

2017 Fall Conference - Speaker Bios

Session #	Slot	Title	Speaker Name	Company Name	Brief Biographical Sketch:
Session 01	1	Optimizing Filters Through a Filter Surveillance Program	Matt Charles	Hazen and Sawyer	Matt has over ten years of experience assessing, designing, and optimizing water treatment facilities. He is a graduate of the University of Illinois and is a Florida-licensed professional engineer and water plant operator. One of his mentors once told him to not get rid of filter media samples, so he currently has a couple boxes of them taking up space in his storeroom.
Session 01	2	Understanding and Diagnosing WTP Flow Routes and Issues	Casey Porter	R2T Inc	Mr. Porter has eleven years of experience serving southeastern utilities and agencies as an engineering consultant. Mr. Porter has Bachelor's and Master's degrees in Civil Engineering from Georgia Tech. He is a registered Professional Engineer in Georgia, a certified floodplain manager, and is PACP-certified. Mr Porter's career focus has been on hydrologic and hydraulic modeling, including floodplains, stormwater, gravity collection networks, CSO facilities, distribution systems, and treatment plants. He lives in Johns Creek with his wife and daughter who just turned 2, and he has another one on the way this Christmas!
Session 01	2	Understanding and Diagnosing Water Treatment Plant Flow Routes and Issues	Derek Buffardi	R2T, inc.	Derek Buffardi has worked as an engineer with R2T for the last 7 years with the last 4 years focusing on various hydraulic and rehab modeling projects on both the water and wastewater sides to help municipal clients meet the needs of their constituents. He graduated from Georgia Tech with a BS in Environmental Engineering in 2012.
Session 01	3	Extreme Makeover: 60-year-old High Service Pump Station Transitions from Horizontal to Vertical Pumps	Trooper Smith	Freese and Nichols, Inc.	Trooper is a Principal/Vice President with Freese and Nichols, responsible for the Georgia Operations of the firm. Trooper has been with Freese and Nichols for 17 years. Trooper received his Bachelors and Masters Degrees in Environmental Engineering from Texas Tech University. During his engineering career, Trooper also served in the US Army as a combat engineer focusing on demolitions and engineering projects. Trooper's civil engineering experience has focused mainly on treatment, pump station and pipeline projects.
Session 01	3	Extreme Makeover - 60-year old High Service Pump Station Transitions from Horizontal to Vertical Pumps	Clayton Barnard	Freese and Nichols, Inc.	Clayton Barnard is an Associate at Freese and Nichols, Inc. focused on the design of water and wastewater large diameter transmission pipelines, utilities and pump stations. Mr. Barnard received his bachelor's degree in civil engineering from Texas A&M University and has been with Freese and Nichols for over 12 years.

Session 02	1	Set it and forget it! Optimization of Influent Pump Stations	Hollis Terry	Athens-Clarke County- Public Utilities Department	I have a Wastewater Operator Class I and a Water Operator Class III. I have an associate's degree in finance and a bachelors in Business Administration- Management. I am Superintendent of Water Reclamation for Athens-Clarke County-Public Utilities Department. I have been in the water field for 18 years.
Session 02	2	New Sight for Old Pipes: Multi-sensor Inspection of Wastewater Lines	Stephen Johnson	Freese and Nichols, Inc.	Stephen Johnson is a Project Engineer in Freese and Nichols' Water/Wastewater Master Planning Group. He has a Bachelor's degree in Civil Engineering from Texas A&M University. He has experience in water and wastewater master plans, physical and desktop condition and risk based assessment programs, asset management, and developing prioritized water and wastewater CIPs. He is the Project Engineer on the City of Fort Worth's multi-year Interceptor Condition Assessment Program.
Session 02	3	Hydrocyclones and Classifiers - Design criteria that rise to the top	Rebecca Lindsay	Gresham, Smith & Partners	Rebecca is a senior process engineer and project manager with Gresham, Smith & Partners. She has a diverse background in wastewater treatment facility design. Rebecca has an undergraduate degree in mechanical engineering from Georgia Tech, a master's degree in civil/environmental engineering from Auburn, and is currently pursuing an MBA from UNC Chapel Hill.
Session 03	1	Enhancing 'The Ray' using Green Infrastructure Practices	Gary L. Hawkins	University of Georgia	Gary is the Water Resource Management and Policy Specialist with the College of Agricultural and Environmental Sciences at the University of Georgia. Gary has been working with UGA for 16 years in various areas covering pollution prevention, water management and alternative energy. He graduated from Clemson, Auburn and Tennessee with degrees in Agricultural Engineering and works in the Crop and Soils Department at UGA. His current focus is working with water conservation in agricultural systems, stormwater management, onsite waste treatment, but his job responsibilities also covers all aspects of water quality, quantity and conservation.

