

AMERICAN WATER RESOURCES ASSOCIATION

2021 ANNUAL AWARDS CEREMONY

NOVEMBER 10, 2021

*Recognizing organizations, projects, state sections,
and student chapters for outstanding leadership and
service in the water resources profession.*





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#AWRA2021

American Water Resources Association
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AWRA 2021 AWARDS

A. IVAN JOHNSON AWARD FOR YOUNG PROFESSIONALS

AWRA FELLOW MEMBER AWARD

AWRA HONORARY MEMBER AWARD

ICKO IBEN MULTIDISCIPLINARY COMMUNICATIONS AWARD

INTEGRATED WATER RESOURCES MANAGEMENT AWARD

KENNETH J. LANFEAR AWARD FOR OUTSTANDING TECHNOLOGY PAPER IN JAWRA

N. EARL SPANGENBERG OUTSTANDING STUDENT CHAPTER AWARD

OUTSTANDING STATE SECTION AWARD

THE WILLIAM C. ACKERMANN MEDAL FOR EXCELLENCE IN WATER MANAGEMENT

WILLIAM R. "RANDY" BOGGESS AWARD

RICHARD A. HERBERT MEMORIAL SCHOLARSHIPS

Each year, AWRA recognizes individuals, organizations, projects, state sections, and student chapters for outstanding leadership and service in the water resources profession.

Individuals and organizations have an opportunity to nominate candidates in multiple categories each spring, with awards presented during AWRA's annual conference in the fall. AWRA membership is not required to make a nomination or receive an award except for the Richard A. Herbert Memorial Scholarship and Fellow Member Award.

AWARDS CEREMONY SPONSORED BY





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SAVE THE DATE: MARCH 1, 2022 2022 AWARDS NOMINATIONS

The application process will open for Awards and the Richard A. Herbert Memorial Scholarship on March 1, 2022. The list of awards accepting nominations include:

- A. Ivan Johnson Award For Young Professionals
- David R. Maidment Award for Exemplary Contributions to Water Resources Data
- Fellow Member Award
- Henry P. Caulfield, Jr., Medal For Exemplary Contributions To National Water Policy
- Honorary Member Award
- Icko Iben Multidisciplinary Communications Award
- Integrated Water Resources Management Award
- Mary H. Marsh Medal For Exemplary Contributions To The Protection And Wise Use Of The Nation's Water Resources
- N. Earl Spangenberg Outstanding Student Chapter Award
- Outstanding State Section Award
- Sandor C. Csallany Institutional Award For Exemplary Contributions To Water Resources Management
- William C. Ackermann Medal For Excellence In Water Management

AWRA membership is not required to make a nomination or receive an award except for the Richard A. Herbert Memorial Scholarship and Fellow Member Award.

Nomination announcements for all awards and scholarships will take place in May 2022. The nomination period for the 2022 David R. Maidment Award for Exemplary Contributions to Water Resources Data will open in the fall of 2022.

Learn more at awra.org/Members/Scholarship_and_Awards/Awards

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A. IVAN JOHNSON AWARD FOR YOUNG PROFESSIONALS

This award recognizes and encourages young professionals as the future leaders of water resources research, management, and education. Given annually, or at such time as qualified candidates are identified and nominated, this award is for a young professional who has demonstrated outstanding achievements, talents, and leadership potential through their professional activities related to water resources.

AWARD CRITERIA

The person chosen for this award should be employed in a full-time professional capacity in water resources or related fields for at least two (2) years but not more than eight (8) years. The applicant must have demonstrated outstanding professional and leadership talent and potential while in a full-time professional position through the following criteria:

- Significant contribution of service to a professional association;
- Excellence in work performance; and
- Completion of work that produced significant contribution to the understanding, management, planning, science, engineering, policy, or education of water resources.

