Division, Tristan worked as a Research Associate at the Naval Postgraduate School where he facilitated a quarterly field experimentation venue that brought together technology innovators from the private sector with military special operations forces and emergency first responders. Tristan holds a BA in History & Political Science from Western Washington University and a MA in Security Studies from the Naval Postgraduate School.



Jim Ammons

Business Continuity Director

Nike, Inc.

Jim Ammons joined Nike, Inc. in April of 2016 as the Nike World Headquarters, Business Continuity Director. In his new role, Jim is responsible for campus resilience through planning, incident management, and recovery. Jim retired from the Federal Bureau of Investigation in 2016 as the Chief of the FBI's Crisis Management Unit. Jim's Bureau career started as an Intelligence Analyst at the National Drug Intelligence Center. Jim entered New Agents Training at the FBI Academy in Quantico, VA in 1995 and was subsequently assigned to the Las Vegas office where he worked various criminal matters. Since 2002, Jim has held various supervisory position managing counterterrorism, crisis management and human intelligence operations. Prior to his retirement, Jim was responsible for the management and oversight of the FBI's Crisis Management and Special Events programs with specific attention to counterterrorism

preparedness, intelligence, tactical response, and critical incident management. Jim's crisis response and major event experience includes the G-8 and APEC Summits, Republican and Democratic Nominating Conventions, multiple State of the Union Addresses, NFL Super Bowls, the 2013 Presidential Inauguration and the FBI's planning efforts for 2012 London, 2014 Sochi, and 2016 Rio Olympic Games. Jim holds an undergraduate degree in Sociology from the University of Pittsburgh and a Master's Degree from the Marine Corps University. Jim is a veteran of the United States Army.



Marianne Armstrong

Research Council Officer

National Research Council Canada

Marianne Armstrong is a Research Council Officer with Canada's National Research Council (NRC). Since 2004 she has been involved in projects addressing climate resilience including: wall-window interface design for wind-driven rain, the assessment of cladding technologies, and drainage and drying of wall assemblies. For over a decade, Ms. Armstrong conducted residential energy efficiency research at the Canadian Centre for Housing Technology, where she helped to assess the performance of over 60 different housing technologies. She is currently managing a national 5-year (2016-2020) \$40 million project on Climate Resilient Buildings and Core Public Infrastructure to integrate climate resiliency into Canadian building and infrastructure codes, standards and guidelines. The funding supports revisions in Codes Canada, guides, and assessment tools by 2020 for residential, institutional, commercial and industrial buildings. Ms. Armstrong is a member of the Professional Engineers of Ontario, holds a MSc Industrial Design from University of New South Wales, Sydney, and a BSc Mechanical Engineering from Queen's University.



Daniel Biglin (Invited)

Product Manager FirstNet Team

AT&T

Biglin is a Product Manager with AT&T's Public Safety Team, including disaster preparedness and response. In March, 2017, AT&T won a \$6.5 billion contract with the federal government's First Responder Network Authority to enhance its existing cellular network with additional sites and support to bring them to public safety grade, and will also build 72 deployable cell-on-light-truck mobile sites specifically for use by public safety agencies as needed. Biglin is also a Captain with his local volunteer fire department.



Laura Bruno

Regional Planning Coordinator

Regional Disaster Preparedness Organization

Laura joined the RDPO in 2016 to lead planning for the organization, which includes stakeholders from five counties (Clackamas, Clark, Columbia, Multnomah and Washington). Prior to joining RDPO, Laura worked for more than a decade in international humanitarian relief and development with Mercy Corps. She managed a multi-country resilience program focused on disaster risk reduction and market systems development in Asia. She holds a BA in Political Science and Latin American Studies from Seattle Pacific University, and an MBA Certificate from Portland State University's Entrepreneurial Leaders program.



Russ Burtner

**Senior User Experience Research Scientist &
Technical Group Manager for Visual Analytics**

Pacific Northwest National Lab

Russ is the Technical Group Manager for the Visual Analytics group with over 20 years of experience in user experience, management and software design. Russ joined PNNL in 2009 and has served as a Senior User Experience Researcher and as the User Experience Technical Team Lead. He has led work in collaborative systems, usability, vision development, immersive analytics, and next-generation user interfaces for national security and science applications. He has published in a variety of analytics venues and holds nineteen patents in human-computer interaction and information visualization. Prior to joining PNNL he spent seven years in product management and product design at Microsoft.



