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SPOTLIGHT ON OUR MEMBERS: CAROL BROCCOLI

SPOTLIGHT ON OUR MEMBERS: KYLE BOEHME

2019 NEW JERSEY SECTION INDIVIDUAL APPLICATION

HAVE AN IDEA FOR RESEARCH?

UPCOMING EVENT

COMMUNICATIONS FOR UTILITIES WORKSHOP

FEBRUARY 28, 2019

FEATURED IN THIS ISSUE

AWWA NJ 84TH ANNUAL CONFERENCE PREVIEW

MARCH 19 – 22, 2019

www.njawwa.org
A Message from the Chair  By Brian Carr

I’ll admit it seems odd to wish you a happy spring as it’s five degrees outside while I’m writing this, but it’s time to get the Spring Conference version of Pipeline out the door and into your hands (inbox?). With the approach of March two things are clear in the Section, it’s Conference time and the end of my time as Chair of the Section. We are anticipating a fantastic conference this year because I consulted the Farmer’s Almanac and it said the weather for March 19th through March 22nd is going to be great: no repeat of the snow storm that put a cooler on last year’s attendance. Plus we had so many abstracts submitted for presentations this time around that we had to turn many worthy presentations away. The Conference Committee, Registration Committee, Technical Program Committee as well as Section Staff have put together another activity-stuffed, credit-packed spectacular of a Conference with the theme for the opening technical session “Smart Water: The Next Generation.” And while the water industry rarely boldly goes where no one has gone before, the Borgata has opened some new conference space so the Conference will be going somewhere it hasn’t gone before. If you’ve not attended the Conference in the past, you are truly missing out on a great event. If you have attended in the past and have any suggestions for improvements I want to hear from you. No mention of the Conference is complete without a plug and big thanks to our all-volunteer and absolutely top notch section band Water Hammer. Come see them Wednesday night and find out why they are the envy of every other Section in the Association.

We are anticipating a couple events on the immediate horizon before the Conference that are worthy mention. On February 23rd we have our Student Filter Building Competition where the future water professionals can impress you with their understanding of a gravity filter and mystify you with their misconceptions of fluid dynamics. Kudos to Amit Kulkarni and the Student Affairs Committee for doing the hard work on this event. On February 28th we have a Utilities’ Communications Seminar. We were able to secure the talents of Melanie Goetz to help walk attendees through the do’s/don’ts/and the “what were you thinking’s” of customer/stakeholder communications and relationships.

As far as sticking a fork in my tenure as Chair, I would like to thank all the hardworking volunteers who, under my leadership, have completed another successful and productive year for the Section. Of course, I’m forced to face the truth that our Section volunteers would probably have a successful year if I had simply hid in a dark closet for my entire term only emerging once a week to sign a few payment vouchers. Volunteers are the life-blood of the Section and, in my experience, a fantastic group of people. I can’t recommend enough taking the time to work on a Committee; the rewards are there for the taking.

On the administrative side, Nicole Wiley, Howard Woods and the Financial Advisory Committee have delivered a Five-Year Financial plan which has been adopted and I believe utilizes achievable goals to stabilize our Section budget. A little discipline and some increases to event pricing over the long term will plug the leaks in our still very healthy budget.

Failure to mention the group in the Social Responsibility Committee would be a tremendous disservice. The Water For People Committee headed by Erica Vardaxis continues to raise money for that charity as though they have inside information into a multi-state lottery and are funneling the proceeds to the charity. Of course it’s their hard work and series of excellent events that make all the difference. Lindsey Olson and the Water Equation continue to grow with continued donations made this year. Mark Tompeck and the Community Engineering Corps also continue to make progress on several projects within the State.

On the increasing our visibility front, we continue to make baby steps in this arena. We continue to have a beneficial relationship with Jersey Water Works and we are starting to get asked to provide expertise in various forums on water issues. Steve Specht and the Water Utility Council are working with our lobbying firm to keep us in the conversation with new legislation. This is long and uphill trek, but something I firmly believe is important to the Section and the water industry. If we don’t speak for water issues, who will?

Speaking of baby steps, I would like to congratulate Trustee Sophia Heng on the birth of her son Timothy Robert on December 29th. All of us on the Board were hoping she would name him Eddy, after our Section mascot, but I suspect that idea never crossed her mind.

So I hope everyone has a happy and healthy spring season and I believe I will end my Chairmanship with the Section having a lighter bank account but a positive outlook on the future. Together we can make a difference and effectively advocate for the water industry.
Communications for Utilities:
“The Unfiltered Truth: Communicating Water’s Value”
“Dealing with the Press & Public: Handling Tough Questions”

AWWA New Jersey Section invites you to a day of critical learning about communications -- both reacting to emerging and crisis issues, and proactive communications to build relationships and trust with the public and the media.

Utilities cannot afford to miss this opportunity to hear and learn from a professional communications' consultant who has literally written the book on “Communicating Water’s Value.” This will be an interactive workshop to give attendees tangible ideas and tools to take back to their workplace.

Thursday February 28, 2019
Middlesex County Fire Academy

Morning Session: Communicating Water’s Value
A critical component for everyone in the water industry. How do you communicate value? What role does perception play? How powerful can words really be?

Afternoon Session: Dealing with the Press & Public
In our world of 24/7 media, crisis communications are scary. How do you deal with tough questions from the press? How do you deal with customers and the public? Learn key strategies and proven techniques to help you with both, to improve your communications and your relationships with customers and media.

AWWA Utility Members:......................... $25 (any employee from an AWWA Utility Member*)
Individuals: ............................................. $45 (AWWA Member), $75 (Non-members)

Fee includes both sessions, and lunch. Register online only at www.njawwa.org

Melanie K. Goetz is an international speaker, consultant, and author of AWWA’s Communicating Water’s Value Talking Points, Tips & Strategies (2014) and Communicating Water’s Value Part 2: Wastewater, Stormwater & Watersheds (2017). She specializes in helping utilities effectively communicate with their customers, elected officials, stakeholders, and the media. President of Hughes & Stuart Marketing, Melanie has served as an elected board member of a water and wastewater utility, and holds an MBA from Old Dominion University, Virginia, USA.
NJ Section’s Mike Furrey to Participate in “Lead Free Schools” Spotlight Event

Hundreds of New Jersey schools, including those in Newark, have tested positive for lead in their students’ drinking water, raising urgent questions about how to pay for upgrades that will make water permanently safe.

Now state officials have $100 million to spend on improving drinking water infrastructure in schools as part of $500 million in bond funding under the Securing Our Children’s Future Act approved by voters in November 2018.

To spend the money most effectively, officials are considering measures such as:

• Replacing lead service lines and water fountains
• Installing filters or other technology
• Concentrating the funding in school districts that are most affected by lead in water infrastructure or spreading the spending evenly across the state

In this NJ Spotlight roundtable event, public officials, public policy advocates, school district leadership, and construction, plumbing, and building trades representatives will discuss the best paths forward to improving the drinking water infrastructure in New Jersey schools.

