

## 2018 Conference Speaker Bios

WEDNESDAY, MAY 9, 2018

## MANAGEMENT

2:00 PM - 2:30 PM

**MATTHEW JUNKER** has worked for the Municipal Authority of Westmoreland County as Public Relations Specialist for two years. In addition to PR activities, he oversees legislative communications and works with water quality staff on lead communications, policies and practices. Prior to that, he was chief of staff to the chairman of the Westmoreland County Board of commissioners, where he oversaw day-to-day operations of a \$340 million, 2,000-employee enterprise. He also worked in state government, and was a reporter for 10 years.

2:30 PM - 3:00 PM

**STEVEN J. TAMBINI** is the executive director of the Delaware River Basin Commission (DRBC). In this role he develops and implements plans adopted by the five-member commission relating to the water resources of the Delaware River Basin. He brings 30+ years of experience in water supply engineering and water resource planning, management and operations to the DRBC. Prior to assuming the executive director role, Steve served as VP of Operations at Pennsylvania American Water, held leadership posts at New Jersey American Water, and provided engineering leadership to American Water subsidiaries serving 12 other states that encompassed a wide range of water resource/supply challenges and projects. Over his career, Mr. Tambini has held leadership posts and contributed to water-related organizations, including AWWA, the National Assn. of Water Companies, and the Water Resources Assn. of the Delaware River Basin. He is currently a member of the American Water Resources Assn. and the Partnership for the Delaware Estuary, and serves on the board of directors for the Rancocas Conservancy. Mr. Tambini is a member of LeadNJ's Class of 2010 and the Pennsylvania Business Council Executive Leadership Program's Class of 2012. Steve holds a B.S. degree in Civil and Environmental Engineering and a M.S. degree in Environmental Engineering, both from Clarkson University in Potsdam, N.Y. He is a registered professional engineer in New Jersey and New York.

PM Break in the Exhibit Hall • 3:00 PM - 3:30 PM

3:30 PM - 4:00 PM

**JOHN MARCISZEWSKI** - Director of Business Development for Echologics, helps water utilities pilot and scale innovative practices for buried infrastructure management that promote: capital efficiency, system resiliency, and water loss management. He has 25 years of commercialization experience in high-tech, focusing on the water-energy nexus since 2005. John's current areas of interest include cloud-based monitoring technologies, condition-driven asset management, and water system valuation. He is an Industrial Advisory Board member for both the Sustainable Water Infrastructure Management Center, and the Financial Research Institute. John has a Master of Engineering from the University of California Berkeley and Bachelors in Mechanical Engineering from Kettering University.

4:00 PM - 4:30 PM

**MANDY ARNOLD** - Leading the charge at Gavin™, a digitally minded public relations and marketing agency, Mandy brings two decades of leading senior-level market strategy, brand development, crisis communications and public relations for regional and national brands. Her clients include Martin's Famous Pastry Shoppe, Inc. (Potato Rolls), Under Armour, Anheuser-Busch, Hair Cuttery, Sylvan Learning, R.J. Reynolds, Herr's Potato Chips, Marvin Windows and Doors, Wolfgang Candy Company, Stauffer's Cookies, Porter and Chester Institute, PA Dept. of Health, City of York, York Water Company and Penn Waste. Having managed comprehensive media strategies and messaging platforms within the C-suite, Mandy has advised organizations in the government, education, consumer packaged goods (CPG), technology, tourism and healthcare industries. Mandy holds a master's degree in Communications Management and a graduate certificate in Integrated Communications and Strategic Public Relations. Awards include: 2015 American Business Awards Agency of the Year, 2015 Small Business of the Year (YCEA), CPBJ 2011 Forty Under 40 and 2014 Women of Influence; Susquehanna Style Woman of Distinction. CPBJ 2012 Emerging Business of the Year finalist. Featured in Advertising Age's 2012 Smart from the Start Report.

