

2018 Surveyors' Conference Presenters

Mark Amirault, is an Account Executive for the Klein Agency, LLC. Mark is responsible for providing insurance coverage and review to all facets of the design community. Throughout the Mid-Atlantic, Mark is a frequent presenter of continuing education sessions on insurance, risk management and business topics for civil engineers and land surveyors. In 1999 he received his BS from the Carroll School of Management at Boston College. Prior to joining the Klein Agency, Mark was a marketing representative responsible for completing RFPs for a large custodial bank, and was then an insurance underwriter with a focus on small to mid-size contractors. Mark joined the Klein agency in 2006, and after a year working at Klein's headquarters in Maryland he opened the Philadelphia office.

Jonathan Austin is a senior geomatics technician with Greenman-Pedersen, Inc. Austin is a 2010 graduate of Virginia Tech with a B.A. in Geography and has been working in data collection for 6 years. In his current position, Austin processes and manages mobile LiDAR data and imagery and is a UAS pilot.

William E. Beardslee, PE, PLS, PP is a licensed Professional Land Surveyor, Engineer and Planner with over 45 years' experience in the field of land development. He is known for his excellent presentation and writing capabilities, along with being one of the leading technical experts on land development in the engineering and surveying arena. Bill has made over 2,000 presentations on engineering and surveying projects to local and state agencies. Prior to his retirement, he was the owner and Director of Engineering for Beardslee Engineering Associates in Sparta, NJ.

Bill has taught numerous seminar programs at the high school, college and professional levels for over 30 years. He holds a Bachelor of Science in Civil Engineering from New Jersey Institute of Technology and a Master of Arts Degree in Corporate & Organizational Communications from Fairleigh Dickinson University. Now retired in North Carolina, he stays active in business development for Davis-Martin-Powell in High Point, NC, and is an approved Continuing Education provider in his home state.

William J. Beitler, PLS, SEO started his surveying career as a teenager in the 1960's giving back sites and holding the dummy end of the chain. He was licensed in 1977 and immediately opened Beitler Land Surveying. Bill's favorite type of surveying is rural boundary surveys. He has given presentations on surveying to historical societies, surveying groups and continuing education to the Lehigh County Bar Association. He was a past president of the Pennsylvania Society of Land Surveyors and in 2011 he received the Surveyor of the Year Award.

Andrew Bennett, PE, is employed by Pennoni Associates Inc. and has been a licensed engineer in the Commonwealth of Pennsylvania for 19 years. He graduated with a B.S. from Lehigh University in 1988 and a M.S. in Civil Engineering in 1993. He has performed site design, stormwater analysis, and erosion and sedimentation control design on a variety of projects, including small and large residential subdivisions, commercial developments, and manufacturing facilities. Mr. Bennett has taught an internal company stormwater design course for over 10 years.

Chip Berniard has enjoyed a 17 year career with Trimble engaged in a variety of roles from Applications Engineer, QA Systems Testing, Survey Business Area Product Specialist. Survey Sales experience includes Field Support Engineer, Regional Account Representative, and currently Technical Sales providing distributor and key customer pre-sales support in emerging technologies. Some of the current specialties include the Trimble UAS aerial mapping and surveying system, along with terrestrial based photogrammetry, and the software solutions that

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enable the required customer deliverables. He graduated from the University of Florida in 1999 with a Bachelor of Science degree in Geomatics from the College of Civil Engineering.

Dimitrios Bolkas, Ph.D., is Assistant Professor of Surveying Engineering at the Pennsylvania State University, Wilkes-Barre Campus. He has a diverse geodetic and geoscientific experience that includes terrestrial, mobile, and airborne LiDAR, satellite derived digital elevation models, GNSS networks, geoid and gravity-field modeling. Furthermore, he has been a professional engineer in Greece since 2011. His main research interest is quality assessment and refinement of geodetic data and models, as well as the exploration of the synergies that exist in them. His work has appeared in several peer-reviewed scientific journals including the Journal of Geodesy and Journal of Surveying Engineering, and presented in various international scientific meetings

Mark Brinkash, PLS is employed with Brinkash & Associates, Inc. in Ashland, PA. He is a graduate of the Penn College of Technology Surveying Technology program and has been licensed since 2010. Brinkash officially began his surveying career in 1996 with Gasperetti & Brinkash Professional Land Surveyors, which later became Brinkash & Assoc. Mark is a State Director for the PLSL Susquehanna Chapter and Chair of the Standards of Practice Committee.