The keynote address will cover the Chicago Public Schools’ Water Quality Testing and Mitigation Program for lead-contaminated drinking sources.

5th Annual AWWA NJ Student Filter Building Competition
February 23, 2019

More than 40 Students have signed up, in teams, to compete in the 2019 Filter Building Competition, which will take place at Middlesex Water’s Carl J. Olson WTP in Edison, NJ on Saturday February 23.

If you are interested in attending or helping at this amazing event to promote student involvement, contact Amit Kulkarni at amit.s.kulkarni@mottmac.com.

Go Teams, Go!
NEW! This year at the AWWA NJ Annual Conference, we'll be introducing you to the AWWA Meter Madness Competition!

This long-standing competition challenges participants to assemble a water meter -- CORRECTLY -- in the fastest time possible.

Want to Give it a Shot?
We'll have practice meters at the Conference where you can try it out, and we'll do a demo Competition on Wednesday afternoon, immediately following the Operators' & Students' Trivia Bowl.

Practice and Sign Up will be available at the Conference.

AWWA NJ 2018-2019
BOARD OF TRUSTEES

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Contact information for Board members is available on our website at www.njawwa.org.

Maximize Your Savings and Register by April 24!

june 9–12 ~ denver, co ~ awwaace.org
Are you ready for the AWWA NJ Annual Conference?

Jump start your career, Enhance your day-to-day job knowledge, Network with friends & colleagues, Get a look at the newest products and services, and much, much more!

Our 84th Annual Conference Team is pleased to bring you top-notch technical information and the opportunity to elevate your involvement in the water profession.

IMPORTANT DEADLINES!

February 25 -- Book your hotel room by Feb. 25th to get the $99/night Conference rate!

March 1 -- Register by March 1st to get early registration prices!

Visit the Website
www.njawwa.org/annualconference2019

• Full Schedule
• Register
• Special Events
• Book a Room
• List of Exhibitors
• Easy to Navigate!

GET THE APP!

• Make-Your-Own-Schedule
• Interactive Exhibitor Map
• List of Speakers
• See Who’s Registered
• And MORE!!

Read on for the current program and more details
(continued on next page)
### Opening Technical Session: “Smart Water: The Next Generation”

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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<tbody>
<tr>
<td>9:55 am</td>
<td>Welcome and Opening</td>
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<tr>
<td>10:00 am - 12:00 pm</td>
<td><strong>Opening Technical Session Part 1</strong>&lt;br&gt;02-0219xx-xx&lt;br&gt;<strong>PO/APO:</strong> Josh Hutson</td>
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<tr>
<td>10:00</td>
<td>Real-time Management of Smart Water Systems using Big Data - <em>Ken Thompson, Jacobs</em></td>
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<td>11:00</td>
<td>Smart Water Development at DC Water - <em>Mike Mulcare, MottMacDonald</em></td>
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<tr>
<td>12:00 - 1:00 pm</td>
<td><strong>LUNCH ON YOUR OWN</strong></td>
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<tr>
<td>1:00 - 4:15 pm</td>
<td><strong>Opening Technical Session Part 2</strong>&lt;br&gt;02-0219xx-xx&lt;br&gt;<strong>PO/APO:</strong></td>
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<tr>
<td>1:00</td>
<td>Digital in the Water Utility Industry - <em>Caroline Caglioni, Arcadis</em></td>
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<tr>
<td>1:45</td>
<td>Ensuring Infrastructure Optimization: Leveraging Data Analytics to Achieve Successful Asset Management - <em>James MacDonald, Hazen &amp; Sawyer</em></td>
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<tr>
<td>2:30-2:45 pm</td>
<td><strong>COFFEE BREAK</strong></td>
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<td>2:45</td>
<td>Use of Genetic Algorithms to Define Finished Water Storage Replacement Program - <em>Gayla Fecher and Alberto Quiroz, SUEZ</em></td>
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<tr>
<td>3:30</td>
<td>Getting off the Ground: Building an Asset Management Drone Program - <em>Chris Kahn, American Water</em></td>
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<tr>
<td>4:15 pm</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>4:50 pm</td>
<td><strong>Opening General Session featuring Keynote Speaker Catherine McCabe, Commissioner, New Jersey Department of Environmental Protection</strong></td>
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### OPENING NIGHT MEET & GREET IN THE EXHIBIT HALL

5:45 - 7:45 pm

Get more program details in our Conference App! View presentation abstracts, interactive maps for session rooms, create your own schedule and more... Scan the QR Code at right to download the App (powered by Guidebook)
**WEDNESDAY MARCH 20, 2019**

Registration Desk Open: 7:30-4:00
Exhibits Open: 7:30-4:00
Continental Breakfast in the Exhibit Area

**ALL CREDITS PENDING**

<table>
<thead>
<tr>
<th>Time</th>
<th>Room -- Salon A</th>
<th>Room -- Salon C</th>
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</table>
| 8:15 - 9:45| **REGULATORY**
02-0219xx-xx | **SURFACE WATER TREATMENT**
02-0219xx-xx |
| PO/APO:    |                                                      |                                                      |
| 8:15       | Division of Water Supply and Geoscience 2019 Initiatives - Patricia Gardner, NJDEP | Saving Lives with Safe Water: Protecting our Veterans with a State of the Art Membrane Plant - John Civardi and Margie Gray, Mott MacDonald |
| 8:45       | Regulatory Update - Kristin Tedesco, NJDEP | Process Optimization in Partnership with MVWA - Bob Raczkó, SUEZ |
| 9:15       | Lead and Copper Rule Update - Kristin Hansen, NJDEP | Developing Sustainable Solutions to Mitigate the Impacts of Road Salt at WTPs - Eileen Murphy, Hazen & Sawyer |
| 9:45 - 10:15| **CONDITIONS ASSESSMENT**
02-0219xx-xx | **PFAS TREATMENT**
02-0219xx-xx |
| PO/APO:    |                                                      |                                                      |
| 11:15      | Non-Invasive Pipeline Condition Assessment Using Inverse Transient Pressure Wave Analysis - Mike Funk, HydromaxUSA | Implementing the Optimal PFAS Treatment Solution for Two Groundwater Systems - Jihyon Im and Charles Schaefer, Jr, CDM Smith |
| 11:45-1:00 | **LUNCH in the EXHIBIT HALL**                         |                                                      |
| 1:00-2:00  | **AGING INFRASTRUCTURE**
02-0219xx-xx | **ADVANCED OXIDATION**
02-0219xx-xx |
| PO/APO:    |                                                      |                                                      |
| 1:00       | Replacing a Pumped Storage System with Gravity Storage - Alec Mittiga and Gustavo Lourenco, Crew Engineers | UV/H2O2 AOP Full Scale Unit Operations - Andrew Manfredi, H2M architects + engineers |
| 1:30       | Aging Infrastructure: Affordably Bringing a Resource-Limited Water System into the 21st Century - Eileen Feldman, Hazen & Sawyer | Is UV Always the Best Treatment for 1,4-Dioxane Now and in the Future? - Sandra Kutzing, CDM Smith and Jaise Ulahannan, NJ American Water |
| 2:00-2:30  | **TRENCHLESS SOLUTIONS**
02-0219xx-xx | **RISK ASSESSMENT**
02-0219xx-xx |
| PO/APO:    |                                                      |                                                      |
| 3:30-3:45  | **BREAK**                                             |                                                      |
| 3:45-5:45  | **ANNUAL BUSINESS MEETING, OPERATORS & STUDENTS TRIVIA BOWL, and METER MADNESS**
Presentation of Hal Florence Operator’s Meritorious Service Award, Next Generation Award and more! |

