

AWWA Webinar Program: Sponsored Webinar from GE Digital: It's More than Grayscale: Busting Myths about High Performance HMI

June 9, 2020

Presenter Biography Information

Scott Duhaime – GE Digital

Leigh McDermott – Region of Waterloo

Aaron Knight – GrayMatter

AWWA Webinar Program: Returning to Service: Addressing Water Quality in Buildings with Low or No Use

June 10, 2020

Presenter Biography Information

Ken Rotert – Physical Scientist, USEPA, Office of Ground Water and Drinking Water

Ken is a Physical Scientist with the EPA Office of Ground Water and Drinking Water where he has worked on the development and review of drinking water regulations since 1998. He has focused his regulatory efforts on microbiological regulations, including Legionella, E. coli, viruses, and Cryptosporidium. He has also lead efforts to explore the potential public health impacts of problems associated with drinking water distribution systems, and is a member of the ASHRAE 514 Committee developing a standard on building water systems. He has Bachelor's Degrees in Biology and Chemistry, and a Masters Degree in Environmental Engineering.

William Platten, PhD – Environmental Engineer, USEPA, Office of Water

Bill Platten is an Environmental Engineer in EPA's Office of Ground Water and Drinking Water, Water Security Division. He joined EPA in 2015 and helps drinking water systems monitor for and respond to drinking water contamination emergencies. His focus is on response and recovery procedures for contamination in both distribution systems and premise plumbing. He holds a Bachelor of Science in Civil and Environmental Engineering and a Master of Science and Doctor of Philosophy in Environmental Engineering from the University of Cincinnati.

Alex Margevicius – Commissioner Cleveland Division of Water

Alex Margevicius started his career at Cleveland Water in 1985 as an entry-level engineer. He held multiple positions in his tenure, including the head of engineering for 16 years. He was named Interim Commissioner in 2011, and was sworn in as the Commissioner of Water in 2016. He holds engineering degrees from Case Western Reserve University, and is on the Executive Board of the Water Research foundation.

Kelley Dearing Smith – Vice President, Communications & Marketing, Louisville Water Company

Kelley Dearing Smith is vice president for communications and marketing at Louisville Water Company in Louisville, Kentucky. She's worked at Louisville Water for over 20 years and is currently vice-chair of AWWA's Public Affairs Council. Much of Kelley's career focuses on brand-building and communicating the value of water.

Mandy Cawby – Director of Customer Relations, WaterOne

As Director of Customer Relations, Mandy oversees Customer Service, Meter Services, and Communication. This includes WaterOne's customer call center, billing, collections, field operations for meter reading and repair, corporate communications, public outreach, community and media relations. Her role is to champion customer service and the customer experience in every aspect of WaterOne's business.

AWWA Webinar Program: WOTUS and Maui – Parallel Developments Impact the Clean Water Act and Source Water Protection

Thursday, June 18, 2020

Presenter Biography Information

Carolyn McIntosh – Partner Squire Patton Boggs (US) LLP

Carolyn McIntosh is a partner of Squire Patton Boggs in its Environmental, Safety and Health practice resident in Denver. She has extensive environmental permitting experience including state and federal permitting under the Clean Water Act, the Clean Air Act, and the Resource Conservation and Recovery Act and numerous state counterpart permitting and compliance programs.

Hilary Meltzer – Chief, Environmental Law Division New York City Law Department

Hilary Meltzer became Chief of the Environmental Law Division of the New York City Law Department in 2019 after serving as Deputy Chief for nine years, and has been a member of that Division since 1992. Hilary received a JD from Yale Law School and a Bachelor's degree with distinction in mathematics from Swarthmore College. She teaches a clinic, "Representing the City," at New York University Law School, and serves as Co-Chair of the National Association of Clean Water Agencies' Legal Affairs Committee.

Nick DiMascio – Senior Attorney Denver Water

Nick DiMascio is Denver Water's Senior Environmental Attorney. Nick started his career as an Honors Attorney in the Appellate Section of the U.S. Department of Justice's Environment & Natural Resources Division. He later entered private practice, where he represented state and local governments in environmental litigation and permitting matters for major infrastructure projects. Nick currently serves as Vice Chair of the Colorado Bar Association's Environmental Law Section.