Michael F. Brinkash, PLS, President of Brinkash and Associates, Inc., Mike began surveying part-time in 1969 while a junior in High School and after graduation (1971) worked in surveying full time while taking correspondence courses in Surveying and Engineering. Enlisted in the United States Army Reserve in 1972, followed by 6 months of active duty and was honorably discharged in 1978. In October 1977, he was licensed to practice land surveying professionally in PA and licensed in NY in 2009. 1978 Sole-proprietor of a land surveying business, 1981-1998 partner in the land surveying business of Gasperetti & Brinkash and 1999 to current, President of Brinkash and Associates, Inc. offering surveying and engineering services. 1987/88 Served as the PLSL Representative to the NSPS Board of Governors. 1989/90 Served as President of the Pennsylvania Society of Land Surveyors (PSLS). 1991 Recipient of the PLSL Surveyor of the Year Award. 1997 Authored and Published: "County and Municipal Boundary Descriptions", 472 page professional textbook. Donated copyright to the PLSL. 2011 appointed to serve on the State Registration Board for Professional Engineers, Land Surveyors and Geologists. 2015/16 served as President of the State Registration Board. 2011 to current, Member of the NCEES. Presenter for Continuing Education Workshops from 1995 to present on surveying subjects, i.e. Astronomic Observations (sun shots), Easements – written and unwritten rights, Riparian Boundaries, County and Municipal Boundary Retracement Surveys, Case Law studies involving "rules of construction", etc.

Scott Butcher is an experienced professional services marketer, published author of articles and books, avid photographer, and public speaker. He has held a marketing professional certification since 1993. A Fellow of SMPS, Scott has also been honored with such awards as the Central Penn Business Journal Forty Under 40 and Leadership York Outstanding Alumnus of the Year. He holds a BS in Marketing from The Pennsylvania State University.

Gregory H. Clark, PLS, was licensed in 1980 to practice Land Surveying in Pennsylvania. Early on, Greg worked for a surface mining company in reserve analysis, permitting, and boundary surveying. In 1985 he began private practice offering Surveying services in northwest PA. Greg gives much credit to those early mentors leading to his primary focus on Boundary Retracement surveying. Whether the history and mystery of retracement takes one back twenty years in time or 200 years, each has its unique circumstances and bits of evidence to consider. On many occasions Greg has provided expert testimony in court regarding land boundaries.

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John Cooke joined Wetland Studies and Solutions, Inc. in the fall of 2009 after working as an independent consultant and AutoCAD® instructor for over twenty years. Mr. Cooke presently operates the CivilTraining, LLC division of Wetland Studies and Solutions, Inc., a Davey Tree Company, and supports Engineering, GIS and Surveying technology efforts within the office and for other clients nationwide.

Mr. Cooke has been continuously affiliated with Autodesk Civil/ Survey applications since 1987, functioning initially in development and then in consulting and training roles. He has an extensive background in the development, implementation and training of Autodesk AEC Civil Engineering, Surveying, GIS and BIM solutions. He has provided training to thousands of individuals nationwide, assisted numerous clients in implementing Civil software, CAD standards and practices, and provided project consulting to many clients in unusual or challenging project applications. His experience level covers a spectrum from wide-area network-based systems for large international clients to individual data collection and mapping stations for survey sole practitioners. Mr. Cooke's training experience ranges from multi-discipline firms at national and regional levels to individualized field survey training in subway tunnels under New York City.

Dr. Frank Derby, is currently an Associate Professor of Surveying and Geographic Information Systems. He holds a Ph.D. from the University of Florida (Gainesville). Dr. Derby has extensive international experience in Surveying and Land/Geographic Information Systems. His areas of interest include land tenure, land records management, and cadastral information Systems. He has practiced land surveying in the United Kingdom, Peru, Ghana, Tanzania, and in the Caribbean. He has also served consultant to the World Bank and the Commonwealth Secretariat of the Great Britain (under the Commonwealth Fund for Technical Cooperation). At Penn State University, Dr. Derby has taught many courses including GIS, Route and Construction Surveying, Photogrammetry, Parcel-Based Information Systems, and Cadastral Surveying.