9:00 pm Special Event! Water Hammer at the Premier Night Club -- join us for our annual rockin’ out event with the Section Band

(continued on next page)
**ALL CREDITS PENDING**

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<thead>
<tr>
<th>OPERATORS TRACK</th>
<th>STUDENT TRACK</th>
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<tbody>
<tr>
<td>All Operator Track Sessions will take place in the new “Central Conference Center” downstairs</td>
<td>Student Track(s) will take place upstairs in Studio Room 1</td>
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<tr>
<th>Time</th>
<th>OPERATIONS 1</th>
<th>STUDET TRACK: Part One</th>
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<tr>
<td>8:15 - 9:45</td>
<td>OPERATIONS 1</td>
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**OPERATORS TRACK**

8:15 - 9:45 OPERATIONS 1
02-0219xx-xx

PO/APO:

8:15 Air Stripping Towers: The Value of Maintenance - Chris Savino and Greg Storms, Layne

8:45 Source Water Treatment Technologies - John Perry, Montville Township

9:15 Biomanipulation for Source Water Quality - John Perry, Montville Township

9:45 -10:15 VENDOR APPRECIATION COFFEE BREAK

10:15-11:45 OPERATIONS 2
02-0219xx-xx

PO/APO:

10:15 The Development and Implementation of a WQAA Valve and Hydrant Inspection Program - Jan Chwiedosiuk, Middlesex Water Company

10:45 Controlling the Aging Infrastructure Pandemic - Dave Lewis, Wachs Water Services

11:15 OSHA Compliance: Tips & Techniques - Tom Burgess, T&M Associates

11:45-1:00 LUNCH in EXHIBIT HALL

STUDENTS -- MEET THE BOSS LUNCHEON

1:00-2:00 OPERATIONS HANDS-ON SESSIONS - DOWNSTAIRS IN THE ‘CENTRAL CONFERENCE CENTER’

1:00 A: Valve Actuator Operations - Raritan
B: Fire Hydrant Maintenance and Repair - Mueller
C: Cleaning/Calibration of Process Turbidimeters - HACH
D: Field Inventory, Operations & Solutions - ESRI

Operator Hands-On Sessions
- 30 minutes per topic -- **attend all 4 sessions to earn 2.0 TCHs!!**
- Look for members of our Licensed Operator Committee in Bright Orange Shirts, to help guide you from session to session
- Be sure to scan IN and OUT of each Hands-On Session to get credits

1:30 A: Valve Actuator Operations - Raritan
B: Fire Hydrant Maintenance and Repair - Mueller
C: Cleaning/Calibration of Process Turbidimeters - HACH
D: Field Inventory, Operations & Solutions - ESRI

2:00-2:30 VENDOR APPRECIATION COFFEE BREAK

2:30-3:30 OPERATIONS HANDS-ON SESSIONS - DOWNSTAIRS IN THE ‘CENTRAL CONFERENCE CENTER’

2:30 A: Valve Actuator Operations - Raritan
B: Fire Hydrant Maintenance and Repair - Mueller
C: Cleaning/Calibration of Process Turbidimeters - HACH
D: Field Inventory, Operations & Solutions - ESRI

Fire Hydrant Maintenance and Repair: Andy Clauhs, Mueller Cleaning/Calibration of Process Turbidimeters: Matt Tyrell, HACH

Field Inventory, Operations & Solutions: Matt Kennedy and Santino DePaul, ESRI

Valve Actuator Operations - Raritan: Raritan Valve

3:00 A: Valve Actuator Operations - Raritan
B: Fire Hydrant Maintenance and Repair - Mueller
C: Cleaning/Calibration of Process Turbidimeters - HACH
D: Field Inventory, Operations & Solutions - ESRI

3:30 BREAK

3:45-5:45 ANNUAL BUSINESS MEETING, OPERATORS & STUDENTS TRIVIA BOWL, AND METER MADNESS!
Presentation of Hal Florence Operator’s Meritorious Service Award, Next Generation Award and more

9:00 pm Special Event! Water Hammer at the Premier Night Club -- join us for our annual rockin’ out event with the Section Band

(continued on next page)
### Continental Breakfast in the Exhibit Area
- Exhibits Open: 8:00-1:30
- Registration Desk Open: 8:00-2:00
- Interfaith Breakfast 7:30-8:30

### THURSDAY MARCH 21, 2019

#### LUNCH in the EXHIBIT HALL with WFP Drop in the Bucket Auction: 12:30 - 1:15 pm

<table>
<thead>
<tr>
<th>8:45 - 9:45</th>
<th>NON-REVENUE WATER</th>
<th>FILTRATION</th>
<th>RESILIENCY</th>
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<tr>
<td>02-0219xx-xx</td>
<td>PO/APO:</td>
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| 9:45 | 11:30 | VENDOR APPRECIATION COFFEE BREAK - EXHIBIT HALL |
| 10:30- NOON | INFRASTRUCTURE MANAGEMENT | DISTRIBUTION WATER QUALITY | STORAGE |
| 02-0219xx-xx | PO/APO: | PO/APO: | PO/APO: |
| 11:30 | Collaborating to Develop Metrics for Asset Management Programs - Chris Andreassen, Middlesex Water Company and Dan Kennedy, UTCAN/NJ Water Works | Chloramine Disinfectant Residual Optimization and Management in Distribution Networks - Tom Caulfield, UGS! Solutions and Ryan Ural, NJ American Water | Long-Term Considerations of ASR as a Managed Aquifer Recharge Option - Frank Getchell and Karen Bensen, WSP USA |

