

Speaker Biographies

Dan Burke, Jr.

Dan Burke Jr. is a third-generation surveyor. Licensed in Maryland and Delaware, he has developed a skill set with a critical eye to the details. Having spent his entire surveying career at CPJ, with the last 14 years working in the Special Surveys Department, he has produced award winning drawings for the MSS plat competition. He is currently the Potomac Chapter Chair and a trustee with the MSS Educational Trust.

Jonathan Austin

Jonathan Austin has a B.A. in Geography from Virginia Tech. He has eight years of experience in the collection and processing of GPS/GNSS, hydrographic multi-beam, aerial LiDAR, and mobile LiDAR data. Currently, he works for Greenman-Pedersen, Inc. processing their mobile LiDAR data and imagery. He recently earned his FAA Remote Pilot Certificate for commercial Small Unmanned Aerial Systems (sUAS). Currently, he is employed by Greenman-Pedersen, Inc. as a LiDAR Technician.

John Berrettini

John Berrettini is co-owner and vice president of A/I/DATA, a subsurface utility engineering (SUE) firm that provides underground utility investigation and mapping services. His firm serves the needs of public and private sector clients primarily in the mid-Atlantic states. John has more than 20 years of SUE experience, both in the field and office and has conducted and directed a wide range of regional, national and international projects.

Dave Doyle

Dave Doyle joined the National Geodetic Survey in 1972, and held the position of chief geodetic surveyor for twelve years prior to his retirement in January 2013. During his career with NGS his experiences included all phases of geodetic triangulation, astronomic positioning, leveling, GPS data collection, data analysis, datum transformations, network adjustments, data publication and outreach in the form of seminars, workshops and webinars. Mr. Doyle is a Past President of the American Association for Geodetic Surveying, a Fellow member of the American Congress on Surveying and Mapping and is an active member of the District of Columbia, Maryland and Virginia professional surveyors' associations.

Alan Dragoo

Alan R. Dragoo is a Licensed Surveyor in the State of Maryland, and was employed for 27 years by the Washington Suburban Sanitary Commission (WSSC) in Laurel, Maryland. He was a Geodetic Project Manager in charge of high precision horizontal and vertical geodetic surveying projects using the Global Positioning System and classical methods in support of the WSSC Control Network, the Interagency GIS System and the deformation studies for 3 dams. Alan also worked for Trimble Navigation for 8 years as a Technical Support Representative in support of sales for the Northeast U.S. Alan also worked for Keystone Precision Instruments for 8 years as the Sales Manager for Land Survey products for Delaware, Maryland and Virginia. He is currently employed by Maser Consulting at their Sterling, Virginia office as their Assistant Survey Department Manager. Alan worked with the National Geodetic Survey to survey the top of the Washington Monument. Alan was Co-director for the completed survey on the top of the U.S. Capitol to determine its position and in the basement of the U.S. Capitol to locate the cornerstone set in 1792. Alan is a member and Fellow of the National Society of Professional Surveyors; Past President for the American Association for Geodetic Surveying (AAGS), Past Editor for the "Geodetic Surveyor" a newsletter for AAGS, National Society of Professional Surveyors Director for the Maryland Society of Surveyors, and MSS Surveyor of The Year for 1996, Russell E. Lowman award and Life Time Achievement award in 2015. Alan was also Director for the spring 1996 ASPRS/ACSM Baltimore Convention and Director for the spring 1998 ACSM Baltimore Convention. Alan has authored and co-authored articles and papers for "Professional Surveyor" magazine, Surveying and Land Information System" a journal for the American Congress on Surveying and Mapping and society newsletters in the United States and Canada. Alan has also presented numerous Technical Sessions and Workshops on matters related to geodetic surveying, State Plane Coordinates, Least Squares, Compatibility of GPS with Conventional Measurements, Trimble Business Center Software, and The Sources of Errors and Their Consequences for Conventional Surveying.

Bryan Haynie

Bryan Haynie is Vice President/Chief of Surveys at Century Engineering, Inc. in Hunt Valley, Maryland where he has worked for 29 years. He is a Professional Land Surveyor licensed in Maryland, Pennsylvania and Virginia. He is currently the Chairman of the Baltimore Chapter of the Maryland Society of Surveyors, a member of the MSS Board of Directors and works on the MSS Board's Workforce Development Committee.

Steve Jones

Steve Jones' surveying experience spans nearly 40 years from being a field surveyor, an office survey technician, to being a Professional Land Surveyor in Maryland, Virginia and the District of Columbia. With almost 30 years of being involved with the Maryland Society of Surveyors and a past president of MSS, Steve has had plenty of exposure with the development process of the minimum standards. As head of Special Surveys at Charles P. Johnson and Associates, his 32 years with the firm have allowed him to develop processes that he'll share to keep your surveys compliant with the minimum standards.

TJ Frazier

TJ Frazier is a professional land surveyor, licensed in Maryland, West Virginia and Delaware. Most of his 30 years in the profession have been focused on the central Maryland region. TJ is the immediate past president of MSS and currently chairs the Workforce Development committee.