Joseph M. Dolan, LS, Mr. Dolan has been a licensed Professional Land Surveyor in New Jersey since 1977 and a Professional Planner since 1979. He has experience as a sole practitioner and a principal- partner in a mid-sized 28 person, multi-disciplined firm. He has successfully operated both union and non-union practices.

Mr. Dolan has experience in all types of general surveying projects. He specializes in interior surveys of existing industrial, hotel and casino facilities to furnish Architects and Engineers with working drawings for renovations and building conversions. He has completed successful projects of this variety in New Jersey, Delaware, Connecticut, Massachusetts, Pennsylvania and Mississippi.

Mr. Dolan has been an expert witness for a number of insurance companies, attorneys and the New Jersey licensing board, covering a wide range of cases.

Krista Donbaugh, has over 20 years' experience in human resources and business administration. Her areas of expertise involve the management of administrative and HR functions including employee development and training, compliance, reward and recognition strategies, leadership and strategic vision development, and coordination of HR systems for business success. Krista's varied experience in her career includes regional and national-level HR administration in the human services industry and, most recently, the manufacturing industry. Krista earned a master's degree in Organizational Development and Leadership from Shippensburg University. She is a member of SHRM (Society for Human Resource Management) and a certified Senior Human Resources Professional (SPHR).

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John Dunkle, Jr is an Assistant Survey Manager, and UAV Project Manager at The EADS Group. He is a certified remote pilot.

Kenneth J. Fronheiser, PLS is a professional licensed land surveyor in the Commonwealth of Pennsylvania with over 17 years of land surveying experience. During that time, Ken has been responsible for a wide variety of surveying projects to include: Topographical, Boundary, Construction Layout, RTK/GPS, GIS mapping, Bathometric, and Laser Scanning. Ken has worked for a variety of clients that span from private, public, educational institutions and government agencies. Currently Ken is a Sales Consultant for Keystone Precision Instruments.

Dr. Charles D. Ghilani, is a professor emeritus of surveying engineering in the Pennsylvania State University. He received his Ph.D. in Civil and Environmental Engineering from the University of Wisconsin-Madison in 1989. He has been involved as an instructor in surveying/geomatics education for more than 35 years and has presented workshops on statistics, least squares adjustments, state plane coordinates, and GNSS to surveying practitioners across the country. He has written over one-hundred papers and is the author of Adjustment Computations: Spatial Data Analysis, sixth edition and Elementary Surveying: An Introduction in Geomatics, 15th edition. He is a past president of the Surveying and Geomatics Educators Society (SaGES), president of the American Association for Geodetic Surveying and the editor of Surveying and Land Information Science. He is an ACSM Fellow and has received numerous university and professional awards including the Earle J. Fennel Award from ACSM in 2001, Milton S. Eisenhower Award for Distinguished Teaching at Penn State in 2013, and became an honorary member of the PLS in 2015.

Lester L. Greevy Jr., Esq., is a principal of Greevy & Shoemaker, Williamsport, Pa., and has more than 40 years of practice experience in Lycoming County, concentrating his practice in the area of oil and gas law. He is well experienced in associated real estate and environmental issues, and has worked extensively in most of the counties included in the Marcellus Shale Play. Greevy works regularly with the Pennsylvania Department of Environmental Protection and Pennsylvania's other regulatory agencies, focusing on clean water issues. He represents private landowners and groups negotiating oil and gas leases with the industry involving hundreds of thousands of acres, and also provides counsel on title issues and resource management and estate planning.

Brian E. Halchak is a geomatics engineer for The Williams Companies, Inc. who has been with the company since 2014. He has degrees in Civil Engineering and Surveying Engineering from The Pennsylvania State University and is currently pursuing a Master's Degree in Geotechnical Engineering. Mr. Halchak has experience in many facets of geomatics and civil/geotechnical engineering. This includes LiDAR data collection and processing, photogrammetry, Geospatial Information System data analysis, GNSS measurement and processing, and design of landslide remediation plans. Over the past few years Brian has been involved in many operating areas within Williams. He has performed work in Louisiana, Texas, Pennsylvania, Colorado, and West Virginia functioning in multiple different roles.