AWWA Webinar Program: Current and Emerging Technologies for PFAS Treatment and Lessons Learned

Tuesday, June 24, 2020

Presenter Biography Information

Mark Wetzel – Superintendent of Public Works Town of Ayer, Massachusetts

Mark Wetzel is the Superintendent of Public Works for the Town of Ayer, Massachusetts, responsible for water, wastewater, stormwater, road maintenance, snow plowing, and solid waste. Prior to Ayer, Mark was a consulting engineer specializing in municipal water supply and treatment, working on projects throughout New England. Mark has a BSCE from the University of Vermont and is a registered Professional Engineer, Certified Professional in Storm Water Quality, Certified Drinking Water Operator, Certified Wastewater Treatment Operator and member of MWWA, NEWWA, NEWEA and APWA. He is chairman of the New England Water Works Association Information Technology Committee and has presented multiple papers on water supply and treatment, including, most recently, PFAS contamination and treatment.

Ji Im – Environmental Engineer CDM Smith

Ms. Ji Im is an environmental engineer who specializes in drinking water treatment projects for municipal clients at CDM Smith and has worked on a number of PFAS treatment studies, design

and construction projects throughout the northeast. Her work is in the design of new water treatment facilities, existing plant upgrades, and studies for master planning, treatment evaluations, regulatory review, and water quality analyses. She is an active volunteer for AWWA, presently serving as the Vice Chair of the AWWA's National Young Professionals Committee and as a member of AWWA's Technical and Education Council and the New England section's Program Committee.

William Dowbiggin – Senior Vice President, Senior Environmental Engineer CDM Smith
Drinking water expert Bill Dowbiggin has designed more than 60 major water treatment plants, including 12 completely new greenfield plants. As a well-known leader of the water industry, he can often be found making presentations at major conferences, teaching designers and operators, and carrying out bench and pilot-scale research studies. Bill has been awarded multiple honors from the American Water Works Association (AWWA) and the American Council of Engineering Companies (ACEC), ranging from winning the Best Masters Thesis from AWWA in 1987 to his work on numerous Excellence Award winners from ACEC in recent years to a 2013 George Warren Fuller Award from AWWA for distinguished service to the water supply field.

Barton Reed – Associate and Environmental Engineer CDM Smith
Reed Barton is an Associate and environmental engineer with CDM Smith. He has 15 years of experience focused on the planning, design, and construction of water treatment and conveyance infrastructure. Reed obtained a BS in Integrated Science from James Madison University and a MS in Environmental Engineering from Virginia Tech and is a licensed professional engineer in multiple states. Reed's expertise includes addressing emerging contaminants in public drinking water systems, and in recent years he has assisted a number of public water systems with addressing PFAS contamination in their drinking water. This work has included pilot studies to evaluate the performance of GAC, Ion Exchange, Membranes, Ultraviolet Advanced Oxidation, and Foam Fractionation for the removal of PFAS. He served on the leadership team for the planning and design of the 48-mgd expansion of the Northwest Water Treatment Plant in Brunswick County, North Carolina; which includes a new 41-MGD Reverse Osmosis (RO) treatment facility to remove high levels of PFAS compounds. When construction is completed, the Northwest WTP membrane facility will be the largest membrane application for advanced PFAS removal and the third largest RO membrane facility in the U.S.

Brian Chaplin – Associate Professor the University of Illinois at Chicago
Dr. Brian Chaplin, associate professor at the University of Illinois at Chicago and co-founder of Zyant Research & Innovations, has done researches on advanced oxidation and breaking PFAS compounds. He has co-authored tens of influential publications on developing sustainable technologies for water treatment, catalytic and electrochemical treatment for water reuse, electrochemical disinfection, which have been cited more than a thousand times by other researchers in the field.

Kent Sorenson – Senior Vice President CDM Smith
Dr. Kent Sorenson, senior vice president and nationally recognized groundwater remediation expert, oversees the development and demonstration of innovative site characterization and remediation technologies in the U.S., Europe, and Asia. As a senior technical reviewer for more than 100 government, private and international sites, Kent oversees design and construction operations and works to implement cutting-edge, cost-effective solutions for the client's most

challenging problems. Kent currently holds six U.S. patents and has co-authored over 40 scientific publications related to remediation of soil and groundwater.

AWWA Sponsored Webinar from Hach: Log Reduction for Drinking Water Production – What’s in It for You?