| NOON- 1:30 | DISTRIBUTION SYSTEM OPTIMIZATION | EMERGING CONTAMINANTS | WATER SUPPLY |
| 02-0219xx-xx | PO/APO: | PO/APO: | PO/APO: |
| 1:30 | Flint’s Path to Distribution System Optimization - Rebecca Slabaugh, Arcadis | UCMR4 Cyanotoxins: What will you do if you find them? - Keith Cartnick, Mott MacDonald | Risk Management for Northeastern New Jersey Water Supplies - Steven Nebiker, HydroLogics and Alberto Quiroz, SUEZ |
| 2:00 | Enhancing System Flushing with a Distribution Model - Brittney Kovary, SUEZ Water | Are We Ready for Cyanotoxins? Evaluating Reservoir and Treatment Plant Options - Margaret Kearns, Corona Environmental and Drew Soskowitz, SMCMUA | Customizing Emergency Response Drills to Test Source Water Contamination Preparedness in a Changing Source Water Threat Landscape - Jennifer Benjamin, Corona Environmental and Mark Theiler, Middlesex Water Company |
| 2:30 | Corrosion: Best Practices to Prevent and Manage this Uninvited Guest - Sean Lammerts, US Pipe | Achieving Compliance with the new NJDEP 30 ng/L 1,2,3-TCP MCL: Lessons from California’s 5 ng/L MCL - Jake Causey, Corona Environmental | Evaluating and Modeling Jersey City’s Emergency Interconnection - Brian Chittum and Jordan Volk, Maser Consulting; and Rajiv Prakash, JCMA |

| 3:00-3:15 | ETHICS | LEAD | CONSTRUCTION |
| 02-0219xx-xx | PO/APO: | PO/APO: | PO/APO: |
| 3:15 | Ethics for Professionals in Working with Public Entities - Kevin Kent, Conrad O’Brien, PC | Corrosion Monitoring: A Comprehensive Approach - Maria Tortorelli, Mott MacDonald and Ryan Furrey, Ridgewood Water | Open Heart: Retrofitting a 25MGD Station While Maintaining Operations - Murat Kocak and Michael Piemontesi, Buck; Sefert & Jost; and Mohammed Selimgir, SUEZ |
| 3:45 | LCR Triggered Lead Service Line Replacement Programs: Implementation and Experience - Joseph Lakner, CDM Smith | | Proactive Approach to Groundwater Contamination Using Design-Build - Scott Pendergrass, Mott MacDonald; Robert Biehler and Frank Marascia, NJ American Water |

**ALL CREDITS PENDING**

**NJ PE Credits**
**NY PE Credits**
**NJ Water Operator Credits (TCH)**
**NJ Wastewater Operator Credits (TCH)**

*shaded green are Young Professionals' presentations*
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<thead>
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<th>2019 Conference Exhibitors</th>
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<tr>
<td>A.C. Schultes, Inc.</td>
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<td>American Chemistry Council</td>
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<td>American Water Resources</td>
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<td>BECK, Harold &amp; Sons, Inc</td>
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<td>Blue Earth Labs, LLC</td>
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<td>Cemtech</td>
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<td>Cityworks - Azteca Systems</td>
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<td>COASTAL TECHNICAL SALES INC.</td>
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<td>Complete Control Services, Inc.</td>
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<td>Dave Heiner Associates, Inc.</td>
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<td>Delta Cooling Towers, Inc.</td>
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<td>Garrison Enterprises</td>
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<td>Geiger Pump and Equipment Co.</td>
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<td>H2M architects + engineers</td>
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<td>Harper Control Solutions, Inc.</td>
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<td>Harper Haines Fluid Control, Inc.</td>
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<td>J. Fletcher Creamer &amp; Son, Inc.</td>
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2019 Conference Sponsors
Does Your Utility Have the Best Tasting Water?

...care to put it to the test? the TASTE TEST, that is!

It's Back at this year's Annual Conference!

Utilities are invited to participate in a water taste test contest on Wednesday, March 20, 2019 from 11:00 am to 2:00 pm.

The winning utility will be awarded a trip* for one representative from the utility to participate in AWWA's Best of the Best at the AWWA National Conference and Exposition (ACE) in June. This year's conference will be held in Denver, CO, June 9-12, 2019.

Participating utilities** must abide by the following rules:

Five samples should be sent, each in a 1 L container. Utilities can use the container of their choosing. Each sample should be clearly identified with the name of the water system.

Samples must be dropped off by 4pm on TUESDAY*** March 19th (the afternoon PRIOR to the water taste test). Please drop the samples off at the registration desk in the conference hall.

Samples will be served at room temperature to help the judges better assess each sample. Samples that are brought late and are not room temperature may be disqualified.

The winner will be announced on Wednesday afternoon, before the Operator's Bowl.

SIGN UP EARLY AS SPACE IS LIMITED TO 8 PARTICIPANTS!

Those interested in participating in the water taste test should contact Summer DeFeo or by calling 732-638-7510.

* The maximum amount allotted would be $1,200 which would reimburse the winning utility's representative toward travel, accommodation, and registration. The method of reimbursement would be in accordance with current AWWA NJ guidelines.

**Participating utilities must be affiliated with AWWA, either with a Utility or Individual membership; participating utilities must not have had any state or federal violations in the last calendar year. All utilities must meet any criteria specified by AWWA in order to compete.

*** If you have questions about drop-off logistics, contact Summer DeFeo at the email or number listed above.
17th Annual Non-Denominational Prayer Breakfast

The 17th annual AWWA NJ prayer breakfast will be held at this year's Annual Conference at 7:30 on Thursday March 20th in Studio 3. The prayer breakfast is open to people of all faiths. The gathering provides:

FREE FOOD AND GREAT COFFEE
SUPER FELLOWSHIP
SHARING TIME
PRAYER TIME
NON-DENOMINATIONAL

America is a nation of believers, and together we are strengthened by the power of prayer. In 2018, our country gathered in gratitude at the 66th annual National Prayer Breakfast, welcoming leaders in our country, dignitaries from several other countries and welcoming people of all faiths. The National Prayer Breakfast has been a place for the nation’s leaders to discuss faith and its vitality to the strength of the nation.

Over the years, the event has expanded to include over 3,000 attendees, primarily of elite business and political affiliation.

The AWWA NJ prayer breakfast tradition is in its 17th year! We welcome you to join us for this time of faith sharing and fellowship.

The AWWA NJ breakfast will open with a non-denominational prayer thanking God for his blessings and his bounty. We ask God to provide our members with the courage and wisdom to continue to protect our environment. Our program will consist of an opening prayer and a panel discussion from past keynote speakers. Attendees can share experiences where faith has played a role in their lives, and enter into discussion to offer inspiration and or further one’s faith understanding.

A continental breakfast will be provided. All members and their families are welcome to attend the breakfast.

For more information about the breakfast please contact:
John Civardi at 973-912-2418, john.civardi@mottmac.com or
Chris Andreasen at 732-754-0248, CAndreasen@middlesexwater.com.

Additional information will be available at the conference registration desk.

Get the guide for access to more features and up-to-date information!

Mobile guides are a great way to track sessions, interact with attendees, view photos, and more!

GET THE GUIDEBOOK APP

Three (3) Easy Ways to get the Conference App:

1. Scan the QR Code at right

2. Visit Our Website, Look for the App Block on the home page, then Type in your mobile phone number in the space shown and click “Text me the Link!” - a link to download the Guide will be sent to your mobile phone

3. Get “Guidebook” from the AppStore or Google Play Store, and Search for “AWWA NJ 84th Annual Conference” -- then download our Guide
How to Register for the Conference?  

