



# Currents

October 2017

## Oklahoma Governor’s Water Conference & Research Symposium Updates



Dr. Todd Halihan

Data on the hydrologic cycle suggests we are developing water incorrectly for two basic reasons, according to Dr. Halihan, Professor of Hydrogeophysics at Oklahoma State University and 2018 McEllhiney lecturer. Dr. Halihan will present a framework to improve our water resources decision-making on November 1.

Abstracts for all presentations to be given at the 2017 Research Symposium are posted at <http://water.okstate.edu/activities/symposium/2017-symposium> Read about the variety of research being conducted around the state and plan your Symposium.

The Oklahoma Water Resources Board will host Oklahoma Governor Mary Fallin; Seth Siegel, Author of *Let There Be Water*; and Layne Carter of the NASA Marshall Space Flight Center.

## Investing in Our Institutional “Water Infrastructure”



The Oklahoma Water Resources Center is seeking a **Research Specialist** to assist with development, implementation, and administration of projects and programs addressing critical water issues in Oklahoma and beyond. The successful applicant will be a motivated individual interested in exploring opportunities for growth within this new position. View the announcement here.



Oklahoma State University is also seeking an **Assistant Professor / Water Resource Engineer** to develop a research program addressing priority water resource issues in Oklahoma and the region. Teaching responsibilities include graduate and undergraduate courses in Biosystems Engineering.

[Visit our Job Board.](#)

### Student Section

THIRTY-EIGHTH ANNUAL OKLAHOMA GOVERNOR’S WATER CONFERENCE AND RESEARCH SYMPOSIUM

THE VALUE OF WATER INVESTMENT IN OKLAHOMA

OCT 31-NOV 1, 2017 EMBASSY SUITES, NORMAN

LIQUID ASSETS

Twenty-two students from **Oklahoma State University**, the **University of Oklahoma**, and the **University of Tulsa** will be presenting at the 2017 Water Research Symposium.

If you haven’t made plans to attend, it’s not too late. \$45/day grants you access to ALL the sessions, lunch, and the networking opportunities at the reception (on Halloween night).

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Find out more on our [Water Research Symposium page.](#)

## Opportunities

### Funding

- The Water Environment and Reuse Foundation (due 10/18/17)
- USFWS: NAWCA FY18 Small Grants Program (due 10/19/17)
- NSF: Environmental Sustainability (due 10/20/17)
- NSF: Environmental Engineering (due 10/20/17)
- NSF/NSFC Joint Research on Environmental Sustainability Challenges (due 10/20/17)
- NSF: Paleo Perspectives on Climate Change (due 10/20/17)
- NSF: Environmental Chemical Sciences (due 10/31/17)
- NSF/USDA/NIH: Ecology and Evolution of Infectious Diseases (due 11/15/17)
- Organic Farming Research Foundation Research Grants (due 12/15/17)
- [\[more info\]](#)

### Events

- **Oklahoma Governor's Water Conference & Research Symposium** (Norman; 10/31-11/1)
- **Oklahoma Grows Conference + Trade Show** (Thackerville; 11/8-9)
- **Oklahoma Onsite Wastewater Conference** (Stillwater; 12/19)
- **Oklahoma Natural Resources Conference** (Tulsa; 2/21-23)
- [\[more info\]](#)

### Employment

- **OSU**, Research Specialist with the Oklahoma Water Resources Center
- **OSU**, Assistant Professor/Water Resource Engineer
- **OU**, Geography and Environmental Sustainability Postdoctoral Researcher Position
- [\[more info\]](#)

## Other Resources



The [Oklahoma Water Calculator](#) can help you estimate your water bill, daily water use, and most importantly, your savings.

A new video is added on our [Videos page](#).

Dr. Lou Anella demonstrates the gardens' High Tech Sprinkler Head.

Pretty amazing!



## Thomas E. Berry Faculty Fellows Add to Our Knowledge and Quality of Life



**Cheryl Newberry**, in her *Youth Water Education and Water Fairs* project, conducted in-services in all four Cooperative Extension districts, providing supplies for them to conduct youth water education programming.

**Francisco Ochoa-Corona's** project *Field Deployable Water Filtration System with Bioinformatics and Pyrosequencing for Effective Monitoring and Survey of Water-Borne Viruses* contributed new molecular detection methods for three major waterborne plant virus genera.

**Jason Warren**, in his *On-Farm Subsurface Drip Irrigation* project, learned that the source of irrigation water plays an important role in how water is applied.

**Glenn Brown's** final report for *The Application of Fly Ash to Treat Storm Water around Poultry Houses* is pending.

[\(Read the full reports here.\)](#)

### Oklahoma Water Resources Center

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