Michele Crim

Sustainability Manager

City of Portland Bureau of Planning and Sustainability

Michele Crim has over 20 years of experience in the environmental field. Her professional expertise in the areas of climate action, pollution prevention, environmental management systems and resource conservation led to her current position as Climate Action Programs and Policy Manager for the City of Portland Bureau of Planning and Sustainability. Michele is responsible for the City of Portland's award winning Climate Action Plan, and is responsible for tracking and reporting on the implementation of local carbon-reduction efforts. Michele also facilitates the implementation of Portland's Climate Change Preparation Strategy that outlines priority actions to build resiliency into local government operations, services and infrastructure. She works to advance the integration of equity into all aspects of the city's climate programs and policies. Michele has a Master of Science in Environmental Science from Washington State University, and a Bachelor of Science in Environmental Geology and Technology from the University of North Dakota.



Richard Davidson

Director EH&S Fort Hills Operations

Suncor Energy

Richard Davidson has worked at Suncor Energy for 18 years, the last 2 years as the Director of Central Safety which included Emergency Management and Business Continuity for the Organization. He graduated with his Instrumentation Technology diploma from SAIT in 1999 and received his Certified Engineering Technologist accreditation in 2008. In the 15 years that Richard spent working in the field, in various leadership roles, he sought to promote a positive safety culture to workers and contractors and provide sound advice to improve EH&S programs and performance. As part of the Petro-Canada's and Suncor's Incident Management Team Richard supported the 2011 Syria and Libya evacuations, 2013 Calgary Flood and multiple operational emergencies. Most recently Richard was a member of the RMWB Regional Emergency Operations Centre during the 2016 Fort McMurray Wildfire as the Industry Liaison. In 2017 Richard took on the role of Director, EH&S Fort Hills Operations where his knowledge of Suncor's Environmental, Emergency and Incident Management System's along with his field experience are being employed through the commissioning and planned start-up of the facility in late 2017.



Kathie Dello

**Associate Director, Oregon Climate Change Research Institute &
Deputy Director, Oregon Climate Service**

Oregon State University

Kathie Dello is the Associate Director of the Oregon Climate Change Research Institute and the Deputy Director of the Oregon Climate Service, which is the state climate office for Oregon. She is interested in working in the science/policy interface, and frequently visits and consults with local, state, and federal agencies around the region on a variety of climate and water issues. A bit of a weather nut, she is a go-to source on all things Oregon weather and climate. Kathie is a skilled climate communicator. She is featured often in the press and gives multiple talks around the region and country. Kathie received a Bachelors in Atmospheric Science and Masters in Geography from the University at Albany (SUNY). She has completed most of the requirements toward a PhD in Environmental Sciences at Oregon State University.



Jim Donihee

Chief Operating Officer

Canadian Energy Pipeline Association

Jim Donihee was appointed Chief Operating Officer of CEPA in January 2013. Previous roles in the energy industry include: VP and Chief of Staff at Pengrowth, Chief Operating Officer at the National Energy Board, and VP Organizational Effectiveness at EnCana. Decorated by Canada's Governor General for his proven leadership, Mr. Donihee, a retired Colonel from Canada's Air Force has led and learned from extensive multinational operational experience in high-risk fighter operations having served as a NATO Commander of forces in Yugoslavia, NORAD Commander in the Arctic, the US and as Base Commander of CFB Cold Lake. Canada's largest operational CF-18 fighter base.



Kelly Enright

Director of Customer Care

Seattle City Light

Enright directs the Customer Care Division of City Light, the nation's tenth largest publicly owned electric utility serving more than 750,000 residents in Seattle and nearby areas. She is responsible for all facets of customer service at the utility including billing, accounting, discount programs, and adding new service. Enright is also the business owner for the Advanced Metering Infrastructure (AMI) Project, which will automate management of the electric grid and meters serving City Light's 422,000 customers.



