

Purdue Safety Summit

Purdue University Division of Construction Engineering and Management is hosting the first Purdue Safety Summit. It will be held on April 23, 2020 at Stewart Center on the West Lafayette Campus. This all-day event brings safety experts from across the country to discuss and describe the latest in construction safety.

The Summit starts with two general sessions in the morning. Jim Porter will be the lunch speaker. The afternoon will feature three parallel tracks: Process Safety, Underground Construction, and Highway/Bridge.

Below is a description of the program with expected speakers.

CONFERENCE AGENDA		
Time	Session	Speakers
9:30 - 10:20	Developing a Safety Culture	James B. Porter Jr.
10:30 - 11:20	Daily Safety Management	Dave Murphy
11:30 - 1:00	Lunch	James B. Porter Jr
Process Safety Track		
1:00 - 1:50	Process Safety Management I	Deborah Grubbe
2:00 - 2:50	Process Safety Management II	<i>Panel Discussion</i> – Jim Porter, Brian K Acton
3:00 - 3:50	Fall Protection	<i>Panel Discussion</i> - Jorge Villalta, Jeff Hagerman, Fall Protection Vendor
Underground Construction Track		
1:00 - 1:50	Underground Facilities Procedures	Tom Iseley
2:00 - 2:50	Underground Utility Damage Prevention	Augie Ziccarelli, Mike Alder, Cameron Hansen
3:00 - 3:50	Excavation and Trenching Safety	Jorge Villalta
Highway/Bridge Track		
1:00 - 1:50	MOT	Rick Smith - Road Safe, Mischa Kachler, John McGregor
2:00 - 2:50	Silica Dust Safety	Bruce Guiliani
3:00 - 3:50	Driving in Work Zones	Bob Montel, Lieutenant Treon – Indiana State Police
4:00 - 4:30	Summary and Recap	Bob McCullouch

On-line registration is at <http://www.purdue.edu/conferences/safety>

Inquiries can be sent to Bob McCullouch at bgm@purdue.edu or by calling 765.496.1873.

Summit Speakers and Moderators

Brian K. Acton

Chairman/CEO of BMWC, Constructors

Brian joined BMWC in 1985 after earning his B.S. from Purdue University in Construction Engineering and Management. His first assignment as Assistant Project Manager was at Amoco Oil refinery in Whiting, Indiana, working out of the Lansing, Illinois office. Brian was promoted to Project Manager in 1990 and managed maintenance and construction accounts for Amoco, Mobil, Exxon, Quantum Chemical and other industrial clients in the Chicago and Northwest Indiana regions. In 1998, BMWC purchased a construction company performing work in the microelectronics industry near Seattle, Washington. Brian relocated to the west coast and was promoted to President and General Manager of BMWC Constructors, Inc. While managing the Seattle office, he started an office in Portland, Oregon in 1992 to better serve the high-tech clients. In 2009 Brian returned to Indianapolis and was elected as Executive Vice President of BMWC Constructors, Inc. In August 2010, Brian was elected President and COO of BMWC Constructors, Inc. and in February 2011, he was elected CEO. In January 2019, Brian was elected Chairman and CEO.

Ashley Aiken

ICI

Ashley Aiken has worked in the field of public safety for 5 years. Ashley currently works for Indiana Constructors Inc. (ICI) serving as the Association's Manager of Safety and Transportation Issues. In her current role, Ashley works to further Association goals through proactive, collaborative research focusing on the analysis of information and data to identify key issues impacting safety concerns, heavy/highway construction processes, project delivery methods and labor trends. Ashley works with appropriate INDOT and other state, local, and federal agency personnel to pinpoint the areas of focus and influence for industry safety. It is Ashley's main priority to provide resources in safety to the Association's members through the production of Safety Forums and other committee meetings regarding industry safety. Prior to her role with ICI, Ashley worked for the State of Indiana at the Indiana Criminal Justice Institute as the Director of Research for three and a half years. Ashley also taught at Ball State University for three years in the Criminal Justice & Criminology Department with a focus on Statistics/Data Analysis and Criminology. Ashley received her Bachelors in Criminal Justice & Criminology and Bachelors of Psychology from Ball State University. Ashley then went on to complete her Masters of Public Administration with a concentration in Criminal Justice at the same institution.