Tom Little

Tom Little is a Certified Floodplain Manager and Licensed Insurance Broker. For 13 years, he has studied the science of flood mitigation with a concentration on wet and dry floodproofing techniques and their ability to not only protect structures against the devastating effects of flood waters but also how these systems and approaches can reduce flood insurance costs for property owners. His experience has been in developing innovative flood vent and flood barrier products through manufacturing, testing, certification, and marketing. He has appeared on PBS's *This Old House Jersey Shore Rebuilds* Series as a Floodplain Management expert. Tom is a published author, writing an article entitled *When Wetter May Be Wiser*, which ran in the June 2013 issue of *The Construction Specifier*. Tom is currently the Vice President at Smart Vent Products, Inc and the Flood Risk Evaluator a division of Smart Vent. In 2014 he co-founded the Risk Reduction Plus Group, which is an Insurance Agency that specializes in NFIP Flood Insurance and Private Flood options.

Jeffery N. Lucas

Jeffery N. Lucas is in private practice in Birmingham, Alabama. Lucas has been in the surveying business since 1976. He is a licensed land surveyor registered in Alabama, Florida, Georgia, Mississippi and Tennessee. Lucas is a licensed attorney and was admitted to the Alabama State Bar in 2003. Lucas is the author of "Alabama Boundary Law," "The Pincushion Effect, The Multiple Monument Dilemma in American Land Surveying" and "Illinois Boundary Law." He has also authored over 100 articles on surveying and boundary issues and writes a regular column for P.O.B. Magazine since 2004. He is currently the Alabama Division Manager for ESP Associates, P.A.

Kurt Luecke

Certified Floodplain Manager. Provides continuing education programs on flood mitigation and impacts on flood insurance for all parties involved in floodplain design, build, and habitation. Analyzes role of FEMA/NFIP regulation in IRC/IBC building codes for Architects, Building Code Officials, Contractors, Engineers, Floodplain Managers and Surveyors. Reveals how existing code impacts the health safety and welfare of the homeowner and how compliance can mitigate flood risk, lower flood insurance cost and make the home more resilient to flood events.

Michael Maguire, MA, LS

Michael Maguire, MA, LS is a Maryland licensed surveyor with more than 45 years of experience in surveying and mapping. He is currently co-owner and president of A/I/DATA, a subsurface utility engineering (SUE) firm that provides underground utility investigation and mapping services. His firm serves the needs of public and private sector clients primarily in the mid-Atlantic states. Mike is a current member and past president of the Maryland Society of Surveyor.

Brian Naberezny, PLS, GISP

Brian is an Instructor of Surveying in the Civil and Environmental Engineering Department at the Pennsylvania State University. His diverse work experience includes traditional boundary and land development surveying; software development for several Departments of Transportation; serving as a Geospatial Analyst and Operations Manager for a U.S. Department of Energy funded research project; working as a self-employed consultant developing and implementing technological solutions for surveying and mapping applications; and teaching surveying and mapping courses and workshops at the undergraduate level as well as for practicing and aspiring professionals.

Brian earned a B.S. in Surveying from the Pennsylvania State University and a M.S. in Spatial Information Science and Engineering from the University of Maine. Mr. Naberezny is a licensed Professional Land Surveyor in the State of Maine and a certified GIS Professional.

James Shaw, Prof. LS

James M. Shaw, Jr. is a Maryland Licensed Professional Land Surveyor with 29 years of experience. He is a contributing writer for xyHt Magazine, a current MSS Board member, the Chair of the MSS Technology Committee, the MSS Liaison to MSGIC, a Past-President (2013-2014) of the MSS, the 2012 MSS Surveyor of the Year, a trustee for the MSS Educational Trust, and a member of the CCBC Survey Technology Advisory Board and the CCBC Geospatial Applications Advisory Board. Mr. Shaw has been providing LiDAR services for a decade. Currently, he is employed by Greenman-Pedersen, Inc. as a Geomatics Project Manager.

Kevin Wagner

Kevin Wagner is a Natural Resources Planner with Maryland Department of the Environment (MDE). MDE is the State Coordinating Office for the National Flood Insurance Program (NFIP), and Kevin manages the Federal Emergency Management Agency (FEMA) Community Assistance Program – State Support Services Element (CAP-SSSE) for Maryland. In that capacity, Kevin provides technical assistance to 142 communities (county and municipal governments) that participate in the NFIP as well as a variety of other stakeholders including property owners, local officials, developers, licensed professionals, etc. Kevin helps people understand the regulatory requirements of the NFIP while also balancing any political and/or development pressure they may be facing. Kevin's involved with a variety of state and regional groups, conducts training, provides permitting and compliance assistance, and assists with community outreach efforts. Kevin has over 20 years of experience, and has worked with MDE for 17 years. During his early years at MDE, he surveyed repetitive flood loss properties with a survey-grade GPS throughout the state, and built a GIS database of the properties to be incorporated into state and local hazard mitigation plans. Kevin also coordinated Maryland's Comprehensive Flood Management Grant Program that provided a state match to local flood mitigation projects. Prior to joining MDE, Kevin worked in the private sector at a civil engineering firm for 3 years as a Surveying and Environmental Technician. Kevin is a lifelong resident of Maryland, born and raised in the Baltimore area. He received his Associate's degree in Environmental Science from Anne Arundel Community College, Bachelor's degree in Environmental Analysis & Planning from Frostburg State University, and a Land Surveying Certificate from the Community College of Baltimore County at Catonsville. He also completed additional coursework at FEMA's Emergency Management Institute (EMI).