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RACHELLE SANDERSON

A. IVAN JOHNSON AWARD FOR YOUNG PROFESSIONALS RECIPIENT

Rachelle is the Regional Watershed Coordinator for Region 7 of the Louisiana Watershed Initiative, which pursues a holistic approach to watershed management, one that goes beyond conventional mitigation measures and incorporates nature-based solutions. In this position, she combines her passion for science and climate justice by working with communities to incorporate local wisdom into planning efforts while growing capacity and knowledge of challenges and opportunities that increasing flood risk present. She is an authentic leader who is focused on providing input that is built on an ethical foundation and prioritizes honest relationships.

Rachelle is a change maker who sees the intersections of water and justice in Louisiana, and across the world, as an opportunity to question and re-imagine systems and institutions that are driven by inequities and society's unsustainable relationship with our environment.



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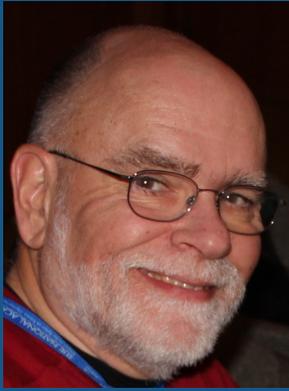
AWRA FELLOW MEMBER AWARD

This award recognizes an AWRA member with an eminent record in some branch of water resources science and technology.

AWARD CRITERIA

A person is eligible for selection as a Fellow Member if he or she has been a member of the Association for at least 10 consecutive years; has served at least one year on any of its committees; or has been a Director or Officer of the Association; and has an eminent record in some branch of water resources science and technology.

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MICHAEL E. CAMPANA

AWRA FELLOW MEMBER AWARD RECIPIENT

Michael E. Campana first saw the light of day in New York City and grew up on Long Island. He graduated from the College of William & Mary (BS Geology). Realizing that his sharply-honed DJ skills would still preclude his challenging Bruce 'Cousin Brucie' Morrow on WABC-AM in NYC, he took his geology degree (but forgot his saxophones) and headed west to learn the nascent field of hydrology at the University of Arizona in Tucson. There he received MS (1973) and PhD (1975) degrees in hydrology and began a long career as a 'pracademic' at the Desert Research Institute and University of Nevada-Reno (12 years); University of New Mexico (17 years) ; and now, Oregon State University (15 years). Michael specializes in hydrogeology and water resources management; his current interest is managed aquifer recharge (MAR) and related topics. He developed an interest in hydrophilanthropy in the mid-1990s and in 2002 founded the Ann Campana Judge Foundation, named for his late sister, a nonprofit that supports and undertakes water and sanitation projects in Central America. His alter ego WaterWired blogs [www.waterwired.org] and tweets @WaterWired on water and related subjects. His work has taken him around the world. Michael has been a member of AWRA since the late 1990s and serves as Technical Director (since 2015), Editor-in-Chief of *Water Resources IMPACT* magazine and webinar czar. He is a failed skier (Alpine and Nordic), former semi-decent mountain biker, lover of felines, and an inveterate desert rat (living in western Oregon?). He and Mary Frances have enjoyed 28 years of a wonderful marriage.



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AWRA HONORARY MEMBER AWARD

This award recognizes an individual who has obtained acknowledged eminence in a branch of water resources science and technology.

AWARD CRITERIA

Election as Honorary Member in AWRA recognizes an individual who has obtained acknowledged eminence in a branch of water resources science and technology.

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ZAHID HOSSAIN

AWRA HONORARY MEMBER AWARD RECIPIENT

Zahid Hossain is a development professional of Bangladesh having specialized work experience with water resources, water supply, wastewater, solid waste, and sanitation over 18 years.

Currently he has been working at UNICEF Bangladesh as a consultant of water supply and sanitation for developing the capacity of municipality regards to pipe water supply system connecting from river's water treatment. Before UNICEF, he worked at World Bank as a consultant under the water and sanitation unit. On behalf of a consulting firm, he worked with the World Health Organization (WHO) for developing the technical guideline on water safety plan implementation for water supply operation. He worked with international NGOs - WaterAid, Caritas, and Oxfam and during that time worked with pipeline water supply. He introduced a large scale rainwater harvesting system as an alternative source of water for the textile industry in Bangladesh for their cloth washing and dyeing purposes.