Howard S. Hodder Jr., MGIS, GISP, is the Geomatics Practice Area Leader, which includes Geographic Information Systems (GIS) and Surveying, for Herbert, Rowland & Grubic, Inc. He is an Associate of the firm and has over 19 years of experience. During his tenure with HRG, he has been responsible for multiple tasks associated with the development, implementation and support of various geospatial solutions for private and public sector (local, state, federal) clients. He earned a master's degree in Geographic Information Systems (MGIS) from The Pennsylvania State University and a bachelor's degree in Geography and Environmental Planning from

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Bloomsburg University. Howard is also a certified Geographic Information Systems Professional (GISP). Howard is the current PA-MAPPS president and representative on the Pennsylvania State Geospatial Coordinating Board.

William Henning, PLS, is a registered Professional Land Surveyor with more than 45 years of active experience in all phases of surveying technology. He has been the project lead for new height modernization geodetic networks in county-wide projects in the U.S., where he planned, helped construct, processed, adjusted and managed new geodetic control systems. He has more than 19 years' experience working with various GNSS manufacturers' real time positioning systems. Henning is past president of the American Association for Geodetic Surveying (AAGS) and is an ACSM/AAGS Fellow. His accolades include the NOAA Administrator's Award for outstanding accomplishment in producing real time GNSS positioning guidelines. Currently, he is retired from NOAA's National Geodetic Survey (NGS) as a geodesist, where he helped develop guidelines and support methodology for real time GNSS positioning with state, national, and international organizations.

Mark Hummel, PLS, began his surveying career in 1983 in West Palm Beach, Florida, then furthered his career in 2006 by moving to Pittsburgh, Pennsylvania. He possesses a degree in both Architectural and Civil Technology and an Associate Degree in Land Surveying. Mark taught surveying for more than 12 years at Palm Beach State College and has been teaching at Community College of Allegheny County for more than two years. Mark became active with PLS in 2005 prior to moving to Pennsylvania. He has served on the PLS Southwest Chapter as Treasurer and Board Member. Mark currently serves on the PLS Executive Committee as Vice-President.

Rick Johnston has worked in the field of GPS survey and cartography for over 25 years. Currently he is the director of aerial services for Skelly and Loy, Inc. He holds a FAA Part 61 Private Pilots Certificate as well as a FAA Part 107 Remote Pilot Certificate.

Dustin J. Keiser is an adjunct professor with the Harrisburg Area Community College. D.J. is currently the Chief Operating Officer of ArticBlu, LLC. D.J. has spent several years as an independent business consultant following a successful career in Criminal Justice.

Maurie Kelly is a representative from Pennsylvania Spatial Data Access (PASDA), the official public access geospatial information clearinghouse for the Commonwealth of Pennsylvania, will present this workshop. PASDA was developed by the Pennsylvania State University as a service to the citizens, governments, and businesses of the Commonwealth. PASDA is a cooperative project of the Governor's Office of Administration, Office for Information Technology, Geospatial Technologies Office and the Penn State Institutes of Energy and the Environment of the Pennsylvania State University.

John P. Lynch, PLS has been with Control Point Associates, Inc. for over 20 years of his 30 years of experience within the land surveying industry. As Director of Survey, John ensures quality control guidelines are followed and implements a zero tolerance policy for deviating from company norms. John conducts in-house seminars to advance training and overall competency of field and office personnel. John brings extensive experience with ALTA/ACSM Land Title Surveys to all markets within the land surveying industry. John is registered as a Professional Land Surveyor in Pennsylvania and 10 other states.

Mark S. Maguire, GISP is a certified Geographic Information Systems Professional (GISP) with over 13 years professional experience providing GIS and data management services to clients across many disciplines. As a GIS and Technology lead and Project Manager at CEC, Mr. Maguire oversees GIS analysts and software developers that

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routinely develop relational databases and GIS-based web applications. He has utilized GIS and related technology to analyze, develop, and maintain geographic data for environmental impact assessment, alternatives analyses, and routing studies for projects related to energy, waste management, mining, and ecological preservation. He has particular experience in environmental compliance applications with focus on data automation and custom reporting.

