

AMTA/AWWA Honorees

AMTA 2016 Hall of Fame Awards: Recognizes pioneering and/or lifetime contribution by an individual to the field of membrane technology.

Paul Culler received the award in recognition of Paul's contribution to advancement of the use of membrane processes as a founder of Basic Technologies, Inc. (BTI) and the early developer of partial demineralization, now referred to as membrane softening that reshaped the membrane industry. In appreciation for his support of the American Membrane Technology Association and his participation in the AMTA Historical interviews.

Jaren Leet received the award in recognition of Jaren's contribution to advancement of the use of membrane processes as a founder of Aqua Media, Inc., an OEM that pioneered the use of early reverse osmosis technology providing ultrapure water to the semiconductor industry, in appreciation for his support of the American Membrane Technology Association and his participation in the AMTA Historical interviews.

Dean Spatz received the award in recognition of Dean's contribution to advancement of the use of membrane processes as a founder of Osmonics, Inc., a pioneering manufacturer of reverse osmosis membranes, membrane equipment, components, and controls that shaped the membrane industry. In appreciation for his support of the American Membrane Technology Association and his participation in the AMTA Historical Interviews.

Amta 2016 Outstanding Member award: recognizes outstanding contributions to membrane technology by an individual who is a member of amta.

Dow Water & Process Solutions received the award in recognition of their resolute support of AMTA through their participation as sponsors and presenters throughout the years as well as for their assistance with the Mobile Modules at the 2015 WEFTEC Conference in Chicago.

2015/2016 AMTA-ADC Fellowship Awards were given to three students. This Fellowship made possible as the result of a gift to AMTA by the Affordable Desalination Collaboration (ADC). The ADC was founded with a mission to advance the knowledge and understanding of desalination cost, energy, and promising advances in these areas. The recipients were:

Sarah Dishinger, University of Colorado, Boulder; received the award for her studies on: "Nanopore Tuning in Lyotropic Liquid Crystal Membrane Materials for Optimized Water Transport"

Paula Monaco, Texas Tech University received the award for her studies "Research Plan: Evaluating the use of antimicrobial feed spacers versus traditional feed spacers for the inhibition of biofilm development on reverse osmosis membrane surfaces in the presence of real wastewater sources"

Samantha Jeffery, University of Central Florida received the award for her studies "Investigating Nanofiltration Membrane Processes for Removing Trace Chemicals of Emerging Concern"

Recognition of Service Awards: These awards are presented to acknowledge Outgoing Board Members who have made significant contributions to furthering the mission of AMTA. The recipients were:

Dennis Livingston, Ovivo USA, LLC, received the award in recognition of his efforts on the AMTA Industry Collaboration and Technology Transfer Committees and as editor for several issues of AMTA's Newsletter, *Solutions* and his service as an AMTA Director from 2014 until 2016.

Tom Seacord, Carollo Engineers, Inc., received the award in recognition of his efforts on the AMTA Newsletter Committee, his work with ADC to bring a donation to AMTA, and his energy to spearhead the formation of the Northwest Membrane Operator Association (NWMOA) during his tenure and service as an AMTA director from 2001 until 2016.

Bob Yamada, San Diego County Water Authority, received the award in recognition of his efforts on the AMTA Industry Collaboration Committee and his service as an AMTA Director from 2014 until 2016.

AMTA Presidential Awards: These awards are presented at the discretion of the President of AMTA to acknowledge individuals who have made significant contributions to furthering the mission of AMTA.

Dr. Irving Moch received the award in recognition of extraordinary leadership in the fields of desalination and membrane treatment, including more than fifty years of service with DuPont Permasep, and his own

firm, I. Moch & Associates, countless volunteer hours assisting the AMTA Board as a Director, as well as scholarly authorship and editing for publications, conferences and industry standards. *(Note: this Award was presented prior to the MTC16 Conference in August 2015)*

David MacNevin, Tetra Tech, received the award in recognition of his leadership and dedicated service to the American Membrane Technology Association in serving as the Editor of the AMTA Newsletter, *Solutions*, for two issues, with special honors for volunteering on short notice.

Mike Snodgrass, Ovivo USA, LLC, received the award in recognition of his leadership and dedicated service to the American Membrane Technology Association in assisting with the Mobile Modules at WEFTEC and serving as the Editor of the AMTA Newsletter, *SOLUTIONS*, for one issue with special honors for volunteering on short notice.

AMTA/AWWA MTC16 Best Paper Award:

Troy Walker, PE, Hazen and Sawyer, was presented with this year's Best Paper Award for his Paper Presentation on: "Direct Potable Reuse - Getting Operations Ready for the Next Bold Leap"

Brent Alspach, PE, BCEE, ARCADIS, received the Award Committee's acknowledgement as an excellent Paper Presentation on the topic: "Broad Application of Cost-Effective ZLD Technology for Desalination Concentrate Management"

AMTA/AWWA MTC16 Best Poster Award:

Terry Gellner, P.E., TnT Engineering LLC, was presented with this year's Best Poster Award for his Poster Presentation on: "Is Disinfection Needed? MBR Treatment Performance and Effectiveness of Disinfection Process"

AMTA/AWWA MTC16 Student Best Paper Awards:

Sarah Dischinger, University of Colorado, Boulder, was presented with this year's Student Best Paper Award for her Paper Presentation on: "Nanopore Tuning in Lyotropic Liquid Crystal Membrane Materials for Optimized Water Transport"

Marjolein Vanoppen, Ghent University, was presented with this year's Student Best Paper Award for her Paper Presentation on: "Assisted Reverse Electrodialysis: A Novel Technique to Decrease Reverse Osmosis Energy Demand"

AMTA/AWWA MTC16 Student Best Poster Award:

Mohammad Alresheedi, Carleton University, was presented with this year's Student Best Poster Award for his Poster Presentation on: "Assessment of Natural Organic Matter Constituent Fouling Using the Silt Density Index Method Under Variable Conditions"