Tuesday, June 30, 2020

Presenter Biography Information

Travis Scurlock – Water Resources Senior Lead Operator, Parker Water & Sanitation District
Travis Scurlock is the District’s Senior Water Lead Operator for Water Resources; he has worked for PWSO for over fourteen years. In that time, Travis held positions in both water and wastewater as an operator and a lead operator. Travis not only is an excellent technical operator in the field but exemplifies the District value of outstanding customer service. Travis was nominated to receive the RMSAWWA Outstanding Distribution System Operator award due in large part to his contribution to the Water Resources Consolidation Project (WRCP). His input and leadership was instrumental in the successful switch from free chlorine to chloramines. The RMSAWWA Outstanding Distribution System Operator award covers New Mexico, Colorado and Wyoming.

Carlos Williams – Applications Development Manager, Hach
Carlos Williams has worked in analytical chemistry for the last 17 years in process and laboratory settings. In his time at Hach he has had the privilege of traveling across North America as well as internationally to teach and lecture on topics such instrumentation, data analysis, and chemistry to help organizations get the most out of their analytical tools. He is currently a Colorado Certified Water Professional. Carlos is based just south of Loveland, Colorado.

Jacob Stephani – Technical Coordinator, Soldier Canyon Water Treatment
10 years in the Drinking Water Industry Entered the Drinking Water Industry 10 years ago as a Plant Operator in NY, and now is the Technical Coordinator at Soldier Canyon Treatment Plant.

Dr Vadim Malkov – Principal Product Applications Manager, Hach
Vadim B. Malkov (PhD Chemistry) joined Hach Company as an R&D chemist in 2002 and moved over to the business organization in 2008. During his tenure at Hach, Vadim has led and participated in development of several process analyzers, methods and applications. Dr. Malkov has published many papers in scientific and professional journals and presented results of his work at multiple conferences in the United States and abroad. Vadim Malkov is currently working at Hach as a Principal Product Applications Manager for Drinking Water with focus on turbidity and disinfection.

Greg Fleck – Global Product Manager, Hach
Greg Fleck is a Global Product Manager at Hach Company and is based in Loveland, Colorado. A member of the Municipal Drinking Water team, Greg looks for ways to improve Hach’s products and explore new applications in Turbidity, Disinfection, and other core drinking water parameters. While working for Hach’s parent company over the past 7 years he has held roles supporting and manufacturing water quality and medical products. Greg holds Bachelor’s and Master’s degrees in Civil Engineering from the University of Maryland.

AWWA Webinar: PFAS: Messaging, Managing Risk, And Testing for Unregulated Compounds
Wednesday, July 22, 2020

Presenter Biography Information

Dr. Erika Houtz – PhD, PE Senior Engineer and PFAS Analytical Lead Arcadis
Dr. Houtz is a senior engineer at Arcadis. She has ten years of academic and professional experience investigating the environmental impacts of PFASs and has significant experience in developing analytical and experimental methods for the measurement of PFASs in environmental and human samples. At Arcadis, she is the PFAS analytical lead and a technical resource for PFAS site investigation and treatment technology evaluation.

Michael J Pickel – PE Director of Compliance and Regulatory Affairs Horsham Water and Sewer Authority

Mr. Pickel has over 40 years' experience in water and wastewater utility operations and management. He joined the Horsham Water & Sewer Authority (HWSA) in 2018. Previous to that, Mr. Pickel served as Vice President & Chief Environmental Officer of Aqua America (Aqua) and has been involved in the PFAS issue in Horsham since it was initially detected in 2014 while Aqua then operated the HWSA water system under a management contract.

Carol T Walczyk – PE, PMP Director, Water Quality and Compliance SUEZ in North America
Carol Walczyk is the Director of Water Quality and Compliance for SUEZ in North America. She has 30 years of experience in drinking water, wastewater, and stormwater planning, infrastructure design, and risk management. She has a BE in Civil Engineering from Cooper Union and is a licensed Professional Engineer and certified Project Management Professional.

Sarah Page – PhD Drinking Water Quality Manager City of Ann Arbor
Sarah Page is the Drinking Water Quality Manager for the City of Ann Arbor and has been a leader in the city's PFAS research, response, and outreach. She has a PhD in Chemistry from the University of Minnesota and served as the Drinking Water Emerging Contaminant and Regulatory Issues Discipline Lead for an international consulting firm prior to her move to Ann Arbor.