Stephen Flynn

Founding Director, Global Resilience Institute

Northeastern University

Dr. Flynn is professor of political science at Northeastern University with faculty affiliations in the Department of Civil and Environmental Engineering and the School of Public Policy and Urban Affairs. At Northeastern, he is also the founding director of the Global Resilience Institute where he leads a university-wide research enterprise to inform and advance societal resilience in the face of growing man-made and naturally occurring turbulence. He is also the co-director of the George J. Kostas Research Institute for Homeland Security. Dr. Flynn is recognized as one of the world's leading experts on critical infrastructure resilience, and transportation and supply chain security and resilience. Appointed by Secretary of Homeland Security Jeh Johnson to serve as a member of the Homeland Security Science and Technology Advisory Council, he is also a member of the National Security Advisory Board for Argonne

National Laboratory. Additionally, he holds research affiliations with the Wharton School's Risk Management and Decision Processes Center, and the Earth Institute at Columbia University. Dr. Flynn is also the principal for Stephen E. Flynn Associates LLC, where he provides independent advisory services on improving critical infrastructure security and resilience. A 1982 graduate of the U.S. Coast Guard Academy, Dr. Flynn served in the Coast Guard on active duty for 20 years, including two tours as commanding officer at sea, and retired at the rank of Commander. As an officer, he served in the White House Military Office during George H.W. Bush administration and as a director for global issues on the National Security Council staff during the Clinton administration. He holds the M.A.L.D. and Ph.D. degrees from the Fletcher School of Law and Diplomacy at Tufts University.



Pat Griggs

Emergency Management Specialist

Bonneville Power Administration

Pat Griggs operates as part of Continuity of Operations and Emergency Management at the Bonneville Power Administration (BPA) in Portland, Oregon. He develops and executes the test, training, and exercise program the agency is using to prepare for a wide variety of potential disruptive impacts. This includes the identification of critical business processes; preparation of people who may need to operate from another location in an emergency; and test, training, and exercises of emergency response activities. Pat has served with BPA for 5 years and previously performed large-scale incident management with the U. S. Coast Guard for 20 years. Pat grew up in southern California and lives with his wife in Portland, OR.



Marc Grignon

Regional Director, Surface Pacific Region

Transport Canada

Mr. Grignon has more than 25 years of experience in law enforcement, emergency response and enforcement related policy development. Marc is currently the Regional Director of the Pacific Region Surface Branch at Transport Canada and oversees programs related to Rail Safety and the Transportation of Dangerous Goods, by all modes of transport. Before joining the Pacific Region, Marc was the TDG's Chief Enforcement. In this role, he provided functional authority on enforcement and compliance activities and ensured the coordination of those activities with key enforcement partners and stakeholders. Marc also led major investigations both as a provincial law enforcement officer, before joining Transport Canada, and as TDG's Chief Enforcement such as the Lac-Megantic train derailment penal investigation. Marc thrives to promote a safe and secure, efficient and environmentally responsible transportation system for Canadians and Canadian industries.



Mike Harryman

State Resilience Officer

Governor Kate Brown's Office

Mike Harryman was confirmed by the full State Senate on May 26, 2016 becoming Oregon's first State Resilience Officer. He previously served as the Director of Emergency Operations of the Oregon Health Authority's, Public Health Division: Health Security, Preparedness and Response program since February 2006. Mike severed in numerous command leadership roles over the past several years in relation to State Public Health's response efforts such as the 2009 H1N1 response, the 2011 Japanese Radiation response, and the 2014 statewide Ebola planning and response serving as the Incident Manager for all state operations. Mike also served as the Director of the EMS and Trauma Systems program from February 2012 until October 2013. Mike is a veteran of the 91' Gulf War and retired after a 22-year career at the rank of a Master Sergeant from the U.S. Army/Oregon Army National Guard in 1999. During his deployment to the Kingdom of Saudi Arabia in support of Operation Desert Shield/Storm, he served as the Platoon Sergeant of the 97-member Ground Support Platoon in the 2186 Maintenance Company. Some of his other military

assignments included service at both the company and battalion levels as the Nuclear, Biological and Chemical Noncommissioned Officer in Charge (NCOIC) and a Tank Commander with the 1st Armored and 25th Infantry Divisions. In his last military assignment with the 41st Combat Infantry Brigade, he was assigned as the Senior Chief Supply Sergeant and assisted in the management of all logistical operations. Mike received his Master's degree with honors in Emergency and Disaster Management from the American Military University. He holds a B.S. in Business Management from the University of Phoenix and is a graduate of the Naval Postgraduate School's Executive Leaders Program.