Mike Alder, Director of Virtual Construction

Mike Alder has utilized virtual construction technology on more than \$1.7 billion in construction in a variety of markets, including healthcare, higher education, industrial, commercial and retail. He is a frequent speaker at industry events, including Autodesk University, the CFTA Conference and Lean Construction Institute. Mike was honored among four alumni with the Early Career Award from Purdue Polytechnic Institute, which recognized individuals' efforts to harness the power of their degree to positively impact their chosen profession, as well as how today's technology will improve the world tomorrow. Mike holds a Bachelor of Science degree from Purdue University Polytechnic Institute, formerly the College of Technology.

Neal Biggs

Neal Biggs has 25 years of construction management & safety experience. He has worked and managed construction & construction safety projects throughout the Midwest. He is the past President for the River Cities Underground Facilities Damage Prevention Council and a founding member of Kentucky NUCA Chapter. He is a 3 time William H. Feather Top Utility Contractor safety award winner. He is a OSHA 502 authorized construction 10 & 30-hour instructor. Neal holds a Bachelor of Industrial Technology with emphasis on Construction from Indiana State University.

Deborah L. Grubbe, P.E., CEng, NAC

Deborah Grubbe owns and manages her consulting company, and has served in executive positions with DuPont and BP International. Deborah has been a member of the NASA Aerospace Safety Advisory Panel, and consulted in safety culture with the Columbia Shuttle Accident Investigation Board. She currently serves on the Engineering Advisory Council at Rowan University, on the Chemical Engineering Advisory Board at Drexel University and advises the Safety Engineering and Management Program at the University of Alabama at Birmingham. She is a member and former chair of the National Academy of Construction's Safety Committee, and is an Emeritus Member of the Center for Chemical Process Safety. Deborah obtained a BS in Chemical Engineering from Purdue University and attended the University of Cambridge, England, on a Winston Churchill Fellowship. She is a registered Professional Engineer in Delaware, a chartered engineer in the United Kingdom, and is a Fellow of both the American and British Chemical Engineering Societies. In 2002 she was named the Engineer of the Year in Delaware, and was the 2018 Delaware Valley Engineer of the Year.

Bruce Guiliani, CSP, CIT
Heritage Group

Bruce has been in the safety field since 1975. He is currently the Corporate Industrial Hygienist for The Heritage Group where he oversees the Industrial Hygiene plans and safety activities of all the Heritage companies and manages the claims handling for injuries. He is the primary provider of safety and health content for the learning management system utilized and works as a consultant on safety matters within the company.

Previously he was the Director of Safety for Heritage Group Safety where he managed a staff of safety and environmental professionals. Their focus was to provide safety and environmental training and consulting to Heritage Group companies as well as outside organizations. Prior to HGS, he was a loss control rep for 25 years, working at Fireman's Fund and then CNA Insurance Companies.

He is a Past President of the National Environmental Safety and Health Trainers Association, a membership organization dedicated to the improvement of trainers in adult education. He currently serves as the treasurer on the board of National Partnership for Environmental Technological Education. He has served the Central Indiana Chapter of ASSP and had been an integral part of planning the Indiana Safety Conference since its inception in 2004. He was the 2012 Volunteer of the Year for the Indiana Chamber of Commerce. He was named the Safety Professional of the Year by CIASSP in 2016.

Jeffrey M. Hagerman
Chairman of the Hagerman Group

Jeff Hagerman, Chairman of The Hagerman Group, is the fourth generation of the Hagerman family to lead the commercial construction company. Jeff became president of The Hagerman Group in 2008 and assumed the chairman role in January 2014. He focuses on new business development, client relationships, corporate citizenship and corporate strategic planning. Jeff also has an ownership interest in iPark, LLC (a parking management company) and numerous commercial real estate developments.

