

National Water Research Institute

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NWRI Fellowship Application Deadline - April 1, 2010

Applications are now being accepted for graduate fellowship funding for the 2010/2011 academic year. The deadline for fellowship applications is April 1, 2010.

NWRI will offer the following fellowships to graduate students (Masters or Ph.D.) at U.S. universities conducting research in the areas of water resources, treatment, and policy:

- **NWRI Fellowships** (up to \$5,000 a year for 1-2 years). Research must pertain to NWRI's mission, which is to create new sources of water through research and technology and to protect the freshwater and marine environments.
- **Ronald B. Linsky Fellowship for Outstanding Water Research** (one fellowship of \$10,000 a year for 2 years). Applicants must write an additional 1-page essay detailing their technical capabilities, interest in other fields beside the one they are studying, career goals, and where they hope to take their technical expertise and vision in the future.
- **NWRI-AMTA Fellowships for Membrane Technology** (two fellowships of \$10,000 a year for 2 years). Research must pertain to the advancement of membrane technologies in the water, wastewater, or water reuse industries. Funding is provided by the American Membrane Technology Association (AMTA).
- **NWRI-Southern California Salinity Coalition Fellowship** (one fellowship of \$10,000 a year for 2 years). Research must address the critical need to remove or reduce salts from water supplies and to preserve water resources in Southern California. This fellowship, which is funded by the Southern California Salinity Coalition, is limited to students at Southern California universities/colleges.

Additional information about Fellowships, including application procedures and commonly asked questions, are available at www.nwri-usa.org/fellowship.htm.

NWRI's Fellowship Program is underwritten by:

- The Joan Irvine Smith & Athalie R. Clarke Foundation.
- NWRI Member Agencies, which include Inland Empire Utilities Agency, Irvine Ranch Water District, Los Angeles Department of Water and Power, Orange County

Sanitation District, Orange County Sanitation District, and West Basin Municipal Water District.

- NWRI Corporate Associates, including Black & Veatch, Carollo, CDM, CH2M Hill, Kennedy/Jenks Consultants, Malcolm Pirnie, Inc., MWH, and United Water - Suez.
- NWRI Community Partners, including the American Membrane Technology Association and Southern California Salinity Coalition.

NWRI is grateful for the support provide by these partners.

Summary Available from Salinity Management Plan Implementation Workshop, San Diego Region

A workshop summary from the “SCSC Salinity Management Plan Implementation Workshop” held on October 6, 2009, in San Diego, CA, is now available to download.

The purpose of the workshop was to:

- Discuss the benefits of water and recycled water agency involvement in salt/nutrient management planning in the San Diego region.
- Discuss a proposed regional approach for supporting the development of salt/nutrient management plans within the region.
- Identify required follow-up actions to refine and implement the selected approach.

Sponsors of the workshop included San Diego County Water Authority; Regional Water Quality Board, San Diego Region; and Southern California Salinity Coalition (SCSC).

The 27-page summary includes a workshop overview, discussion of presentations, stakeholder input, and next steps. Major issues addressed include: developing salt and nutrient management plans, basin plan water quality standards, developing new water supplies, and motivation for participating.

The workshop summary can be downloaded at www.socalsalinity.org.

SCSC was founded in 2002 by a group of Southern California water and wastewater agencies to better manage salinity in our water supplies. SCSC's member agencies include the Eastern Municipal Water District, Inland Empire Utilities Agency, Metropolitan Water District of Southern California, Orange County Sanitation District, Orange County Water District, San Diego County Water Authority, Sanitation Districts of Los Angeles County, Santa Ana Project Watershed Authority, and West Basin Municipal Water District. NWRI administers SCSC on behalf of its members.

Building Real Confidence with the Consumer Confidence Report

The time for water utilities to produce the Consumer Confidence Report (CCR) is fast approaching. Since utilities are required to create this document to inform the public, it makes sense to ensure that it actually builds public confidence.

In a regulated industry, it is easy to assume that compliance with regulations is enough to meet customers' needs and create confidence. Compliance is important, but regulations only set a standard. People intuitively understand that someone must ensure the water is safe and reliable

every day of the year. Consistently high-quality water is not necessarily determined by where it comes from, but from appropriate investment and diligence of the municipal water utility.

The Utility Branding Network's CCR Checklist, called "Using the Consumer Confidence Report to Build a Positive Brand," provides overall advice and a checklist for establishing the water utility as the "source of quality." Applying these principles will help increase the CCR's effectiveness in building public trust in the utility, as well as confidence in the water.

The CCR Checklist is available to download at www.utilitybranding.net.

The Utility Branding Network for water and wastewater agencies is committed to helping utilities better understand branding principles and to help them build a strong brand with their communities. A strong brand increases trust, support, and investment. If you are not yet a member of the Network, or just want more information, please contact John Ruetten at john@utilitybranding.net or Jeff Mosher at jeff@utilitybranding.net. The Network is administered by NWRI.

Call for Nominations – NWRI Clarke Prize for Excellence in Water Research

NWRI is pleased to begin the nomination process for the Seventeenth Annual Athalie Richardson Irvine Clarke Prize for excellence in water research.

NWRI established the Clarke Prize in 1993 to award outstanding individuals who are significantly contributing toward any of the following areas: the discovery, development, improvement, and/or understanding of the issues associated with water quality, quantity, technology, or public policy.

Nominations for the 2010 Clarke Prize are due by **March 1, 2010**.

Additional information about the Clarke Prize, including nomination procedures, may be found at www.nwri-usa.org/nominations.htm.

Upcoming Events

Southwest Membrane Operator Association's 2010 Annual Symposium (February 2010)

The Southwest Membrane Operator Association (SWMOA) will hold its 2010 Annual Symposium on Feb. 22-25, 2010, at the Carefree Resort & Villas in Carefree, Arizona.

Topics include:

- Concentrate Disposal
- Start-Up Issues/Resolutions
- New Treatment Processes and Innovations
- System Optimization

Attendees who complete the 2-1/2 day program will qualify for 20 Contact Hours for Water approved by the States of AZ, CA, NM, and NV.

Please visit www.swmoa.org for more information or to register online.

International Symposium on Membrane Biofouling: Science and Solutions (April 2010)

The first "International Symposium on Membrane Biofouling: Science and Solutions" will be held April 28-30, 2010, in Old Bisbee, Arizona, to examine the fundamental nature of membrane biofouling and identify effective new strategies for its control.

Biological fouling of membranes is perhaps the most serious and widely occurring form of fouling, as well as being the least well understood in terms of causation, mechanisms, and remedies.

Symposium sponsors include: AquaMem Scientific Consultants, Malcolm Pirnie, Wetsus, and NWRI.

For more information, please visit www.ismb-2010.com.

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