<p>Session 03</p>	<p>2</p>	<p>Renewal Through Creative Stormwater Management: Rodney Cook Sr. Park</p>	<p>Tricia Hatley, PE</p>	<p>Freese and Nichols, Inc.</p>	<p>Tricia Hatley is an Freese and Nichols Vice President and Principal with 24 years of experience. While at FNI she's served in various roles including assisting with the startup of the firm's Dallas office, managing a transportation design group, serving as Urban Planning and Design practice leader, and currently as Division Manager for the firm's offices in Oklahoma. She leads teams for major transportation planning, highway and urban roadway design, structural design, drainage analyses and capital improvements planning projects. Her diverse background ranges from context-sensitive downtown redevelopment and hike-and-bike trails to urban roadway expansions and large-scale, regional thoroughfare projects. Tricia is a LEED®-Accredited Professional and an Envision Sustainability Professional with proven success in the development of sustainable project alternatives. She represents the firm on the national Institute of Sustainable Infrastructure (ISI) Recognition Committee and serves on the board of directors for the National Society of Professional Engineers representing the SW region of the US. She is skilled in public involvement and understands the consensus-building required for multiple-stakeholder projects.</p>
<p>Session 03</p>	<p>2</p>	<p>Renewal Through Creative Stormwater Management: Rodney Cook Sr. Park</p>	<p>Cory Rayburn</p>	<p>City of Atlanta</p>	<p>Cory Rayburn is a Watershed Manager for the City of Atlanta's Office of Watershed Protection. Cory played a lead role in adopting and implementing Atlanta's green infrastructure standards for stormwater management on private developments and currently oversees the installation of regional green infrastructure projects throughout the City. Cory is a seasoned trainer, taking part in over 120 conferences, workshops, peer exchanges, webinars, and tours related to water resources management and green infrastructure. Cory attended the University of Georgia, receiving a B.S. in Environmental Health Science and a B.A. in Anthropology and earned a M.S. in Civil Engineering from Kennesaw State University. Cory serves on the Fulton County Soil and Water Conservation District and Governor Deal's Stakeholder Advisory Board.</p>

Session 03	3	Watershed/Stormwater Management in non-MS4 Communities	Duncan Hughes	Soque River Watershed Association	Duncan Hughes lives in Clarkesville with his wife and two children. He holds a B.S Environmental Health from the University of Georgia and an M.S. Environmental Science (with an emphasis on stream ecology and water resources) from Columbus State University. He has worked for the Soque River Watershed Association since 2004, serving as Watershed Coordinator from 2004-2015 and Executive Director since August 2015.
Session 04	1	Be a Sewer Hero	Laurie Loftin	Athens-Clarke County Water Conservation Office	Like many in the water industry, Laurie Loftin has recognized the need to fight the grime growing in our sewer systems. FOG, wipes, and other unflushables make their way into our pipes and cause nasty clogs. Our cities need a hero, but not just any hero will do. We need a Sewer Hero, Ms. Loftin is one of many filling that role in the city of Athens, GA.
Session 04	2	Hazardous Material Management Evolved ☐ CHaRMing	Joe Dunlop	Athens-Clarke County Solid Waste Department	Joe Dunlop has 17 years of experience in the recycling world. Prior to joining Athens-Clarke County in 2012, he worked as a state recycling coordinator with the Georgia Department of Community Affairs, helping local governments, businesses and individuals with recycling and material management issues. As Waste Reduction Administrator for Athens-Clarke County, Joe is responsible for guiding the community to a 75% waste diversion goal by 2020. He has served on the boards for Keep DeKalb County and Keep Athens-Clarke County Beautiful, and currently serves on the board of Directors of the Georgia Recycling Coalition. Joe lives in Athens with his wife and their two children.
Session 04	3	Spreading the Message on What Not to Flush	Adriann Deering	Columbus Water Works	Adriann Deering is the Communications Specialist at Columbus Water Works and has been working at CWW since 2006. She has a Bachelor of Arts degree in Secondary Education and a Master's degree in Business Administration focusing on Organizational Leadership. During her 11 years at CWW, she has played key roles in many public communications campaigns, assisted in community event planning, served on many committees and served as the United Way Campaign Chair for 2012. Adriann has been an active member of CWW's Strategic Planning initiative for eight years. She is also an active member of Georgia Association of Water Professionals and the Columbus Chamber of Commerce's Young Professionals. Adriann is married and has 4 young children. Together they are involved in their church community and enjoy an active lifestyle.

Session 05	1	So You Want to Start a Micro Lab	Lynne Grubb	GA EPD	Lynne has worked with the EPD's Drinking Water Program for 18 years, and is currently the state's lead laboratory certification officer.. She is EPA certified for the areas of microbiology, inorganic and organic chemistry and Cryptosporidium. In addition to overseeing the lab audits for GA's approximately 85 in-state drinking water micro labs, she is one of the Rule Managers for the Revised Total Coliform Rule and the Ground Water Rule.
Session 05	2	Quality Control and Quality Data in the Laboratory	Sean Earley	GA EPD	Has been a member of the Drinking Water team for a little under 2 years, he received EPA certification as a Drinking Water Laboratory Certification Officer in Microbiology and Inorganic Chemistry, and he assists in the compliance of the RTCR and the Ground Water Rule.
Session 06	1	Creation of Electrical One-Line Diagrams to Maintain Asset Management	Daniel Shaw	Black & Veatch	Mr. Shaw's professional experience has ranged from performing wet chemistry in a wastewater laboratory to managing design and construction projects. He has managed projects throughout the United States and Puerto Rico for private and municipal employers. He was awarded a Bachelor's Degree in Biology from Indiana University and a Master's Degree in Environmental Engineering from the Georgia Institute of Technology. He holds a Professional Engineer certification and a Class 1 Water Operators License in the State of Georgia.
Session 06	2	Cutting-Edge Technologies for Rehabilitation of Pressure Pipelines: A Multifaceted Approach	Chad Andrews	Aegion/Underground Solutions	Prior to joining Underground Solutions, Chad worked in the water resources industry as a GIS Technician, Research Staff Engineer and a water resources engineer/consultant for several years. Chad holds a B.S. and M.S. in Environmental Engineering with an emphasis in Water Resources from the University of Georgia. He now works within Aegion's Infrastructure Solutions division for pipeline rehab and new construction as a Regional Sales Manager for Underground Solutions the last two years. He provides technical assistance to utilities, engineers, and contractors helping to solve problems for water and sewer systems primarily through trenchless installations, such as, CIPP, sliplining, pipe bursting, and horizontal directional drilling. Chad's territory includes Alabama, parts of Georgia, and the Florida Panhandle.