He also worked at the Institute of Water Modeling (IWM) under the Dhaka water supply project for conducting a study of water system loss. He worked with Local Government Engineering Department's (LGED) 3 projects at different times as Mid-level Water Resources Engineer, Sanitation Expert and Solid Waste Management Specialist, financially supported by ADB and JICA, respectively. He published his papers regarding rainwater harvesting and solid waste management in international journals, and presented his papers on rainwater harvesting with regards to policy, strategy, and different purposes use; water governance and climate change for SW region in Bangladesh at international conferences (Nepal, India, and USA) along with at national level. He was awarded as a Water Champion offered by Centre for Science and Environment (CSE), Delhi, India for introducing a rainwater harvesting system at textile sector for production purposes at large scale and advocating for it to scale up.



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ICKO IBEN MULTIDISCIPLINARY COMMUNICATIONS AWARD

This award recognizes persons who have made outstanding contributions in promoting communication among the various disciplines concerned with water resources issues.

AWARD CRITERIA

Established in 1971, this award recognize persons who have made outstanding contributions in promoting communication among the various disciplines concerned with water resources issues. It honors the late Dr. Icko Iben, a co-founder of AWRA, who during his life contributed extensively toward improving the understanding and communication among those involved in the diverse disciplines related to water resources.

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GE SUN

ICKO IBEN MULTIDISCIPLINARY COMMUNICATIONS AWARD RECIPIENT

Dr. Ge Sun is a Research Hydrologist and Director with the Eastern Forest Environmental Threat Assessment Center, USDA Forest Service Southern Research Station, and Adjunct Professor at North Carolina State University in Raleigh, NC. Over the past 25 years, he has conducted forest hydrological research on various ecosystems, from Florida's cypress swamps in the humid southeastern U.S. to northern China's Loess Plateau dry lands. His current research focus is on regional and national assessments of climate change, forest management, wildland fires, and land use change impacts on water quantity and quality using eddy flux towers, paired watersheds, and integrated simulation models. Dr. Sun's research has been featured in national and international media.

Dr. Sun served as associate editor and edited more than ten special issues for several hydrology and ecology journals including Journal of American Water Resources Association (2008-2016), Forests (2016-), and Ecological Processes (2016-). He was Co-Chair of the organization committee for the 2013 AWRA International Symposium of Water for Megacities, Beijing, China. Dr. Sun was the co-founder of the US-China Carbon Consortium that conducts research on the impacts of climate change and land management on carbon and water resources. Currently, Dr. Sun serves as Coordinator for the 'Hydrologic Processes and Watershed Management' working group of the International Union for Forest Research Organization (IUFRO). He served as forestry expert of the Forest Service International Program mission in Asia, Africa, and Mexico. He received several distinguished awards from various agencies, including Fellow of the American Water Resources Association (2015) and the US Forest Service Chief's Distinguished Science Awards (2017). He received a PhD in Forest Hydrology and Watershed Management from the University of Florida (1995).



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INTEGRATED WATER RESOURCES MANAGEMENT AWARD

The Integrated Water Resources Management (IWRM) approach has been a hallmark of AWRA since its establishment in 1964. The AWRA Policy Statement on Integrated Water Resources Management in the U.S. recommends that water management goals, policies, programs, and plans be organized around the concept. AWRA is committed to helping organizations throughout the nation and the world further the implementation of IWRM to recognize excellence in the use of the IWRM approach, AWRA established an award to recognize outstanding IWRM efforts.