Chad Hawkins

Hazmat Rail Program Coordinator

**Office of State Fire Marshal
Oregon State Police**

Chad has over 15 years of fire and emergency response experience from California that he recently brought to the Oregon Office of the State Fire Marshal (OSFM) in February, 2015. He has worked for both state and local government fire agencies, progressively holding most ranks in the fire service, leaving his last agency as the Fire Chief. He has attended multiple national training programs and holds numerous certifications in firefighting, hazardous materials, mass casualty response and incident command system (ICS). Responding to emergencies of all types throughout his career, he has worked on a plethora of large scale incidents including fires, floods, hazardous materials (HazMat), earthquake and other disasters. He has also held assignments within the ICS structure up to and including Incident Commander on both initial and extended attack incidents. His current position oversees the implementation of Oregon HB 3225 which addresses the coordinated emergency response to oil or hazardous materials spills or releases that occur during railroad transport. HB 3225 incorporates emergency response planning, first responder training, HazMat equipment gap identification and asset management. He regularly teaches several levels of HazMat emergency response to the first responder community and has delivered presentation to local, state, and federal audiences on HazMat Rail response, specifically crude oil. In addition, in June of 2016 he responded to the recent crude oil train derailment in Mosier, Oregon and was part of unified command in a liaison role. He is currently assigned to an All-Hazards Type 2 OSFM Incident Management Team and is a NFPA 472; Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents technical committee member. One of his recent achievements was receiving the "Ambassador of Public Service" award from Governor Kate Brown for his work on HB 3225.



Eric Holdeman

Director

Center for Regional Disaster Resilience

Eric Holdeman is a nationally known emergency manager. He has worked in emergency management at the federal, state and local governments. Today he serves as the Director, Center for Regional Disaster Resilience, which is part of the Pacific Northwest Economic Region (PNWER). The focus for his work there is engaging the public and private sectors to work collaboratively on issues of common interest. He is a prolific writer authoring numerous articles for professional journals and opinion pieces for local, regional and national newspapers including the Washington Post. He is a contributing writer and Senior Fellow for Emergency Management Magazine where he writes feature articles and also has a regular column, "Disaster Zone." An experienced and accomplished public speaker he is sought after to present at national and regional conferences. Eric has the United States' most popular blog on the topics of emergency management and homeland security at www.disaster-zone.com.



Jeffrey D. Krug

Director of Marine Operations

Port of Portland

As the Director of Marine Operations at the Port of Portland, Jeff is responsible for overall operations at the Port's four Marine Terminals (T2, T4, T5, and T6). Before coming to the Port in 2000, Jeff worked for NYK Line North America as the Operation and District Manager, responsible for vessel operations and sales in the Oregon area. Prior to that, he worked in Marine construction on various jetty, dredging, and dock construction projects throughout the US. Jeff is the past president of the Columbia River Steamship Operators, has served as member of the Columbia River PMA Substeering Committee, just completed an eight-year term on the Oregon Board of Maritime Pilots, and represents the Port of Portland on the Northwest Marine Terminal Association. Jeff holds a bachelor's degree in political science from Willamette University.



James K. Maltby

Corporate Director of HSSE

Lynden Inc.

Mr. Maltby has served with the Lynden since July 1991 and has been Lynden's Corporate Director of HSSE since October 2011. His background includes 21 years as Director of HSSE for Alaska West Express Inc. His current duties include developing, implementing and enforcing Lynden's Integrated Health, Safety, Security and Environmental programs and policies as well as assuring compliance with DOT, USCG, EPA, OSHA and applicable federal, state and local regulations. Jim has thirty (30) years of experience in hazardous materials emergency response. He is a Hazardous Material Emergency Response Specialist in highway and railroad transportation. He is an instructor of hazardous material emergency response, and hazardous materials transportation utilizing 49 CFR, IATA/ICAO (air) and IMDG (water). For 15 years he was Chief for the Fairbanks North Star Borough (FNSB) Hazardous Materials Response Team, member of the Statewide Hazardous Material Working Group, Fairbanks Emergency Planning Committee (FEPC) and member of the State Emergency Response Commission and former Chairman of the Alaska Trucking Association Safety Management Council. Jim was appointed by the State of Alaska Governor to the State Emergency Response Commission for four consecutive terms. He was recently appointed to the Board of Directors of the Evergreen Safety Council and Chairman of American Trucking Association Hazardous Material committee.



