

WRMCA 21ST ANNUAL TECHNICAL WORKSHOP SPEAKER BIOS

Brian Borowski is the Cementitious Quality Manager for LafargeHolcim. He has 35 years of experience in the industry beginning in the mid-1980s with American Fly Ash Company in Chicago. Brian has held a variety of roles for LafargeHolcim including Technical Service Engineer, SCM Laboratory Manager and Concrete, SCMs and Aggregates Laboratory Manager.

Jacob L. Borgerson, Ph.D., P.E. is a consultant with Wiss, Janney, Elstner Associates, Inc. He received a Ph.D. in Engineering from the University of Illinois at Urbana-Champaign. Dr. Borgerson specializes in providing concrete expertise in multiple areas including low strength, mass concrete, cracking, finishing defects, in addition to others. Borgerson has provided concrete consulting services to contractors, structural engineers, architects, ready-mix suppliers, and owners. He is a member of the American Concrete Institute (ACI) and International Concrete Repair Institute (ICRI). In addition, he serves on ACI Committees 228, Nondestructive Testing of Concrete and 117, Tolerances for Concrete Construction. He is a licensed professional engineer in multiple states including Wisconsin and Illinois.

John Gnaedinger is founder of and Engineering Services Director for Con-Cure, LLC, which, over the past 20-plus years, has conducted more than 250,000 concrete maturity tests across the globe covering high-risk applications, including post-tensioned structures, concrete bridges, massive concrete placements, high-rise buildings, and precast and prestressed concrete elements including high-strength bridge beams and girders.

He is a member of the American Concrete Institute and is a voting member of the ACI Cold Weather committee 306. He is a member of the C09 committee for ASTM and is a voting member on the standards committee for Maturity ASTM C1074. He has served on the Cold Weather committee of the Concrete Foundations Association and is active in the Concrete Council of St. Louis.

Bill John has been in the industry since 1972. He started as a laborer, went through the apprenticeship program for cement finishing. He became a journeyman and worked in the field for a contractor for 8 years. Bill started his own business in 1980 and left that business to work with epoxies. He then began working for TK Products in 2000. Bill has a master certificate in Masonry for the city of St. Paul. He is an active member of the Minnesota Concrete Council and served on the Board of Directors. Bill has a wonderful wife of 43 years with 3 adult children and 6 grandchildren.

Kevin McMullen has represented the concrete paving industry in Wisconsin for the past 26 years. The last 25 years as President of the Wisconsin Concrete Pavement Association. Prior to WCPA, he worked for the Wisconsin Department of Transportation in the Construction and Materials Office's Pavement Engineering Section in the Central Office in Madison. For five years he was the supervisor for all pavement design engineering activities for the Department. Kevin is a 1986 graduate of the University of Wisconsin-Platteville with a degree in Civil Engineering.

Kevin currently serves on the Steering Committee for the Wisconsin Highway Research Program, the national committee on concrete pavement construction of the Transportation Research Board in Washington DC, sits on the Board of Directors for the American Concrete Pavement Association and the Board of Directors of the National Center for Concrete Pavement

Technology. He is also a founding member of the FHWA sponsored National Concrete Consortium that is now being managed by the National Center for Concrete Pavement Technology at Iowa State University.

Kevin and his wife Jennifer reside in Janesville, Wisconsin and have two adult children. William, 32, lives and works in Milwaukee and Anna, 29, currently living and working in Washington DC. In November of 2020, Kevin and Jenny became the proud grandparents to Mazie McMullen with William and his wife Alyssa's first child.

Barry Paye is the Wisconsin DOT Chief Materials and Pavement Engineer in the Bureau of Technical Services and has been with Wisconsin DOT since 2006. He serves as the WisDOT voting representative on AASHTO's Committee on Materials and Pavements (COMP formerly SOM). He also the national vice chair of AASHTO's National Transportation Product Evaluation Program (NTPEP) and leads several technical committees for the program. Barry is one of the WisDOT Executive Committee Representatives for the National Road Research Alliance (NRRRA) pooled fund at MnROAD. Barry also serves on TRB Committees for both Asphalt and Concrete Pavement Construction and Rehabilitation (AFH 50 and 60). Previously, he served as the WisDOT Central Office Material's Lab Supervisor, and in several construction and materials roles in the Northeast Region.

Prior to working for WisDOT, Barry worked for the Minnesota DOT for over 4 years, working on their first major design build project. Barry has his BS and MS in Civil Engineering from UW-Madison, specializing in construction management. He is a licensed Professional Engineer in Minnesota and Wisconsin. Barry is a proud University of Wisconsin-Madison graduate. In his spare time, Barry enjoys running, brewing beer, and supporting Wisconsin sports teams, with some travel mixed in for good measure.

Gordon L. Smith, P.E. recently joined the National Concrete Pavement Technology Center staff as an Associate Director. Smith began his career in concrete pavements by working for an Iowa concrete paving contractor (Central Paving Corporation) for 14 years, followed by thirty-one years of service to the Iowa Concrete Paving Association (ICPA) and the Iowa Ready Mixed Concrete Association (IRMCA).

With his wealth of first-hand knowledge in concrete pavement design, specification, construction and maintenance, complemented by a strong background in concrete materials, Smith is a significant resource to the industry. While certainly not solely responsible for Iowa's prominence in the concrete pavement world, his leadership has helped to guide both local and national advancements in the areas of concrete overlays, early opening of concrete pavements to traffic, performance engineered mixtures, and concrete pavement preservation to mention only a few.

Smith, a registered PE in Iowa and Nebraska, received a BS in Civil Engineering from Iowa State University in 1975. His responsibilities with the contracting firm ranged from truck driver, grade foreman and saw/seal foreman to estimating engineer and Corporate Secretary. Beginning his career with ICPA in 1986 as the Association's Construction Engineer, Smith accepted the position of Executive Vice President in 1989. He became President of the ICPA in 1995 and added the responsibility of Executive Director of the IRMCA in 2001. Smith's leadership sustained and enhanced ICPA's strong reputation as a valuable technical and

research resource for contractors, concrete producers, their associates and the engineering/public agency community in Iowa and well beyond.

Over the years, Smith has witnessed the design and construction of nearly 2,000 miles of concrete overlays on Iowa interstates, primary highways, city streets, airports and parking lots. He has spoken numerous times on national forums about concrete overlays and general construction of concrete pavements.

As ICPA executive, Smith has been involved with the National Concrete Pavement Technology Center at Iowa State University since its inception. He has served as a Board member since day one and the Chairman of the Advisory Board for the past 5 years. Smith demonstrates a firm understanding of the needs of the industry, including research, technology transfer for the engineering community, contractor and agency field training and equipment/product innovation. In his service to the CP Tech Center and the industry, he has served on numerous technical advisory groups for publications.

Smith is also an active member of key professional organizations and has authored several reports and articles relating to concrete pavement design/construction/performance and concrete overlays. In 2012, he was awarded the American Concrete Pavement Association's Hartman-Hirshman-Egan Award in recognition of his service to the concrete paving industry, in Iowa and throughout the nation.