Kenneth Martin is the owner of Martin's Aviation Services. He is an FAA certified commercial and instrument pilot in single and multi-engine airplanes and single engine helicopters, an FAA certified single and multi-engine and instrument airplane flight instructor, and Advanced Ground instructor. Martine spent 28 years with the Pennsylvania State Police, including 10 years as an Accident Reconstructionist. His last four years with the State Police were served as an airplane and helicopter pilot with the Aviation Unit.

Matt Mercurio, GISP, has a 17 year career as a GIS professional at non-profits and in local government that has attuned him to the critical needs of small organizations. He specializes in testing new ideas to carry out innovative approaches for solving tough problems in GIS and geospatial data management, and is now taking these innovative problem-solving ideas and skills into the business world. Matt co-founded two geospatial technology companies in 2015 and serves as Geospatial Technology Officer (GTO) at both. He also provides professional services to several other companies and organizations that require assistance in the use of geospatially enabled tools and data to maximize business efficiency. Some of his current projects include development and commoditization of accurate ortho-image products from drones, enabling geospatial technologies for emergency 911 services, and providing geodata management and development services for civic projects. Matt obtained a B.S. in Geoscience from Penn State and a Master's degree in Geology from Ball State University.

Robert R. Miller, PLS, is a licensed Professional Surveyor in Pennsylvania. He is a past state president of the Pennsylvania Society of Land Surveyors, and is a founding trustee of the Pennsylvania Land Surveyors Foundation. Robert was honored as the PLS 2008 Pennsylvania Surveyor of the Year, and is the National Society of Professional Surveyors Director of Pennsylvania, representing the surveyors of Pennsylvania in Washington as a liaison for educational, legislative, and public relation initiatives. He also serves as the Pennsylvania chairman of the NSPS Trig-Star program and sits on the NSPS ALTA/ACSM Standards Committee, where he was involved in the preparation of the 2011 ALTA/ACSM Standards. For the past 19 years, Robert has been teaching workshops in basic and applied survey mathematics, construction surveying, writing legal descriptions, ALTA surveys, and boundary survey law.

Lemuel Morrison, LS is a Vice President at HAKS. He is a licensed surveyor in 8 states from DC to Boston and a member of RICS. He holds a BS in Land Surveying from the Ohio State University and an MBA from the Zicklin School of Business at Baruch College. From 2004-2010 Lem was also an assistant professor at the NYC College of Technology (CUNY). He taught land surveying and 3D scanning. He currently resides in Manhattan with his wife and daughter and continues to look for lost markers.

Laurel F. Mueller is a Certified Professional Soil Scientist and Soil Classifier, and began delineating jurisdictional wetlands in PA and NJ in 1985. She was originally trained in wetland classification by US Fish and Wildlife, while conducting soil survey mapping in the Cascade Mountains of Oregon. Since 2009, she has co-trained "Hydric Soil Indicators" with Frank Plewa of the US Army Corp of Engineers Baltimore District, and USDA-NRCS & PAPSS soil scientists. Laurel has a 1977 MS Degree entitled "Resource Conservation/ Land Capability Analysis" from University

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of Montana, School of Forestry (Soil Science, Geomorphology, Remote Sensing) and a 1974 BS Degree in Resource Economics from University of New Hampshire, Institute of Natural and Environmental Resources (Land Use Planning, Community Development).

Since 1984, Laurel has served as President, Owner, Consulting Soil Scientist, and Geomorphologist for Soil Services Company, Inc. After 20 years of operation in Bucks County, the firm moved to the family farm in Sullivan County and currently serves about 40 counties. In 2009, she launched Mountain Wastewater Management for sales and service of alternate sewage system components. Soil Services has no staff surveyors or engineers. Laurel has been an associate member of PSLs for 3 decades "out of respect for surveyors."

The soil science consulting firm specializes in reconnaissance soil inventory for due diligence in land acquisition and soil-based planning. Detailed soil maps focus on landscapes for feasible sewage system and stormwater facilities, and the extent of regulated waters and wetlands.

