LETTER FROM THE CHAIR  By David J. Tanzi, PE, BCEE

Can anyone believe that it’s been almost three months since this year’s annual conference? For the nearly 1,000 members of the water community that attended, I think everyone would agree that the conference far exceed expectations. Although a lot of us can be apprehensive with change, a change of venue to the Borgata proved to be a huge success. There is no better way to spend time networking with our peers and industry professionals while, at the same time, earning continuing education credits than by attending the annual conference. Dozens of individuals spent countless hours preparing for the conference and nearly every Section committee participated in some way. I would like to thank everyone who made our annual conference

STUDENT AFFAIRS COMMITTEE MAKES DREAMS COME TRUE FOR SCORES OF CHILDREN  By Brian Carr, PE

As part of the Annual Drinking Water Week, the Student Affairs Committee holds its annual Elementary School Poster Competition. The committee gathered this year in Woodbridge to immerse themselves in the artwork and debate the difficult issue of whether you can use crayons to create fine art or if that is the domain of the paintbrush, colored pencil, and magic marker.

UPCOMING EVENTS

YP/WFP WATER TREATMENT PLANT TOUR AND HAPPY HOUR July 8, 2015

FRANK MORITZ RETIREMENT CELEBRATION July 16, 2015 • CLICK HERE

WATER FOR PEOPLE NIGHT AT THE BALL PARK • July 24, 2015

WATER FOR PEOPLE WINE TASTING September 11, 2015

FALL MEETING AND GOLF OUTING September 24, 2015

Jumping Brook Country Club Neptune, NJ

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A (SLIGHTLY) MORE AFFORDABLE FUTURE FOR STUDENT SCHOLARSHIP WINNERS
2015 AWWA’S WATER MATTERS! FLY-IN

MORE
Define the goal. Empower leaders. Create a checklist. Execute. Enjoy the fruits of your labor.

The Student Affairs Committee experienced a major face lift this year – restructuring its program. During the process, the team organized the Section’s first filter competition. High school and college students competed against each other head to head. Their homemade filters and the turnout were positively overwhelming.

The committee hosted the first student’s track held at the Annual Conference in March at the Borgata, Atlantic City. Students from Rutgers University, NJIT, Chatham High School, Princeton University, and Stevens eagerly participated and engaged themselves in the activities of the day including the Water 101 seminar, the research poster contest, young professional forum, the trivia bowl, and the party at the M1XX. The attendance was overwhelming – over 40 students attended – record breaking!

Following the annual conference, coloring books, tumblers, stickers, book covers and pens were packaged and distributed during classroom visits to celebrate Drinking Water Week.

There is no such thing as too many volunteers!

Sophia Heng is a Senior Civil Engineer at Southeast Morris County Municipal Utilities Authority and Chair of the Student Affairs Committee

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Student Affairs Committee 2015 Recap

By Sophia Heng, PE

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Letter from the Chair (continued from page 1)

so successful, especially the Conference, Program and Registration Committees. We’ve already starting preparing for the 2016 (and 2017?) annual conference and look forward to seeing everyone back in Atlantic City next year. Please take a minute to mark March 15, 2016 to March 18, 2016 on your calendars for next year’s annual conference. Based on what is currently being planned, next year’s conference will be even better than this years.

During the conference banquet, I had the opportunity to outline the goals of the Section for the 2015-2016 year. The majority of these goals focused on our members, and increasing the engagement of our members.

Like any organization, members are the lifeline, the backbone, the thing that makes the clock tick. But with our organization, this is a little different. We all have full time jobs – our paid jobs, our jobs at home, our job with our family, and our jobs with our extracurricular activities. When it comes to involvement in AWWA NJ, outsiders who don’t know may think of this as another “job”. But it’s not. It’s much more. It’s how we network with our peers, obtain technical educational credits, learn more about our industry and keep up with the ever-changing trends in our industry. And probably most important, it’s how we give back to an industry that has given us so much. We are only as strong and diverse as our participating members. Yes, we have a lot of members, different types of members – operators, engineers, manufacturer’s, suppliers, executives, consultants – and even students. But we’d love to have more members and make this Section even stronger. And even more important than having more members, is having engaged members.

So over the course of the next year, we will continue to focus on our members and continue to work hard to not only get them engaged, but keep them engaged. This will be not only for the benefit of the Section, but for the benefit of the members themselves.

During this past annual conference, Section goals for the upcoming year were shared with those in attendance. For those that could not attend the Attendee Appreciation and Awards Dinner on Thursday evening of the conference, I would like to share these goals with everyone:

• Establish student chapters at least two other colleges or universities within New Jersey.
• Continue to make “Careers in Water” presentation at four colleges or universities each year.
• Speak to the benefits of being an “engaged” member of the Section prior to each event.
• Raise and make a donation of at least $100,000 to Water for People.
• Expand student scholarship program.
• Create a licensed operator scholarship program.
• Evaluate the effectiveness of the Section’s website and re-branding it in its entirety.

Over the past few months, we’ve already started to make progress working on achieving these goals. The Membership Committee has met a number of times and is working on developing a plan to reach out to new members to make sure that they are aware of everything our great Section has to offer. The Student Affairs Committee is already making plans to meet with various colleges and universities after the summer ends and is in the process of increasing the number of available scholarships to students. The Water for People committee, after having a very successful golf outing in May, is already close to half the way towards meeting their goal. And finally, an ad-hoc website committee, with support from the Strategic Planning Committee, has already met on several occasions to review our Section’s current website in anticipation of the likelihood of moving toward a new website over the course of the next year in order to improve communication with our members and the public.

I would like to thank all of our dedicated volunteers and members for all that they do for our Section. Without our members, our Section would not be nearly be as strong as it currently is. I look forward to working with everyone over the upcoming year on our Sections goals and welcome your involvement in the Section. Should anyone have any suggestions on ways for the Section to meet our established goals or is interested in getting involved, please feel free to reach out to me at (732) 590-4656 or at TanziDJ@cdmsmith.com.

As we enter the summer months, I wish everyone safe travels in their vacation plans and their day to day work activities.