AWWA Webinar: Succession Planning: Lessons Learned from a Global Pandemic
Thursday, July 23, 2020

Presenter Biography Information

Margie Hamner – CPTD, ACC CEO & Founder Starfish Consulting, LLC
Margie Hamner, CEO & Founder of Starfish Consulting, is an experienced human resource professional, trainer and leadership coach with over 25 years of experience in private and public sector organizations. For the past 12 years she has worked in the water and wastewater industry as the Human Resources & Organizational Development Manager for the Prince William County Service Authority and as a consultant. Her in depth knowledge and experience in the water and wastewater industry allows her to draw on real world situations, and her teaching style is interactive, practical and fun.

Megan Aubrey – Director of Administration Bedford Regional Water Authority
Megan Aubrey is the Director of Administration at the Bedford Regional Water Authority. She has worked at the Authority for nine years in various roles, including Public Information Officer

and Communications Coordinator. In her current role Megan oversees the Authority's Human Resources, Information Systems, and Marketing/Communications departments. Megan has a degree in Mass Communications from Principia College and is passionate about crafting narratives that help people connect with the water industry.

Dave McDonough – J.D. Director of Police & Homeland Security and COVID-19 Incident Commander WSSC Water

David McDonough is the Director of Police and Homeland Security. This position integrates emergency management and homeland security with WSSC Water Police and security teams to coordinate those public safety functions across the enterprise. David brings more than a decade of experience in emergency management and homeland security across the state of Maryland and in the National Capital Region to WSSC Water. He served as the Director of Strategy, Policy, and External Outreach and as Director of Administration for the Maryland Emergency Management Agency – helping lead that agency through a number of disasters. He was deputy to the Governor's Homeland Security Advisor from 2007 to 2011 and co-authored the State of Maryland's Strategic Plan for Homeland Security.

AWWA Webinar: Process Optimization for Your Water Treatment Plant
Tuesday, July 28, 2020

Presenter Biography Information

Rob Cormier – Principal Engineer Pall Water

Rob is a Licensed Professional Engineer in the State of New York with a BS in Chemical Engineering from the University of Maine. He has 35 years of engineering experience including: work in the paper industry focused in the areas of wet end chemistry and process control at several specialty paper mills and as a consulting engineer involved in industrial process design and process control projects. For the last 17 years Rob has been with Pall Water and has held a variety of roles in the Process Systems group. During that time, he has worked on Pall Water hollow fiber membrane systems with responsibilities including design, quotation, execution and management of municipal and industrial projects. Rob has also been involved with integrated membrane system design incorporating low pressure membranes with NF and RO in the treatment of fresh water and wastewater.

AWWA Webinar: Cross Connection Control
Wednesday, July 29, 2020

Presenter Biography Information

Carolyn Stewart - ASCT Canadian Consultant

Carolyn Stewart has more than 15 years of surveying and program management experience in the cross-connection control industry as a program manager and consultant. Her passion for building effective stand-alone programs is a key part of her commitment to serve on AWWA's Cross Connection Control Committee and M14 Revision Subcommittee.

Byron Hardin - CPM President Hardin and Associates Consulting, LLC

Byron R. Hardin is President of Hardin & Associates Consulting, a firm committed to working with local governments in applying innovative solutions for optimal results. Prior to starting Hardin and Associates Consulting, Byron served as the Dallas/Fort Worth Office Manager for

Brown and Caldwell. Byron currently has over 34 years of state, municipal and private sector experience in the areas of Business Management, Public Works, Water / Wastewater Utilities, and Environmental Health, where he served in the capacity of senior specialist and at department director level. At the state level, he served as Program Manager for the Texas Natural Resource Conservation Commission (TNRCC) in the Public Drinking Water Section/Water Utilities Division. He currently maintains several licenses and national certifications in the Public Works, Water Utilities, and Environmental Health fields. Byron is an approved instructor for Texas Commission on Environmental Quality and the Texas Department of State Health Services and currently instructs for the Texas State University Certified Public Manager Program. His educational background includes a Bachelor of Arts Political Science degree, from the University of Texas at Arlington and a graduate of the University of Texas at Arlington School of Urban and Public Affairs Certified Public Manager Program. Byron is a Texas native, and resides in the North Central Texas area with his wife of 35 years (Michelle) and their 18-year-old son (Garrett).