Session 06	3	Condition Assessment, Rehabilitation and Repair of Large and Critical Valves	Britt Klein	Wachs Wager Services-Pure Technologies	Pure-Wachs Britt Klein's Bio Britt is an Asset Reliability Manager for Wachs Water Services, a division of Pure Technologies Inc. He has more than 30 years of experience in the water utility industry maintaining and managing the maintenance of large complex municipal water and wastewater systems. He has served the past 11 years on the ASCE Pipeline Condition Assessment Committee and recently authored the chapter on asbestos cement pipe. He has a Bachelor's degree in management from the University of Phoenix, is a licensed Grade 4 Water Distribution Operator, Grade 4 Wastewater Collection Operator, Grade 2 Water Treatment Operator and Grade I Wastewater Treatment Operator. Britt Co-Chaired the ASCE 2017 Pipelines Conference in Phoenix AZ.
Session 07	1	Product Market Fit and Flexibility: Lessons Learned from a Water Quality Startup - Shannon Evanchec, TruePani Inc.	Shannon Evanchec	TruePani Inc. (Drinkably)	Shannon Evanchec is a co-founder of TruePani Inc. (Drinkably), an Atlanta based start-up focused on streamlining water quality data and monitoring and providing simple methods to empower people to know what they're drinking. Before pivoting to address the domestic market, TruePani deployed point of use drinking water devices in rural India. Shannon graduated from Georgia Tech with a degree in Environmental Engineering.
Session 07	2	Embracing New Ideas, Innovation and Technology in the Water Industry	Mike Thomas	Clayton County Water Authority	Mike Thomas has worked for the Clayton County Water Authority since 1999 serving as the General Manager since December 2006. In this position, he leads the 370 member work force that provides quality water and quality services to more than 78,000 accounts representing 270,000 residents. Mike holds a Master of Science from the University of Georgia and has served in the water industry for over 30 years. He has served in numerous leadership roles in the organizations where he worked as well as professional associations and other nonprofits.
Session 07	3	Panel Discussion: The Future of the Water Industry	Donald Mickey Baughcum	Oconee County Utility Dept.	I will be on the panel for "The future of the Water Industry" answering questions on what my perspective is being an old generation water guy.
Session 07	3	Panel Discussion: Future of Water	Kim Holland	Marietta Water	Kim Holland has been with Marietta Water for over 20 years where she serves as Director, She has a Bachelor of Arts from the University of Georgia and a Master of Public Administration from Kennesaw State University. She is the President Elect of GAWP and has served on several committees including H2Oportunity, Public Education, Scholarship and the Georgia Section of the Water Environment Federation.

Session 08	1	Transient Technology for Non-invasive Pipe Condition Assessment	Vennila Durai, P.E.	Hydromax USA	A resourceful Civil Engineer with 12 years of experience in engineering design from the initial conceptual stage, through feasibility study and to detailed design. Have a solid record of safety and environmental focus when working on projects, and is committed in personal and professional development. PE-licensed Civil Engineer with experience directing large-scale federal and municipal projects. Under Graduate: Civil Engineering Post Graduation 1: Environmental Engineering Post Graduation 2: Water Resource Engineering (form UTA) Have about 4 years of experience in Asset Management and pipe line condition assessment. BAMI - certified AWAM. "
Session 08	1	Transient Technology for Non-invasive Pipe Condition Assessment	Ramsey T. Hemaïdan	Hydromax USA	Ramsey T. Hemaïdan has over 22 years of business development experience in 16 countries spanning multiple industries and departments. Ramsey has been working in the field of large and small diameter pipe condition assessment since 2005. Prior to joining Hydromax USA, Ramsey worked for Insituform Technologies, Pure Technologies, Fluid Conservation Systems, The Pressure Pipe Inspection Company, St. Jude Children's Research Hospital, and Operation Smile. Ramsey is a member of AWWA Water Loss Control Committee, AWWA M36 and Real Losses Sub-Committees. Ramsey lives in Littleton, CO, is a graduate of Radford University and has consulted with more than 100 municipalities to initiate or enhance their condition assessment program.
Session 08	2	2. Challenges and Obstacles Associated with Hartsfield Jackson Atlanta International Airport Sewer Condition Assessments	Vineeth Panicker	AECOM	Vineeth Panicker is a project engineer with more than 12 years of professional experience in the planning and design of wastewater collection, treatment and infiltration/inflow reduction programs. He graduated from University of Missouri-Rolla in 2005. Vineeth moved to Atlanta in 2010 and is a GAWP member since then.
Session 08	2	2. Challenges and Obstacles Associated with Hartsfield Jackson Atlanta International Airport Sewer Condition Assessments	Wesley Parkmond	AECOM	Wesley Parkmond is a senior project engineer and project manager with more than 17 years of experience in water and wastewater facilities and conveyance system planning and engineering design. Mr. Parkmond has also worked with a diverse range of projects including energy management, drainage and flood control, solid waste management, site hydrology studies and site surveys, residential inspection and construction engineering. In his spare time he enjoys coaching football, basketball, softball and spending time traveling with his family.

