

**AWWA-PNWS
2018 Spring Trustee Report
Research Committee**

Research Committee Officers

<i>Chair:</i>	<i>Alex Mofidi, Confluence Engineering Group</i>
<i>Vice Chair:</i>	<i>Sophia Hobet, City of Hillsboro</i>
<i>Vice Chair:</i>	<i>Damon Roth, Cornwell Engineering Group</i>
<i>Secretary:</i>	<i>Anna Vosa, Portland Water Bureau</i>

Overview

Our committee was founded in 2008. Our focus is to have a direct, positive impact on the ability of AWWA-PNWS to provide practical technical training to its members, bring cutting-edge and/or research-oriented water topics into mainstream discussion, and engage with national AWWA committees. This report highlights recent and planned future efforts in this regard.

Membership

In our committee we truly believe we can evaluate and broaden member knowledge of nearly any topic area of the water industry. We are not limited to ‘treatment’ or ‘distribution systems’ or ‘asset management’; we are able to rapidly and methodically develop plans for investigating, evaluating, and developing training and member education on nearly any type of topic.

Committee Activities

Since the founding of our committee, we have regularly held annual training workshops on high-priority topics being faced in the water industry. Our planned and completed training activities over this past year are summarized below.

Workshop “Making the Best of 21st Century Filtration: Advances and Challenges” (March 2018)

This workshop, co-sponsored with the help of the Treatment Committee, was held in Vancouver WA and was very successful. There were approximately 90 paid attendees, lunch was sponsored/paid by CH2M-Jacobs, and there were three, \$500 co-sponsorships from Calgon, Carollo and Stantec that paid for CEU costs, venue costs, and all food, drink and snacks. The Income generated from this one-day workshop (if my math is correct) was more than \$8,000. All of the speakers had their costs paid by their companies – several of which came from out of the area – as follows:

- Mofidi (Seattle WA) Confluence Engineering
- Hofeld (Salem OR) Oregon Health Authority
- Ervin (Seattle WA) CH2M-Jacobs
- Price (Walnut Creek CA) Stantec
- Swaim (Denver CO) CH2M-Jacobs
- Stephens (Seattle WA) Brown and Caldwell
- Duncan (Lake Oswego OR) City of Lake Oswego
- Peters & Leeds (Portland OR) Carollo
- McMeen & Fox (Tacoma WA) City of Tacoma
- Friedman (Seattle WA) Confluence Engineering

Research Committee obtained 0.6 CEU credits for the workshop and provided certificates to all paid attendees who completed the training.

Tacoma Conference Technical Track (April 2018)

At the annual conference this year, we are sponsoring a half-day set of technical presentations to take place on Friday morning. The speakers are all talking toward providing improvements to distribution system water quality and all talks have been awarded CEUs. The presentations include the following:

- Hill, Gupta & Igoe (60-min) "Field evaluation of flushing techniques"
- Mofidi & Tonella-Howe (30-min) "Water quality risk management for capital improvements"
- Larsen (30-min) "Corrosion control treatment"
- Roth (30-min) "Bench-scale corrosion control testing for PWB"
- Friedman (30-min) "Pilot-scale corrosion control testing for PWB"

Potential Upcoming Workshop(s) (September 2018)

Our committee has discussed the "next" topics of interest for a 2018 workshop, possibly in September. If anyone has a desire to sponsor or have Research committee use their facilities as a workshop location, they should contact Damon Roth (DRoth@Cornwell.Engineering). Topics include the following:

- Distribution System: The New Waterworks Frontier
- Stormwater Treatment
- Practical Guidance in Conducting Bench- and Pilot-Scale Testing
- Cutting-Edge Water System Issues: UCMR4, Buildings Becoming Public Water Systems and More

Meetings

We hope to have a Summer/Fall face-to-face meeting at a themed location (i.e., pub) or utility-sponsored location possibly in the northwest Oregon area. More info to come.

Succession Planning

We have always thought of succession planning and strive to continue to 'promote within our ranks' as the years pass. Typically, the Vice Chair and Secretary positions move 'up' every 2 years, so committee leadership is (at least) a 6-year commitment. We are now completing the current 2-year term and our leadership is changing. Alex Mofidi will be stepping down to join our past Chairs:

- Chris McMeen, Tacoma Water (2008-2010)
- David Peters, Portland Water Bureau (2010-2012)
- Sam Perry, Washington Department of Health (2012-2014)
- Lynn Williams Stephens, Brown and Caldwell (2014-2016)
- Alex Mofidi, Confluence Engineering (2016-2018)

Damon Roth will become the new Chair and Anna Vosa will move up to Vice Chair during the Tacoma Conference.