Jeff is passionate about the community and encourages employees of The Hagerman Group to give back through time, talent and treasure. He currently serves as a member of the Board of Directors at several organizations including the Children's Museum of Indianapolis, Conner Prairie, Meridian Hills Country Club, Brebeuf Jesuit High School, the Indiana State Chamber of Commerce, AGC of Indiana and the Indiana Construction Roundtable.

Jeff earned a Bachelor of Science in Construction Engineering and Management from Purdue University in West Lafayette. In Jeff's "free time", he enjoys spending time with his children Drake and Stella, traveling the world, and following Purdue sports!

Cameron Hansen, Virtual Construction Engineer

Known for his initiative and creative ideas, Cameron Hansen is skilled with utility mapping, model viewing, immersive reality, technical problem solving and generative design. He has implemented technology on Pepper Construction projects in the higher education, healthcare, interiors, industrial and retail markets. Cameron is a graduate of Purdue University, where he studied computer graphics and construction management.

Tom Iseley, Ph.D., P.E., Dist. M. ASCE, PWAM Professor Emeritus, Louisiana Tech University

Dr. Tom Iseley has over 40 years of experience in the planning, design, and construction of underground infrastructure systems. From 1982, he served on the faculty of Mississippi State University, Purdue University, and Louisiana Tech University. During the past 30 years, he has maintained an international leadership position in trenchless technology. In 1989, he established the Trenchless Technology Center (TTC) at Louisiana Tech University. He is a founding director of the North American Society for Trenchless Technology (NASTT). He also served for three years as the chairman of the National Utility Contractors Association's (NUCA) Trenchless Technology Committee. Dr. Iseley was elected to the National Academy of Construction (NAC), class 2016. Dr. Iseley holds a B.S. degree in Civil Engineering and an M.B.A. degree from the University of Alabama in Birmingham and a Ph.D. degree in Civil Engineering from Purdue University.

Mischa Kachler P.E. INDOT

Mischa Kachler has over 20 years of transportation related experience. He has worked as a consultant for 17 years in various roles including construction inspector, road design engineer and project manager. Mischa joined INDOT in 2016 as a Work Zone Safety Engineer and is now the current Supervisor of the Work Zone Safety Section. In this position, he is responsible for leading the Section's efforts to improve safety and mobility in INDOT work zones through education and training; field reviews of work zones; guiding policy and standards; bringing innovation to work zones; and by being a resource to those involved with work zone safety. Mischa holds a Bachelor of Science Degree in Civil Engineering from Purdue University and is a Registered Professional Engineer licensed in Indiana.

Bob McCullough Ph.D. P.E. Purdue University

Bob has been at Purdue for 32 years in the School of Civil Engineering. During this time, he has primarily taught classes and performed research. He also has directed an IT development group at Purdue, 3ID. In October 2013 he became the Indiana LTAP program manager and recently redirected from that position returning to academic activities. Currently he is Associate Professor, The Beavers Heavy Construction Distinguished Fellow. Before coming to Purdue, he worked nine years in Industry as a consulting engineer and constructor.

John McGregor P.E.

John McGregor is the current Director of Traffic Operations at the INDOT Traffic Management Center. In this position, he is responsible for the Hoosier Helper Program, the Work Zone Safety Section, and the daily operation of the INDOT Dispatch Center. He is a 1994 graduate of Purdue University (West Lafayette) with a Bachelor of Science in Construction Engineering and Management. He also holds a Master of Business Administration (Indiana University, IUPUI Campus). He is a registered Professional Engineer with over 13-years of work experience at INDOT as a Construction Project Engineer, Traffic Systems Engineer, Work Zone Engineer, and both a Work Zone Supervisor and Signal Systems Supervisor. His other work experience includes work as a Site Development Engineer, a Manufacturing Line Supervisor, and Building Construction Manager.

