

Joint Annual Meeting

August 8-11, 2021
Tan-Tar-A/Margaritaville Lake Resort
Osage Beach, MO



Missouri Section
American Water Works Association



American Water Works
Association

Dedicated to the World's Most Important Resource

&



wef
member association

Fellow Water & Wastewater Professionals:

This registration packet contains information for the 2021 Joint Conference of the Missouri Water Environment Association (MWEA) and the Missouri Section of the American Water Works Association (MO-AWWA). This year's meeting represents the 16th Joint Conference held between our organizations. Due to the outpouring of positive feedback we have received across our respective membership bases, MWEA and MO-AWWA have signed a new agreement to continue holding the Joint Conferences through 2023 at the Margaritaville Lake Resort (Tan-Tar-A).

As in the past, the combined meeting allows for an expanded technical program and a combination of agenda items that concern both organizations. **John Killips** (MWEA) and **Mike Klender** (MO-AWWA) have served as Program Committee Co-Chairs for this year's meeting and have prepared an outstanding technical program. The local arrangements have been finalized via the hard work of **Bob Parks** (MOAWWA) and **Bently Green** (MWEA). There are many combined social activities to choose from including a golf tournament, a Sunday social night, and a variety of other activities. Proceeds from many of these events will benefit **Water For People**.

We plan to have Exhibitors this year. The Exhibit Hall will be open from Sunday afternoon until Tuesday afternoon, and there are many events scheduled in the Exhibit Hall. These items include the **Water For People** Silent Auction, social hours on Sunday and Monday evenings, and numerous meal functions. We encourage everyone to spend time in the Exhibit Hall and take advantage of having so many industry service providers together in a single location.

Please note **THE LAYOUT OF THE EXHIBIT HALL WILL BE SLIGHTLY CHANGED THIS YEAR DUE TO COVID-19. HOWEVER, THE BOOTH SIZE WILL REMAIN 8' X 8' IN THE EXHIBIT HALL.**

The Opening Session will be on Monday morning, and the Keynote speakers will be Mack & Ria Story, co-founders of Top Story Leadership. They are Certified Speakers & Trainers, as well as published authors with more than 20 books available on leadership development, personal growth, and inspirational topics. Another special guest will include Keith Hobson, WEF Treasurer and AWWA President, Chi Ho Sham.

We will hold the Joint Banquet on Tuesday evening that includes a new form of entertainment for our conference. Individual MWEA and MO-AWWA functions and meals are dispersed throughout the three and a half days, so please refer to the program and registration information for these items.

The Joint Conference will conclude after the MWEA Business Lunch and the MO-AWWA Awards Luncheon on Wednesday.

Many dedicated volunteers have spent tremendous amounts of time and energy putting together the 2021 Joint Conference. We are confident that it will be an exciting and informative event that all will enjoy.

We look forward to seeing you at the Conference!

Sincerely,

Joel Ogle

Joel Ogle
AWWA Chair

Jim Burks

Jim Burks
MWEA Past President

**MISSOURI WATER ENVIRONMENT ASSOCIATION
&
MISSOURI SECTION - AMERICAN WATER WORKS ASSOCIATION
JOINT ANNUAL MEETING
AUGUST 8-11, 2021**

PROGRAM SUMMARY

SATURDAY, AUGUST 7, 2021

1:30 p.m. to 4:30 p.m. **MWEA EXECUTIVE COMMITTEE MEETING**

SUNDAY, AUGUST 8, 2021

11:00 a.m. to 5:00 p.m. **REGISTRATION** (Convention Registration Desk)

8:30 a.m. to 3:30 p.m. **GOLF OUTING – JOINT** (The Oaks) Four Person Scramble format
Shotgun Start at 10:00 a.m. Sharp – Check in & Range Practice at
8:30

*Note: Limited space, participants should pre-register.
Proceeds to “Water for People”*

8:00 a.m. to 11:00 a.m. **LABORATORY ANALYST CERTIFICATION EXAM**

12:00 p.m. to 4:30 p.m. **LABORATORY WORKSHOP**

**Benchsheet 101: Reading Between the Numbers in the Past,
Present, and Future**

Jacob Schworer – Laboratory Analyst, City of Jefferson, MO

Tips and Tricks for Completing Your DMR-QA Testing

Natalie Stahl – IMINC

Contaminants of Emerging Concern (CECs): PFAS and More

Dr. Charles Hostetler – Director of Environmental Services, Lisa
Yerby Grant – Corporate Director of Client Services, and Mark
Schrader – Technical Services Manager, PDC, Inc.