Randall Myers, PLS has A.S., B.A. and M.S. degrees from Penn State and West Virginia Universities. Myers has owned his own business since 1981 and has completed over 10,000 surveys, concentrating on residential boundary surveys, mostly on properties that have not been surveyed since the civil war. He has instructed college courses for 10+ years, and served as a presenter for PSLs, NSPS, MSLS, PASEO, and WVPLS, as well as the Surveyors Historical Society. Myers is licensed in PA, MD, WV, and OH. When not working, Myers travels and has visited Moscow, Russia, and several cities in China a part of the People to People Ambassador's Program.

Brian J. Naberezny, PLS, GISP, is an Instructor of Surveying in the Civil and Environmental Engineering Department at the Pennsylvania State University. He is a graduate of the Surveying Program at the Pennsylvania State University and received his 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.

Dr. Tony Nettleman is a Land Surveying Engineer and Attorney who holds the distinguished position of professional assistant professor at Texas A&M Corpus Christi, teaches continuing education courses for attorneys and land surveyors, provides online test preparation modules to help land surveyors become licensed in all 50 states, and serves as an expert witness in boundary, easement, title and riparian disputes. He holds a BS, MS and PhD in geomatics and a law degree. Tony has helped over 100 land owners resolve land disputes and determined professional negligence for dozens of professional surveyors. Tony has also published many articles in peer-reviewed journals and professional trade magazines. He is licensed as a Florida attorney and a Florida and Texas professional surveyor.

Heather Nicholson is currently a graduate student in the department of Geodesy and Geomatics Engineering at the University of New Brunswick (UNB), Fredericton, New Brunswick, Canada. Heather is a 2015 graduate of the Pennsylvania State University's department of Surveying Engineering. Her current research includes kinematic Precise Point Positioning (PPP) and GNSS-based atmospheric studies. She can often be found teaching geodesy and geomatics courses. Ms. Nicholson has also worked as a Land Surveying technician, including time as a Hollings Scholar for the National Oceanic and Atmospheric Administration.

Robert H. Piligian, PLS is a 1985 graduate of The Pennsylvania State University, Wilkes-Barre campus with a degree in Railway Engineering Technology. He has been employed in the surveying field since graduation,

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working for such firms as George B. Standbridge Associates and Bascom & Sieger. Mr. Piligian is the owner of Bascom & Sieger, Inc. of Allentown, PA. He has taught Plane Surveying at Lehigh Carbon Community College and Lehigh University as well as presenting numerous railroad-related seminars to Land Surveyors. Mr. Piligian was Project Surveyor and Project Engineer for Atlas Railroad Construction Company during the reconstruction of the Norristown High Speed Line of SEPTA from 1993 to 1995. He has performed railroad related design services for several railroad companies including Reading & Northern Railroad, Western Maryland Scenic Railroad, and East Penn Railways. He has been actively participating in several tourist railroads since 1976 including New Hope & Ivyland Railroad, Wilmington & Western Railroad, Penns Landing Trolley, Blue Mountain & Reading Railroad and Wanamaker, Kempton & Southern. Mr. Piligian has been an active member of PSLS since 1990.

Scott R. Reeser, PLS, has more than 25 years of experience in surveying and design. He has been a licensed Professional Land Surveyor in Pennsylvania since 2008, and also holds surveying licenses in New York, West Virginia and Colorado. He is a member of the PSLS Executive Committee, currently serving the Society as Vice President. Throughout his career he has worked for small to mid-sized firms, gaining experience in various surveying and engineering design projects. Currently, he is the survey manager for the Northern Tier office of a mid-sized surveying engineering firm, and is responsible for survey projects in the Marcellus Shale exploration, as well as boundary and topographic surveys. He has been a frequent presenter at the annual PSLS conference.

Kristi M. Reichard, is the Marketing & Business Development Manager for Raudenbush Engineering. She holds a B.A. in Communications/Journalism from Shippensburg University. Ms. Reichard has a wide-range of experience in providing professional services marketing for the engineering industry. She is involved in corporate marketing, recruiting and business development activities for Raudenbush.

Byron W. Rimmer, PLS is a Professional Land Surveyor in PA, N.J. and Del. He has worked in the surveying profession for over 56 years. He is currently retired from every day surveying and was the Vice President and Chief of Surveys for Toll Brothers, Inc. the top luxury home builder in the country. He put together grading guidelines for numerous house types that are utilized throughout the survey profession.