AWARD CRITERIA

This award recognizes outstanding IWRM teamwork on a complex water resources effort. The project chosen for this award will be conducted by a team representing multiple disciplines such as engineering, biophysical science, economics, social science, law, planning, political science, etc. The project team will have developed a common project mission with defined responsibilities, and collaborated to achieve a water resources management objective organized around IWRM principles.

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LARRY WEBER

INTEGRATED WATER RESOURCES MANAGEMENT AWARD RECIPIENT

Larry Weber is a professor of civil and environmental engineering and holds the Edwin B. Green Chair in Hydraulics. With Director Witold Krajewski, he helped create the IFC and continues to be active in its development through work with the Iowa Legislature. He has also been active in IFC programs for statewide floodplain mapping and watershed projects for flood damage reduction, including the \$97M Iowa Watershed Approach. As a service to the state of Iowa, Larry is a member of the Water Resources Coordinating Council and participate on numerous state and federal agency committees related to water resources planning. He frequently presents to community groups on water resources-related topics. Larry is a native Iowan and enjoys outdoor activities, including fishing, hunting, and woodland restoration and conservation work.

The IWA is a vision for Iowa's future that voluntarily engages stakeholders throughout the watershed to achieve common goals, while moving toward a more resilient state. The program brings together local, state, and federal partners and empowers them with science-based information to develop long-term watershed management goals and guide strategic conservation practice implementation efforts. It is a replicable model for other communities where the landscape has lost its natural resilience to floods. This program is not only about Iowans helping Iowans, but also about demonstrating Iowans' commitment to agricultural stewardship, to the environment, to their neighbors, and to the future. The goals of the IWA include the following:

- Reduction of flood risk;
- Improvement in water quality;
- Increased resilience;
- Engagement of stakeholders through collaboration, outreach, and education;
- Improved quality of life and health for Iowans; and development of a replicable program.



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KENNETH J. LANFEAR AWARD FOR OUTSTANDING TECHNOLOGY PAPER IN JAWRA

The Kenneth J. Lanfear Award was established by AWRA in 2020 to recognize the author(s) of an outstanding technology-related paper published in the Journal of the American Water Resources Association (JAWRA) during the previous year. The award was established to honor Ken Lanfear's distinguished contributions to the field of water resources technology and the success of JAWRA. For many years, Ken led cutting edge water resources technology systems at the U.S. Geological Survey (including the use of GIS and posting real-time streamflow data). He also served as President of AWRA (2002), and as Editor-in-Chief of JAWRA (2006 – 2014). Papers that demonstrate the skillful use of technology, including GIS, field techniques and instrumentation, or remote sensing to address the understanding of complex multidisciplinary water resources issues are eligible for the award.

Applications are not accepted for this award as the recipient is selected by the JAWRA Editorial Board.

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JAWRA-19-0133-P.R1

TITLE: APPLICATION OF A NEW SPECIES-RICHNESS BASED FLOW ECOLOGY FRAMEWORK FOR ASSESSING FLOW REDUCTION EFFECTS ON AQUATIC COMMUNITIES

AUTHORS: JENNIFER L. RAPP, ROBERT BURGHOLZER, JOSEPH KLEINER, DURELLE SCOTT, ELAINA M. PASSERO

KENNETH J. LANFEAR AWARD FOR OUTSTANDING TECHNOLOGY PAPER IN JAWRA AWARD RECIPIENTS

Water-resources managers are challenged with maintaining a balance among beneficial uses throughout river networks and need robust means of assessing potential risks to aquatic life resulting from flow alterations. This study generated ecological limit functions from species-streamflow relations to quantify potential fish richness response to flow alteration and compared results to currently accepted streamflow management guidelines. Modeled responses of absolute richness change were watershed specific and varied among sample sets derived from hydrologic unit classifications of different sizes (large HUC 6 basins to regional scale HUC 8) . With a 20% flow reduction, 10% of HUC 8 predicted a richness decrease in one or more taxa. While absolute richness change was consistent across streams within a HUC, percent richness change was stream size dependent. Comparisons with Instream Flow Incremental Methodology habitat models predicted habitat loss greater than percent richness change; however, predictions for habitat and richness decreased similarly as stream size decreased. Watershed-specific responses from flow reductions could allow water-resources management decisions to be made locally based on the predicted richness change for certain sized streams. Quantitative results highlight the utility of a richness-based framework for generating watershed-specific risk assessments that validate and inform currently employed water-resources management practices.