**WILL PICKERING** is The Pittsburgh Water and Sewer Authority's (PWSA) communications manager where he manages the Authority's media relations, public outreach, social media and government relations programs. Prior to joining PWSA, he was Manager of Communications and Government Relations at the District of Columbia Water and Sewer Authority. In that role, he managed the communications program and spearheaded DC Water's interactions with the federal, District and neighboring local governments. Mr. Pickering joined DC Water after serving as a project manager for the President's Management Advisory Board of the Executive Office of the President. Prior to contributing to the Obama Administration, Mr. Pickering was Senior Policy Analyst for Legislative and Intergovernmental Affairs for the District Department of Transportation. He also served as a policy analyst for DC Mayor Adrian M. Fenty. Mr. Pickering has a B.S. in Political Science from Santa Clara University and received his Certificate in Public Management from George Washington University.

4:30 PM - 5:00 PM

**KEVIN H. BURAKS, ESQUIRE** is a Managing Attorney at Portnoff Law Associates. Mr. Buraks is a past chair of the Philadelphia and Montgomery County Bar Associations' bankruptcy committees and serves on the Board of Editors of Pratt's Journal of Bankruptcy Law. He has lectured extensively on the topics of municipal collections and bankruptcy law and his articles have

been published in a variety of legal journals and periodicals, including The National Law Journal. For the past eight years, Mr. Buraks has served as an elected member of the Tredeyfrin/Easttown School Board, including two years as Board President. Mr. Buraks also volunteers his time to the Montgomery Child Advocacy Project, where he represents children who are the victims of abuse or neglect. He was recognized for his work for the underprivileged on the First Judicial District of Pennsylvania Pro Bono Role of Honor. Mr. Buraks graduated from Haverford College and Rutgers Law School.

## WATER QUALITY / TREATMENT

2:00 PM - 2:30 PM

**KYLE MCCULLOUGH** graduated from Kutztown University with a B.S. in Environmental Science. Kyle joined Aqua Pennsylvania as a microbiologist at the Bryn Mawr headquarters in 2012. In 2016, Kyle joined Aqua's treatment department as a production engineer to get more involved with the water quality and production of their surface water treatment plants and well stations.

**DAVID RUSTAY** graduated from Kutztown University with a B.S. in Environmental Biology. Dave joined Aqua Pennsylvania in 2016 as a plant operator. He currently works in the Treatment Department as a production specialist focusing on surface water plant optimization, pilot projects, and assisting in statewide treatment collaboration of Aqua PA's water and wastewater systems.

**MARIA TORTORELLI** graduated from Drexel University in 2015 with a B.S. in Environmental Engineering. Since joining Mott MacDonald in 2015, Maria has been involved in a variety of water treatment, supply, and distribution projects. Her responsibilities include supporting planning, permitting, and design phases of water, wastewater, and green stormwater infrastructure projects.

2:30 PM - 3:00 PM

**RACHEL SMITH, EIT** joined GHD in June of 2017 as a staff engineer after graduating from college with a B.S. in civil engineering. She has been involved in a range of water and wastewater engineering projects; gaining experience in planning, design, and permitting. Her work includes treatment optimization of existing facilities, sewer capacity evaluations, and planning and design of water and wastewater treatment. She has previous experience in the transportation sector as an intern for PennDOT and a heavy highway construction contractor.

PM Break in the Exhibit Hall 3:00 - 3:30 PM

3:30 PM - 4:00 PM

**JOHN CIVARDI** received his Bachelor of Engineering degree from the Stevens Institute of Technology in 1986 and his Master of Engineering degree from Stevens Institute of Technology in 1988. He has over 30 years of experience in the evaluation and design of drinking water treatment systems.

**MATT MILLER** received his B.S. in Environmental and Hazardous Materials Management and M.S. in Environmental Safety and Health Management from the University of Findlay. He has over 17 years of experience in the water/wastewater field and currently serves as Director of Treatment for Aqua, PA.