Patrick Massey

Regional Director

DHS Office of Infrastructure Protection

Mr. Massey currently serves as the Regional Director for the DHS Office of Infrastructure Protection responsible for assisting private and public sector partners enhance the resiliency of critical infrastructures in the Region 10 states of Alaska, Idaho, Oregon, and Washington. Prior to his current position, Mr. Massey served for twenty years with FEMA Region 10 including eight years as the Director, National Preparedness Division, where he served as the Exercise Director for the Cascadia Rising and Evergreen Quake exercises amongst other duties. While at FEMA Mr. Massey also served as the Technological Hazards Branch Chief, Regional Integration Branch Chief, and as a Mitigation Specialist. He has also served in State and local government emergency management departments in Illinois, and as a U.S. Army officer in Germany and Southwest Asia. M.S., M.A., M.A. | CEM, CPP, CBCP



David Matthews

Founder

Cyber Incident Response Coalition and Analysis Sharing group

David Matthews is the former Director of Global Incident Response for Expedia, Inc. and the former Deputy Chief Information Officer for the City of Seattle. He has facilitated five regional cyber event exercises. He is also the founder of the Cyber Incident Response Coalition and Analysis Sharing group. Besides the CISSP certification, he is a Digital Recovery Forensics Specialist (DRFS), and CyberSecurity Forensic Analyst (CSFA). He is the author of “Electronically Stored Information: The Complete Guide to Management, Understanding, Acquisition, Storage, Search, and Retrieval”, published in the summer of 2012 and now in its second edition. David was the recipient of the 2012 Information Security Executive of the Decade - West award.



David McGown

Senior Vice President, Strategic Initiatives

Insurance Bureau of Canada

An accomplished executive leader with experience in communications, policy, government relations and corporate development, David brings in-depth knowledge of the financial and public sectors to corporate decision-making. Prior to joining IBC in 2015, he held senior leadership roles at Canadian Imperial Bank of Commerce over a span of 28 years, most recently serving as its Vice-President for Government, Regulatory and Public Affairs. He began his career in research at Queen’s Park and then as an economist in the Department of Finance in Ottawa. As Senior Vice-President, Strategic Initiatives, David oversees IBC’s Communications, Policy and Legal teams, in support of IBC’s goals. He holds a master’s degree from the School of Advanced International Studies at the Johns Hopkins University and an honours bachelor degree from University of Western Ontario. David’s leadership extends beyond the boardroom, with a strong track record of non-profit and community involvement. A former President for the Couchiching Institute on Public Affairs and for the Canadian Youth Foundation, he serves on the board of Jazz FM, the capital campaign for the Kenosha Cultural Centre in Cape Dorset and continues to serve as a friend of the Canada Institute Advisory Board of the Washington DC-based Woodrow Wilson Centre.



Carmen Merlo

Director of the Portland Bureau of Emergency Management

City of Portland

Carmen Merlo has served as the director of the Portland Bureau of Emergency Management since 2007. As the emergency manager for the City of Portland she is responsible for planning, implementing and improving emergency management plans and procedures to ensure a coordinated response to major emergencies or disruptions to essential city services. She leads the City’s disaster resilience planning and builds partnerships with local, regional and state organizations. Ms. Merlo previously worked for 10 years at the State Office of Homeland Security / Oregon Emergency Management administering grant funds to improve local, regional and state capabilities to respond to and recover from emergencies. She earned a Master’s Degree in Criminal Justice from the Rockefeller College of Public Affairs and Policy, School of Criminal Justice in New York.



Charlene Milliken

Program Officer on Risk, Resilience, and Extreme Events

National Academies of Sciences, Engineering and Medicine

Dr. Charlene Milliken is a program officer in the Program on Risk, Resilience, and Extreme Events at the National Academies of Sciences, Engineering, and Medicine working on a variety of projects and specifically focusing on the community pilot program that partners with communities to build resilience to disasters and measures and metrics of community resilience. Before joining the National Academies in 2015, she worked for seven years in the Department of Homeland Security's (DHS) Science & Technology Directorate (S&T) where she was involved in programs and activities related to community resilience, terrorism, technology transition, strategic communications, risk communication, and social media use during disasters; she also worked in the DHS S&T Office of University Programs supporting management of the Centers of Excellence Program focusing on coastal hazards. While at DHS, she conducted research and participated in interagency efforts focused on national and homeland security issues. Dr. Milliken was a National Defense and Global Security S&T Fellow through the American Association for the Advancement of Science in 2007-2009. She received a B.A. degree in international relations from the University of Southern California, and earned her Ph.D. in anthropology from the University of Pittsburgh. She conducted her dissertation research in Peru, where she investigated mortuary rituals and ancestor veneration of the ancient Wari civilization.