Asset Management: Stepping Into Someone Else’s Shoes

Jane Hood – LPC Member and Rodney Spires – Lab Technician
Hannibal Board of Public Works

1:00 p.m. to 4:00 p.m. **COLLECTION SYSTEM VOLUNTARY EXAM – MWEA**

4:30 p.m. to 7:00 p.m. **EXHIBIT AREA OPEN; ICEBREAKER RECEPTION**
Hors d’oeuvres & Cash bar (Grand Ballroom)

8:00 p.m. to 11:00 p.m. **YOUNG PROFESSIONALS AND PLANT OPERATORS SOCIAL**

MONDAY, AUGUST 9, 2021

6:30 a.m. to 5:00 p.m. **REGISTRATION** (Convention Registration Desk)

7:00 a.m. to 9:00 a.m. **BREAKFAST OPENING SESSION – JOINT**

Welcome – Jim Burks (President MWEA) and
Joel Ogle (Chairman MO-AWWA)

Keynote Speakers – Mack and Ria Story; Blue Collar
Leadership

9:00 a.m. to 6:30 p.m.	EXHIBIT AREA OPEN
9:00 a.m. to 6:00 p.m.	SILENT AUCTION (Exhibit Area) <i>Proceeds to "Water for People"</i>
10:00 a.m. to 11:45a.m.	CONCURRENT TECHNICAL SESSIONS
Noon to 2:00 p.m.	MWEA AWARDS LUNCHEON
Noon to 2:00 p.m.	MO-AWWA BUSINESS LUNCHEON
2:00 p.m. to 5:05 p.m.	CONCURRENT TECHNICAL SESSIONS
5:05 p.m. to 6:30 p.m.	RECEPTION (Exhibit Area)
9:30 p.m. to Midnight	CORNHOLE TOURNAMENT <i>Proceeds to "Water for People"</i>

TUESDAY, AUGUST 10, 2021

7:00 a.m. to 5:00 p.m.	REGISTRATION (Convention Registration Desk)
7:00 a.m. to 1:30 p.m.	EXHIBIT AREA OPEN
7:00 a.m. to 1:00 p.m.	SILENT AUCTION (Exhibit Area) <i>Proceeds to "Water for People"</i>
7:00 a.m. to 8:30 a.m.	MO AWWA/MWEA YP COMMITTEE MEETING BREAKFAST
7:00 a.m. to 8:30 a.m.	EXHIBITORS CONTINENTAL BREAKFAST– JOINT (Exhibit Area)
8:00 a.m. to 11:55a.m.	CONCURRENT TECHNICAL SESSIONS
Noon to 1:00 p.m.	EXHIBITOR'S LUNCH – JOINT (Exhibit Area)
1:15 p.m. to 5:00 p.m.	CONCURRENT TECHNICAL SESSIONS
5:30 p.m. to 10:00 p.m.	JOINT BANQUET 5:30-6:00 Happy Hour, Dinner 6:00, Entertainment 8:00

WEDNESDAY, AUGUST 11, 2021

7:00 a.m. to 10:00 a.m.	REGISTRATION (Convention Registration Desk)
7:00 a.m. to 8:30 a.m.	MWEA COMMITTEE CHAIR BREAKFAST
8:00 a.m. to 9:00 a.m.	MWEA SSSSS MEMBER BREAKFAST
9:15 a.m. to Noon	CONCURRENT TECHNICAL SESSIONS
Noon to 1:30 p.m.	MO-AWWA AWARDS LUNCHEON
Noon to 1:30 p.m.	MWEA BUSINESS LUNCHEON

MONDAY, August 9, 2021 (AM)

		Small Systems	Risk & Resiliency	Commissioning	Diversity & Inclusion	Utility Management
10:00 AM	10:50 AM	City of Pacific - Creative Solutions for WWTF Flooding Challenges	Risk and Resilience In Action - The Story of De Soto Kansas	Gas Safety: Awareness & Best Practices for the Commissioning and Operation of Anaerobic Digesters	AWWA Diversity & Inclusion: A Workplace Mindset	A Phased, State of The Art Technology Based Approach to Assessing KC Water's Missouri Valley Tunnel
		<i>Debi Gibbins, Burns & McDonnell</i>	<i>Lisa Douglas, Kowelman Engineering, Inc.</i>	<i>Alex Koutsostamatis, CB&I Storage Solutions</i>	<i>MO-AWWA</i>	<i>Charles Stevens, KC Water</i>
10:55 AM	11:45 AM	City of Lanagan - Water Upgrades	Planning for Resiliency in the Wake of a Record Flood Event: Managing Water Quality & Treatment at the Kansas City, MO WTP	Facilities Commissioning – The Final Frontier	MWEA Diversity & Inclusion Unconscious Bias Training	Water & Wastewater Easement Acquisition: Effective Planning and Execution Strategies
		<i>Elke Boyd, Thouvenot, Wade and Moehrchen, Inc.</i>	<i>Karen Dietze, Black & Veatch</i>	<i>Amanda Caldwell-Jacques, Burns & McDonnell</i>	<i>MWEA</i>	<i>Kyle Landwehr, Bartlett & West</i>

MONDAY, August 9, 2021 (PM)