Session 08	3	Pipeline Projects: Not as Simple as Getting from A to B	Caitlyn Ownbey	Burns & McDonnell	Cait Ownbey is an assistant environmental engineer with Burns & McDonnell. She received a bachelor's degree in biosystems engineering and a minor in environmental engineering from Clemson University in 2015. She is currently pursuing her MBA from Emory University's Goizueta Business School. Cait has worked on a variety of projects including: water main replacements, pump station design, sewer system modeling, corrosion studies, and strategic communications. Cait has a passion for bridging the gap between technical expertise and public outreach.
Session 08	3	Pipeline Projects: Not as Simple as Getting from A to B	Matt Bracewell	Burns & McDonnell	Matt is a project manager in the Alpharetta office of Burns & McDonnell, He has 20 years of experience in the management and detailed design of water and wastewater pipeline and treatment projects. He is a registered professional engineer, and also holds Certified Construction Specifier and Envision Sustainability Professional certifications. Matt has a bachelor of Civil Engineering from Georgia Tech.
Session 09	1	Cobb-County Marietta's Journey toward Using Vibration Analysis	Lamar Hunt	Cobb County Marietta Water Authority	- 32 years service at Cobb Marietta Water Authority - Class 2 Operator - Certified Backflow Prevention Assembly Tester - Class 1 Vibration Analysis - Known as Mr. CCMWA and he's Happy to be here!!
Session 09	2	Ice Blasting for Electric Motor Cleaning and Failure Prevention	Lisa Curtis	Goforth Williamson	Lisa Curtis is Goforth Williamson's Operations Manager. Lisa is a Georgia Tech Mechanical Engineering graduate and has more than 20 years of multifaceted experience in operations, design engineering, construction and technical management, with a successful track record in manufacturing excellence, maintenance management, process development, and large capital project execution. Lisa has held technical and maintenance leadership positions with American Process, Owens-Corning, McMaster-Carr Supply Company and as Director of Engineering for EMD Chemicals, Inc. Currently in the renewal process, Lisa holds Certified Maintenance and Reliability Professional (CMRP) certification with the Society of Maintenance & Reliability Professionals (SMRP) and also serves as a Planning Commissioner on the Peachtree City, GA Planning Commission. In her spare time, Lisa stays busy with her young daughter, family and enjoying the outdoors.

Session 09	3	Infrared to Identify Where Assets are About to Break	Cody Kelly	Henry County Water Authority	I have been in the water and wastewater industry for 20 years now. I'm a certified reliability leader, have my class 1 water treatment license, collection systems, and my maintenance certification from GAWP. I have two kids and like to fish and hunt.
Session 09	3	Infrared To Identify Where Assets Are About To Break	Al Gardner	Henry County Water Authority	Been With HWCA For 10 Years. Worked in sewer maintenance for 5 years. Have worked in water and sewer maintenance as electrical control technician for the past 5 years. Married with 2 kids.
Session 10	1	Water Conservation in Research Labs	Star Scott	University of Georgia	Star has a background in Wildlife Biology. After spending nearly a decade in conservation-driven research at the University of Georgia, she then spent 3 years in the Office of Research Safety as a Chemical Safety Specialist. During this time, she continued to develop and advocate for a Green Lab program at UGA. In 2016, Star accepted the position as Green Lab Program Coordinator for the university and began building the program. The UGA Green Lab program serves UGA's 1900 research labs on their main campus and is the first of its type in the S.E.C.
Session 10	2	Navigating Corrective/Preventative Action and Root Cause Analysis	Rik Roberts	ProQuality Lab	Lab Director of ProQuality Lab and Co-Owner of Agrollytical Labs. Survivor of well over a dozen accreditation audits. Dallas Cowboys fan. Loves short walks on the beach.
Session 10	3	Analysis of Laboratory Variability	Doug MacTaggart	Agrollytical Laboratories	Doug MacTaggart has experience in commercial and academic laboratories and management of research programs. He has B.S. and Ph.D. degrees in Chemistry from the University of Idaho. Academic work focused on atmospheric chemistry research and applications of statistics to analytical chemistry. Commercial laboratory work has focused on analytical chemistry in environmental, clinical, pharmaceutical and military settings. He is currently the Lab Director for Agrollytical Laboratories in Cartersville, GA.
Session 11	1	Sample Stations: What Are They and Why Should I Consider Them?	Eric Osborne	Henry County Water Authority	For the past 9 years I have worked with Henry County Water Authority and have a total of 29 years in Water Treatment. I am currently the Water Production Manager and hold 4 State licenses. I am a graduate of Georgia State University with a Bachelor of Science degree in Biology and minor in Chemistry. I have been happily married for 31 years and have 2 children ages 24 and 27.