4:00 PM - 4:30 PM

**SEAN MCKELVEY** graduated from Temple University with a Bachelor of Science degree in Civil Engineering with a concentration in Environmental Engineering. During his time at Temple, Sean completed an internship at Philadelphia Water Department's (PWD's) Samuel S. Baxter water treatment plant. As project leader for senior design, Sean designed a sustainable green roof for Temple University's Tomlinson Theater using a soil amended with biochar. In June 2017, Sean began working for PWD as an Environmental Engineer in the Research Unit of Planning & Research. Sean's other research interests are food waste co-digestion, nitrogen removal, and distribution corrosion.

4:30 PM - 5:00 PM

**FRANK P. SIDARI, III, PE, BCEE** - A professional and board-certified engineer, Mr. Sidari has more than 18 years experience in all phases of water engineering projects, with specialization in water quality and Legionella. He has over 50 publications and presentations on related subject matter to colleagues in professional settings and was a recipient of the Consulting-Specifying Engineer 40 under 40 Award for combining engineering expertise with a specialization in water quality and Legionella.

THURSDAY, May 10, 2018

## DISTRIBUTION

8:00 AM - 8:30 AM

**SHARON DELSIGNORE** is a graduate of Penn State University in Business/Marketing and has been working in the water industry affiliation for over 14 years. She conducts numerous presentations on products and application and is PA DEP certified instructor through PWSA Company's PA DEP Training Sponsorship, and is involved in various committees including PA-AWWA and PMAA. Sharon is professionally trained and certified for Level One Distributorship for the products of the Neptune Technology Group factory in Tallassee, Alabama, an ISO 9000 USA company.

8:30 AM - 9:00 AM

**ROSS ROBERTSON, P.E.** is an Engineer and Construction Management Professional for Jacobs Engineering Group, personally based out of the Greater Philadelphia Area. Ross has more than 6 years of experience in Philadelphia, NYC, and Washington DC working on large scale municipal projects including the 2BGD Catskill/Delaware Water UV Disinfection Facility and the Virginia Megaprojects. He graduated from Univ. of New Hampshire in 2012 with a degree in Civil Engineering.

**BRIAN LEE, P.E.** is a Project Manager for Jacobs Engineering Group with over 15 years of experience in the design and construction of utility infrastructure. Brian's projects have included water and wastewater treatment plant processes, power generation plants, refinery upgrades, aquifer storage and recovery wells, water storage reservoirs, and conveyance projects including trenchless piping technologies. His responsibilities have spanned all phases of project development and delivery from conceptual design through commissioning and turnover.

**FRANK HOUSTON, P.E.** is the Mid Atlantic Regional Manager for DN Tanks, a nationwide builder of prestressed concrete tanks for water and wastewater applications. Frank's industry experience includes the design and construction of tanks throughout the country with capacities ranging from 40,000 to 40,000,000 gallons. He has participated as a presenter at various training sessions covering the design, construction, inspection, rehabilitation, and retrofit of water and wastewater storage tanks. Construction, inspection, rehabilitation, and retrofit of water and wastewater storage tanks.

9:00 AM - 9:30 AM

**JONATHAN MORRIS, PE** serves as the office manager of GHD's Bloomsburg, PA office. He has a Bachelor's of Science 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 treatment projects including feasibility studies, watermain extensions and replacements, water storage tank rehabilitation projects, and various facility projects, including groundwater well treatment stations, water treatment plants, and booster stations.

**JOSHUA P. SHOFF, EIT** is the Project Engineer and Capital Planner for Aqua Pennsylvania's Northeastern Operations with 12 years of experience. He has a Bachelor's of Science Degree in Environmental Engineering from Wilkes University. Josh has broad experience in hydraulics, water distribution system improvement planning and design, and the rehabilitation of drinking water system assets. Over the past year, Josh has begun to undertake engineering and planning for Aqua's wastewater assets. He currently resides in Wilkes-Barre with his wife and new born daughter.