David Tanzi is a Vice President and Senior Project Manager at CDM Smith and the Chair of the NJ Section
DWSRF Small System Loan Program

Sherlock Holmes: “It has long been an axiom of mine that the little things are infinitely the most important”

The 1996 Federal SDWA amendments granted DWSRF funds to the States with the goal that the grantees would make at least 15% of that funding available to small water systems. In the New Jersey DWSRF program, a variety of small system technical, managerial and financial deficiencies, including creditworthiness concerns, have inhibited New Jersey’s program from regularly meeting this goal.

Therefore, in order to facilitate DWSRF funding for these small systems, the New Jersey DWSRF loan program has established a Small Water System Loan Program (which includes a Very Small Water System Loan Program). The special conditions of this program are available to current active public community water systems and nonprofit non-community water systems serving 10,000 or fewer persons or in the case of the Very Small Water System, serving a population of 500 persons or less. Current active water systems are identified as having an active PWSID number in the NJDEP’s NJEMS database and who are responsible for at least two complete years of requisite public water system compliance sampling. The purpose of this program is meant to provide a onetime subsidized financing to alleviate problems with small water system infrastructure. The program is not intended as an annual subsidized financing to water systems which have chronic inadequate capacity to maintain long term viability. As such, small water systems are only eligible for this program once every three years on a rolling DWSRF financing cycle. There is a total of $2 million of principal forgiveness available under this program.

An enhanced feature of this program is that larger, otherwise ineligible larger water systems, can access this program if they utilize the funding to make infrastructure improvements to smaller water systems that they have acquired (beginning in the calendar year 2015 or after). However, Small Water System funding is not available to large private water utilities which wish to utilize the funding for smaller water systems which they already own and/or operate. In addition, under the Small Water System/Very Small Water System loan program, no one water system is eligible for more than $500,000 principal loan forgiveness, in any funding cycle. For the purposes of this proviso, that water system is defined as the water system for which capital improvements are intended. The details of this program are found below:

Small Systems Loan Program (SWS) (NJEIT Nano program): In FFY2013, the DWSRF loan program implemented the Small Systems loan program. This program was initiated in order to proactively ease access to small system financing. From the applicants that met the first deadline of the DWSRF program, NJDEP identified those project sponsors qualified for the small systems loan program.

There is potentially $4 million available for this new loan program with a maximum Loan Amount of $1,000,000 per water system. The funds are provided as 50 percent of the total project costs (up to $500,000) will be awarded as principal forgiveness loans; 25 percent of the total project costs (up to $250,000) will be awarded as zero interest loans from the Department and 25 percent of the balance of the total project cost (up to $250,000) will be awarded as a loan at the market rate from the Trust. This program will be offered in a tiered approach: first to those systems serving less than 500 residents, secondly to those systems serving 500 to 3,300 residents and lastly to those systems serving 3,301 to 10,000 residents. Water systems will be sorted in ranked order, in accordance with the established point priority system, for each tier.

Very Small Water System (VSWS) Finance Program (NJEIT Nano light program): This program is considered a subset of the SWS loan program. In FFY2015 the Department will be providing financing to VSWS, serving 500 persons or less, which require funding based on the point ranking system, to address needed capital improvements.

A maximum of five hundred thousand (500,000) dollars will be made available as principal forgiveness loans to each eligible water system. The funding is part of the $2,000,000 principal forgiveness allocation in the Small and Very Small System loan program. It is proposed to give out the Principal forgiveness, up to $2 million total, through the VSWS program first. If there are remaining principal forgiveness monies, it will be given out under the SWS loan program.

We will prioritize VSWS projects based on the ranking system established in the current DWSRF Intended Use Plan (IUP). The program terms are that loans for 85% of eligible project costs will be given out as 100% principal forgiveness. The water systems will be required to contribute the remaining 15% to the project cost. The system contribution shall be exhausted prior to expending State monies. The project must be a discrete project that can be completed in full with the funds allocated, but can be part of a project that is completed in phases. There is no guarantee that the other phases would be funded under the DWSRF base program.

Total VSWS funding is capped at $2,000,000 under this program. There is a cap on the amount of funding for each project of $500,000. If any project needs more than the available funds under this program, then the system must furnish the remaining balance of the project. If the system meets credit worthiness criteria, the Trust/DEP may fund the remaining amount under the Base loan program. If the system does not meet the credit worthiness criteria, the system has to find an alternative source of funding to provide money for the remaining portions of the project or the system must reduce the scope of the project. Any funds not expended under this program will be made available to fund projects in the small system or base DWSRF program. Any projects not selected during any year’s program can reapply for the next funding cycle. There is no legacy status under this program.

If you have any questions, please contact Alan S. Dillon, Bureau of Safe Drinking Water at (609) 292-5550.

Alan Dillon is the Section Chef at NJDEP Bureau of Safe Drinking Water and Co-chair of the Infrastructure Management Committee

Co-chair of the Infrastructure Management Committee

Alan Dillo is the Section Chief at NJDEP Bureau of Safe Drinking Water and
The Water for People Committee got off to a great start to fundraising with this year’s 2nd Annual Dine and Dance. The event, held in Union, NJ in February, raised $18,000 with more than 150 people in attendance. That event was quickly followed by this year’s “Drop In the Bucket” auction held during the AWWA NJ Annual Conference. More than $4,000 was raised thanks to generous donations from exhibitors and members and to those that purchased raffle tickets for this important annual fundraiser. A special thank you goes out to all of the volunteers and vendors for donating and supporting the event.

The 12th Annual Water for People Golf Outing was held on Monday, May 4, 2015. More than 130 golfers came together at Royce Brook Golf Club in Hillsborough, NJ on what turned out to be one of the most spectacular weather days we have had in our twelve years hosting this event. Thanks to the support of the many sponsors and golfers that came out for the event, we had our most successful Golf Outing in the Committee’s history, raising more than $36,000! Congratulations goes to the foursomes from American Water Enterprises (-15; East Course) & Municipal Maintenance Company (-10; West Course) who took home the first place prizes on their respective courses. And finally, in a show of true generosity, Wes Covely of Pioneer Pipe Contractors donated back the majority of his 50/50 winnings to Water For People, reminding everyone in attendance what the day was all about – helping those less fortunate gain access to the clean water that we here in the U.S. can sometimes take for granted.

At the AWWA-NJ Annual Conference Dinner in March, Section Chair David Tanzi of CDM Smith challenged the Committee to raise more than $100,000 this year. We are off to a great start, but there is still much more work to be done to increase outreach and meet our 2015 fundraising goal. Below is a list of events scheduled for 2015. Please mark your calendars and plan on supporting some (or all!) of our events.

