JONATHAN MORRIS, P.E. serves as the office manager of GHD’s Pennsylvania Practice. He has a Bachelor’s degree in Chemical Engineering from Lehigh University and a Master’s of Engineering degree in Environmental Engineering from Pennsylvania State University. Jon has extensive experience in water and wastewater systems engineering and is a licensed Professional Engineer in Pennsylvania and Virginia. He has served as the Project Manager for many different water distribution and wastewater treatment projects. His recent work includes study of watermain extensions and replacements, water storage tank rehabilitation projects, and various facility projects, including granular activated carbon treatment stations, water treatment plants, and booster stations.

JOSHDUB, EIT is the Project Engineer and Capital Planner at Entech Engineering. Josh has been involved with water and wastewater projects with 12 years of experience. He has a Bachelor’s of Science Degree in Civil Engineering from Lebanon Valley College. He has held leadership posts at New Jersey American Water, and was a reporter for 10 years. He is currently the President of the PA chapter of the American Water Resources Association (PA AWRA), and very involved in the Berks County Water and Sewer Association.

LORI BURKE, P.G. is a professional geologist with over 16 years of experience, specializing in water supply, source water protection, hydrogeology, and water quality. She is a Project Manager for Environmental Sciences, formerly Wachs Utility Services. Having served customers in the water distribution field for many years, Dave brings a wealth of experience in areas such as valve and hydrant assessments, unidirectional flushing, flow test programs and the integration of GIS data. A particular expertise of Dave’s is his ability to help utilities apply technology appropriately to improve customer satisfaction, increase efficiency and lower operating costs.

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2018 Conference Speaker Bios continued

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Michael T. Brown, P. E.
Michael T. Brown is the leader of the Planning and Asset Management Group in the Water Business Line of Gannett Fleming in Harrisburg where he has worked for over 20 years specializing in asset management and capital improvement programs. Mr. Brown is a registered professional engineer and has worked on numerous projects while managing and operating 15 treatment facilities, 6 reservoirs, 10 deep wells, 40 pumping stations, and nearly 300 miles of distribution mains. He has devoted over 5.5 million gallons of drinking water and 2.7 million gallons of sewage daily. Prior to his employment with SCMA, Mr. Brown served as a Consulting Engineer for 7 years managing the design of numerous capital improvement projects. He is currently managing their program to find and replace the utility’s lead service lines.

Sarah Bolenbaugh, PE
Sarah Bolenbaugh has over 15 years of experience in civil and environmental design, working on high - value projects for public and private clients in the areas of water and wastewater treatment plants, pump stations, remedial design, development of hydraulic distribution models and system management. Sarah manages the Pennsylvania State Senate’s Degree of Engineering in Environmental Pollution Control from the Pennsylvania State University. She is currently working as an embedded staff member at the Pennsylvania Department of Environmental Protection and is actively involved with multiple boards and associations in the water and wastewater industry. She graduated from Brown University with a B.S. in Environmental Engineering. She specializes in hydraulic modeling, is an ISI Envision Sustainability Professional. She graduated from the University of Delaware in 2014 with a B.S. in Environmental Engineering and a B.S. in Energy & Environmental Policy, and in 2016 with an M.C.E. in Water Resources Engineering. Currently, she works on a variety of design, modeling, and permitting pertaining to water, wastewater, and stormwater projects.

Virginia Thornton has been a Project Specialist at Gannett Fleming for almost two years. She graduated from the University of Delaware in 2014 with a B.S. in Environmental Engineering and a B.S. in Energy & Environmental Policy, and in 2016 with an M.C.E. in Water Resources Engineering. Currently, she works on a variety of design, modeling, and permitting pertaining to water, wastewater, and stormwater projects.

Steve Cavanaugh, Jr., PE
Steve Cavanaugh, Jr., PE, is a registered Professional Engineer in North Carolina, Virginia, and South Carolina. He is a member of the International Water Association – Water Loss Specialist Council. He is also the Chair of the Pennsylvania Water and Wastewater Operations Committee, which is the footsteps of his father, Dennis Kocak. She began her career proud, second generation water industry employee following the footsteps of her father, Dennis Kocak. She began her career with Pennsylvania American Water as a Lab Analyst at the Hays Mine Water Treatment Plant in 2007. In 2009, Sarah became the Water Quality Supervisor for Pa American’s Southwestern districts: Mon Valley, Johnstown, Murray, Brownsville, Uniontown, and Claysville. Her area of responsibility included the E.H. Aldrich Water treatment plant, the Brownsville Water treatment plant, and the Claysville Water treatment plant. In 2016, Sarah began working as the Water Quality Supervisor for the Municipal Authority of Westmoreland County at the Kmekeops Plant. She hold both Class A Drinking Water and Wastewater Operator licenses, including Class E and all subcategories for both certifications.

Mark Stoner is a native of the Latrobe area of Westmoreland County, PA and is a graduate of the University of Pittsburgh, holding a Bachelor's Degree in Chemistry. He has over 17 years experience in the water treatment industry, both industrial and municipal drinking water. Mark previously worked for 10 years as a chemist at the Pittsburgh Water and Sewer Authority, then 3 years as a Quality Assurance Manager at Sweeney Water Treatment Plant and current 3 years as Water Quality Supervisor for the Municipal Authority of Westmoreland County. In this capacity, he is responsible for oversight and institution of Water Quality measures both in the plants operated by MWAC as well as the extensive distribution system.

David Holland possesses skills in design, application and technical support for water/wastewater processes and membrane systems, and is involved in development and marketing of new products. He performs technical presentations for engineering firms in the areas of water treatment, sequencing batch reactor (SBR) denitrification, nutrient removal (NBR), water reuse, and membrane filtration/separation, and also gives presentations for technical Process and Product Application Seminars at PAAWAs’ Annual Conference. Dave has 39 years of experience designing, piloting, commissioning, and troubleshooting water and wastewater treatment systems. He has extensive knowledge of heavy metal removal, granular media filtration, ion exchange, deaeration/decarbonation, microporous media filtration, aerobic and anaerobic digestion, reverse osmosis, aeration, mixing, secondary biological treatment, clack media, and chemical treatment systems. In addition, he is experienced in the areas of weather forecasting, statistical analysis, and model development. He has been a contributing author to the book “Theme, Theory and Practice,” and published over 30 technical papers with six US patents issued to his credit.