Session 11	2	Getting it Right: Leveraging Hydraulic Models	Melissa Brunger	Freese and Nichols, Inc.	Mrs. Brunger has a BS in Civil Engineering from Texas A&M University. She specializes in water and wastewater system modeling, master planning, water quality evaluations, and asset management. Melissa is the recording secretary of the AWWA Engineering Modeling Applications Committee that establishes standards for hydraulic modeling.
Session 11	3	Can You Dig It? No? Try a Trenchless Technology!	Spencer Adams	Burns & McDonnell	Spencer is a project engineer in the water practice at Burns & McDonnell and the current Vice Chair of the Distribution Systems Committee. He earned a bachelor's degree in civil engineering from Georgia Tech and has spent seven years in engineering consulting around the Southeast. Spencer has a broad civil engineering background, and he has particularly enjoyed his experience in drinking water, raw water, and wastewater pipeline design ranging from 12 to 96 inches. Burns & McDonnell Engineering Company is made up of more than 5,700 engineers, architects, construction professionals, scientists, consultants and entrepreneurs with offices across the country and throughout the world. Burns & McDonnell is 100 percent employee-owned and is proud to be No. 16 on Fortune's 2017 list of 100 Best Companies to Work For.
Session 12	1	Pump Station Controls and Instrumentation Basics	John Diedrich	Brown and Caldwell	John has a passion to provide the best Instrumentation, control, automation and electrical system possible for a simple, maintainable and repeatable pump station for ease of operation and maintenance. He has been involved with pump station design, manufacturing, installation and operation over the past 35 years. From duplex stations to complex large 50+ MGD, applying proven technology that owners are comfortable with while providing the redundancy needed for most municipal applications.

<p>Session 12</p>	<p>2</p>	<p>Benefits of an Advanced Control System for Your Pump Station</p>	<p>J. Boudoin</p>	<p>Goforth Williamson, Inc.</p>	<p>Mr. Boudoin is an electrical engineer who has over 14 years of experience in the industrial motor control and automation industry with a major focus on control systems for municipal water and wastewater applications. He worked as a systems engineer for a SCADA company where he was involved in every aspect of large automation project delivery for water/wastewater as well as light rail transit, including projects for Gwinnett County Dept. of Water Resources, MARTA and New York City Transit. However, he has spent most of his career in a sales capacity which included design, technical support, and troubleshooting responsibilities. In this sales role, he sold components, complete engineered solutions, and fabricated control panels - particularly to pump companies. He is currently the Controls Division Head for Goforth Williamson where he oversees all new panel sales, controls troubleshooting and field service, as well as controls retrofit work for their customers all over the state of Georgia.</p>
<p>Session 12</p>	<p>3</p>	<p>basic Approaches and benefits of vibration Monitoring</p>	<p>John Collis</p>	<p>PMC Enterprises</p>	<p>was operator for 16 years with Cobb County and then moved into management with DeKalb County and ran the maintenance dept. for two plants and 68 stations. Now trying the other side of the table at sales and service.</p>
<p>Session 13</p>	<p>1</p>	<p>FOG Interceptor Inspection Best Practices</p>	<p>John-Michael Huddleston</p>	<p>Gwinnett County Water Resources</p>	<p>I am a 2011 graduate of the University of Georgia with a B.S. in Environmental Health Science. Much of my coursework focused on water quality and its effect on human health. While studying, I interned at the Publix dairy manufacturing industrial pretreatment plant, Ensuring water quality standards prescribed by county were upheld. I joined Gwinnett County Department of Water Resources in 2012 and have worked in the Fats, Oils and Grease Program as a Water Quality Associate. I conduct compliance inspections on food service establishments to ensure no illicit discharges of fats oils or grease into the collection system. I have also been heavily involved in the public outreach program, giving presentations at schools, apartment complexes and retirement communities as well as involved in the spill response teams that reach out to the community after spills to raise awareness of the effects of fats oils and grease in our system and offer solutions for preventing future spills.</p>

Session 13	2	Which Trenchless Technology Best Fits My Current Needs?	Rich Schici	Inland Pipe Rehabilitation Southeast	Rich develops business for companies specializing in sustainability in the water and wastewater markets. As a Business Development Manager at IPR, his focus on client service builds strong relationships that increase revenue and market share. His experience spans 23 years completing construction and process engineering projects. He worked as a municipal engineer, a consultant with MWH, and a BD manager for clean-tech start-ups. Rich graduated from Santa Clara University with a BS in Civil Engineering and a MBA from the University of Illinois at Chicago. Rich is affiliated with 7 different environmental agencies including WEF, WERF, and several WEA(s).
Session 13	3	Performance Management - Lessons Learned	Steve Sheets	Gwinnett County Dept Water Resources	Steve Sheets has a B.S. in Geological Engineering from the University of Missouri-Rolla. He has 30 years of experience as an engineer, and is a registered Professional Engineer in Georgia. He is currently the Deputy Director of Field Operations for the Gwinnett County Department of Water Resources where he oversees the assessment, maintenance and rehabilitation of the County's water and sewer assets. Steve is a member of GAWP and the ASCE Georgia Section where he is involved with the program committee and the student outreach program.
Session 14	1	Making Diversity Work for You	Hollis Terry	Athens-Clarke County- Public Utilities Department	I have a Wastewater Operator Class I and a Water Operator Class III. I have an associate's degree in finance and a bachelors in Business Administration- Management. I am Superintendent of Water Reclamation for Athens-Clarke County-Public Utilities Department. I have been in the water field for 18 years.
Session 14	2	Diversity and Inclusion: Ouch That Stereotype Hurts Strategies for Success	Alaine Mort	Clayton County Water	Alaine Mort is a 20 year veteran with the Clayton County Water Authority. Alaine's career path with CCWA has been as a receptionist, in the Distribution and Conveyance sections, Customer Accounts as a supervisor, and now Human Resources as a Training Specialist. Alaine has a love for the Clayton County Water Authority and it's employees and finds great satisfaction helping them succeed in their careers with the Authority. She has certifications through ATD as a Certified Trainer, Human Performance Capital Improvement as well as an Elearning.. In her spare time Alaine enjoys volunteering and helping the citizens of Clayton and Henry County. Alaine also enjoys woodworking and spending time with her new grandson and family.