9:30 AM - 10:00 AM

**DAVE LEWIS** has been in the infrastructure mapping and GIS industry for more than 20 years leveraging his background in software development, photogrammetry, data conversion and GIS integration. He has managed conversion efforts for several statewide enterprise GIS initiatives and likewise numerous county and municipal programs focused on water and wastewater applications. Currently, Mr. Lewis is the Mid-Atlantic Account Manager for Wachs Water Services, formerly Wachs Utility Services. Having serviced 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 the ability to help utilities apply technology appropriately to improve customer satisfaction, increase efficiency and lower operating costs.

AM Break in the Exhibit Hall 10:00 AM - 10:30 AM

10:30 AM - 11:00 AM

**LORI BURKERT, PG** is a professional geologist with over 16 years of experience with water supply, source water protection, hydrogeology, and water quality. She is a Project Manager for Entech Engineering, and has a Bachelors of Science degree from Elizabethtown College, and a Masters of Science degree from Lehigh University. She is currently the President of the PA chapter of the American Water Resources Association (PA AWWA), and very involved in the Berks County Water and Sewer Association.

11:00 AM - 11:30 AM

**WILLIAM SEATON, PHD PG** has over 35 years of experience in the fields of hydrogeology, geology, and geophysics. He has served as principal hydrogeologist for numerous public and private water supply exploration and development projects throughout Pennsylvania, Maryland, Virginia and North Carolina. In addition, Dr. Seaton was an exploration and development geologist with Phillips Petroleum Company in Houston, Texas for 14 years. Dr. Seaton has successfully worked through regulatory and permitting issues with the Pennsylvania DEP, Susquehanna River Basin Commission, Virginia Dept. of Environmental Quality/Dept. of Health and several local authorities. He has given presentations dealing with geology, hydrogeology, and geophysics at professional societies, public meetings, and university settings. He has also provided expert witness testimony in litigation cases involving water resources and oil and gas rights.

Lunch in the Exhibit Hall 11:30 AM - 1:30 PM

1:30 PM - 2:00 PM

**NICHOLAS LEWIS, PE** is a Design Engineer in the Environmental Facilities Group with Gannett Fleming. For the past 6 years, Nick has worked on various water/wastewater projects in the Baltimore area, and was responsible for hydraulic evaluations and site piping design for the Fullerton project.

2:00 PM - 2:30 PM

**JOHN STOLTZFUS** is the President and 2nd generation owner of I.K. Stoltzfus Service Corp. located in Lancaster County, I.K. Stoltzfus is a water tank maintenance contractor with services that include tank upgrades, tank repairs & tank coatings.

## 2018 Conference Speaker Bios continued

## PM Break in the Exhibit Hall 2:30 - 2:45 PM

2:45 PM - 3:15 PM

**MICHAEL T BROWN, P.E.** 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 upon graduating from Lehigh University. His primary responsibilities involve leading and performing technical studies, planning studies, designs, and other engineering services for water and wastewater systems. He specializes in hydraulic and water quality modeling and analyses of water distribution and wastewater collection systems and asset/information management for water and wastewater systems. He is a past-chair of the PA Section of AWWA and active on numerous AWWA committees.

**PAT CAULFIELD, P.E.** is a 20-year employee and Executive Director of the Schuylkill County Municipal Authority. SCMA provides service to over 35,000 residents in 26 municipalities while managing and operating 15 treatment facilities, 6 reservoirs, 10 deep wells, 40 pumping stations, and nearly 300 miles of distribution and collection lines while treating over 5.5 million gallons of drinking water and 2.7 million gallons of sewage daily. Prior to his employment with SCMA, Mr. Caulfield served as a Consulting Engineer for 7 years managing the design group serving over 35 municipal clients. Mr. Caulfield is the current Vice Chairman of the PA AWWA Water Utility Council, and a former PMAA Region II Director while he continues to serve on multiple boards and associations in the water and wastewater industry. He is a registered professional engineer, licensed water and wastewater operator, and retains an undergraduate degree in Civil Engineering from Villanova University, and a Master's Degree of Engineering in Environmental Pollution Control from the Pennsylvania State University.