By Stacy Cacallori

Since the Section Conference is right around the corner, we thought that you may like to see how to register for the Conference in this the second in a series of How To's!

The first step is to sign into the Section's Website.

To sign into the Section's website go to https://www.njawwa.org/.

Sign in using your Username and Password. If you don't remember your password, you can click on Forgot your Password? and the system will send you an email so that you can reset your password. If you forgot your username, please, PLEASE, DO NOT create an new username! Contact Stacy (stacy@njawwa.org) or Mona (mona@njawwa.org). They will be able to provide you with your username!

After you have signed into your profile, you will be at the Home Page.

From your home page, click on REGISTER which is outlined in red above.

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How to Register for the Conference? (continued)

Once you click on **REGISTER**, this screen will appear. Click on Register as circled in red above.

This screen will now be active. This is a picture of the middle of the screen. From here, you can Register on Line, view the schedule, see the listing of Special Events, Reserve your room at the Borgata, and see our list of current sponsors.

To Register Online, click on the **REGISTER ONLINE** that is circled in red above.  

(continued on next page)
How to Register for the Conference? (continued)

You will then be taken to the Registration Page – Attendee Type. Here is where you will select what type of registration you need ... Full Conference, Tuesday Only, Wednesday Only, Thursday Only. After you make your selection, wait for the screen to refresh and then press Next.
How to Register for the Conference?  (continued)

You will then be taken to the second Registration Page Attendee Info. If you have a completed profile in the system, this form will be completed for you EXCEPT for the T-License, W-License, PE License, First Time? Buddy Program and Young Professional questions. You will need to complete all the items on this form. If you are like me and don’t have licenses, just type a 0 in those areas.

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After completing these questions, you will then see the final portion of the Registration Pages – the Attendee Selections. Here you will confirm your Attendee Type and then you will also see the other related products that are available. Note that because I selected 2019 Individual Full Conference, only the 2019 Individual Full Conference Pricing appears. Whatever you selected on the first page of Registration (Attendee Type) is what will appear on this page.

Here, you can either Save & Add Another Attendee or you can Save & Finalize Registration. If you select Save & Add Another Attendee, the information that you just completed will be saved, and the system will take you to the first Registration Page – Attendee Type.

For this article, let’s just Save & Finalize Registration.
How to Register for the Conference? (continued)

There are two steps to check out. In this first step, if you have a profile in the system, the information from your profile will automatically be entered in the top portion of the form. If the information that you entered in the Registration Form is different than your Profile Information, the Profile Information will be entered here. Verify the information and enter the correct information in this area.

For this article, I chose the Bill Me Option. You can choose this option if you are going through the Purchase Order Process at your company. You would also enter this information in the Additional Customer Information box at the bottom of the form and you would include the Purchase Order or Requisition Number in the PO: box.

Paying by Credit Card is also done at this point. If you select the Credit Card Option, another information box will appear and you can enter the information from your credit card.

After you are satisfied that the information on this form is complete and correct, press the Proceed to Confirmation Button.
This is the final check out page. Verify that the information is correct. If it is not, you can Edit Cart. If you are satisfied with your order, click Complete Order.
After you click Complete Order, you will be directed to the Thank You Page.

You will receive two emails from mona@njawwa.org.
The first one is a Thank You for Your Order e-mail. Please review the order and contact us if there are any problems with your order. Here is a portion of that email:

(continued on next page)
How to Register for the Conference? (continued)

The second email is a Thank You for Your Registration e-mail. This email is your registration confirmation and contains all the information about the Conference, several reminders and the scan code for obtaining your name tag at the Conference. Here is a portion of that email:

And, that is how easy Conference Registration is! We look forward to seeing you at the Conference.

And, don’t forget, if you have any questions about registration, please contact either Mona at mona@njawwa.org or me at stacy@njawwa.org.
Water For People Raises Over $53,000 in Fall Events  By Chelsea Simkins

New Jersey supporters of Water For People and the AWWA NJ Section came through again! In 2018, the Water For People Committee raised over $113,000 to support Water For People’s programming across 9 countries in Latin America, Africa and Asia. Last fall, the committee hosted Family Night at the Ballpark on July 27th; the 13th Annual Turning Wine into Water event presented by Pioneer Pipe Contractors, Inc. on October 19 and a dedicated team of 11 participated in the New York City Marathon on November 4.

Family Night at the Ballpark is held every year at the Arm and Hammer Stadium – Home to the Trenton Thunder. The event raised $4,174 for Water For People. Special thanks goes to our Grand Slam sponsors – Ernest Renda Contracting Company, Inc. and Pioneer Pipe Contractors, Inc. as well as the 16 other companies that supported the event.

The 13th Annual Turning Wine into Water Event held at Laurita Winery raised over $27,000. The Friday evening dinner included an extended cocktail hour with whiskey and beer beverage selections, followed by a 3 course dinner with wine pairings in the Dining Room. Mary-Beth Cote-Jenssen, director of development operations at Water For People was the event’s keynote speaker and highlighted the organization’s milestones over the past year.

Thank you to all of our volunteers and sponsors for helping make this event a success every year! Special thanks to our Vineyard Sponsor, Pioneer Pipe Contractors, Inc. and the Wine Maker Sponsors: Federici & Akin, P.A. Consulting Engineers; J. F. McKernan Jr. Architects & Assoc.; Montana Construction, Inc. and Scalfo Electric, Inc. This event would not be possible without your continued support!

The committee is excited to announce that the 14th Annual Turning Wine into Water Benefit will be held on October 18, 2019 at a new location: The Boathouse at Mercer Lake in West Windsor, NJ so please save the date and we hope you will be able to join us!

On November 4, Team Water For People participated in the 2018 TCS New York City Marathon. Eleven people agreed to be part of Team Water For People, fundraise and run 26.2 miles. Each team member agreed to raise at least $2,500 for Team Water For People and as a result, the team exceeded expectations and netted over $22,000! That brings the total raised by this marathon since 2013 to over $117,000. This is a huge milestone and would not be a reality without Michael Johnson of Buck, Seifert & Jost, Inc. We thank him for his time, dedication and passion for Water For People and wish him and the team the best of luck in 2019!

Thank you to the 2018 Team Water For People which consisted of: Annie Williams, Emily Drake, Jenny Ann, Mario Wassaykeesic, Melissa Dykes, Melissa Regan, Ned O’Leary, Ralph Turingan, Santiago Castaneda, Viola Gregoire, and Zeynep Robbins. The team comprised of people in and out of the water industry who spread the word about Water For People on their own. This partnership between Water For People and the New York Road Runners continues in 2019 and Water For People will be again partnering for the 2019 TCS New York City Marathon. If you would like to join the team, contact Michael Johnson at mjs@bsjinc.com. Spots go quickly for this amazing race. You can also go to www.njawa.org/page/WFPMarathon for more information.