Session 14	3	Proven and Attainable Hiring Practices Within the Georgia Water Industry	Georginna Wright	City of Atlanta	Georginna Wright has over 12 years of experience in engineering, water treatment, and water distribution. She currently serves as the Plant Manager of the Chattahoochee Water Treatment Plant for the City of Atlanta where her facility contributes in providing safe drinking water to 1.3 million customers. She holds a Bachelor of Science in Chemical Engineering from Tuskegee University, M.B.A. at DeVry University, MEd at Jones International University, and an Associate Degree in Funeral Services from St. Petersburg College in St. Petersburg, FL. Georginna also assisted with the ABC Class I-IV Water operator tester exam reviews. Wright is a Class 1 Water system operator in the State of Georgia and Holds a Class IV Professional Operator of Water Treatment license from the Certification Commission for Environmental Professionals.
Session 15	1	Five Ways That Laboratory Automation Saves an Organization Money	Mark Matthews Mary Shanaver	Accelerated Technology Laboratories	replacement.... Bio not available
Session 15	2	UCMR4: The Ins and Outs	Brian Queen	Eurofins Eaton Analytical, Inc.	Brian Queen is Account Manager Southeast at Eurofins Eaton Analytical, the nation's largest potable water focused lab with locations in South Bend, IN and Monrovia, CA. He has been in the environmental field for over 28 years covering business development; project management; microscopy; asbestos; metals analysis; non-hazardous waste treatment; data validation; drinking water, wastewater, groundwater and soil. Brian has a BS in Chemistry from Western Carolina University. His current focus is the UCMR4 program and direct potable reuse.
Session 16	1	Upgrading and Improving Digestors	Matthew Williams	WesTech	Matt Williams is the East Regional Sales Manager at WesTech. He was previously the Anaerobic Digestion Group Leader at WesTech and also worked at HDR on several projects in the Mid-Atlantic area. These varying experiences on digester and biosolids projects give him a unique perspective on the design and application of the equipment. Matt earned a B.S. and a Master's degree in Environmental Engineering from Cornell University. He currently lives in Maryland with his wife and 4 kids.

Session 16	2	State Point Analysis to Operate Secondary Clarifiers	Nick Landes	Freese And Nichols, Inc.	Nick Landes is a process engineer with Freese and Nichols specializing in wastewater treatment operations, process design and troubleshooting. Dr. Landes currently serves on several wastewater-focused committees including the IWA/WEF Water Resource Recovery Modeling Program Committee and as a Volunteer Expert for WERF's LIFT program.
Session 17	1	How to Develop a Compliant Backflow Prevention Program	Tracy Thigpen	Coweta County Water & Sewerage Authority	Tracy Thigpen served 8 Years in the United States Army Reserve. Attended College at Gordon State College, has a Water Distribution Operator Licenses, Backflow Prevention Assembly Tester Certification, Backflow Prevention State Proctor. She is the Cross-Connection Control Supervisor for Coweta County Water Authority where she has been employed for 17 years. During that time, she served as the chair of the GABPA and received the Dick Clary Award. She is currently on the Backflow Prevention Steering Committee, and the Distribution Committee for GAWP. She implemented the Leak Detection/Meter testing, and Water Conservation Program and currently over sees the AMI program and Cross-Connection programs. She has a passion for her work as a water professional and have enjoyed the challenges that the water industry has offered.
Session 17	2	Excuse Me, But is My Backflow Prevention Program Showing?	Mathue Joiner	City of Gainesville Department of Water Resources	Matt is currently the Backflow Prevention and Cross-Connection Control Coordinator for the City of Gainesville Georgia Department of Water Resources. Matt had previously worked for the Macon Water Authority, starting in January 2005 as a construction inspector. He worked in this position and managed the engineering department's construction plan review until 2009, when he was chosen as Grease Management and Backflow Coordinator. He currently holds a Master's Degree in Organizational Management, with a minor in public administration, He is a licensed professional with the State of Georgia as a Backflow Preventer Tester. Matt is also a State of Georgia Certified Fats, Oils, Grease Inspector with the Georgia FOG Alliance.
Session 18	1	How to Apply for the Public Education Award	Tara Brown	Henry County Water Authority	Tara has been with the Henry County Water Authority for 14 years where she currently serves as the Environmental Compliance Coordinator. She has a BA in Political Science from the University of Georgia, and a Masters degree in Public Administration from Georgia College & State University. She is an active member of the Public Education, Model Water Tower, and Utility Management & Finance Committees. She is also a graduate of GAWP's Leadership Academy.