3:15 PM - 3:45 PM

**SARAH BOLENBAUGH, PE** has over 15 years of experience in civil and environmental design, working on high - value projects for public and private clients. Her expertise includes design of water and wastewater treatment plants, pump stations, remedial design, development of hydraulic distribution models and system master planning, project management, and program management. She is currently working as an embedded staff member at the Pittsburgh Water and Sewer Authority and is currently managing their program to find and replace the utility's lead service lines.

3:45 PM - 4:15 PM

**ANDREW KREIDER** has been working for Gannett Fleming as a Project Specialist for over two years, has an EIT certification, and is an ISI Envision Sustainability Professional. He graduated from Penn State with a B.S. in Mechanical Engineering and an M.S. in Environmental Engineering. He specializes in hydraulic modeling, surge modeling, hydraulics, pump station design, wastewater treatment plant design, and water treatment plant design.

4:15 PM - 4:45 PM

**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 systems.

4:45 PM - 5:15 PM

**STEVE CAVANAUGH, JR, PE** earned a B.S. in Civil Engineering from N.C. State University and is a Registered Professional Engineer in North Carolina, Virginia, and South Carolina. He is a member of the International Water Association - Water Loss Specialist Group and AWWA WLCC Outreach Subcommittee Chair. Cavanaugh's vast engineering experience encompasses a wide range of both US and international solutions. Recently his firm won back to back National engineering awards - the most recent in 2014 for the Training of 100 Water Utilities in Georgia on Non-Revenue Water Practices. For more than two decades, Steve has worked with public and private sector clients to develop intelligent environmental solutions to some of today's most challenging issues. In addition to his agricultural expertise on waste-to-energy and biomass facilities, Steve is known in the industry as an expert in the field of Water Loss and Revenue Recovery. His dedication to improve and protect the world's water resources through teaching Utilities how to discover and embrace efficient business practices has been noted as refreshing to an industry plagued by a quick fix mentality.

## WATER QUALITY/TREATMENT

8:00 AM - 8:30 AM

**ALFRED "TEX" ENOCH** - In 1969, after graduating from Georgetown University and serving in the Navy as a Lieutenant, Tex joined his father, Al Enoch, at Pennsbury Coatings Corporation, a family owned paint manufacturing company as its first outside salesman. Pennsbury specialized in the manufacturing of coatings for the water and waste water industries - with a special emphasis on protecting water storage tanks. He became president of Pennsbury in 1985 and sold the company to M.A.B. Paints in 1993 where he became manager of its Industrial Coatings Division. In 1993 he joined the Tnemec Company as its Water Tank Market Manager and accepted that same job with Carbolite in 2003. Tex now is in charge of the water tank market for Induron Protective Coatings, a family owned paint manufacturing company based in Birmingham, Alabama. He has been a member of AWWA and SSPC for over 40 years and has been a voting member of D-102, the AWWA committee that establishes the standards for protecting steel water tanks for the last 25 years. He is also a member of the Steel

Tank Institute/Steel Plate Fabricators Association and a speaker in their traveling seminar promoting steel water storage tanks.

8:30 AM - 9:00 AM

**CHRISTIAN TORRES** is the Sampling Technician for the City of Bethlehem Dept. of Water and Sewer Resources. He is a chemist by training and conducts the drinking water sampling for the City as well as the bacteriological and chemical analyses required. He brings experience from both a private lab and a non-profit organization into his role which is part lab work and part customer support. He has over 7 years of experience in laboratory environments between working in academic research labs as an undergraduate of Williams College and working in labs as a professional.