To start off the New Year, Water for People hosted the 6th Annual Dine and Dance on February 22 at Ristorante da Benito in Union, NJ. It was truly an enjoyable evening that included a five course meal and music provided by Julian & Dominique. For more information, please contact Michael Bange at michael.bange@amwater.com.

In addition, it is time once again for Water For People to turn its efforts to the AWWA NJ Annual Conference to be held in Atlantic City, New Jersey on March 19-22, 2019. As in past years, Water For People will be hosting a Drop in the Bucket Auction held during the conference. The Drop in the Bucket Auction is a great way to support Water For People and also increase traffic to your

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Retired Professionals, Living History, Knowledge Sharing … Oh My… What We Have Planned for the Annual Conference!

By Neil Goldfine

The Retired Professionals Committee is excited to announce the programs the committee has put together for this year’s Annual Conference. Throughout the Conference the 12th Edition of the Living History Project will be available for viewing. This year, check out the one-on-one conversations that Neil Goldfine had with Gene Koontz, P.E., AWWA Past President and Senior Vice President and Technology Leader for Gannett Fleming, an engineering company based in Harrisburg, Pa., and with Frank Falco, T4, W4, former Director of Production and Licensed Operator for the Middlesex Water Company and former New York City Marathon participant. Frank is currently with Jacobs Engineering. Listen to their inspirational stories and hear what helped shaped their careers in the water industry.

During the conference the Retired Professionals Committee is sponsoring two Technical Sessions where Senior Industry Leaders team up with and share their knowledge with young professionals. Join us for these exciting presentations, Vince Monaco (New Jersey American Water) and YPs Radhika Patel, Brown and Caldwell and Neyla Meystelman, HDR, will present: Disinfection and Disinfection Byproducts in Distribution Systems. And Keith Cartnick, (formerly Suez Water and now with Mott Mac) and YP’s Youssef Al Fahham (Mott Mac) and Kyle Boehme (CDM Smith) will present: Filter media and Filtration Techniques, Then and Now. Looking forward to seeing you at the Conference!

Neil Goldfine is the President of Mavin Consultants and the former Executive Director of the Atlantic City Municipal Utilities Authority. He is a former Section Trustee, a Fuller Awardee and has made numerous presentations at the New Jersey Section’s annual conference. Neil currently serves as co-chair of the Retired Professionals Committee.

Lastly, please mark your calendars for these other Water For People events happening this year:

- **NYC Half Marathon** – March 17, 2019
- **Golf Outing Classic** – May 7, 2019
  Royce Brook Golf Club in Hillsborough Township
- **Family Night at the Ballpark** – August 2019
  Arm & Hammer Stadium – Home to the Trenton Thunder
- **Turning Wine into Water Benefit** – October 18, 2019
  *New Location: The Boat Hose at Mercer Lake, West Windsor Township
- **TCS New York City Marathon** – November 3, 2019
- **Paint for a Cause Night** – November 2019

Water For People is a nonprofit organization that exists to promote the development of high quality drinking water and sanitation services, accessible to all, and sustained by strong communities, businesses, and governments. Water For People has provided safe water and sanitation for 4 million people in 9 countries since its establishment in 1991. The Water For People Committee is always looking for new members to assist with planning events and raising awareness of the mission of Water For People. If you are interested in volunteering or finding out more about these events, please contact Erika Vardaxis at Erika.Vardaxis@gmail.com.

For more information about AWWA NJ, please visit our website: [www.njawwa.org](http://www.njawwa.org).

Chelsea Simkins is the External Affairs Manager at New Jersey American Water and the Vice Chair of the Water For People Committee.
The Solaire Facility Tour
Thirty one (yes 31) young professionals and members of local AWWA NJ student chapters visited The Solaire on January 18, 2019 in New York City. The Solaire was the first green residential high rise building in the United States that incorporated advanced technologies to achieve water recycling and reuse within the building. The treatment system was designed by and continues to be operated by Natural Systems Utilities. The group toured the building’s reuse system, thermal energy recovery system, and learned about their integrated components. Although it was frigid outside, the views of the NYC skyline from the green roof and the cooling tower were unbeatable and nothing short of breathtaking. The day ended with good food, great drinks and even better conversations at a local restaurant. Thank you to the Albanese Organization and Natural Systems Utilities for the opportunity to tour and learn at The Solaire. This event was made possible through a joint partnership between the AWWA NJ Young Professionals and Student Affairs Committees and the AWWA NY Metropolitan Section.

Join the YP Committee for the upcoming facility tour at the SUEZ Haworth Water Treatment Plant on April 5th. Hope to see you there!
November Spotlight Member

Eric Ekoue

Congratulations to our Spotlight Member, Eric Ekoue. Eric has been working for the New Brunswick Water Utility for the past three years. He is currently serving as Superintendent of the Utility and he is the backup License Operator for the Utility. He holds a Public Water Distribution System W-3 License and Public Water Treatment System T-3 License and is a Certified Public Manager. He is an AWWA Member and a member of the American Society for Public Administration. Prior to working for New Brunswick, Eric worked for the City of Newark. While at Newark, he served on the Safety Committee at the Pequannock Water Plant and was a 40 hour HAZWHOPER.

Why did you decide to go into the field of water?

Eric stumbled into the field of water. He was working at various jobs but hadn’t yet found one for which he had a passion. Through his network, he met John Gordon who saw something in Eric and was instrumental in getting Eric to work for the Newark Watershed at the Pequannocks Water Treatment Plant in 2006. This is where Eric found his passion!

At Newark, he began his career as an operator and then moved to lead operator, then to lab technician and instrumentation. Eric was always looking for ways to move his career forward and he eventually moved from the plant operators’ side of water to the distribution system side of water.

In 2014, Eric had what he called the longest and best interview ever with Jim Cowley at American Water Enterprise. Eric made an impression on Jim, and Eric moved from Newark to the New Brunswick Water Utility where he currently serves as the Superintendent of the Utility.

Eric credits his passion and success in the water industry to the individuals he has met and worked alongside of and to his great mentors. He credits Jim Cowley with pushing his limits of knowledge and helping him mature and build his confidence in his knowledge of water. Whenever Jim would ask him a question and Eric’s answer was “I don’t know,” Jim gave Eric one week to find the answer … and Eric always did. A few of his other mentors include Mike, Andrew, Joe, Scott, Jim and Lex. However, Eric also told me that there are many others who helped him along the way too. From all their advice and words of guidance, there was one thread that wove it all together for him, “Don’t just do it. Please do it for the love of water. FLOW it’s my motto.”

How long have you been an AWWA member and what have you gotten from your membership?

While Eric has been in the industry for a number of years, like many of us, he has been busy tending to his career, education, and family. He joined us for our Annual Conference in the Spring and immediately realized that this is an organization that can help him with his career because of the educational opportunities and the networking with people who have the same passion for water as he does.

Hobbies and outside interests?

I love to play Rugby and read water magazines. Lately, my greatest joys are playing hide and seek with my kids, cooking and enjoying an exotic meal with my wife and family.

What legacy would you like to leave behind?