Deb Moller

Principal Consultant

Moller Consulting

Deb Moller served as the Private Sector Program Manager at the Oregon Office of Emergency Management. She has over twenty years of experience as a leader and consultant designing, building and supporting public/private partnership programs in federal, state, local and tribal governments. Her background in family business and self-employment enable her to bridge organizational differences between public and private partners. She holds an M.A. in Applied Behavioral Science focused on consulting and coaching in organizations from Bastyr University/Leadership Institute of Seattle.



Timothy O'Brien

Director Hazardous Materials Management

Union Pacific Railroad

Mr. O'Brien has been in the hazardous materials emergency response industry for 34 years. As Director, Hazardous Materials Management, Mr. O'Brien is responsible for the safe implementation of the mission of prevention, preparedness, response, and recovery of hazardous materials releases. As part of this mission, Mr. O'Brien manages hazardous materials incidents, trains first responders, develops emergency response plans, and performs a variety of community outreach programs. Prior to joining Union Pacific Railroad, Mr. O'Brien spent 17 years as a hazardous materials emergency response contractor. In these roles, Mr. O'Brien managed hazardous materials incidents at fixed facilities and all modes of transportation. Mr. O'Brien has a B.S. in Chemistry from the University of Wisconsin in Madison, Wisconsin.



Steve Pegram

Director

Columbia County Office of Emergency Management

Steve Pegram serves as the Director of the Office of Emergency Management for Columbia County Oregon. Mr. Pegram brings a 30+ year background in emergency management, business continuity, and training to Columbia County and Portland Metro Area Regional Disaster Preparedness Organization. He has extensive experience in challenging environments, including six hurricanes, most recently for Katrina and Rita. Mr. Pegram deployed to Afghanistan as the Emergency Management Deputy Operations Officer in the Country Safety and Security Operations Center at Bagram Airfield. He has worked extensively with Fortune 10 companies in both the transportation and communications sectors, including 16 years of operational leadership at FedEx. He was responsible for Y2K mitigation and preparedness for Intermedia Communications. Mr. Pegram is a qualified USCG Instructor and has extensive experience in training and education in both the public and private sectors, including course development and delivery. He has served as a FEMA Reservist and a FEMA Technical Assistant Consultant. Steve has completed numerous courses at both the Emergency Management Institute and The Center for Domestic Preparedness. Among these are the Professional Development Series, ICS (Incident Command System) Instructor, and Leadership in Disaster Operations. Mr. Pegram is a member of the United States Coast Guard Auxiliary where he serves on the National Staff as the Division Chief – Incident Management and Preparedness and as qualified Auxiliary Air Crew. Steve is the recipient of the President’s Volunteer Service Award, US Coast Guard B. Alan Roth Training Award, USCG Auxiliary Public Education Award, USCG Auxiliary Achievement Award, USCG Meritorious Team Commendation, USCG Unit Commendation -Operations, and multiple Sustained Service Awards.



Justin Piper

Director, Hazardous Materials Safety

Burlington Northern Santa Fe Railway

Justin Piper has been actively working in the field of Hazardous Materials Response for over 15 years. Justin has worked with many different industries in varying capacities regarding hazardous material and environmental response including railroads, highway transportation, petrochemical, maritime shipping, agricultural, pulp and paper and high tech industries. Currently Justin is the Director of Hazardous Materials for the BNSF Railway. Justin works with first responders, regulatory officials, industry, public stakeholders and the railroad to coordinate an effective response to incidents. Justin also assists with training events for community training through the TRANSCAER Community Training program.