He is Past President and has held all offices for PSLS. As a member of the Bucks Chapter, he held offices of President, Secretary and State Director. He is a member of PSLS and NJSPLS. He is a member of the Doylestown Lodge #245 F&AM and Lodge Council Chapter Consistory in the Valley of Allentown. Byron is the Chairperson of the Board of Trustees at his church and is the Vice-Cordinator of the New Britain Baptist Food Larder which serves food to the less fortunate.

Heather Dohn Ross works in the Donald W. Hamer Center for Maps and Geospatial Information of the Penn State University Libraries where she has worked for over 15 years. She has long fostered an appreciation of maps born from a childhood of sailing and reading nautical charts and maps, and atlases. She holds a BS and MS in Experimental Psychology from Syracuse University.

James M. Shaw, Jr. is a Maryland Licensed Professional Land Surveyor, writer, public speaker, and technology evangelist. His 29 years of experience has placed him firmly in the leadership of Maryland's geospatial community, being an active Board Member of the Maryland Society of Surveyors (MSS), a Past President of the MSS, a former MSS Education Trustee, the ongoing MSS liaison to the Maryland State Geographic Information Committee, a frequent speaker at geospatial conferences throughout the State, and the honor of being the 2012 Maryland

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Surveyor of the Year. Mr. Shaw has also earned national attention as a contributing writer for xyHt Magazine and as a recent featured guest of the nationally broadcast National Society of Professional Surveyors Radio Hour.

John A. Shoemaker, Esq., is a principal in Greevy & Shoemaker, Williamsport, Pa. He earned a degree in accounting from Kings College, a JD from the Penn State Dickinson School of Law, and has received extensive practical training from Lester L. Greevy Jr., Esq. Shoemaker concentrates his practice in lease and title analysis and litigation. His work includes title research; analyzing severances of mineral estates; and resolving defects in title to real property, particularly title to oils, gases, and minerals. He litigates a wide variety of issues, including problems peculiar to ancient tax sales and unseated land, the Dunham Rule, and other oil- and gas-related legal issues unique to Pennsylvania, and unseated land, the Dunham Rule, and other oil- and gas-related legal issues unique to Pennsylvania. Shoemaker is a member of the Energy & Mineral Law Foundation.

Thomas Smith, PE, PLS, received a Bachelor of Science in Civil Engineering from The Pennsylvania State University in 1974 and a Master of Civil Engineering from Villanova University in 1986. He is a licensed Professional Engineer and Land Surveyor in Pennsylvania. He has over 40 years of experience in civil engineering practice working in municipal engineering and in private practice. He is principal of Bercek and Smith Engineering, Inc. of Royersford, PA, reflecting ownership of his Civil Engineering and Land Surveying business for 28 years. He has extensive expertise in Floodplain studies, Stormwater Management and design of Subdivision and Land Development projects. Mr. Smith is a major contributor to the Virginia Tech, Penn State Urban Hydrology computer model, having been a guest instructor for 30 years. He has authored the computer modules for Rational Hydrographs, Basin dewatering, swale design and has contributed to the overall development of the software since its inception.

Thomas A. Seybert, Ph.D., PE, is Professor Emeritus of Engineering at Penn State Wilkes-Barre. While teaching at Penn State Wilkes-Barre, he was responsible for the delivery of the stormwater management and land development design courses in the baccalaureate surveying program. He was also responsible for the introductory course in surveying taught to both associate and baccalaureate degree students. His research and consulting interests include mitigation of stormwater runoff issues and watershed protection planning. He is the author of the book "Stormwater Management for Land Development Design." He is actively involved in continuing and distance education efforts in both surveying and engineering. He has participated in the annual Pennsylvania Surveyors' Conference since 1991 and he is the current chairperson of the annual Penn State short course "Computational Methods in Stormwater Management." He received his B.S., M.S. and Ph.D. degrees in Civil Engineering from Penn State. He is a registered professional engineer in Pennsylvania.