**YP/WFP Water Treatment Plant Tour/Brew Pub**
Wednesday, July 8, 2015, Swimming River WTP
Tour/Happy Hour @ The Downtown Red Bank, NJ

**Family Night @ The Ballpark**
Friday, July 24, 2015, Binghampton Mets vs. Trenton Thunder @ Waterfront Stadium in Trenton, NJ
Now accepting registrations – e-mail nicholas.devecchis@amwater.com for more information or to register.

**Turning Wine Into Water – Wine Pairing Dinner**
Friday, September 11, 2015 @ Laurita Winery, New Egypt, NJ

**TCS New York City Marathon – November 1, 2015**
Support Team Water For People as 12 team members run the streets of New York on November 1st raising money and awareness about the worlds water problems. Twelve (12) team members have agreed to join and fundraise for Team Water For People from all over the country and world. This year’s team has members from Texas, Washington, D.C., New York, New Jersey, California, Arizona and Singapore. Team members will be training and fundraising for the next 6 months, show your support and donate to a team member; [https://www.crowdrise.com/](https://www.crowdrise.com/) WaterForPeopleNYC2015/fundraiser/waterforpeoplenyc1

The Water For People Committee is always looking for new members to assist with planning events. If you are interested in volunteering or finding out more about these events, please contact Carmen Tierno at Carmen.Tierno@amwater.com or visit the AWWA NJ Section website at www.njawwa.org.

Erika Vardaxis is an Engineering Project Manager for New Jersey American Water and the Secretary of the Water For People Committee.
The 2015 Fresh Ideas Award Winner are... DiAsia Brooks and Perisa Azhir!  
By Stacy Fysz Cacallori

The 2015 Fresh Ideas Award Winner are DiAsia Brooks and Perisa Azhir!  
By Stacy Fysz Cacallori

The Fresh Ideas Competition is an AWWA initiative in which the New Jersey Section participates. The awardees receive recognition, a cash award and the opportunity to present their paper as a poster during ACE15.

This year, the Section has co-presenters that were selected for the award. The awardees are DiAsia Brooks, who is a Laboratory Technician with Trenton Water Works, and Perisa Azhir, who is a Water Quality Tech III with Middlesex Water Company. Their presentation was entitled Managing a Water Utility – Then and Now. It described how managing water utility, public or private, has evolved through the years and used the EPA’s Capacity Development Program as a tool to measure the success of a water utility. During their presentation, they described the Capacity Development Program, reviewed various managerial forms of utilities – including public, private, MUA, and Commission. They then brought the presentation to life by placing these concepts into a historical perspective by examining the development of a 200+-year-old water utility.

You may have noticed that DiAsia’s and Perisa’s work background is not management but rather water quality. They were brought into the presentation through the Retired Professionals Committee’s Knowledge Sharing Session. In order to successfully put their presentation together, DiAsia and Perisa “went to school” on water utility management and reviewed various water management information and conducted interviews with several utility managers.

Congratulations to DiAsia and Perisa for a job well done and on their award!

Stacy A. Fysz, is an independent utility consultant and is a member of the Conference Committee and Retired Professional’s Committee.

Next Generation Award Presented to Sophia Heng  
By Carol T. Walczyk, PE, PMP

Each year, the Next Generation Award is awarded to an AWWA NJ member who is a young professional (under the age of 35) and who is actively participating in the Association’s activities and programs. This award has been developed in an effort to encourage young professionals to become active in AWWA NJ and to encourage employers to consider allowing their young professionals to participate.

The nominee must be in good standing with the AWWA, have maintained membership in the AWWA NJ for a minimum of the past 2 years, have exhibited leadership in Association events for at least one year and displayed distinctive leadership and meritorious services in each of the following areas: service, good fellowship and participation.

The 2015 Next Generation Award winner, Sophia Heng of Southeast Morris County Municipal Utilities Authority, has frequently been described as a “rising star” in both the Association and the industry. After taking over the Student Affairs Committee midterm when the previous chair relocated, she hit the ground running. Under her leadership, the Student Affairs Committee has revitalized and expanded student chapters at New Jersey colleges and has developed a broader outreach to elementary and high school aged students. In 2015, the Committee held its first Filter Building Competition for high school and college students and presented a dedicated Student Track at the Annual Conference. Both of these events were very successful and are likely to continue in future years. Sophia’s hard work and dedication have helped make the Student Affairs Committee one of our most active and enthusiastic volunteer groups, and we look forward to her continued contributions to the Section’s mission.

Carol T. Walczyk is a Vice President at Hatch Mott MacDonald and Past Chair of the NJ Section.
John Perry and Ronald Suto Recognized for Four Tops Achievement  By Joseph duRocher

In 2008, the Four Tops Award was created to honor those individuals possessing the top four water supply and wastewater operator licenses. This award recognizes a very exclusive group of operators who possess the T-4, W-4, S-4, and C-4 licenses, and in 2008, included only 13 individuals out of more than 4,500 license holders in New Jersey. Since that time only one more individual had achieved this honor. So it was an exceptional occurrence this year when two individuals achieved this distinction.

It is with great pleasure that we proudly welcome two new members into the elite Four Tops club: Ronald G. Suto and John C. Perry. Ronald, currently the superintendent of Aqua New Jersey’s Hamilton Square system, attained his C-4 license in 2014. John, currently the Director of Public Works for the Montville Township MUA, attained both his S-4 and C-4 licenses in 2014. Alan S. Dillon of the Bureau of Safe Drinking Water presented the awards to Ronald and John in front of the Operators Bowl audience at the Annual Conference on March 18, 2015.

Ronald Suto’s career in water and wastewater operations spans nearly 30 years. For more than seven years, he has served as the superintendent and licensed operator of Aqua New Jersey’s Hamilton Square system, and previously, he has worked for CDM Smith Consulting, the Township of Montgomery, and the Borough of Roosevelt. Ronald has been an instructor of the Introduction to Water and Wastewater course at Mercer County Vocational School for more than 15 years, and has served as a member of DEP’s Advisory Committee on Water Supply and Wastewater Licensed Operator Training for more than ten years. He holds an Associate’s Degree in Civil Engineering from Mercer County College. In addition to possessing the Four Tops licenses, he also holds the N-4 license. He has been a longtime member of the AWWA NJ Section and NJWEA.