		Innovation & Technology	Corrosion Control	Nutrients	Asset Management	Utility Management
2:00 PM	2:50 PM	Leveraging Big Data to Make Informed Decisions on Nitrification Monitoring and Control	60-Plus Years of Corrosion and Its Control for Ductile Iron Pipe	Show Me Ways to Improve Biological Phosphorus Removal in the Wet and Cold	Facilities Asset Management – The Next Frontier in Asset Management	Triple Bottom Line Evaluation of Stormwater, Wastewater, and Watershed Opportunities to Support Springfield's Integrated Plan
		<i>Karen Marie Dietze, Black & Veatch</i>	<i>Allen Cox, Ductile Iron Pipe Research Association</i>	<i>Jim Fitzpatrick, Black & Veatch</i>	<i>Ryan Eisele, HDR</i>	<i>Errin Kemper, City of Springfield</i>

3:20 PM	4:10 PM	Application of Machine Learning in Sanitary Sewer Condition Assessment for the City of Raytown	The long awaited Proposed Revisions to the Lead and Copper Rule. An update following the EPA's public comment period.	Nitrogen Removal Flexibility with ORBAL process for Ellsworth, WI	Demystifying Asset Management: Review of MPUA's Collection System Asset Management Tool Kit for Small Communities	Pressure CIPP for Water Lines
		<i>Elango Thevar, Neer Technologies, Inc.</i>	<i>Aaron Robison, HDR</i>	<i>Eric Duden, EVOQUA</i>	<i>Lacey Hirschvogel, HDR</i>	<i>Brian McCrary, AEGION</i>
4:15 PM	5:05 PM	Creating a Virtual Water Treatment Facility	Corrosion Control Studies - Identifying and Mitigating Risks from Lead	Breaking Down Barriers: Revising Missouri's Water Quality Trading Framework to Promote Cost-Effective Nutrient Reduction Strategies for Municipal Utilities	Approaches to Prioritization in Stormwater Asset Management	Just the FACTs... Information in a Small Package
		<i>Michael Lewis, American Water</i>	<i>Emily Tummons, Black & Veatch</i>	<i>David Carani, HDR</i>	<i>Page Burks, Black & Veatch</i>	<i>Brent Herring, KC Water</i>

TUESDAY August 10, 2021 (AM)

		Collection Systems	Alternative Delivery	Water Distribution	Planning & Financing	Pump Stations	Water Design Build Council
8:00 AM	8:50 AM	Microtunneling Success Story (aka: "How did we miss that?")	The Real Deal on Design Build/Collaborative Delivery - Three Case Studies	Mark Twain Lake - North Fork Subaqueous Crossing	Financing Our Water Future – Case Studies from EPA’s WIFIA Program	How Public Water Supply District No. 1 of Lincoln County, Missouri (PWSD1) is regionalizing their district	Deciding to Implement a Collaborative-Delivery Project
		<i>Michelle Carter, HDR</i>	<i>Suzie Carpenter, Black & Veatch</i>	<i>Gary Davis, Barlett & West</i>	<i>Derek Gardels, HDR</i>	<i>Jason Dennis, Burns & McDonnell</i>	<i>Water Design Build Council</i>
8:55 AM	9:45 AM	From Vision to Reality: Blacksake Creek Stormwater Separation Improvement Project – St. Joseph, MO	Collaborative Design-Build Project Results in Affordable Nutrient Removal and Expanded Reuse for Hays, Kansas	Controlling Nitrification of Chloraminated Drinking Water in Distribution Systems	Jefferson City Clearwell and High Service Pump Station	Valve Vault Design Best Practice	Principles & Best Practices of Collaborative Delivery
		<i>Page Burks, Black & Veatch</i>	<i>Eric Farrow, HDR</i>	<i>Michael Galluzzo, City of St. Louis</i>	<i>Justin Steinkuehler, Crawford Murphy & Tilly</i>	<i>Christian Sundberg, Victaulic</i>	<i>Water Design Build Council</i>
10:15 AM	11:05 AM	Bypass Pumping with Urban Constraints	Lessons Learned - Success Strategies for Collaborative Delivery of Water/Wastewater Projects	Controlling Nitrification with Consistent Chlorine Residual	Delivering Assets and Strengthening Communities: A CBP3 Primer	Round Grove Pump Station - City of Kansas City, MO	Risk Management
		<i>Michelle Carter, HDR</i>	<i>Jeff Keller, Burns & McDonnell</i>	<i>Heather Gipp, Crawford Murphy & Tilly</i>	<i>Laura Adams, Black & Veatch</i>	<i>Joslyn Townsend, AECOM</i>	<i>Water Design Build Council</i>
11:10 AM	12:00 PM	Emergency Repairs at Santa Fe Pump Station, or Two Steps Forward and One Step Back	Why CMAR Delivery Worked for the Columbia Digester Complex Improvements Project	The Role of Smart Tanks in Distribution Water Quality Management	Fighting the Mississippi at the Chouteau Island Intake	105 MGD Influent Pump Station Overhaul - Lincoln TSWRRF	Contracts
		<i>Jeff Henson, Black & Veatch</i>	<i>Erin Keyes, COMO</i>	<i>Andrew Seidel, UGSI Solutions Inc</i>	<i>Doug Wachsnicht, Goodwin</i>	<i>Jeremy Walker, Warren Humphrey, Olsson</i>	<i>Water Design Build Council</i>