Michael Venuto, PLS, PE has been a dedicated public service employee for the last fifteen years and currently serves as Chief Engineer at the Delaware River Port Authority. The Delaware River Port Authority plays an important role of stewards of public transportation assets. He is a NJ Licensed Professional Engineer and Professional Land Surveyor in the State of New Jersey. As Chief Engineer, Michael oversees the approximately \$750 Million Dollar five-year capital program ensuring that DRPA/PATCO's assets are maintained, improved and protected for the benefit of the citizens we serve.

Michael holds a B.S. in Civil Engineering from Rutgers University, an MBA from Lehigh University and a B.S. in Surveying Engineering Technology from New Jersey Institute of Technology. Mr. Venuto is a licensed Professional Engineer and licensed Professional Land Surveyor in the State of New Jersey. He is also a member of the New Jersey Society of Professional Land Surveyors.

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Matthew D. Warner, PLS is the Geomatics Service Group manager with the firm of Herbert, Rowland & Grubic Engineering, Inc. (HRG) and a Licensed Professional Land Surveyor in the Commonwealth of Pennsylvania and the State of New York. In Matt's 14 years of experience with HRG his team has specialized in the development of innovative geospatial technology applications and multidisciplinary approaches to diverse project needs. Matt is currently the PLS Representative to the Governors Geospatial Coordinating Board, a member of the Pennsylvania State University Surveying Engineering Program Industrial Advisory Committee. Matt's a graduate of the Pennsylvania State University, and holds Associate's Degrees in Surveying Technology, Letters, Arts and Sciences and a Bachelor's Degree in Land Surveying.

Ryan White is currently a Ph.D. candidate in the department of Geodesy and Geomatics Engineering at the University of New Brunswick (UNB), Fredericton, New Brunswick, Canada. Ryan is also a Bachelor of Science in Engineering alumnus of the Pennsylvania State University's department of Surveying Engineering in Lehman, PA. His current research includes precise orbit, velocity, and acceleration determination of Low Earth Orbit (LEO) satellites using GNSS observables as well as enhancement of the precise point positioning technique. Mr. White also regularly instructs undergraduate students at UNB in introductory Geomatics and has several years of experience as a land surveying technician.

Alexander Wood, is a graduate from the Penn State Surveying Engineering program. Being fairly new to the surveying community he is looking for ways to expand his knowledge of land surveying with the goal of becoming a licensed surveyor.

Dr. Esra Tekdal Yilmaz, Dr. Tekdal Yilmaz is an assistant professor of surveying engineering at Penn State Wilkes Barre since August 2015. She earned her PhD degree and MSc in Istanbul Technical (ITU) University Geomatics engineering department. She enrolled in double major program at ITU between civil engineering and geomatics engineering during her undergraduate education. She spent 14 months in Karlsruhe institute of technology, Institute of Applied computer science for her PhD. Her research interests are terrestrial laser scanning, deformation measurements and building information modelling.

Brian Yorkiewicz, PLS has over 20 years' experience in the land surveying profession. He is currently with SAS Geospatial of Warrington, PA. Brian has spent most of his career working on land development, construction stake out and as-built surveys, in both the field and office. He is a graduate of The Pennsylvania College of Technology with an Associate's degree in Civil Engineering Technology. He is a licensed Professional Land Surveyor in Pennsylvania, Delaware and Virginia. Brian has served as Chapter President and State Director for the Bucks chapter and is currently serves on the Executive Committee of PLS as State Secretary.

Kevin Zelinsky is the CADD/Cartography/GIS Department Manager and Associate with Remington & Vernick Engineers and Affiliates. He oversees the entire mapping operation for the firm's eleven regional offices located throughout Pennsylvania, New Jersey, Delaware and Maryland. Kevin received his GISP certification from URISA in 2004, earned his Certified Mapping Scientist, GIS/LIS certification from ASPRS in 2006, and received his Professional Certificate in Geomatics from Rutgers University in 2008. He has over thirty years of experience in the civil engineering and cartographic industry, and his municipal maps have been honored with a variety of awards for excellence. Kevin is an accredited teacher of GIS fundamentals to municipal employees in the State of New Jersey and is also a member of the GIS Certification Institute (GISCI) Outreach Committee, which

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encourages GIS students and professionals to attain the level of education and experience needed for GISP certification.