John Perry has more than 25 years of experience within the water and wastewater field, and he currently serves as the Director of Public Works and Water and Sewer Utilities for the Township of Montville. Previously, he served as Deputy Executive Director of the Hackettstown MUA, Manager of Plant Process and Projects Management for the North Jersey District Water Supply Commission, and General Manager of the Newark Watershed Conservation and Development Corporation. John holds a Master of Civil Engineering Degree from Norwich University and serves as an adjunct professor at Rutgers University. In addition to possessing the Four Tops licenses, he also holds the N-2 license. He has been a longtime active member of the AWWA New Jersey Section, having served on the Education and Professional Development Committee, Infrastructure Management Committee, and Licensed Operators Committee. John is also a member of NJWEA and the North Jersey Water Conference.

The New Jersey AWWA congratulates Mr. Perry and Mr. Suto for their truly outstanding achievements. We recognize their accomplishments as models of excellence to which all present and future operators may aspire to reach the very top levels of professional licensure.

Joseph duRocher is an Environmental Specialist with the NJDEP’s Bureau of Safe Drinking Water and co-chair of the AWWA-NJ Licensed Operators Committee.

Pictured above is Alan S. Dillon (center) presenting the Four Tops Awards to John Perry (left) and Ronald Suto (right).
Dedication Award Given to Michael Opaleski  By G. Christian Andreaen, Jr, PE

At the Section’s annual meeting at the Thursday night Awards Dinner, the Retired Professionals Committee was honored to recognize and present the Section’s Dedication Award to Michael J. Opaleski, retired Director of Water for East Brunswick Township. Those who know Mike know him to be a dedicated water professional and operator, a friend, and someone who has always had the ability to make us laugh. Throughout his career Mike has dedicated his services to the water industry as a licensed operator and utility manager for East Brunswick, instructor for many Operators classes, multiple roles within the Section (sometimes known as “Committee Mike”) including Section Chair and most recently being the host and MC for the Section’s Living History video series. We thank Mike for these continued services and congratulate him on being recognized with this award.

G. Christian Andreaen, Jr. is Director of Engineering at Middlesex Water Company and a past Chair of the NJ Section.

Frank Moritz is Retiring  By David Scheibner

Frank Moritz, a longtime member of AWWA is retiring at the end of June. His remarkable career includes service with investor owned and municipal water utilities as well as a major utility contractor. He has been a tireless volunteer with the New Jersey Section serving on numerous committees, chairing the Vendors/Exhibits Committee. Frank served as a Trustee, Section Chair, and represented New Jersey on the AWWA Board of Directors. He received the George Warren Fuller Award in 2004. Frank has also been an active member, officer, and volunteer with the North Jersey Water Conference and the Loyal Order of Moose. A retirement celebration will be held on July 16, 2015 in Paterson, NJ. For further details please contact David Scheibner at 201-670-5500 x 273 or dscheibner@ridgewoodnj.net.

David Scheibner is the Business Manager at Ridgewood Water and Secretary-Treasurer for the NJ Section.

Nicholas DeVecchis receives the 2015 Kenneth J. Miller Founders’ Award  By Carmen Tierno

Please join the Water for People Committee in congratulating our 2015 Kenneth J. Miller Founders’ Award Winner, Nicholas DeVecchis. Nick has been a reliable and engaging volunteer since joining the Committee in 2008. Every year he continues to volunteer at each fundraising event and takes on additional responsibilities. In addition to his active participation at almost every event, Nick has led Family Night at the Ballpark event since joining the Committee. He recently assumed leadership of the Golf Classic event and in 2015 it delivered the highest net income from any event in the history of the New Jersey Water for People Committee. He is one of the core volunteers and currently Vice Chair of the committee.

Carmen Tierno is Director of Operations at New Jersey American Water and the Chair of the Water For People Committee.
One common thread that many of our members understand is the sense of community in the New Jersey water industry. We are physically a small state, but also the most densely populated in the union. That means that many of our nearly 1,300 members have worked together, learned together, and solved problems together. We are also the home of the “Chlorine Revolution,” as we learned through the keynote address by Michael McGuire at the 2015 Annual Conference. With so much positive history in our state’s water industry, one of the missions of the AWWA NJ Section is to foster that sense of community, and to create a greater engagement through opportunities to network with our peers.

Time and time again, we have found our Life Members and retirees referring to the value of relationships made through NJ Section activities – whether it be through access to expertise through a phone call; to solving a challenging problem; or to mobilize a construction crew in a time of emergency. However, as the Baby Boomer generation matures toward retirement, the NJ Section is challenged to maintain our momentum with a new group of water industry professionals.

The Membership Services Committee seeks to build on the NJ Section’s legacy, by encouraging new membership, and enhancing the value of our services to existing members. To that end, the Committee, with the sponsorship of the Board of Trustees, has committed to a new policy: ALL new members will enjoy free access to selected section events in the course of their first year of membership, barring major-cost events such as conferences and dinners. Additionally – if you (as a member in good standing) bring a friend, associate, or co-worker to a section event, and that person signs up for membership, you too will attend that event for free. Finally, please note a special offer valid until July 31: membership renewals or new memberships that occur on or before that date receive 3 free months! That is 15 months of membership for the price of 12 months. See our ad in this issue of Pipeline for the purchase code.

AWWA NJ Section events are places where you can build relationships that will serve you throughout the entire spectrum of challenges and projects that you will tackle in your career. The bigger and more diverse group of participants we engage and retain, the greater the value of your membership becomes.

Here’s a sample of upcoming events, with more details to follow:

- Young Professional Plant Tour – July 8, 2015
- Water For People – Night at the Ballpark – July 24, 2015
- Water For People Wine Tasting – Laurita Winery – September 11, 2015
- NJ Section Fall Meeting – September 24, 2015

So we encourage you to come out and enjoy what the section has to offer! And consider bringing your co-workers, participating in a section committee, or supporting an event through volunteering.

Patrick Cole is Branch Manager at H2M Architects and Engineers and the Chair of the Membership Services Committee.

Stay informed. Learn and grow. Shape how water works.