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AWRA 2021 AWARDS

N. EARL SPANGENBERG OUTSTANDING STUDENT CHAPTER AWARD

This award is given each year to recognize an AWRA Student Chapter that has provided outstanding service in the furtherance of the Association's objectives:

- The advancement of water resources research, planning, development, management, and education.
- The establishment of a common meeting ground for physical, biological, and social scientists, engineers, and other persons concerned with water resources.
- The collection, organization, and dissemination of ideas and information in the field of water resources science and technology.

AWARD CRITERIA

- The award is based on activities in furtherance of the Association's objectives listed above, during an academic year rather than a calendar year.
- Regularly scheduled meetings to advance water resources knowledge, especially through presentations by invited speakers or by students on their research.
- Special and unique activities that contribute to the students' educational program.

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VIRGINIA TECH

N. EARL SPANGENBERG OUTSTANDING STUDENT CHAPTER AWARD RECIPIENT

The American Water Resources Association Student Chapter at Virginia Tech (AWRA at VT) has overcome unique challenges in the past academic year in order to become a revitalized and exceptionally active organization. All but two members of the 2019-2020 AWRA at VT organization graduated from Virginia Tech in the Spring of 2020, leaving the organization with a shadow of its former structure and administrative capacity. Compounded with the severe impacts from the COVID-19 pandemic (severely limited in-person recruiting and events), normal organizational activities grinded to a halt before entering the Fall 2020 semester.

The organization initiated an intense focus on recruiting through the utilization of new virtual recruiting strategies. Part of this recruitment strategy included a makeover of our online presence. The AWRA at VT logo, website, and social media accounts were all redesigned at the beginning of the semester. Virtual events, word of mouth, and brief presentations in online classrooms (for introductory courses) boosted membership in AWRA at VT to around 14 active members, with half participating in planning and administration while serving on the executive board. Our extremely interdisciplinary membership includes undergraduate students studying material science, biochemistry, dairy science, engineering, environmental resource management, water resources, and more. The diversity of educational backgrounds made significant contributions to our understanding of water resources from an interdisciplinary perspective.





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OUTSTANDING STATE SECTION AWARD

This award is given each year at the AWRA Annual Water Resources Conference in recognition of a State Section that has provided outstanding service in the furtherance of the Association's objectives:

- The advancement of water resources research, planning, development, management, and education.
- The establishment of a common meeting ground for physical, biological, and social scientists, engineers, and other persons concerned with water resources.
- The collection, organization, and dissemination of ideas and information in the field of water resources science and technology

AWARD CRITERIA

- The contribution of the Section to an understanding of the state's water resources issues through regularly scheduled meetings with significant participation by the membership and other resources professionals, and through publication or other related activities.
- The size of the Section's membership, the increase in membership, and the number of national members in the section.
- Other meritorious activities, such as presentation of awards to outstanding individuals for contributions concerned with water resources, provision of scholarships for students, especially those active in AWRA Student Chapters; support for K-12 STEM, such as participation in school science fairs, and Girl Scout/Boy Scout educational opportunities.
- The impact of the section on the examination of state water resources issues through cooperation with other organizations in water resources.