BG Brad Richy

Director

Idaho Office of Emergency Management

Brad Richy is the Director of the Joint Staff, Idaho National Guard, Joint Force Headquarters; he also serves as the Director, Idaho Office of Emergency Management. As the Director of the Joint Staff, he serves as the principal advisor to The Adjutant General on all matters pertaining to the formulation, review, and execution of all plans, policies, and programs affecting the Idaho National Guard and its relationships with the active/reserve components. He is responsible for all Idaho National Guard actions involving operations, logistics, resourcing, manpower, communications, planning, and intelligence. As the Director of the Office of Emergency Management, he is directly responsible for Idaho emergency readiness and preparedness planning in support of the Idaho Homeland Security and Emergency Management Strategies. He serves as the Homeland Security Advisor and principal Emergency Management Advisor to the Governor and The Adjutant General. As the Governor’s Authorized Representative, he acts as the single point of contact for all federal, regional, and state emergency management activities. He also serves as the State Administrative Agent overseeing implementation and compliance of all eligible Department of Homeland Security sponsored grants. The Bureau has seven offices around the state and is staffed with 45 full-time personnel. Brad serves on multiple national level working groups.



Tom Sampson

Chief

Calgary Emergency Management Agency

Tom Sampson was named Director of the Calgary Emergency Management Agency (CEMA) in March 2015. In 2009 Chief Sampson joined the Calgary Fire Department to build the CEMA team and move to the new Emergency Operations Centre (EOC) with its substantive technology. Prior to joining CEMA, Sampson was the Chief of Calgary's Emergency Medical Services (EMS) and worked to establish the Calgary Regional EMS Partnership, the EMS Chiefs of Alberta and Canada. He has over 30 years' experience in emergency services. He is the recipient of the Alberta College of Paramedics' Award for Excellence and is a lifetime member of the Board of EMS Chiefs of Canada and to this day, continues to maintain registration as an Advanced Care Paramedic. Chief Sampson holds a Masters Certificate in Municipal Leadership from York University and has completed the Labour Relations program at Queens University, attended the Banff School of Advanced Management and the executive program of the University of Calgary's Schulich School of Business.



Bill Schrier

Senior Advisor

First Responder Network Authority

Schrier is a Senior Advisor with FirstNet. He has also served as the Chief Information Officer for the Seattle Police Department, Chief Technology Officer for the City of Seattle, and as the Chair of the Washington State Interoperability Executive Committee. FirstNet with its partner AT&T is deploying a nationwide cellular network with priority for first responders.



John Sladek

Consultant

Lofty Perch Inc.

John Sladek is a senior computer security consultant at Lofty Perch Inc., a market-leading security technology company focusing on SCADA and control system cyber security. He started his career in 1989 designing digital instrumentation and control systems for nuclear and coal-fired generating stations. Between 2008 and 2017 he was the single point of contact and subject matter expert for cyber security of Operational Technology used to perform nuclear safety, physical security and emergency preparedness functions at a multi-unit nuclear power plant. He has been a contributing technical expert to the International Atomic Energy Agency (IAEA), and contributed to NST045 (*Computer Security for Nuclear Security*), NST047 (*Computer Security Techniques for Nuclear Facilities*), and NST036 (*Computer Security of Instrumentation and Control Systems at Nuclear Facilities*). He has also developed training material and delivered courses on cyber security for nuclear facilities, including national and regional training courses for the IAEA. He founded a Canadian national working group for nuclear cyber security to provide a means of exchanging information and operational experience and to develop common approaches for cyber security within the Canadian nuclear industry.

Daniel Stevens

Director of Emergency Management

Vancouver, B.C. Emergency Management

Daniel Stevens is the Director of Emergency Management for the City of Vancouver with responsibility covering the City's operational readiness, inter-agency emergency planning, emergency volunteer programs, and community resilience building. Daniel has been involved in the management of numerous emergencies in Vancouver and was deployed for 30 days to Christchurch, New Zealand, in support of their 2011 earthquake response. His current focus is continuing the building of organizational capacity to respond to catastrophic events, leveraging the power of the community to build resilience for small and large emergencies, and furthering the assessment of disaster risk in Vancouver. Daniel has a B.A. in urban geography and an M.Sc. in geospatial analysis.