American Water Works Association

Join by July 31 to get three months of membership free! Promo code: SECJOIN

www.njawwa.org
CEE Students Recognized at the 17th Annual NCE Salute to Engineering Excellence Awards

By Radhika Patel

NJIT is the first university in the state to host a student chapter of the American Water Works Association (AWWA), which is now thriving on campus with more than 30 active members. In recognition of its substantial contributions to the professional development of its members and the needs of the NJIT community through its activities, as well as its success in advancing the goals of NCE, the NJIT Chapter has been named the 2015 NCE Outstanding Student Chapter.

The group seeks to encourage the university community to be more conscious of the environment, while informing its members about the field of water management, from water resource engineering to waste water management, and encouraging them to consider meaningful careers in these areas. To fulfill that mission, AWWA last December hosted guest speakers from industry such NJIT alumnus Paul Rodriguez ’11, ’12, an engineer-in-training at Hatch Mott MacDonald, who presented one of his recently completed work projects. Mr. Rodriguez also helped the group to organize a competition for students to build a water bucket filter that met such design criteria as flow rate and turbidity removal among other project specifications, including cost, weight and sustainability. The event included a tour of the Middlesex Water Treatment Plant and a presentation on AWWA’s Water for People non-profit organization.

AWWA has partnered with the NJIT administration to provide hydration stations across the NJIT campus where recyclable containers can be filled, helping to reduce the number of single-serve plastic bottles used and discarded on campus.

Two teams from NJIT recently participated in the first annual AWWA Water Filter Competition, where students from local universities competed to design and build the most effective simple water filters. A team of four led by AWWA Vice President Radhika Patel won first place. “Being a member of AWWA has allowed me to network with individuals working in the field of water as well as to meet potential employers,” says Patel. “Networking with NJIT alumni and industry contacts has been instrumental in helping me choose my concentration in environmental engineering.”

CEE students learn about water treatment in the classroom. To give its members a first-hand view of the process, AWWA organizes visits to water treatment plants in the region. Along with the Kappa Psi Kappa fraternity, AWWA members also journey off campus once a semester to volunteer their time with the Hackensack Riverkeeper Project, helping the environmental advocacy organization clean the river of debris.

Most recently, during National Engineers Week, February 22-28, 2015, AWWA gave a presentation at Liberty Science Center to highlight the contributions engineers make to sustain the environment. In late March, the group attended the AWWA conference in Atlantic City, N.J., at which Radhika won second place in the conference’s undergraduate research poster competition with her poster about the Arborloo (Sanitation) Project. CEE graduate student Aliashgar Ghadimkhani won second place with a poster entitled “Ceramic Membranes Fouling Control by Air Nano Bubbles” and graduate student Ahmed Abdella won third place with his poster, “Simulation of Chlorine Decay in Drinking Water Distribution Systems” in the graduate research poster portion of the competition.

Radhika Patel is a senior studying for her Bachelor of Science in Civil Engineering at New Jersey Institute of Technology.
Student Affairs Committee Makes Dreams Come True for Scores of Children  (Continued from page 1)  By Brian Carr, PE

The Elementary Poster Competition is for children from kindergarten through 5th grade. This year’s theme was changed from longtime favorite “Only Tap Water Delivers” to the much more festive “Celebrate Tap Water.” As is usually the case for this grand competition, there was a wide range of colorful and interesting posters hand drawn by the children. Sinks and faucets were very popular as were flowers and rainbows. There were even a handful of the slings and arrows tossed at those evil and wasteful plastic water bottles.

In the end, a winner in each grade rose to the top like an ice cube in a refreshing glass of tap water. For the K-1 group it was Laila Grodon from the Tuscan School who’s colorful and inspiring image of a hand reaching out for a glass of water that took top honors.

For the 2nd-3rd grade group it was Alyssa Lewars, also of the Tuscan School, which won in a tight competition. Alyssa’s theme and colorful characters and flags including “Tap For All People” brought home the prize.

In the talent packed 4th-5th grade group and absolutely dominating performance by Assumption Regional Catholic School’s Melanie Groff and her fictional party animal character “Faucet Fred” allowed her poster to distance itself from the field. Throw in a cameo by our Section’s own water drop mascot and Melanie’s efforts had her crossing the line with distance to spare.

The creators of the winning posters each received a $100 gift card and in this case each of the schools with winning posters, Tuscan School and Assumption Regional Catholic School, earned for a Pizza Party based on total school and classroom participation.

I may be speaking only for myself, but when I was in grade school winning $100 or even just having a pizza party in class was a dream come true!

Brian Carr is a Senior Project Engineer at Middlesex Water Company and a Trustee of the New Jersey Section and a member of the Student Affairs Committee and Licensed Operators Committee.
High School Drinking Water Week Presentations

By Brian Van Nortwick

On Tuesday, May 5, 2015 I had the privilege of being “teacher for the day” at my alma mater, Toms River South High School, during National Drinking Water Week. I presented to Earth Science classes taught by my former teacher, Mrs. Girtain. Topics covered included the water cycle, different sources of drinking water, sources of pollution, an overview of drinking water treatment and distribution, as well as wastewater collection and treatment. A quick insight into Bottled Water vs. Tap Water was also provided, along with a brief overview of potential careers in the water industry.

During the presentations, students asked many questions that led to further discussion about where their local water comes from and how it is treated. Overall the presentations were very successful. The students gained valuable knowledge beyond the basics of the water cycle and insight into an area they might not otherwise learn. Mrs. Girtain and I both look forward to doing the presentations again next year.

Special thanks to Paul Rodriguez at Hatch Mott MacDonald for developing the presentation. If you know of any educators that might be interested in this sort of presentation, please contact Student Affairs Committee Chair Sophia Heng at njawwa.sa@gmail.com or committee member Brian Van Nortwick at hvannortwick@h2m.com.

Brian Van Nortwick is an Engineer at H2M Architects and Engineers and a member of the Student Affairs Committee.

A Strategic Look at Our Section’s Website

By Joesh G. Stanley, PE

The Strategic Planning Committee has been requested to take a look at the Section’s website in conjunction with an Ad Hoc Website Review Committee. While we will be reviewing the “big picture” items of the website, the Ad Hoc committee will be focusing more on the mechanics of the website.