Eric says that he is blessed to have the family support and a nice group of co-workers. They are the corner stones of the Great Pyramid they are building in New Brunswick. His legacy can be summed up in three statements:

I would love to be a stamp, not a stain.
I would love to infuse the love of the water world to my fellow teammates.
I would love to renew the trust in the tap water to all of our residents.

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Welcome to the December Spotlight Member, Sandra Krietzman. Sandra is the Bureau Chief, Bureau of Safe Drinking Water, with the New Jersey Department of Environmental Protection. She has been an active member of AWWA NJ for over 30 years and has served on various committees including the Education Committee, Research and Technology Transfer Committee and currently is a member of the Technical Program Committee. She was awarded the AWWA Membership Pin for 25 years of membership in 2011.

Why did you decide to go into the field of water?

I have spent nearly all my career working at the DEP on drinking water quality issues. Like many of my colleagues, I took an indirect path to my career in drinking water. After graduating from Rutgers College with an Environmental Biology (Ecology) degree, I started my career in the biological sciences as a technical research writer. However, I really wanted to work on improving the state’s environment, so I took a Civil Service test and was offered an entry-level position with the DEP’s Bureau of Potable Water (now Bureau of Safe Drinking Water) as a field sampler. This was similar to the independent study work I had done as an undergraduate, and I intended to eventually work my way into a position in which I would be directly engaged in environmental protection.

While at the Bureau of Potable Water, I became very interested in drinking water quality, the importance and health effects of the drinking water standards, and emerging treatment technologies. To further my education in these areas, I attended New Jersey Institute of Technology part-time, eventually earning a Master of Science degree in Environmental Science.

When New Jersey passed landmark legislation in 1984 that established the Drinking Water Quality Institute and directed the DEP to set drinking water standards for contaminants that were unregulated at the time, I was part of the team that provided technical support for this 15-member DEP advisory body. For the past 10 years I have been a member of the Drinking Water Quality Institute.

Throughout my career of more than 35 years with the DEP, I have mainly worked with drinking water quality issues, although I worked in the DEP’s wastewater planning and air quality planning divisions, too. I enjoy working in the Bureau of Safe Drinking Water the most because of the important public health work done in this Bureau, such as providing compliance assistance to water systems and licensed operators and explaining drinking water quality information to water system customers. I currently have staff working on these issues as well as data systems, contaminants of emerging concern, building water system capacity, and drinking water loans.

How did you become a volunteer for AWWA? What motivates you to be active in the Section?

My supervisors encouraged me to join NJAWWA shortly after I started with the Bureau of Potable Water to broaden my understanding of the professionals that contribute to the delivery of drinking water. I was active on the NJAWWA Education Committee and have also participated on the Research and Technology Transfer Committee and, most recently, on the Technical Program Committee. I would encourage anyone in the drinking water field to join – there are excellent opportunities to discuss issues, exchange information, and obtain different perspectives in a professional setting.

Hobbies and outside interests?

I spend a lot of my free time with friends and family – my husband and I love to cook, entertain in our home, spend time at the Jersey shore, and travel. We travel nearly every year to California (now Oregon) to visit family and have visited many of the western national parks along the way. We have also made several trips to Europe together.

I continue to train and bicycle ride with my husband and local chapter for the Juvenile Diabetes Research Foundation, as I have for the past seven years. JDRF sponsors several long-distance rides each year throughout the country to raise money for JDRF-sponsored research.

What legacy would you like to leave behind?

As a female professional in a male-dominated field (engineering), I am pleased to see dramatic changes in the number of women working in the drinking water-related fields over the last 35 years. When I began at the DEP, I was the only female non-secretarial staff and at times it was intimidating. There are many more women entering the math, science, and engineering fields than ever before – and this trend is reflected in the drinking water field. I believe in leading by example, and I hope I helped pave the way for hiring more professional women at the DEP.

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January Spotlight Member

Carol Broccoli

Join us in welcoming Carol Broccoli as the Section January 2019 Spotlight Member! Carol is the Assistant Director at the Rutgers University/ NJ Agricultural Experiment Station Office of Continuing Professional Education (OCPE). This month marks her 20th anniversary with Rutgers. Carol has been an active member of AWWA and the NJ Section since she started at Rutgers. She is active with both the Education/Professional Development and Retired Professionals Committees.

For her dedication to the Section, Carol received the Thomas J Dawson Dedication Award in 2012. She has also received a special recognition award for education from the New Jersey section of the American Public Works Association and the Educational Partnership Award from the New Jersey Clean Communities Council and is certified as a Qualified Environmental Professional (QEP) by the Institute of Professional Environmental Practice.

Why did you decide to go into the field of water?

If I can say so, it was a bit accidental! Before coming to Rutgers, I was employed as an air pollution meteorologist at a large environmental consulting firm. I was involved in all sorts of permitting projects – from cement plants to petroleum tank farms and everything in between. It was becoming increasingly stressful, with long hours and lots of travel, so when I saw the posting for a position coordinating environmental education courses at Rutgers I applied and here I am!

How did you become a volunteer for AWWA? What motivates you to be active in the Section?

The person who had this position before me was a member and told me it would be helpful to join, so I did. She had not really been active but once I started meeting people and becoming involved, I realized what a great resource the Section and its members were. It has really become a two-way street, with Section folks serving as subject matter experts in classes and passing on suggestions for training topics and me helping with tips on how to keep multiple programmatic balls in the air at one time!

How long have you been an AWWA member and what have you gotten from your membership?

I became a member shortly after joining Rutgers, so it is going on 20 years at this point. Membership has brought access to great technical resources and some great relationships with folks in the water industry who I really consider as friends at this point.

Hobbies and outside interests?

I love the outdoors and enjoy hiking, biking and kayaking – especially with my husband Tony. I also enjoy gardening and knitting and cheering for all my Boston sports teams (born and raised there), which makes for some interesting game viewing with my New York team focused husband!

What legacy would you like to leave behind?

That training and education – for both personal and professional reasons – is a good thing. We should never stop learning – there is always something new out there to discover.

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February Spotlight Member  
Kyle Boehme

Congratulations to Kyle Boehme, the Section’s February Spotlight Member! Kyle began his journey at AWWA NJ as a Student Member in 2014, while a Civil and Environmental Engineering student at Rutgers University. Since graduation, Kyle has been employed by CDM Smith as an environmental engineer. His focus is primarily on water and wastewater infrastructure improvement projects.

In February 2018, Kyle helped organize the 2nd annual Student Filter Building Competition. He will help lead the 3rd annual competition on February 23rd, 2019. Kyle has adopted the role of liaison between the Student Affairs, Research and Technical Transfer, and Young Professionals committees. In August 2018, Kyle led an energetic group of YP members to the Great Swamp and removed invasive species of plants from an over-crowded streambed. More recently, Kyle and Mark Theiler took a trip to a local middle school and educated students about drinking water treatment processes. He is looking forward to staying involved and continuing to learn from his peers in NJAWWA.