Troy Thompson

Chief Information Security Officer

Pacific Northwest National Laboratory

Troy is the Chief Information Security Officer at the Pacific Northwest National Laboratory (PNNL), located in Richland, WA. As a member of the senior management team Troy is accountable to the Laboratory Director and the CIO to continuously improve the management and protection of information resources while increasing research productivity and operational effectiveness. His responsibilities include determining cyber investment strategies, priorities, policies and risk management. These investments are informed by PNNL's strategic plan that links decisions to DOE-wide and PNNL-specific missions. Troy also represents PNNL interests concerning information security to the Department of Energy and to other federal and state agencies. Prior to this role, Troy served as the Cyber Account Manager within PNNL's National Security Directorate. Drawing upon his years of experience in the field of computer science, specializing in computer and network security, Troy managed a \$40M portfolio of cyber projects conducted for the DOE, DHS, DoD and the USIC involving information operations, information assurance, and computer and network defense. Troy began his career at PNNL in 1985 as a scientist providing systems engineering and software programming within the Atmospheric Sciences Division. His career evolved into the management and operations for the Lab-wide scientific computing environment. In 2000, he was directly responsible for establishing DOE's Operational Analysis Center which involved specialized network sensors, advanced system architectures and the state-of-art analysis and data visualization methods. He received his Bachelors of Science degree in Computer Systems Engineering at the Oregon Institute of Technology in 1985.



Yumei Wang

Geotechnical Engineer

Oregon Department of Geology and Mineral Industries

Yumei Wang has since 1994 worked as a geotechnical engineer at the Oregon Department of Geology and Mineral Industries (DOGAMI). She focuses on building resilience to natural hazards and earthquake risk management, including on schools, emergency facilities and critical infrastructure. She serves on the Board of the Cascadia Region Earthquake Workgroup, and has been an advisor to the National Earthquake Hazards Reduction Program (NEHRP), to the National Academies liquefaction committee, to the National Institute of Building Sciences tsunami methodology development project and to the 2013 Oregon Resilience Plan, as well as co-led post-earthquake damage assessments on the 2011 Tohoku, Japan, 2010 Maule, Chile and other disasters. Wang has been a guest on PBS NewsHour, been interviewed by The New York Times, and appeared in documentaries produced by Oregon Public Broadcast (www.opb.org/news/series/unprepared), NOVA, National Geographic, and Discovery. Wang served as a Congressional Fellow in the U.S. Senate in Washington DC, and worked as a geotechnical consultant in California, including on the 1989 Loma Prieta earthquake. Since 2014 she has been working on projects for the Chief Financial Office at Department of Administrative Services (DAS CFO) on long range resilience planning.



Rep. Barbara Smith Warner

State Representative

Oregon House District 45

Barbara Smith Warner is the State Representative for Oregon House District 45, which includes Northeast Portland, the city of Maywood Park and the Parkrose area. Appointed to the Legislature in 2014, she serves as the Deputy Majority Whip, co-chair of the Education Subcommittee of Ways and Means, and vice chair of the Revenue committee; is a member of the House Rules Committee, and the Joint committees on Ways and Means, Transportation Preservation and Modernization, and Tax Credits. Representative Smith Warner has lead the

efforts to address the increase in oil train traffic in the Northwest. In 2015, she passed legislation in that increased preparedness and planning through the State Fire Marshal's office in case of an oil-by-rail incident, and in the 2017 session she worked on additional legislation to expand the emergency planning process through House Bill 2131. Representative Smith Warner's extensive volunteer work in her two children's local public school is what inspired her to seek office. She is passionate about the issues that affect the families of House District 45 and all of Oregon: access to quality education, health care for all, good living-wage jobs, a diverse and efficient transportation system, and safe communities. She is no stranger to fighting for a better Oregon, as she's been a grassroots organizer and community activist for her entire career. In fact, Barbara has spent much of her professional career helping people to engage with and participate in their government.



Jody Wolfe

Manager, Corporate Strategy

United Way of Calgary and Area

Jody Wolfe is the Manager of Corporate Strategy for United Way of Calgary and Area in Calgary (UWCA), Alberta, Canada. She is responsible for business and strategic planning, evaluation and research, policy advocacy, and special projects, including UWCA's response to support evacuees of the Alberta Wildfires. Jody has a graduate degree in Applied Social Psychology and more than 15 years of experience in research and evaluation across Canada. Jody will be speaking about the role of non-profit funders within a comprehensive community response and recovery plan.



Virginia Wright

Program Manager for Domestic Nuclear Cyber Security

Idaho National Laboratory

Virginia Wright is program manager for domestic nuclear cyber security at Idaho National Laboratory. Ms. Wright has expertise in critical infrastructure cyber-security assessment, cyber security threat analysis applied to critical infrastructure, and interdependency modeling and simulation.