TUESDAY August 10, 2021 (PM)

		Wastewater Treatment	Potpourri	Asset Management	Master Planning	Disinfection	Water Design Build Council
1:15 PM	2:05 PM	FOG, What a Waste!	Saving millions and providing community benefits using green infrastructure in Evansville, Indiana.	Risk Based Water Main Renewal Prioritization	Johnson County Wastewater’s Integrated Management Plan: Shaping Wastewater Services for Decades to Come	The use of UVC-LED in Wastewater Disinfection	Conducting the Procurement Process
		<i>James McCleish, Horner & Shifrin</i>	<i>Jeff Gratzer, HDR</i>	<i>Michael Pessina, City Utilities of Springfield</i>	<i>Ryan Eisele, HDR</i>	<i>Anjana Kadava, Black & Veatch</i>	<i>Water Design Build Council</i>
2:10 PM	3:00 PM	IFAS UPGRADES COMING TO A CITY NEAR YOU	Water treatment residuals discharge and efforts to comply with narrative water quality criteria	Facility Mapping Solutions - What’s Beneath your Feet?	Multi-Spectral Image Analysis for Urban Water Management: A Case Study for KC Water	Polymer 101 for Water and Wastewater: Chemistry, Handling, Optimization, and Case Studies	Managing and Implementing Collaborative-Delivery Projects
		<i>Chandler Johnson, World Water Works</i>	<i>Cody Luebbering, Yacine Anane, Matt Sainz, Missouri American Water</i>	<i>Nick Kleekamp, GBA</i>	<i>Maya Turner, Carollo</i>	<i>Bob Grundy, UGSI Solutions Inc.</i>	<i>Water Design Build Council</i>
3:15 PM	4:05 PM	Want Clarity in Clarifier Rehab? Performance Data from Around the World Settles Best Alternatives for Upgrading Clarifiers	City of Kirkwood, MO RRA – Going beyond meeting minimum requirements	We’ve Come a Long Way Baby- How Change Management Made MSD’s Asset Management Program a Success	Biogas Pipeline Injection and Navigating the Renewables Fuels Markets	Virus Criteria, What do you Do with Your Disinfection System	Getting to Project Completion & Transition
		<i>Anjana Kadava, Black & Veatch</i>	<i>Dave Yates, Brown & Caldwell</i>	<i>Catherine Politte, Ed Cope, St. Louis MSD</i>	<i>Brian Wirth, Springfield</i>	<i>June Leng, HDR</i>	<i>Water Design Build Council</i>
4:10 PM	5:00 PM	Resizing the Future	Joliet Alternative Water Source Evaluation	Water and Sewer Service for Sustainable Residential Development: A Missouri Case Study	Big Solutions for a Small Community: Developing a Wastewater Master Plan for the City of Republic, Missouri	Chloramine Disinfectant Residual Optimization and Management in Distribution Systems: Taming the Breakpoint Curve Automatically	Open Discussion and Project Experiences
		<i>Sean Mickey, Horner & Shifrin</i>	<i>Ty Besalke, Crawford Murphy & Tilly</i>	<i>David Cavender, City of St. Charles</i>	<i>David Ecklund, Burns & McDonnell</i>	<i>Andrew Seidel, UGSI Solutions Inc</i>	<i>Water Design Build Council</i>

Wednesday, August 11, 2021

Moderator: Jay Hoskins

9:15 AM	10:30 AM	State and Federal Drinking Water & Clean Water Regulatory Updates
10:45 AM	12:00 PM	State and Federal Drinking Water & Clean Water Regulatory Updates

MWEA Laboratory Practices Committee
ORDER FORM

MANUAL OF
LABORATORY
PRACTICES FOR
WASTEWATER
TREATMENT
PLANTS

Section 1

Working in the Laboratory, Hazards, QA/QC, Sampling & Preservation, BOD, TSS, % Solids, Temperature, Turbidity, pH, Settability, DO, SOUR Test

Section 2

Documentation, Laboratory Safety, Solutions, Reagents, Alkalinity, Ammonia, Chlorine Residual, COD, Volatile Acids, Fecal Coliform, Microscopic Examination

Section 3

Personal Protection & Safety, Spectrophotometry, Chloride, Cyanide, Nitrates, TKN, Oil and Grease, Phenols, Phosphorus, Sulfate

Section 4

Flame Atomic Absorption, Graphite Furnace AA, ICP Basic and Gas Chromatography, Cold Vapor Atomic Absorption, Ion Chromatography Mercury by Cold Vapor Atomic Absorption Spectroscopy, WET Test, Laboratory Operations Management.

Please mark items with quantity ordered. Price includes shipping.