Mitch LeBas - PE President Backflow Prevention Services, LLC

Mitch LeBas, a licensed professional engineer in the State of Louisiana, is a member of the AWWA Cross Connection Control Committee and Chairman of the M14 Revision Subcommittee. He has been actively involved within the backflow industry for more than 15 years and has assisted more than 25 water systems with implementing backflow programs.

AWWA Webinar: Disinfection By-Products: Perspectives on Formation, Control and Mitigation

Wednesday, August 5, 2020

Presenter Biography Information

Susan Richardson – Arthur Sease Williams Professor of Chemistry, University of South Carolina

Susan D. Richardson is the Arthur Sease Williams Professor of Chemistry in the Department of Chemistry and Biochemistry at the University of South Carolina; prior to coming to USC, she was a Research Chemist for several years at the U.S. EPA's National Exposure Research Laboratory. Susan is the recipient of the 2008 American Chemical Society Award for Creative Advancements in Environmental Science & Technology, has received an honorary doctorate from Cape Breton University in Canada, was recognized as an American Association for the Advancement of Science (AAAS) Fellow and an ACS Fellow, and is currently the President of the American Society for Mass Spectrometry and an Associate Editor for Environmental Science & Technology. Susan has a Ph.D. in Chemistry from Emory University and a B.S. in Chemistry & Mathematics from Georgia College & State University.

Susan Teefy – Manager of Water Quality East Bay Municipal Utility District

Susan Teefy is the Water Quality Manager for the East Bay Utility District in Oakland, California. She has 30 years of experience in drinking water treatment, distribution, water quality and regulatory compliance issues. She has a bachelor's degree in Civil Engineering from University of California, Berkeley, and a master's degree in Environmental Engineering from University of North Carolina, Chapel Hill. She is also a licensed water treatment and water distribution operator in California. East Bay MUD's treatment plants use free chlorine, ozone, and chloramine, and thus Susan has

experience with several disinfection byproduct monitoring and control issues.

Charlie (Qun) He – Vice President, Chief Technologist –Decision Support, Carollo Engineers, Inc

Charlie (Qun) He, a vice president and chief technologist with Carollo, has more than 19 years of experience in water and wastewater treatment, water quality, and water resources. Mr. He has extensive experience in water and wastewater treatment, with an expertise in developing and optimizing treatment strategies for complex industrial wastewater treatment. He has gained experienced working with semiconductor, data center, mining, chemical, power, textile, food and beverage, and manufacturing industries. He leads the company's integrated decision support system team and is leading the research and development of Blue Plan-it® Decision Support System, an advanced water and wastewater system simulation and optimization tool. He is Carollo's membrane desalination and concentrate management expert for the southwest region and one of the R&D Innovation Lead for the Carollo's Research Group. He is the chair of AWWA Manual of Practice 69 –Inland Desalination and Concentrate Management and the vice chair of the AWWA Joint Research Committee. He is the ex-chair of AZ Water Association Research Committee and the ex-chair of the AWWA Joint Research Committee. In addition, Mr. He is a LEED AP and has gained extensive exposure to the field of sustainability

AWWA Webinar: Water Utilities & Finance: Getting Back to Business Post Pandemic

Friday, August 14, 2020

Presenter Biography Information

Angela Bricmont – Chief Financial Officer Denver Water

Angela Bricmont is the CFO for Denver Water, responsible for accounting, budgeting, rate setting, treasury, purchasing and records management. Prior to Denver Water, she spent 10 years as a consultant, assisting public utilities across the U.S. with long-range financial planning. She has also worked in the telecommunications field developing rates under a regulatory process with state commissions and the FCC. She has a bachelor's degree in Finance and an MBA from the University of Denver, Daniels College of Business.

Steven Lewis – Director BlackRock

Steven Lewis is a Director for BlackRock, Inc., and a member of the firm's Municipal Bond team within Blackrock's Global Fixed Income group. He serves as a Credit Research Analyst focusing on essential service sectors including water utilities. Prior to joining the credit research team, Steven served for 20 years as a portfolio manager on BlackRock's municipal money market desk. Steven's service with the firm dates to 1988, including his years with Merrill Lynch Investment Managers (MLIM), which merged with BlackRock in 2006. Steven is a CFA charter holder and graduate of Union College (NY).