Session 18	1	How to Apply for the Public Education Program of Excellence Award	Adriann Deering	Columbus Water Works	Adriann Deering is the Communications Specialist at Columbus Water Works and has been working at CWW since 2006. She has a Bachelor of Arts degree in Secondary Education and a Master's degree in Business Administration focusing on Organizational Leadership. During her 11 years at CWW, she has played key roles in many public communications campaigns, assisted in community event planning, served on many committees and served as the United Way Campaign Chair for 2012. Adriann has been an active member of CWW's Strategic Planning initiative for eight years. She is also an active member of Georgia Association of Water Professionals and the Columbus Chamber of Commerce's Young Professionals. Adriann is married and has 4 young children. Together they are involved in their church community and enjoy an active lifestyle.
Session 19	1	You Don't Know Until You Ask: Knowledge Transfer Across Generations	Yagesh Panta	Freese and Nichols	Yagesh Panta is a Civil Engineer with Freese and Nichols, with an emphasis in designing pump stations, transmission pipelines, and water distribution systems. He graduated from Georgia Tech with a degree in Civil Engineering. Yagesh is a native of Kathmandu, Nepal and enjoys hiking in his spare time.
Session 19	1	Panel Discussion:	Kevin White	Columbus Water Works	Kevin has served the Civil Engineering industry since 1997 with a diverse background in engineering design and executive management. Currently he serves as the Vice President of Engineering for Columbus Water Works where he directs the Capital Improvements Program and the overall operations of the Engineering Department. Most recently Kevin was a Departmental Chair at Albany Technical College where he developed, managed, and instructed the only Civil Engineering Technology Associate Degree program in the state of Georgia. Prior to that, Kevin was the Engineering Director at ABE Consulting where he supervised engineering operations and personnel for a full service engineering firm. Kevin received both his Bachelor of Science in Agricultural Engineering and Master of Business Administration from the University of Georgia and is a licensed Professional Engineer.
Session 19	1	You Don't Know Until You Ask: Knowledge Transfer Across Generations	Richard Heying	Cobb County Water	Wastewater Operator for Cobb County from September 2012 to present. Class one wastewater license since 2015. Graduated from Pope High school, no college degree. Member of the wastewater, young professional, and industrial committees.

Session 20	1	Totally Rad Solutions for Uranium and Radium Removal	Sanika Pendse	AdEdge Water Technologies	I work as an Applications Engineer with AdEdge Water Technologies, working primarily on design, scoping and costing ground water treatment systems. I have a master's degree in Environmental Engineering from Georgia Tech. I was born and brought up in India but have been living in Atlanta for the past 3 years.
Session 20	2	Gas or Liquid Chlorine; What is your Choice for Disinfection?	Chandra Mysore	Jacobs	Dr. Chandra Mysore has more than 30 years of experience, holding key positions in the private and public sectors. His expertise involves developing innovative solutions to environmental challenges in source water and water treatment. His experience ranges from conventional treatment to advanced water treatment processes, including ozone, ultraviolet, membranes, and advanced oxidation. Chandra has served as technical advisor or principal investigator for numerous bench-, pilot-, and full-scale studies and has evaluated the feasibility of emerging technologies. Chandra has participated in numerous Water Research Foundation/US Environmental Protection Agency-funded water treatment projects. He has authored more than 100 technical papers and several book chapters.

<p>Session 20</p>	<p>3</p>	<p>YEAR-LONG EVALUATION ON THE OCCURRENCE AND FATE OF PHARMACEUTICALS, PERSONAL CARE PRODUCTS, AND ENDOCRINE DISRUPTING CHEMICALS IN AN URBAN DRINKING WATER TREATMENT PLANT</p>	<p>FRANCIS KUNG'U</p>	<p>ENGINEERING DESIGN TECHNOLOGIES, INC.</p>	<p>Dr. Kung'u was born in Kenya but has lived in the United States for the last 28 years. He holds a Bachelor of Science degree (BS) in Civil Engineering from the University of Nairobi, Kenya; a Master of Science degree (MS) in Environmental Engineering from the University of Alabama in Tuscaloosa, Alabama; and a Doctor of Philosophy degree (PhD) in Civil Engineering from the University of Alabama in Tuscaloosa, Alabama. Dr. Kung'u has more than 25 years of experience in utility management, teaching, research, and engineering design and consulting. His experience include conducting research and publishing articles on water, wastewater, and stormwater systems constituents, treatment, and rehabilitation; providing consulting expertise in federal wastewater-related consent decrees, managing the DeKalb County Department of Watershed Management as Director; negotiating and implementing federal consent decrees and state consent orders; planning and designing water treatment and distribution systems; planning and designing wastewater collection, transmission, and treatment systems; managing the design of combined sewer separation projects; planning and implementing stream buffers (greenways); developing wastewater and stormwater master plans; conducting urban watershed management research; and assisting local governments with planning and zoning matters as a volunteer. Dr. Kung'u is currently Senior Vice President with Engineering Design Technologies, Inc. (EDT) in Marietta, Georgia.</p>
<p>Session 21</p>	<p>1</p>	<p>How to Use Hand Tools and Power Tools Safety</p>	<p>Cornell L. Sims</p>	<p>Clayton County Water Authority</p>	<p>Cornell Sims is the current Chair of the GAWWA/GAWP Diversity Committee and is an active member of the Membership and Safety Committee for GAWP. Cornell is a Stormwater Management Technician for the Clayton County Water Authority, with 10+ years of experience, and also serves as a departmental representative of CCWA's Safety Committee. Cornell currently holds certifications for Water Distribution Operator, Wastewater Collections System Operator, and a State of Georgia Backflow Prevention Assembly Tester</p>