9:00 AM - 9:30 AM

**ROBERT F NEWTON, PE** is Senior Director Global Municipal Business for Johnson Matthey-MIOX and has 30+ years in water & wastewater sector in both municipal and multiple industrial and institutional/commercial verticals. He has held a variety of positions including strategic marketing, sales management, business development, project management, process engineering and R&D with companies including Standard Oil of Ohio, Ducon Environmental, Westates Carbon, Wheelabrator Technologies, USFilter, Veolia, Siemens Water Technologies, and MIOX. He is also a strategic advisor for the past 6+ years to Atlantis Technologies who offers a unique & cost effective technology (Radial Deionization) for TDS reduction in a variety of water treatment applications. He has a solid working knowledge across numerous innovative and conventional technologies and applications in water, wastewater & water reuse treatment across vertical markets including Oil & Gas (upstream & downstream), Food & Beverage, Power, and Municipal Water & Wastewater. He has had relevant global experience in North America, Asia, Latin America, Middle East and Australia/New Zealand. Bob holds a B.S. in Chemical Engineering from Drexel University and has previously held his Professional Engineering license in New York, Massachusetts and Texas.

9:30 AM - 10:00 AM

**KELLY D. GOOD** is a graduate research assistant at Carnegie Mellon University, where her work focuses on the effects of energy-related activities on drinking water sources. Prior to graduate school, she earned her B.S. in Civil and Environmental Engineering from Villanova University and worked as a planning engineer for American Water. She is actively involved in the Young Professionals Committee of the Pennsylvania Section of AWWA.

## AM Break in the Exhibit Hall 10:00 - 10:30 AM

10:30 AM - 11:00 AM

**JINGHUA XIAO, PHD PE** - In the area of Asset Management and Capital Planning, Xiao has conducted comprehensive and targeted planning studies for Glen Alsace, Wyoming, Yardley, and Blue Mountain systems; Developed hydraulic models for systems and initiated GIS-based model protocols; Provided engineering support for the responsible districts including Norristown, Yardley, Royersford, Wyomissing, Glen Alsace, Coatesville, Blue Mountain, Bangor, and Poconos; Performed annual review for DSIC, RP, and business plans; Served on PAW water quality and regulatory review committee. In the area of Project Delivery he has experience with Norristown WTP waste handling system improvement project \$5.3M - Evaluated the waste handling system and identified the root problem; Developed design concept and RFP; Served as project manager throughout design, bidding, and construction phases. In Capital Program Administration he has assisted engineering VP in budgeting capital projects/overseeing capital spending and hosted capital investment management committee (CIMC) meetings.

11:00 AM - 11:30 AM

**EDWARD ELLINGER, PE** is the Water & Wastewater Practice Area Leader and has over 20 years of professional experience in planning, permitting, design, construction administration, financial analyses, and project financing of water and wastewater infrastructure projects. As Practice Area Leader, he is responsible for overall quality assurance and quality control on water and wastewater projects and marketing and business development within the water and wastewater service group. He is responsible for studies, designs, and construction contract administration for wastewater treatment plants, pumping stations and collection and conveyance systems; and water storage, treatment and distribution facilities. His duties include project planning, hydraulic analysis, equipment selection and specification, computer applications, contract administration, and overall project management.

**EDWARD SPAYD, PE** is a Project Engineer with Herbert, Rowland & Grubic, Inc. His responsibilities include a variety of engineering tasks including water and wastewater facilities planning and design and the permitting of water and wastewater conveyance and treatment systems. Mr. Spayd is also responsible for the completion of studies, reports, and investigations of environmental issues and provides water and wastewater treatment plant operational assistance including the completion of optimization studies.

## Lunch in the Exhibit Hall 11:30 AM - 1:30 PM

1:30 PM - 2:00 PM

**DOUGLAS BERG, PE** earned a BS in Environmental Engineering from Pennsylvania State University. He began his career in Yellowstone National Park as a water treatment plant operator before returning to Pennsylvania to pursue engineering work. He worked almost 30 years in consulting engineering performing dozens of studies and designs for primarily water and wastewater projects. He now directs the Public Works staff at Hemlock Farms, a private residential, recreational community in the Poconos.