I don’t think that it comes as a surprise that review comments on the website generally include that it has a very dated appearance along with some lesser politically correct comments. The Strategic Planning Committee is reviewing what other sections and organizations are doing for their web presence. Equally, if not more, important is the user experience of the website. Does it satisfy the requirements of our members and our committees, and how does it portray the Section to others outside of our organization? While the committee and I have our own opinions, we felt that it is important to solicit the input of our members and committees.

Within an email that was broadcasted to our members, we have requested you take a brief survey to solicit your input. I will also be reaching out to committee chairs and the Trustees for their input, as well. The link to the survey can be found here.

We certainly have some base “must haves,” such as a robust professional credit tracking system, strong event registration capabilities, a comprehensive event calendar and members only section for the operation of the Section, to name a few. But we really need your input. Even if you choose not to take the survey, please feel free to email me (joseph.stanley@hatchmott.com) with any suggestions that you may have. This process is very important in ensuring that we plan for a website that meets the needs of our section now and into the foreseeable future.

Joe Stanley is a vice president at Hatch Mott MacDonald, a Life Member of AWWA and the chair of the Strategic Planning Committee.
2014 Technical Program Highlights
By Eileen McCarthy Feldman, PE, PMP

The 2015 Annual Conference technical program was a great success providing important continuing education credits to our operators and engineers. NJ-licensed operators are nearing the end of their three-year training contact hour (TCH) cycle and the program had a special focus on operator training. Our Operations Track featured morning, classroom-style presentations on water treatment, lab testing, chemical feed systems, and distribution system components. The afternoon program brought exciting hands-on training related to fire hydrants, metering pumps, chlorine analysis and backflow prevention.

Our Technical Program Committee tracks the number of attendees in each technical session to identify the topics of most interest to our diverse AWWA NJ membership. This year, our hottest topic was Trenchless Technologies. Thank you Hetal Mistry (United Water) and Ken Bienkowski (Jacobs) for providing important content for our members. Other areas that were of great interest were asset management and distribution system construction, all with over 100 attendees.

Of special note in this year’s technical program was the Student Session that was very beneficial to our student attendees and offered continuing education credits for members who wanted to brush up on their water basics. In addition to organizing content for their peers, Rutgers University Senior Shivangi Ganatra co-presented on Ethics with Ron von Autenried of BS&J. This topic is very important to our members, and it is great to see students starting out their careers contributing to the section with a strong foundation in ethics.

The Technical Program Committee extends a thank you to all of our presenters. Our speakers’ hard work preparing and delivering high quality presentations is the real key to a successful program. The Technical Program Committee always welcomes feedback from members on past conference content as well as recommendations for upcoming conferences. Please reach out to Eileen Feldman at efeldman@hazenandsawyer.com with feedback on the 2015 Technical Program or ideas for next year.

Eileen McCarthy Feldman is a Senior Associate at Hazen and Sawyer and Chair of the Technical Program Committee.

AWWA-NJ Working for New Jersey’s Small Systems By Carol Broccoli

In early 2015, the Board of Trustees was contacted by AWWA’s partner, the Rural Community Assistance Program asking for assistance in providing USEPA grant-funded compliance training at no cost to small systems (those serving a population of less than 10,000) in New Jersey.

The Board tapped the Education and Professional Development Committee to be the lead on the project, while the Licensed Operators Committee signed on to help with the preparations and things were off and running! With the assistance of a group of dedicated volunteers, a venue was found, dates were locked in and speakers were lined up. The NJDEP provided a listing of all the small systems so they could be notified of the training. In a unique “teaming” arrangement, the New Jersey Water Association offered to handle registration for the event, a relationship which also provided an additional direct connection to small systems across the state.

On April 14 and April 21, 2015, the pieces came together in Tinton Falls, where just over 50 folks gathered for presentations focusing on the day-to-day challenges small systems face in providing reliable, safe drinking water to their customers. Topics included regulatory compliance, steps to avoid costly violations, how to prevent microbial contaminants, how to continually maintain water quality and information on ways to optimize system performance and reduce DBP’s. Feedback from the attendees was outstanding, giving high marks for both program content and the availability of networking opportunities over the two days.

As icing on the cake, in early May the chapter received kudos from AWWA that our chapter was one of only a handful of state and/or regional sections that achieved the attendance minimum of twenty small systems – and had submitted the required post-event paperwork promptly and correctly! Many thanks to those who gave of their time and effort to make this happen!

Carol Broccoli is the assistant director of the NJAES Office of Continuing Professional Education at Rutgers and a member of the Education and Professional Development Committee.
Dr. Mark LeChevallier Receives 2015 A.P. Black Research Award from AWWA

AWWA NJ is extremely proud to announce that our very own Dr. Mark LeChevallier has been chosen as the recipient of this year’s A.P. Black Research Award from AWWA. This award was established in 1967 in honor of Dr. Alvin P. Black to recognize outstanding contributions to water science and water supply rendered over an appreciable period of time. It is doubtful that anyone reading this has any confusion about why Dr. LeChevallier is receiving this award – his nickname “Dr. Water” says it all. Many may wonder, though, just why it took this long. The answer is pretty simple – his dedication to the Association precluded him. As a member of the Water Science & Research Division Board of Trustees, Dr. LeChevallier was not eligible for this award for the last nine years. It’s no surprise that as soon as he was eligible, he was selected to receive one of the highest honors for research that exists in the drinking water industry.

It’s funny to think now that there was a good chance that Dr. LeChevallier never even became part of this industry. As a child, Dr. LeChevallier wanted to be a marine biologist due to the influence from his heroes such as Jacque Cousteau and Lloyd Bridges’ character in the TV show “Sea Hunt.” However, at the time he attended Oregon State University they didn’t have a marine biology program. After weighing his options, he decided microbiology would be the most interesting to him. As part of this program, Dr. LeChevallier began doing research on groundwater and heterotrophic plate counts, eventually moving on to research on turbidity, microorganisms and coliforms in water distribution systems as he obtained his Bachelor’s and Master’s degrees in microbiology. He published his first paper as an undergraduate and by the time he completed his Master’s Degree in 1981, Dr. LeChevallier had published nine research papers. Thus began his illustrious career in research.