Session 21	2	Fall Protection	Darrel West	ESG Operations	Darrel West currently serves as the corporate safety director for ESG Operations in Macon, GA. Mr. West graduated in 1990 with a degree in chemistry and has been in the water and wastewater industry for 25 years and safety for 20. Mr West is an OSHA authorized general industry and construction outreach trainer, ATSSA Flagger Instructor, Excavation, Trenching and Soil Mechanics Instructor and AHERA asbestos Inspector.
Session 22	1	DMA/Pressure Management	Isabel Szendrey	Water Systems Optimization Inc.	Isabel Szendrey is Director of NRW Management at WSO assisting water utilities understand and manage their water losses. Isabel has experience with NRW reduction programs throughout the US and Puerto Rico both as a water agency representative and as a consultant. As a water loss professional, Isabel has been involved in the development, analysis and execution of cost effective strategies considering operational feasibility across multiple departments within the organization. Prior to joining WSO, Isabel served as Advisor to the Executive President of the Puerto Rico Aqueduct and Sewer Authority (PRASA) developing strategies for the reduction of water losses.
Session 22	1	How Leak Detection, Meter Testing, DMA/Pressure Management and Component Analysis Can Get You Saving Water and Money!	Steve Seachrist	Gwinnett County Department of Water Resources	Steve Seachrist has over 30 years' experience in civil engineering, including stormwater modeling and design, roadway design and project management, water distribution system design, and water production technical support. He is a licensed Georgia Professional Engineer and works for the Gwinnett County Department of Water Resources. He is a member of the GAWP Water Loss Control Committee and a Georgia Qualified Water Loss Auditor.
Session 22	1	How Leak Detection, Meter Testing, DMA/Pressure Management and Component Analysis Can Get You Saving Water and Money!	Eric Swett	Gwinnett County Department of Water Resources	Eric Swett has over 12 years' experience with Gwinnett Department of Water Resources and is now the Preventive Maintenance Section Manager for the Field Operations Division. He is over the division's condition assessment programs and leak detection program. He is a new member of the GAWP Water Loss Control Committee and is in training to be a Georgia Qualified Water Loss Auditor.
Session 22	1	No presentation - Part of Water Loss Panel	Larry Lewison	Cavanaugh	Larry Lewison is a Non-Revenue Water Analyst at Cavanaugh. Larry has 25 years of experience in water resources engineering, and has been project coordinator for the last 3 rounds of GEFA's water loss technical assistance.

Session 22	1	Water Loss Control - Panel Discussion	Brandon Crook	Master Meter	Brandon Crook is currently the Regional Sales Manager for Master Meter Incorporated in Georgia and Alabama. He has been active in the Georgia Water Industry since 2002. His prior experience comes from tenures with Clayton County Water Authority, Gwinnett County Department of Water Resources, Georgia Association of Water Professionals and the Georgia Water and Wastewater Institute. He is a member of GAWP, GRWA, ABPA, and AWWA. Brandon has assisted with ABC exam assessments, and currently serves on numerous committees including the AWWA national Cross-connection control Committee.
Session 23	1	The Effect of Lab Cleanliness on Low-Level Metals Testing	Michael Bechtold	Environmental Express	Michael Bechtold graduated from the University of South Carolina with a B.S. in Chemistry with Honors from the South Carolina Honors College. His background is Organic Chemistry and he worked for an organic reference standard manufacturer for several years. He is currently employed with Environmental Express as a technical specialist.
Session 23	1	Experienced Voices: The Ins and Oats Of Purchasing New Instrumentation For The Laboratory	Ken Mendenhall	Columbus Water Works	Worked at Miller Brewing as a Packaging-Technical Packaging Analyst and a Product Chemist Ken -worked with Lucent Technologies as a process engineer in the Fiber Optic Division in Atlanta, Ga.. Ken is currently a Chief Lab Analyst with Columbus Water Works He holds a B.S. degree in chemistry from Columbus State University
Session 23	2	Experienced Voices: The ins and Outs of purchasing and implementing New Instrumentation in the lab	Helen Ellis	City Of Atlanta	Helen Ellis is a native of Atlanta, Georgia. Upon graduation from Emory University with a Bachelor's degree in chemistry, she worked for the Center for Disease Control and Prevention and as a laboratory analyst for Analytical Services Incorporated. Following her passion for animals, the environment and water, she worked at the Georgia Aquarium as a Chemist, rising to the position as Chemist/ laboratory manager. At the aquarium, Helen utilized her skills as a scientist and administrator to develop and implement several analytical assays and an environmental program. She circulated information via multiple co-authored publications and presentations. In 2014, Helen shifted her career focus to encompass the environment and water issues when she acquired the position as drinking water chemist for the City of Atlanta. She continues to advocate for the community in her participation with various volunteer efforts focusing mainly on the homeless in Atlanta, female empowerment, student STEM education, and animal rights.