2:00 PM - 2:30 PM

**ERIC FORRESTER** is an Applications Engineer for the Municipal Business Unit at Calgon Carbon Corporation, where he is responsible for product selection, treatment system design, and application troubleshooting for municipalities across the United States. He has been the primary technical point-of-contact for municipal PFAS removal applications since the announcement of the EPA Health Advisory level in May 2016. He graduated summa cum laude from The State University of New York at Buffalo, earning a B.S. in Chemical Engineering and a B.A. in Mathematics.

## PM Break in the Exhibit Hall 2:30 - 2:45 PM

2:45 PM - 3:15 PM

**BRIT MEROLA, PHD** - Originally from New Jersey, Brit Merola attended Bucknell University and majored in Chemistry. After her undergraduate education, she studied Ecotoxicology and Environmental Health at Duke where she received her Masters in Environmental Management and a PhD in Geochemistry and Human Health. Brit has extensive experience domestically and internationally researching arsenic, fluoride, and radionuclide contamination in groundwater and their subsequent health effects.

3:15 PM - 3:45 PM

**CHRISTINE GUNSAULLUS** brings a unique blend of book-smarts and field experience to Entech Engineering. Dual engineering degrees from Drexel University, coupled with 23 years of storage tank building, repairing, and coatings inspection and application experience at Fisher Tank, TIC and MBA earned her the title "Storage Tank Queen". She frequently presents at regional and national AWWA conferences, sharing tank tips and how to prevent coating catastrophes.

3:45 PM - 4:15 PM

**ARON GRIFFIN, EIT** is an Assistant Engineer in Hazen and Sawyer's water process group. Aron has worked on a variety of planning and design projects for drinking water treatment and distribution systems, and has a particular interest in advanced oxidation processes. Aron has enjoyed his experience thus far and hopes for a long career in the water industry. He holds a M.S. in Environmental Engineering from UC-Berkeley and a B.S. in Engineering Science and Mechanics from the Pennsylvania State University.

**SARAH KOCOK** is a graduate of the University of Pittsburgh at Greensburg with a bachelor's degree in Biology. She is a proud, second generation water industry employee following the footsteps of her father, Dennis Kocok. She began her career with Pa 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 Southwest districts: Mon Valley, McMurray, Brownsville, Connellsville, Uniontown, and Claysville. Her area of responsibility included the E.H. Aldrich Water treatment plant, the Brownsville Water treatment plant, and the Claysville Wastewater treatment plant. In 2016, Sarah began working as the Water Quality Supervisor for the Municipal Authority of Westmoreland County at the McKeesport Plant. She held both Class A Drinking Water and Wastewater Operator licenses, including Class E and all subclasses for both certifications.

**MARK STONER** is a native of the Latrobe area of Westmoreland County currently residing in the City of Pittsburgh. He is a 2005 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 waters and municipal drinking water. Mark previously worked for 10 years as a chemist at the Pittsburgh Water and Sewer Authority, then 3 years as Water Quality Supervisor for the George R. Sweeney Water Treatment Plant and currently, for the past 3 years, as Water Quality Superintendent 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 MAWC as well as the extensive distribution system.

4:15 PM - 4:45 PM

**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) design, biological nutrient removal (BNR), water reuse, and membrane filtration/separation, and also gives presentations for technical Process and Product Application Seminars held at Aqua-Aerobic Systems' facility. 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, microfiltration/ultrafiltration, cartridge filtration, reverse osmosis, aeration, mixing, secondary biological treatment, cloth media filtration, and chemical treatment systems. In addition, he is experienced with a variety of programmable logic control (PLC) and supervisory and data acquisition (SCADA) systems. Dave holds an A.A.S. degree in Technical writing from Rock Valley College, Rockford, IL.

4:45 PM - 5:15 PM

**YONG KIM, PHD** is Technical Director at UGSI Solutions, Inc., Vineland, NJ. His technical interest includes fluid mixing and turbulence, solid-liquid separation, water and wastewater disinfection. He was previously employed by USFilter and Siemens Water Technologies. As a PhD chemical engineer, he has authored a book "Coagulants and Flocculants: Theory and Practice," and published over 30 technical papers with six US patents issued to his credit.