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COLORADO STATE SECTION

OUTSTANDING STATE SECTION AWARD RECIPIENT

The past year has brought with it numerous challenges as we all adapted to a more virtual environment amid the COVID-19 pandemic. Despite the difficult circumstances, our state section has adapted and overcome these obstacles in unapologetic pursuit of our values and objectives. Actions taken this year by the Colorado State Section that highlight these objectives include:

- Awarded five Richard A. Herbert Memorial Scholarships totaling \$10,000 in fall 2020 to MS and PhD candidates pursuing water resources research at a Colorado college or university.
- Hosted two Annual Symposiums*, one in Fall 2020 and one in Spring 2021, due to the adaptation to a virtual environment, featuring over 40 total presentations with content including technological advancement demonstrations, collaborative panel discussions, and scholarship award recipients presenting their research.
- Coordinated and produced programming content involving collaboration of multiple state sections* for usage and dissemination among the Colorado, Washington, Montana, and Idaho State Sections of AWRA. Coordination amongst participating State Sections occurred via quarterly State Section calls hosted by AWRA National.
- Hosted two Student Networking Events* involving a panel discussion and career development networking sessions for students at Colorado colleges and universities in accordance with growing student participation in annual symposiums.
- Hosted six Monthly Luncheon Talks* featuring updates on Colorado's legislative sessions, water quality initiatives being undertaken by water providers and ecological experts, water quality monitoring for COVID-19 detection, and new technologies publicly available for water professionals.
- Held an annual Holiday Party for members*

*Events held virtually.



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THE WILLIAM C. ACKERMANN MEDAL FOR EXCELLENCE IN WATER MANAGEMENT

Given annually, or at such time as qualified candidates are identified and nominated, this award goes to an individual who has achieved a status of eminence in the design and/or implementation of exemplary water management practices at the state, regional, or local government level. Particular consideration is given to those who have put into operation nontraditional practices for managing water resources.

AWARD CRITERIA

The person chosen for this award must have compiled a distinguished record of developing and/or implementing state-of-the-art water management strategies for application at the state, regional, or local government level. Written documentation must support a sustained performance in water management and the exercise of innovative and imaginative water management skills. The individual selected may have demonstrated these talents while associated with:

1. a regional;
2. a state, or local government agency;
3. a regional, state, or local governing body;
4. commission or committee;
5. a water-related organization;
6. an appropriate interest group; or
7. any combination of these.

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JESUS REYES



LAURA M. NORMAN

THE WILLIAM C. ACKERMANN MEDAL FOR EXCELLENCE IN WATER MANAGEMENT CO-RECIPIENTS

Jesus Reyes joined the El Paso County Water Improvement District No. 1 as a member of the Board of Directors in 2000 and has served as the General Manager since 2003. His leadership brought significant impacts on water resources management for the region, including spearheading the negotiation of contracts and agreements with federal, state, and local entities, developing more sustainable revenues for District operations and water conservation initiatives, and ensuring the continued delivery of irrigation water to agricultural users even in prolonged and near drought-of record conditions. He also serves as Chairman of the Region E Far West Texas Water Planning Group and served as the President (2015-2017) of the Texas Irrigation Council. He was awarded the Blue Legacy Award in Agriculture by the Water Conservation Advisory Council in 2019.

Dr. Laura M. Norman is a research scientist and principal investigator in the Land Change Science Program at the Western Geographic Science Center of the U.S. Geological Survey. She has conducted international research for decades, exploring proactive management solutions, advantageous to shared environments via complex models that describe sediment transport and geomorphology, land use change and urban sprawl, watershed restoration, hydrologic response, hydraulics, and two-dimensional flow. Her research is focused on transboundary watersheds of the US-Mexico border and Tribal lands, where environmental and socioeconomic stressors disproportionately affect human health, well-being, and quality of life. In September 2021, she was selected by the U.S. Department of State as a Climate Embassy Science Fellow to work with partners from the Mexican Consulate and Municipal to reduce vulnerability and increase local capacity to respond to flooding and drought.



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AWRA 2021 AWARDS

WILLIAM R. "RANDY" BOGGESS AWARD

The Boggess Award was established by AWRA in 1973 to honor the author of the best paper published in the Journal of the American Water Resources Association during the previous year. The award was established to honor William R. "Randy" Boggess, a charter member of AWRA, one of the first directors, a past president of the association, a former editor, and an individual who has made significant contributions to the Journal of the American Water Resources Association.