**Bob Montel
Reith-Riley Construction**

Bob is the Safety Manager at Rieth-Riley Construction, a large Heavy Highway contractor with offices across the state of Indiana. Before working the last 13 years at Rieth-Riley, he worked 11 years as the Transportation Safety Director for a road trucking company; 7 years as a Technology and Driver's Education teacher; and 2 years as an Indiana CDL examiner. He holds several endorsements and certificates from ATSSA, OSHA, MSHA, Construction Advancement Foundation, and ARTBA. He is a graduate of Northern Illinois University.

**Dave Murphy
Pepper Construction**

Dave Murphy has 30 years of industry experience. He is on the Indiana Construction Association / Indiana Department of Labor Partnership Steering Committee and the AGC of Indiana Safety Subcommittee. In 2013, Dave received the Indiana Department of Labor Commissioner's Award of Excellence in Hoosier Occupational Safety and Health, and he has also been recognized as a Who's Who in Construction by Building Indiana magazine. He is also regarded by our clients and trade partners and has helped them develop their own safety programs and training. Dave holds a Master of Science in Industrial Management from Northern Illinois University and a Bachelor of Science in Finance from Illinois State University. He is OSHA 30-hour certified, Green Advantage certified and has his American Society for Healthcare Engineering (ASHE) Healthcare Contractor certification.

Jim Porter Jr.

Since 2008, Jim has been the president of Sustainable Operations Solutions, LLC which provides services to help companies make significant and sustainable improvements in workplace safety, process safety management, capital effectiveness, and operations productivity. Before he worked for more than 40 years at DuPont serving in various roles with his last position as Vice President, Engineering and Operations and Chief Engineer. He is a recipient of various awards, including the National Academy of Construction Ted Kennedy Leadership Award; and has served on various Boards. He is a graduate of the University of Tennessee, and received further education at Princeton, Texas A&M, and Penn State. He resides in Chadds Ford, PA.

**Rick Smith
RoadSafe**

Rick P. Smith has been serving RoadSafe Traffic Systems for twenty-eight years specializing in Work Zone Traffic Safety. Rick has worked as operations manager, fleet manager and various safety training in CDL driving, forklift, hazmat, employee development and flagger certifications. Rick is the past Indiana chapter president for American Traffic Safety Services Association and is currently serving on ATSSA's National Innovation committee in areas as automated vehicle technologies.

Currently as a Midwest Estimator for RoadSafe Traffic Systems Rick is responsible for bidding Indiana area projects for RoadSafe local branches. Rick attended Purdue University & Indiana University studying Mechanical Engineering Technologies.

**Terry Treon
Indiana State Police**

Lieutenant Terry Treon is a 26 year member of the Indiana State Police. LT Treon is currently the Commander of the Staff Services Unit (SSU) which administers the follow programs: Testing and Evaluation, Crash Reconstruction, IN-TIME, ICJI Traffic Safety Grant, ARIES 6 Crash Report development and implementation, and the Department Fleet Safety. LT was originally assigned to the Pendleton District and has previously been assigned to the Training Division and Special Operations Division.

Jorge Villalta
INSafe

Jorge holds an associate's degree in Food Service Supervision and a bachelor's in Organizational Leadership and Supervision, both from IUPUI. In the early 2000s, he began working as a Human Resources/Safety Manager for a company producing parts for General Motors and Chrysler. Jorge originally joined INSafe as a Safety Consultant in 2006, and moved to IOSHA enforcement in 2009. Jorge returned to INSafe in 2019, bringing with him nearly two decades of occupational safety and health experience. Born in Colombia, Jorge is bilingual in Spanish and English.

Augie Ziccarelli, Project Executive

Project Executive Augie Ziccarelli's career spans more than 35 years with experience in healthcare, commercial/interiors, educational, manufacturing and industrial markets. Known for viewing projects from the owner's perspective, Augie provides industry insights and guidance to anticipate project challenges and works with the entire team to develop proactive solutions.