Ted Chapman – Senior Director, Municipal and Cooperative Utility Group S&P Global Ratings

Ted Chapman is a Senior Director, Municipal and Cooperative Utility Group of S&P Global's U.S.

Public Finance Infrastructure Group. He is part of the team that specializes in utilities, including municipal water and sewer systems, public power, rural electric cooperatives, stormwater, natural gas and telecommunications systems. Ted has also been the lead credit analyst for U.S. territories and commonwealths, governmental-related entities, and local general governments across the United States. Before joining S&P Global, he served as the budget officer for the City of El Paso. Ted has a Bachelor of Arts degree in political science from the University of Arizona and a Master of Public Administration degree from the University of Texas at El Paso.

AWWA Webinar: Sustaining an Asset Management Program: What Works?

Wednesday, August 19, 2020

Presenter Biography Information

Celine Hyer, PE, IAM – Senior Vice President Arcadis

Celine Hyer is the National Water Conveyance Service Line Leader within Arcadis US and is located in their Tampa Florida office. She has a B.S. in Chemical Engineering and an M.S. in Engineering Management from Florida Institute of Technology. Celine has 30 years of experience in Engineering with 20 years that are directly related to advanced asset management program implementations including strategy and renewal and replacement planning for pipelines as well as treatment and pumping facilities. Ms. Hyer currently serves as the Vice Chair of the AWWA Asset Management Committee, the Vice Chair of the AWWA Water Main Condition Assessment Committee, the Chair of the ASCE UESI Asset Management Division, and is the Chairwoman of the Industry Advisory Board for the Sustainable Water Infrastructure Management Center at Virginia Tech.

Jennifer Suttles, PE – Division Director, Operations Technical Services Gwinnett County Department of Water Resources (GCDWR)

Jennifer Suttles is Division Director for Operations Technical Services at the Gwinnett County Department of Water Resources. Her division is responsible for strategic and asset management planning, master planning, research, business case evaluations, and project scoping. Jennifer has a Bachelors in Civil Engineering from Georgia Tech and Masters in Agricultural and Biosystems Engineering from the University of Arizona.

Rachel Crawley, IAM Cert – Asset Management Program Coordinator Tarrant Regional Water District

Rachel earned a Bachelor of Science degree in Multidisciplinary Studies from Texas Tech University in 2007. She began her career at TRWD in 2009 in the Engineering Department. Since then she has served as assistant project manager and project manager of the Asset Management Project. She currently holds the role of Asset Management Program Coordinator for TRWD.

AWWA Webinar: Yokogawa Fluid Imaging Technologies: Integrated Approach to Monitor Taste and Odor Producing Cyanobacteria

Tuesday, August 25, 2020

Presenter Biography Information

Frances Buerkens – Director of Sales, Water Quality Markets Yokogawa Fluid Imaging Technologies Frances Buerkens, Director of Sales for Water Quality Markets, holds an MBA in

Operations Management and a BS in Agriculture and Natural Resource Management. Thanks to her agricultural background, she understands how water quality problems are created. She collaborates with customers around the world to monitor and manage source water, addressing concerns about the cyanobacteria and algae populations that proliferate largely because of agricultural and industrial runoff. Strategic management of toxins, and taste and odor issues form the core of her work. Water has always been central to Frances' life. She was raised on a Virginia farm where the spring ran dry during summer droughts and her family hauled drinking water from mountain springs an hour away to provide sufficient water to drink, cook, clean, and support livestock. She knows firsthand that quality water should never be taken for granted.

Hunter Adams – Environmental Laboratory Supervisor Cypress Environmental Laboratory - City of Wichita Falls, TX

Hunter is the Laboratory Supervisor, Deputy Quality Control Manager, and Technical Manager of Microbiology and Inorganic Chemistry for the Cypress Environmental Laboratory – City of Wichita Falls, TX. He holds a BS and MS in Biology from Midwestern State University. He is a licensed Class A Water Operator and Class C Wastewater Treatment Operator by the Texas Commission on Environmental Quality. He is also a Certified Water Professional and certified in Infrastructure Protection and Infrastructure Disaster Management by the Texas A&M Engineering Extension Service of Texas A&M University, and certified in Utility Risk and Resiliency by AWWA. He has worked in the planning and implementation of microbiological and analytical testing for Direct Potable Reuse and Indirect Potable Reuse systems for the City of Wichita Falls, TX. He has also successfully implemented a Taste and Odor Monitoring Program that has completely eliminated customer complaints for over 3.5 years. Hunter received the WEF Laboratory Analyst Excellence Award in 2020. He has authored and contributed to many publications, including manuals, Opflow, Texas H2O, Bridges, and LCGC North America. Hunter serves as a TCEQ EnviroMentor, a TNI Microbiology Expert Committee Member, an APHL Environmental Laboratory Sciences Committee Member, and on committees with AWWA and WEF.