After his undergraduate work, Dr. LeChevallier wasn’t sure that he wanted to continue on to pursue his doctorate degree. Then he got his first job at Montana State University running a laboratory and his work there propelled him toward obtaining his PhD with his research on “Changes in Virulence of Chlorine Injured Pathogens.” While at MSU, he began researching microbiological activity with activated carbon. American Water was very interested in this work and he got an opportunity to collaborate with them on his research. American Water seized this opportunity to bring a bright young mind to the company and Dr. LeChevallier was impressed with the company’s interest in improving their systems and moving the water industry forward. He joined American Water in October 1985 and has been with them ever since.

Talking to Dr. LeChevallier, he makes it clear that he didn’t get to where he is and achieve the things he has on his own. Collaboration is the key to his success, not just across American Water but with academic institutions, consulting firms, and other public and private utilities across the country. One of the things that Dr. LeChevallier appreciates most about the industry is the way the entire community works together to share ideas and increase the knowledge for all involved – “together, we can do more than we can individually.” If Dr. LeChevallier could impress one thing upon students and researchers just starting out in this field, it’s that collaboration is key. Getting out to conferences and networking and forming relationships with potential research partners outside of one’s own company or university should be a high priority. As Dr. LeChevallier says “It’s what you know AND who you know.”

As someone who has worked with and selected past recipients of this prestigious award, Dr. LeChevallier understands better than many the honor that is being bestowed upon him. Looking back at his career and impact on the drinking water industry, he says “Things are different, for the better, than they were 30 years ago and that is what is satisfying about my work.” We can all agree that Dr. LeChevallier’s work has played an integral part in driving the industry forward and he has helped make things better. The loss to the marine biology community was our incredible gain.

Nicole Wiley is a Senior Planning Engineer with American Water and Trustee of AWWA NJ.

“Things are different, for the better, than they were 30 years ago and that is what is satisfying about my work.”
Harold V. Florence, Jr. Meritorious Operator of the Year 2015: Keith Smith  By Frank J. Marascia

The Harold V. Florence, Jr. Meritorious Operator Award is presented annually by the AWWA New Jersey Section to an Operator who has brought a higher degree of excellence, learning, initiative, and resourcefulness to bear in the operations of a public water system. This year the award was presented to Keith Smith. Keith began his career with the Township of Montclair - Water Bureau as a pump station operator. Keith advanced his knowledge of surface water treatment by working for the North Jersey District Water Supply Commission, where he held several positions including water treatment plant operator, water treatment analyst, and operations manager. Keith continued his career working in both groundwater and surface water systems through his positions with Veolia North America as a manager/licensed operator, City of New Brunswick as superintendent/licensed operator, East Orange Water Commission as licensed operator, and finally to his current position with the Borough of Butler as superintendent/licensed operator. Keith has Bachelor of Science degree in Environmental Science from Rutgers University and currently holds T4, W4, and C2 licenses.

Keith has been instrumental in developing water treatment plant preventive and predictive maintenance plans, as well as implementing best practices for distribution system operation. He has worked extensively with training operators and developed standard operating procedures and associated treatment strategies. Keith currently serves as one of the lecturers for the Advanced Water Course at Rutgers University and has been a guest lecturer at educational outreach events. Throughout his career, Keith has demonstrated public service, public health stewardship and dedication to his craft and has contributed positively to the to the water systems where he was employed. Congratulations Keith!

Frank Marascia is a Production Manager for New Jersey American Water Company and the current co-chair of the Licensed Operator Committee.

AWWA NJ Thanks Nutley High School  By Neil Goldfine

Each year AWWA New Jersey Section produces a Living History documentary interviewing members with a long career in the Water Supply field. Thanks to the Radio/TV Production Program students at Nutley High School, who record and produce the video, AWWA NJ is provided with a professional result. On Wednesday, May 16, 2015, David Tanzi (Board of Trustees Chair), Stacy Fysz Cacallori (Retired Professionals Committee/Conference Committee), Brian Applegate (Publications Committee Chair) and Neil Goldfine (Retired Professionals Committee Chair) met with the students, school officials and Township of Nutley Director of Public Affairs Commissioner, Steven L. Rogers, to present a $2,000 check to the school to thank them for their efforts. The Section also provided a goody bag and doughnuts for each student. As they chowed down on the doughnuts, they all happily donned their new AWWA NJ baseball caps. Thanks again to Nutley High School!

The latest edition in the living history video series can be found on the section’s youtube page here: AWWA NJ Living History – 8th Edition. This year the retired professional committee interviewed with Neil Goldfine, PE, James Glozzy, and James Dyksen, PE and discussed their careers and how they shaped the Water Industry.

Neil Goldfine is the President of Mavin Consultants L.L.C and Chair of the Retired Professionals Committee.
Crossword Puzzle – Control of Lead & Copper  By Cassandra Malone

Across

3. Unacceptable sample location (2 words)
5. Notice required after any routine lead monitoring (2 words)
7. Number of days to issue public education after lead AL exceedance
8. Lead Action Level (ppb)
10. Damages brain, red blood cells & kidneys
11. Banned from use on copper pipes by Congress in 1986 (2 words)
14. Sample water sits for 6 hours (2 words)
17. 1.3 ppm action level
20. Potential hydrogen
21. Source water sample location (3 words)
25. Elemental symbol for copper
26. Sample frequency increased monitoring
27. Notice required after lead AL exceedance (2 words)
28. Collects first draw sample for community water systems
30. Less common corrosion inhibitor

Down

1. First draw sample volume (2 words)
2. Stndmonitoringperd
4. Sample frequency reduced monitoring
6. Compliance calculation threshold (2 words)
9. Tier 1 sample site criteria (3 words)
12. List of tier 1 sample sites (2 words)
13. Number of DS sites for WQP if population >100,000
15. Sample frequency standard monitoring
16. Not a maximum contaminant level (2 words)
18. Elemental symbol for lead
19. Sample location after action level exceedance
22. Preservative used for sampling lead and copper (2 words)
23. Number of lead/copper samples required for system with population <100
24. Most common corrosion inhibitors
29. ALKY, pH, T, cond., Ca

Cassandra Malone is a member of the Publications Committee
A (Slightly) More Affordable Future for Student Scholarship Winners  By Brian Carr, PE

We’ve all heard the stories of the rising costs of a college education and its impact on the young adults in America. For years, the Student Affairs Committee has been fighting the increasing cost of tuition with its scholarship program. In recognition of Drinking Water Week, the Committee awarded three scholarships to the applicants who seem to raise the bar for what it takes to win every year.