____ ea **Section 1** with binder - \$20.00 ____ ea **Section 3**, loose - \$15.00
____ ea **Section 2**, loose - \$15.00 ____ ea **Section 4**, loose - \$15.00
____ ea **Sections 1,2,3,4** with binder - \$50.00

Make checks payable to "MWEA." The LPC is unable to accept purchase orders or cards. Send order form and check to: Phil Adlich, City of Warrensburg, Water Pollution Control 102 S. Holden, Warrensburg, MO 64093

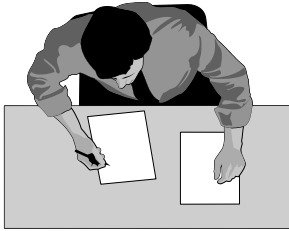
NAME: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

AMOUNT ENCLOSED: _____ PHONE NUMBER: _____



VOLUNTARY COLLECTION SYSTEMS OPERATOR CERTIFICATION

EXAM DATE

The Collection Systems Committee
of the **Missouri Water Environment Association**
is proud to announce the following date and location:

Tan-Tar-A Resort

Osage Beach, MO
Room TBA

Sunday, August 8th, 2021
1:00 p.m. 'til 4:00 p.m.

Applications for examination and/or questions can be secured by contacting:

John Lopez
P.O. Box 835
Smithville, MO 64089
Cell: 816-529-2230
jlo.87728@gmail.com
Jlopez@kcpublicshools.org

Submit Applications for examination by July 20th, 2021.

**Missouri Water Environment Association
Collection Systems Committee
Voluntary Collection Systems Operator Certification**

APPLICATION FOR EXAMINATION

Exam Date _____ **Location** _____ **Time** _____

Applicant Name _____
(Please **print clearly** the name you would want on your certificate)

Address _____

City/Town _____ **State** _____ **Zip Code** _____

Telephone (_____) _____ **Applicant Email address** _____

Employer _____ **Work Email** _____

Supervisor's Name _____ **Supervisor's Telephone** (_____) _____

Certification Level Sought (circle one) **A** (min. 6 yrs.) **B** (min. 4 yrs.) **C** (min. 2 yrs.) **D** (min. 6 mos.)

Experience: (describe Collection System experience; additional experience may be provided on attached sheet, if necessary)

EMPLOYER	CITY	STATE
POSITION		YEARS
DUTIES		
EMPLOYER	CITY	STATE
POSITION		YEARS
DUTIES		

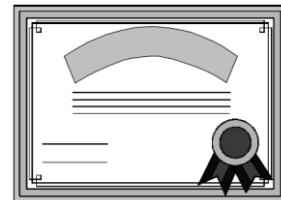
By signing this form, I verify that all information enclosed herein is true and indicate my agreement to abide by testing procedures and rules or decisions of the MWEA Collection Systems Committee regarding certification under this program, and hereby waive any claim that I may have against the Committee or MWEA for alleged negligence or misconduct in its operation/administration of this Program. I further agree to allow MWEA to release information regarding the status of any participant in this voluntary program. Accommodations may be provided for persons with disabilities or physical handicaps. Requests for such must be submitted in writing with this application.

This form to be completed and accompanied by a \$25.00 non-refundable application fee.

Signature: _____ **Date:** _____

Make checks payable to "MWEA" and mail with application to the MWEA

Collection Systems Committee Registrar:



John Lopez
P.O. Box 835
Smithville, MO
64089
Cell: 816-529-2230
jlo87728@gmail.com



WEF Visiting Officer
Keith Hobson
2020-23 Treasurer



Keith Hobson, P.E., BCEE, is the 2020-23 treasurer of the Water Environment Federation (WEF), an international organization of water quality professionals headquartered in Alexandria, VA.

Keith is the president/CEO of FOX Engineering Associates in Ames, Iowa, and has over 35 years of experience as a consultant in the field of environmental engineering for both municipal and industrial clients. He also served with Black & Veatch for over 13 years and has been involved in design of water and wastewater treatment facilities ranging in capacity from 2 mgd to over 400 mgd.

A WEF member since college, he served as speaker of the House of Delegates (HOD) in 2018-2019 and served for two terms on the HOD as a representative of the Iowa Water Environment Association (IAWEA) and as a delegate at large. He has served as chair or vice chair of several Workgroups and Committees of the HOD as well as on the WEF Audit and Government Affairs committees.

Keith has been an active member of IAWEA serving on many committees, chairing the newsletter/publications and financial review committees, as well as consulting with the Iowa Department of Natural Resources on regulatory issues. He also served as chair of the newsletter committee for the Kansas WEA prior to moving to Iowa. He has authored many reports and presented technical papers on various topics in environmental engineering.

Keith holds degrees in civil engineering from Iowa State University (B.S.) and University of Missouri-Columbia (M.S.). He is a board-certified Environmental Engineer (BCEE) through the American Academy of Environmental Engineers and a member of the Select Society of Sanitary Sludge Shovelers. Keith is a registered professional engineer in Iowa and multiple other states. He is a recipient of the Arthur Sidney Bedell Award and the Kenneth J Miller Founders Award.



**American Water Works
Association**

Dedicated to the World's Most Important Resource™

6666 West Quincy Avenue
Denver, CO 80235-3098

T 303.794.7711



Chi Ho Sham, Ph.D.