AWWA Webinar: Inland Desalination and Concentrate Management

Wednesday, September 9, 2020

Presenter Biography Information

Charlie He – Carollo Engineers, Inc.

Charlie (Qun) He, a vice president and chief technologist with Carollo, has more than 19 years of experience in water and wastewater treatment, water quality, and water resources. Mr. He has extensive experience in water and wastewater treatment, with an expertise in developing and optimizing treatment strategies for complex industrial wastewater treatment. He has gained experienced working with semiconductor, data center, mining, chemical, power, textile, food and beverage, and manufacturing industries. He leads the company's integrated decision support system team and is leading the research and development of Blue Plan-it® Decision Support System, an advanced water and wastewater system simulation and optimization tool. He is Carollo's membrane desalination and concentrate management expert for the southwest region and one of the R&D Innovation Lead for the Carollo's Research Group. He is the chair of AWWA Manual of Practice 69 – Inland Desalination and Concentrate Management and the vice chair of the AWWA Joint Research Committee. He is the ex-chair of AZ Water Association

Research Committee and the ex-chair of the AWWA Joint Research Committee. In addition, Mr. He is a LEED AP and has gained extensive exposure to the field of sustainability

Brent Alspach – PE, BCEE Arcadis

Brent Alspach holds both Bachelor and Master of Science degrees in Civil and Environmental Engineering from Cornell University in Ithaca, NY. Mr. Alspach joined Arcadis in 1997 and currently serves as Director of Applied Research. He the Chair of the AWWA Water Quality and Technology Division and is the immediate past President of the American Membrane Technology Association (AMTA).

Dave Stewart, PhD – PE Stewart Environmental Consulting Group, LLC

Dr. David Stewart is President and CEO of Stewart Environmental Consultants Consulting Group, LLC in Fort Collins, Colorado. Dr. Stewart holds a PhD in Environmental Engineering, a Master of Business Administration, and a BS in Civil Engineering from Colorado State University, as well as a Master's in Environmental Engineering from the University of Arizona. Dr. Stewart has done permitting and regulatory compliance for water and wastewater systems for over 40 years. Dr Stewart is involved in several RO-ZLD projects at this time and is obtaining all of the necessary permits for the project. He also is an adjunct professor at Colorado State University.

AWWA Webinar: Planning Your Smart Water Journey

Wednesday, September 16, 2020

Presenter Biography Information

Jay Krauss – General Manager Sammamish Plateau Water

Jay Krauss has been the General Manager of Sammamish Plateau Water since October 2010. Jay has a Masters Degree in Public Administration from Northern Illinois University. Prior to coming to Sammamish Plateau Water he spent 24 years in the field of City Management working in Carpentersville and Huntley Illinois, Niagara and Sturgeon Bay Wisconsin, and Lewiston Idaho. He is now a reformed city manager. While managing Sammamish Plateau Water, Jay and his staff have applied the principles of asset management through in-house initiatives to prove that it is possible to have responsible and sustainable utility management at the local government level.

Ross Clark – IT Project Manager Sr City of Austin, Austin Water, IT Services

As a geospatial professional working for the City of Austin for 21 years, Ross Clark knows his way around enterprise GIS management, floodplain management, long-range planning, and utilities . He holds a bachelor's degree in Geography from the University of Texas at Austin. When he's not managing projects for Austin Water's GIS Services team, he's doing his part to keep Austin weird.