The Drinking Water Careers Scholarship – awarded to an undergraduate student entering their sophomore, junior or senior year of college who is interested in a career in drinking water – went to Conor Bourque from Drexel University. With excellent grades and a winning essay, Conor was a standout candidate in the group and a unanimous selection by the Committee.

The Drinking Water Continuing Education Scholarship – awarded to a high school senior who is planning to continue their education at a college, trade or vocational/technical school – went to Emily Walczyk of Chatham High School. Emily showed wisdom beyond her years when she realized pursuing a career in the water industry is much better than being a doctor.

The Family Drinking Water Careers Scholarship – awarded to children of Section members who are pursuing their education at an undergraduate, graduate or other vocational/technical school – was awarded to Ryan Perry of Sussex County Community College. Ryan was edged out by Conor Bourque in the Drinking Water Careers Scholarship but had the chops to win the Family Scholarship.

We hope the winners of each scholarship will put their new found $2,500 to good use and continue their journey into the water industry, as have several of our past scholarship winners. Admittedly, $2,500 isn’t the same as a full ride to Rutgers, Rowan, Stockton, Stevens, or NJIT. However, given we had five or less submissions for each scholarship, you may want to ask any qualifying young adults you know if a twenty percent chance of winning $2,500 is worth throwing their hat into the ring.

Brian Carr is a Senior Project Engineer at Middlesex Water Company and a Trustee of the New Jersey Section and a member of the Student Affairs Committee and Licensed Operators Committee.

2015 AWWA’s Water Matters! Fly-In  By Laura Cummings

Carol Storms and Laura Cummings participated in the 2015 AWWA’s Water Matters! Fly-In hosted by AWWA’s Government Affairs Office in Washington, D.C. on March 18 and 19. This year’s Fly-In issues included:
- “Free WIFIA” – Remove the prohibition on combining tax exempt debt with loans under the Water Infrastructure Finance and Innovation Acct (WIFIA).
- Support robust funding for the drinking water and wastewater state revolving loan fund programs and WIFIA and protect the tax exempt status of municipal bonds.
- Encourage cybersecurity legislation that is favorable to the water sector including greater information sharing and expansion of liability protections.
- Improve the Chemical Spill Legislation (S1961 and HR 4024) regarding standards of notification and comprehensive notifications.
- Several bills have been proposed regarding algal blooms and cyanotoxins. AWWA encourages effective non-point nutrient source management, under the Clean Water Act and recommend that EPA and the USDA adopt water quality objectives that specifically recognize the protection of drinking water supplies.

Laura Cummings is the Executive Director/Chief Engineer at Southeast Morris County MUA and a Past Section Chair.
2015 AWWA Individual Application

American Water Works Association
Dedicated to the World's Most Important Resource*

Contact Information

Name ☐ Mr. ☐ Ms. ☐ Mrs. ☐ Dr.

Title

Company

Address ☐ Home ☐ Business

City

State/Province ZIP/Postal Code Country

Phone

Email

Is your company a member of AWWA? ☐ Yes ☐ No

Company Member Number (if known)

Were you referred by an AWWA member? ☐ Yes ☐ No

Referring Member Name Email

Annual Dues (A1)

☐ Individual Active $205
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 $126
A special discount on first-year dues for individuals interested in or serving in the field of water supply, who are age 35 or younger. (YP2015)

☐ Operations/Administrative $85
An individual employed in any operating or administrative position by a water utility with 1,000 or fewer service connections or any employee below the supervisory level in a utility with more than 1,000 service connections. (06)

☐ Student $20
A student enrolled in a minimum of nine credit hours (or the equivalent thereof) at an accredited institution. (14)

Payment

Annual Dues (A1) $________________________

Additional Sections* (A2) $________________________

*If applicable

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.

By joining AWWA, you grant the association, through implied consent, authorization to send you commercial electronic messages. Your communication preferences can be updated at any time at www.awwa.org under “My Account.”

Additional Sections (A2)

In addition to your primary Section, you may join other AWWA Sections. There is a $33 multi-section fee, plus the assessment fee for the other Sections as appropriate. Please call 1.800.926.7337 for more information.

3 Ways to Join

1. Apply online at www.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

Signature _____________________________ Date _____________

MORE
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 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.)
- [ ] H. Professorial (Educator, Teacher, etc.)
- [ ] I. Other (please specify) ________________________

What one category best describes your field served/principal activity?  (Please check only one)
- [ ] 1. Both Water Supply & Wastewater
- [ ] 2. Water Supply Only
- [ ] 3. Wastewater Only
- [ ] 4. Other

What areas of the water and wastewater industry are of current interest to you?  (Please check all that apply)
- [ ] A. Asset Management
- [ ] B. Backflow/Cross Connection
- [ ] C. Climate Change
- [ ] D. Conservation/Efficiency
- [ ] E. Customer Service
- [ ] F. Desalination
- [ ] G. Design/Construction
- [ ] H. Distribution/Plant Ops.
- [ ] I. Drought
- [ ] J. Emergency Preparedness/Security
- [ ] K. Groundwater
- [ ] L. Laboratory
- [ ] M. Membrane Treatment
- [ ] N. Public Health
- [ ] O. Public Info./Communications
- [ ] P. Regulatory Issues
- [ ] Q. Reuse
- [ ] R. Small Systems
- [ ] S. Stormwater
- [ ] T. Training/Career Development
- [ ] U. Utility Management
- [ ] V. Wastewater
- [ ] W. Water Loss
- [ ] X. Water Quality/Treatment
- [ ] Y. Water Research
- [ ] Z. Water Resources/Planning
- [ ] AA. Workforce Strategies
- [ ] BB. Young Professionals

Gender  [ ] Male  [ ] Female  (Optional)

Birth Year  (Optional)

Dues and Section assessment rates valid through December 31, 2015. Dues are not deductible as charitable contributions for income tax purposes. 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. Print periodicals may be purchased for an additional fee. NOTE: Members’ phone numbers and email addresses are 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.

Name __________________________________________________________
Phone Number __________________________________________________
E-mail Address __________________________________________________
Issue/Research Idea _____________________________________________
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May someone from the Research and Technical Transfer Committee contact you?  □ Yes  □ No

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