Chi Ho Sham is a Vice President and the Chief Scientist of Eastern Research Group, Inc. in Lexington, MA. Over the past three decades, he has worked extensively in drinking water protection and water quality issues. He provides technical leadership and advice on scientific research and policy development issues such as source water protection, impacts of wildfires and forest management on water quality, stormwater impacts on water quality, effective utility management approaches, and aquifer storage and recovery.

He is an active member of the American Water Works Association (AWWA) and is currently the President. Chi Ho is a lifetime member of AWWA and he began his AWWA volunteer career at the New England Water Works Association's Water Resources Committee in 1999. He had served at the Committee, Division, and Council levels and worked on a number of policy statements, standards, and manuals of practice. He has served or is serving on the Source Water Protection, Climate Change, Utility Quality Management, Young Professionals, Strategic Planning, Stormwater Management Standard, and Innovation Initiative Ad Hoc Committees.

He received his B.A. from the University of Regina in Canada and his M.A. and Ph.D. from the University at Buffalo where he is the vice-chair of the Dean's Advisory Council of the College of Arts and Sciences. Prior to joining the consulting field, Chi Ho was a faculty member of Boston University from 1982 to 1992. Currently, he is an adjunct professor and a research fellow at Clark University in Worcester, Massachusetts. When not working, Chi Ho enjoys spending time hiking, especially in national parks, and hanging out with friends and family.

2021 Joint Conference Keynote Speakers



Mack and Ria Story

Co-Founders Top Story Leadership

Joint Opening Session – Monday, March 30

Mack and Ria co-founded Top Story Leadership in 2008, are certified leadership speakers and trainers, and have published 23 books on leadership development and personal growth.

Mack Story has logged over 11,000 hours leading teams through organizational change. He is the author of the extremely popular Blue-Collar Leadership Series. Ria Story is an author, TEDx speaker, and expert in leadership and life skills for women. Ria has nearly 20 years of experience in leadership and management.

Top Story Leadership simplifies foundational leadership principles into everyday language and easy to apply and understand concepts, so organizations and individuals can turn potential into reality.

Highlights for them have been:

- Helping train 20,000 Guatemalan Leaders with John Maxwell
- Speaking at Yale University
- Offering leadership development support for the U.S. Military, Chick-fil-A, Auburn University, Chevron, and many other organizations.

Blue-Collar Leadership® provides leaders with a platform for training and developing their workforce to unleash their potential by taking powerful leadership concepts and packaging them in easy to understand and apply resources for:

- Equipping the Leaders
- Engaging the FrontLine
- Encouraging Positive Change
- Empowering Lean/Kaizen Leaders



water for people

MWEA & MO-AWWA Water For People

Sponsorship & Participation Opportunities at 2021 Joint Annual Meeting

The Water For People Committees of MWEA and MO-AWWA will continue their fundraising efforts at the 2021 Joint Annual Meeting at Tan-Tar-A. All funds raised from our various activities, including the Golf Tournament, Silent and Oral Auctions, Bean Bag Tournament and various raffles will be donated to Water For People.

Water For People is an international humanitarian organization that supports the development of locally sustainable drinking water resources, sanitation facilities, and health and hygiene education programs in underdeveloped and economically-challenged countries. Water For People uses water-related programs as catalysts for change in communities that lack access to drinking water and adequate sanitation. By working as a partner, benefited communities directly improve their own lives so that they can contribute to, and make a difference in, the world. More information on their work can be found at www.waterforpeople.org.

For the 16th year, Water For People has received Charity Navigator's Four Star rating – the highest possible score. This longevity places Water For People in the top 1% of all charities.

Consulting engineering firms, equipment manufacturers, manufacturer's representatives, construction contractors, individuals and others who have so generously supported the activities of both MWEA and MO-AWWA in the past can help once again by sponsoring one or more of the fund-raising activities listed below, which will be conducted during the Joint Annual Meeting:

Description of Event

Sponsorship Opportunity

Sunday – Golf Tournament Hole Sponsor

\$250 Hole Sponsorship

Monday & Tuesday– Silent Auction (Exhibit Area)

Donate \$50 to \$250 Auction Items

Tuesday – Oral Auction (Banquet)

High-value Auction Item

Hole sponsors will have their logo displayed individually at a hole on the golf course as well as on a banner that will be at the Water For People booth. Oral Auction Items will be prominently displayed with company logo.

The opportunities listed above to sponsor or contribute towards individual, dedicated events are available (on a first-come, first-served basis) by contacting the Water For People fund-raising activity coordinator, Jeff Gratzner at (314) 425-8329 or jeffrey.gratzner@hdrinc.com. For golf tournament sponsorship opportunities, contact Diane Grossenheider as indicated on the golf registration form.

Even if you can't sponsor one of the above-described activities, you are encouraged to participate. Single-page flyers providing the details of all conference activities (i.e., golf tournament, auctions) are included in this Annual Meeting registration booklet; including the information on how to register for and participate in each event.

The Water For People Committees of MO-AWWA and MWEA invite everyone attending this year's Joint Annual Meeting to contribute to this VERY worthy cause – not to mention participate in the great fun to be had at these activities! See you at Tan-Tar-A.