Ting Lu, PhD, PE – Business Practice Leader, Digital Solutions Clean Water Services

Dr. Ting Lu is the Business Practice Leader for Digital Solutions at Clean Water Services in Hillsboro, Oregon. Ting leads and directs innovation of digital solutions and oversees day to day IT implementations and the implementation of data management and IT and OT integration. She is the Intelligent Water Focus Group Chair for the Water Research Foundation LIFT program

Michael Salas SVP – Chief Information & Digital Officer SUEZ in North America

Michael Salas serves as chief information and digital officer for SUEZ North America, a subsidiary of SUEZ. In this position, he is responsible for all aspects of the company's IT, innovation and

digital strategy and governance. In addition, he is accountable for transformation and project delivery, systems development and maintenance, infrastructure and IT service delivery. Michael has over 20 years of experience and a proven ability to lead major technology-enabling business transformation programs while consistently delivering great customer and employee experience.

AWWA Webinar: Metering Without a Hitch

Tuesday, September 29, 2020

Presenter Biography Information

Morrice Blackwell – Senior Solution Architect Badger Meter

Morrice Blackwell - Morrice is a recognized industry expert in water technology products and has over 26 years of experience in the areas of engineering, marketing and sales. Morrice joined Badger Meter in 1994 and has gained depth of knowledge and experience through his broad spectrum of positions including senior manufacturing engineer, production manager, customer solutions manager, application engineering/training manager, and marketing manager. Morrice offers this experience to water utility customers to assist them in effectively meeting and exceeding their short-term and long-term improvement objectives throughout their organizations. He holds a bachelor's of science degree in mechanical engineering from Marquette University and a master's degree in engineering management with an emphasis on marketing and operations from the Milwaukee School of Engineering. Morrice is also the founder and host of the water utility video podcast, The Smart Water Show. Check out past episodes at www.smartwatershow.com

Jackie Baumann – Chief Engineer the City of Gonzales, LA

Jackie Baumann - Jackie is a professional, civil engineer. She graduated from the LSU College of Engineering in 2000 and began her career designing residential and commercial developments. Thirteen years ago, Jackie transitioned from private design work to municipal project management as Ascension Parish Engineer. For the past 10 years, Jackie has been dedicated to the City of Gonzales as Chief Engineer, where she manages storm water, drinking water, sewer, natural gas, and roadway infrastructure projects. Jackie serves on numerous committees representing Gonzales and works to improve environmental health.

Joey Mitchell – Vice President UMS

Joey Mitchell - Joey has more than 15 years of technical and real-world experience assessing, defining, and deploying Advanced Metering networks for water, gas, and electric utilities. He has held executive leadership positions developing multi-million-dollar sales channels and has been responsible for building software integration and professional services teams.

AWWA Webinar: Water Reuse: Back to the Basics

Wednesday, September 30, 2020

Presenter Biography Information

Alan Rimer – Vice President, Water Reuse EnviroTechNovations LLC

Alan retired from Black & Veatch several years ago where he managed the firm's water reuse program. He continues to consult for Black & Veatch as well as other public and private clients around the world on water reuse matters. His technical expertise includes studies involving

potable and non-potable reuse treatment technologies and he has managed the design of over one billion gallons of water reuse treatment facilities.

Jason Curl – Regional Reuse Practice Lead Hazen and Sawyer

Jason is a senior associate with Hazen and Sawyer, and has been located in Denver for the duration of his 17-year career. His technical expertise includes drinking water, potable and non-potable reuse treatment technologies and implementation. Jason has been technical lead, project manager and design manager for large and complex projects for dozens of projects throughout the US totaling more than 500 mgd of installed treatment capacity.

Bruce Chalmers – Program Manager, Reuse Metropolitan Water District

Mr. Chalmers has 40 years of design and managerial experience in the fields of water and wastewater engineering. He has been involved in projects encompassing the planning, design, and construction management of water storage and distribution facilities, sewage collection systems, sewage lift stations, water booster stations, chemical systems, and water and wastewater treatment plants. Mr. Chalmers is the Program Manager for the Metropolitan Water District's Regional Recycled Water Program. Mr. Chalmers has extensive large project experience managing multiple firm project teams. Mr. Chalmers has been responsible for the numerous water and sewer projects, including four recycled water plants, including the 70-million-gallons-per-day (mgd) Groundwater Replenishment System (GWRS) for the Orange County Water District, currently the largest Indirect Potable Water recycled water project in the world. Mr. Chalmers has a BS from UCLA and a master's degree in civil engineering from Cal State Long Beach. He is a professional engineer in California, Florida and Nevada.