How did you become a volunteer for AWWA? What motivates you to be active in the Section?

Many of my coworkers are involved in NJAWWA, and my mentors suggested I join as a way of meeting industry colleagues. I went to a few events, and quickly realized that there is a lot to learn about this business. The willingness of people to share their experience with young members was comforting and inspired me to become more involved. I’m motivated to help provide a platform for students and YPs to soak up invaluable knowledge from our more senior contemporaries.

What have you gotten from your membership?

It is truly amazing how much infrastructure is required in our state to make sure that every person can sip tap water at any time of day. I’ve enjoyed every chance that I’ve had in the past couple years to visit treatment plants and gather an understanding of the work that takes to produce millions of gallons of drinking water every day.

Hobbies and outside interests?

I love spending time outside and enjoy traveling to new places. I practiced triathlon while in college, but have since shifted my focus to only running, and recently ran a personal best in the Baltimore Half Marathon. On more than on occasion I’ve traveled 100 miles for a Krispy Kreme Doughnut (or 4) – there is just nothing better.

What legacy would you like to leave behind?

Volunteering an hour or two every now and then and then can pay dividends in the long run.
Contact Information

Name  □ Mr. □ Ms. □ Mrs. □ Dr.

Title

Company

Address

City

State/Province  ZIP/Postal Code  Country

Phone

Email

Were you referred by an AWWA member  □ Yes  □ No

Referring Member Name  Email

Gender  □ Male  □ Female  (Optional)

Birth Year  (Optional)

Annual Dues (A1)

□ Individual  $238
   An individual, such as a water utility employee, municipal official, public health professional, engineer, scientist, educator, consultant, or other person interested in or serving in the field of water supply. (02)

□ Young Professional  $139
   An individual age 35 or younger who is interested in or serving in the field of water supply. This rate applies to the first year of membership only. (YP2019)

□ Operations/Administrative  $90
   Any operations and administrative staff below the supervisory level at a utility with more than 1,000 service connections. Any staff member at a utility with fewer than 1,000 service connections. (06)

□ Student  $20
   A degree-seeking individual attending an accredited educational institution enrolled in the number of hours required by the institution for half-time or full-time status. (14)

Additional Sections

In addition to your primary Section, you may join other AWWA Sections. Please call 1.800.926.7337 for more information.

Payment

Annual Dues (A1)  $ ______________________________

Total  $ ______________________________

Payment Method

□ Check enclosed
   (make payable to AWWA, US currency only, US bank only)

□ American Express  □ MasterCard  □ Discover  □ Visa

Card Holder Name

Card Number

Expiration Date

Your membership will be activated when payment is received.

3 Ways to Join

➤ 1. Apply online at awwa.org/join

➤ 2. Fax completed application to 303.347.0804

➤ 3. Mail completed application to AWWA Customer Service
   6666 West Quincy Avenue
   Denver, CO 80235-3098

By joining AWWA, and providing your contact information in this application, you grant AWWA authorization to provide you member benefits and to send you commercial messages. Your communication preferences can be updated at any time at awwa.org under "My Account."

Signature  Date

(continued on next page)
Tell Us About Yourself All applicants must complete this section.

What one business activity best describes your company? (Please check only one)

☐ A Public Water Supply Utility—Municipally Owned
☐ B Public Water Supply Utility—Investor Owned
☐ C Government—Federal, State, Local
☐ D Consulting Firm
☐ E Contractor
☐ F Private Industrial System or Water Wholesaler
☐ G Manufacturer of Equipment & Supplies (including representatives)
☐ H Distributor of Equipment & Supplies (including representatives)
☐ I Educational Institutions (faculty & students), Libraries and other related organizations
☐ J Fully Retired
☐ K Research Lab
☐ L Other allied to the field (please specify) ____________________________

What one category best describes your company’s field served/principal activity? (Please check only one)

☐ 9 Both Water Supply & Wastewater
☐ 5 Water Supply Only
☐ 7 Wastewater Only
☐ 3 Other

What one category best describes your job title? (Please check only one)

☐ A Executive (General Manager, Commissioner, Board Member, City Manager, Municipal Supt., Mayor, President, Vice President, Owner, Partner, Director, etc.)
☐ B Management/Non-Engineering (Division Head, Section Head, Manager, Dept. Head, Comptroller, etc.)
☐ C Design and Engineering/Both Managerial and Non-Managerial (Chief Engineer, Civil Engineer, Mechanical Engineer, Elect. Engineer, Environmental Engineer, Planning Manager, Field Engineer, System Designer, etc.)
☐ D Scientific/Non-Managerial (Chemist, Biologist, Biophysicist, Researcher, Analyst, etc.)
☐ E Purchasing (Purchasing Agent, Procurement Specialist, Buyer, etc.)
☐ F Operations (Foreman, Operator, Maintenance Crewman, Service Representative, etc.)
☐ G Marketing & Sales/Non-Managerial (Market Analyst, Marketing Representative, Salesperson, Sales Representative, etc.)
☐ I Professorial (Educator, Teacher, etc.)
☐ Z Other (please specify) ____________________________________________

What areas of the water and wastewater industry are of current interest to you? (Please check all that apply)

☐ Advanced Water Treatment/Reuse
☐ Asset Management
☐ Automation/Control
☐ Backflow/Cross Connection
☐ Climate Change
☐ Conservation/Efficiency
☐ Customer Service
☐ Desalination
☐ Design/Construction
☐ Distribution/Plant Ops.
☐ Emergency Preparedness/Security
☐ Groundwater
☐ Innovation
☐ Laboratory
☐ Membrane Treatment
☐ Public Health
☐ Public Info./Communications
☐ Regulatory Issues
☐ Small Systems
☐ Source Water
☐ Stormwater
☐ Training/Career Development
☐ Utility Management
☐ Wastewater Collection/Treatment
☐ Water Loss
☐ Water Quality/Treatment
☐ Water Research
☐ Water Resources/Planning
☐ Workforce Strategies
☐ Young Professionals

Dues rates valid through December 31, 2019. Dues are not deductible as charitable contributions for income tax purposes. Dues may be considered ordinary and necessary business deductions. The following is for USPS periodical mailing requirements only. In some AWWA Sections, a portion of the Section allotment equal to 50% or more of the domestic subscription rate charged for the Section periodical will be allocated toward a subscription to that periodical. Allocation for each publication recipient authorized—Journal—American Water Works Association—$50; Opflow—$16. Members with APO/FPO addresses will receive e-periodicals only. NOTE: Members’ personal information is protected under AWWA’s Privacy Policy.
### Have an Idea for Research?

Let us know and we will help get it to the Water Research Foundation. Just fill out this short form and e-mail it to the Section Manager, **mona@njawwa.org**. A member of the Research and Technical Transfer Committee will contact you for more details.

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May someone from the Research and Technical Transfer Committee contact you? ☐ Yes ☐ No

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Phone: (303) 794-7711 or (800) 926-7337  
Email: custsvc@awwa.org

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