Silent Auctions at 2021 Joint Annual Meeting

MWEA and MO-AWWA's Water For People Committees conduct several fundraising events at the Annual Meeting. Once again, all of the funds we raise will go to Water For People.

Throughout all of our fund-raising efforts and events, the consultants, equipment manufacturers, and equipment representatives (many of which also pay to exhibit at these meetings) have been very generous in assisting us by providing unique, interesting, and desirable items that are offered for auction, as well as monetary contributions to other fund-raising activities.

If you are planning to exhibit at this year's Joint MWEA / MO-AWWA Annual Meeting in August at Margaritaville, we would greatly appreciate the donation of an item for the silent auctions. Please call or e-mail a description of your donated auction item(s) to Jeff Gratzer (contact information below) prior to July 30, 2021, so that Bid Sheets can be prepared. Just bring your item to the Water For People booth on Sunday afternoon during set-up (~ 2:00 pm) or in the evening at the opening reception. As always, thank you for your support of Water For People!

Water For People assists people in developing countries to improve quality of life by supporting the development of locally sustainable drinking water resources, sanitation facilities and hygiene education programs. Around the world, 884 million people do not have access to safe drinking water and 2.5 billion are without adequate sanitation facilities. Every day, nearly 6,000 people who share our planet die from water-related illnesses, and the vast majority are children. Water for People's vision is a world where all people have access to safe drinking water and sanitation, a world where no one suffers or dies from a water- or sanitation-related disease. More information on their work can be found at www.waterforpeople.org

If anyone has any questions about **Water For People**, would like to learn more about how they can help in this cause, or has any other creative fund-raising ideas, please contact **Jeff Gratzer, MWEA Committee Chair at (314)308-9169 or jeffrey.gratzer@hdrinc.com** or **Mel Peterein, MOAWWA Committee Chair at (636)536-5833 or PetereinMS@bv.com**.

Hope to see you at Margaritaville.



Missouri Water Environment Association & Missouri Section AWWA

2021 Four Player Scramble Golf Tournament

Benefitting “Water for People”

Sunday, August 8th, 2021
8:30 am Check-In
10:00 am Shotgun Start

The Oaks at Tan-Tar-A
494 Tan Tar A Drive
Osage Beach, MO 65065



Event Details

Online registration available. Visit the MWEA website – www.mwea.org -for the link.

- Those who are registering for golf using a credit card should register on-line. Please note that we accept Master Card, Visa, and American Express during pre-registration only. On-site registration requires a check (payable to MWEA/MO AWWA).
- If you are paying by check: make check payable to MWEA/MO AWWA and mail with the completed registration form to Diane Grossenheider at the address on the form.
 - Golf entries need to be sent in by July 23, 2021.
- Entry Fee is **\$100/person**: includes greens fees, cart, range balls, and hole competitions.
- Lunch will be provided and additional beverages will be available for purchase on the course.
- Withdrawal from the tournament or failure to appear will result in forfeiture of the entry fee. In the event that the tournament must be canceled due to inclement weather (at the discretion of the golf course and golf committee) the entry fee WILL NOT be refunded to all paid entrants.

*For questions, contact Diane Grossenheider at
(636)536-5878 or GrossenheiderD@bv.com*

**2021 JOINT MWEA/AWWA ANNUAL CONFERENCE
- FOUR-PLAYER SCRAMBLE GOLF TOURNAMENT -**

Benefiting “Water For People”

SUNDAY AUGUST 8, 2021

**8:30 AM Check-In and Range Practice, 10:00 am Shotgun Start
“The Oaks” at Tan-Tar-A
Osage Beach, MO**

GOLFER’S ENTRY FORM (\$100 per player)

Name _____ Date _____

Golfer's Address

Phone _____ Fax _____ E-Mail _____

Team Name with Preferred Playing Partners (if any):

1. _____

2. _____

3. _____

4. _____

- ❖ We are no longer accepting credit card payments via this form, as we **have concerns in not being able to provide adequate security for credit card information sent through the mail.**
- ❖ You can register on-line by going to: [Joint MWEA/AWWA Annual Conference 2021 - Event Summary | Online Registration by Cvent.](#)
- ❖ If you are paying with a check, make payable to “MWEA/MO AWWA” and send with this form to:

**Diane Grossenheider
Black & Veatch
16305 Swingley Ridge Road, Suite 230
Chesterfield, MO 63017
GrossenheiderD@bv.com**

**2021 JOINT MWEA/AWWA ANNUAL CONFERENCE
- FOUR-PLAYER SCRAMBLE GOLF TOURNAMENT -**

Benefiting “Water For People”

SUNDAY AUGUST 8, 2021

**8:30 AM Check-In and Range Practice, 10:00 am Shotgun Start
“The Oaks” at Tan-Tar-A
Osage Beach, MO**

SPONSORSHIP FORM

I (we) are interested in being a Sponsor for the golf tournament. The following sponsorship is available for the tournament:

1. Hole Sponsor - **\$250**

Name of Sponsoring Firm or Individual _____

Address _____

Contact Person Name _____

Phone _____ Fax _____ Email: _____

Sponsors will be recognized with signs at the golf course as well as at their designated hole on the golf course during tournament play. Hole sponsors will be recognized with signs at their designated hole on the golf course. Sponsors will be recognized with a sign in the Exhibit Hall during the conference, on a banner at the Water for People booth, at the award ceremony being held during the Meet & Greet, awarding the prize for the sponsored event and acknowledgement in each organizations post-conference newsletter. Deadline for recognition on Exhibit Hall signage is **July 23, 2021**. Your donations are **tax deductible** as allowed by law and all sponsors will be provided receipts to that effect after the tournament. *ALL PROCEEDS COLLECTED FROM HOLE SPONSORSHIPS WILL BENEFIT “WATER FOR PEOPLE”.*

- ❖ We are no longer accepting credit card payments via this form, as we **have concerns in not being able to provide adequate security for credit card information sent through the mail.**
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- ❖ If you are paying with a check, make payable to “MWEA/MO AWWA” and send with this form to:

**Diane Grossenheider
Black & Veatch
16305 Swingley Ridge Road, Suite 230
Chesterfield, MO 63017
GrossenheiderD@bv.com**

Rain Barrel Auction

2021 JOINT MWEA/MO-AWWA ANNUAL MEETING

Don't Miss out!

All Proceeds go to Water For People



**Come by the Water For People Booth
and Bid on the rain barrel!**

**See how a dull rain barrel can be
transformed into a work of art!**



Silent Auction Items
Decorated Rain Barrel



DEI Beanbag Toss Tournament

- Location: TBD
- Registration at 8:30 pm
- Teams or Singles Welcome
- \$10 per person



Proceeds Benefit Water For People

Questions? Contact Joe Beffa at 314.852.5385



**VANDEVANTER
ENGINEERING**
A COGENT COMPANY



**FLUID
EQUIPMENT**
A COGENT COMPANY

AWWA/MWEA YOUNG PROFESSIONALS & PLANT OPERATORS SOCIAL & GAME NIGHT!



Join the Young Professionals and Plant Operators after dinner for an excellent networking event while playing yard games and enjoying drinks and snacks!



SUNDAY NIGHT
AUGUST 8TH

Parasol I/II
8 - 11 PM



NETWORKING SCAVENGER HUNT

Young Professionals are encouraged to participate in the Networking Scavenger Hunt which begins at the social

Prizes will be handed out to winners!



COVID BINGO!

Join us for a special COVID edition of BINGO

We will see you there!



Missouri Section
American Water Works Association



MO-AWWA/MWEA BUSINESS CARD SCAVENGER HUNT

Hosted by MO-AWWA/MWEA Young Professional Committees

Open to ALL professionals

The name of the game is: **COMMUNICATION!**

Your mission is to find vendors, professionals, board members, and other young professionals to connect, exchange business cards and share your information. The more cards collected that meet the scavenger hunt categories listed below, the more raffle entries you receive for a chance to win *Amaz-ing* prizes (Amazon gift cards - punny, right?)!

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Scavenger Hunt Rules

The categories below provide you several opportunities to meet and mingle with professionals from across the industry and location at the conference. For each person you speak with, exchange business cards and write the category fulfilled on the back of the card. Be sure to submit your cards to Young Professional leadership at the table near conference registration before **Tuesday, August 10, 2021** to be eligible to win prizes!

Professional Categories
Someone giving a presentation
An operator from a public/private municipality
A young professional you hadn't met before the conference

AWWA/WEA Specific Categories
A current member of the governing board of either organization
Member of a technical committee
One of the award winners

Nine Unique Vendors/Exhibitors		
1.	4.	7.
2.	5.	8.
3.	6.	9.

Collect five additional cards from any of these categories to be entered into the GRAND PRIZE drawing!



Now for the fun stuff...PRIZES!

The raffle pools are separated into three tiers to maximize your opportunity to win prizes. Each tier you are entered into depends on the quantity of business cards you've collected throughout the conference that meet the requirements. For every five business cards you collect, you are entered into a tier. Qualifying for a certain tier automatically qualifies you for all lower tiers (e.g. qualifying for Tier 3 automatically qualifies you for Tier 1, 2 and 3).

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Tier 1

\$25 Amazon Gift Card
5 Business Cards

Tier 2

\$75 Amazon Gift Card
10 Business Cards



Tier 3 Grand Prize

\$200 Amazon Gift Card

Submittal of at least one business card matching every description
(20 total business cards).

Drawing and Submittal Information

Business cards must be presented to Young Professional leadership between 12 pm and 1 pm near registration on **Tuesday, August 10, 2021.**

Young Professional leadership will tally your business cards and return them to you. The winners of the raffle will be announced at the conference registration area **on Tuesday, August 10, 2021.**

Can't be present for the drawing? No worries, participants do not have to be present to win - we will contact you for the necessary information and get your prize to you.