Applications are not accepted for this award as the recipient is selected by the JAWRA Editorial Board.

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JAWRA-19-0024-P.R2

TITLE: AN EXPERIMENT IN
MAKING WATER AFFORDABLE:
PHILADELPHIA'S TIERED
ASSISTANCE PROGRAM (TAP)

AUTHORS: ELIZABETH A. MACK,
SARAH WRASE, JOANNE DAHME,
SUSAN M. CROSBY, MARTHA
DAVIS, MELODY WRIGHT,
RAVONNE MUHAMMAD

WILLIAM R. "RANDY" BOGGESS AWARD RECIPIENTS

The ability to pay for water and wastewater services is a growing issue in the developed world. To this point in time, utilities have helped customers grappling with affordability issues using different types of customer assistance programs (CAPs). Income-based billing approaches differ from CAPs in that bills are structured so as to be affordable for customers at the outset. Recently, the City of Philadelphia implemented an innovative program to work towards resolving the affordability problem in their city using income-based billing. This tiered assistance program or TAP structures bills for water, wastewater, and stormwater services to program enrollees' income. Given the innovative nature of the program, this paper describes the rollout of TAP and assesses the impact of the program on customers and utility revenues. The paper closes with a critical assessment of TAP and considerations for utilities evaluating the implementation of similar programs.



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AWRA 2021 AWARDS

RICHARD A. HERBERT MEMORIAL SCHOLARSHIPS

In 1980, AWRA established the Endowment-Memorial Fund to be used for the enhancement of education in water resources. The fund has since been renamed the Richard A. Herbert Memorial Educational Fund to honor Richard A. Herbert -- a champion for water resources education -- who passed away in 1994. In order to carry out his vision, AWRA is proud to announce the availability of scholarships derived from the proceeds of this fund.

Applicants must be an AWRA member and must be enrolled full-time for the full 2021-2022 academic year (Fall/Spring semesters or Fall/Winter/Spring quarters). At least one \$2,000 scholarship will be awarded to a full-time undergraduate student working toward his/her first undergraduate degree, and at least one \$2,000 scholarship will also be awarded to a full-time graduate student enrolled in a program relating to water resources.

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RICHARD A. HERBERT MEMORIAL SCHOLARSHIPS RECIPIENTS

Graduate Recipients | PhD

Winner: Yulin Zheng

University of Florida

PhD Candidate, Agricultural and Biological Engineering

Runner-up: Kyle Proctor

Oregon State University

PhD Candidate, Water Resources Engineering

Graduate Recipients | Masters

Winner: Lukman Fashina

East Tennessee State University

Master of Science, Geosciences

Runner-up: Daniel Sanchez

Colorado State University

Master of Science, Civil Engineering

Undergraduate Recipient | Bachelors

Winner: Jacob E Shemer

Virginia Polytechnic University

Bachelor of Science, Water: Policy, Resources, and
Managemen



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AWRA 2021 LEADERSHIP DEVELOPMENT & RECOGNITION COMMITTEE

The Leadership Development and Recognition Committee reviews all applications for multiple AWRA's annual awards and recommends award recipients to the Board of Directors. This committee also annually identifies and recommends candidates for elections to the AWRA's Board of Directors.

LISA BEUTLER
STANTEC CONSULTING SERVICE, INC.

ALLISON LEWIS
JACOBS

KIM SWAN
CLACKAMAS RIVER WATER PROVIDERS

ZHENXING (JASON) ZHANG
ILLINOIS STATE WATER SURVEY

AWRA STAFF LIAISONS

BRIDGET MARQUISE
MEMBERSHIP SERVICES MANAGER

DRESDEN FARRAND, MPA, MPP, CAE
CHIEF EXECUTIVE OFFICER

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