



Oklahoma Water
Resources Center

Currents

October 2016

Berry Fellows Named

Congratulations to the 2016-2018 Berry Fellows!

1. **Dr. Tyson Ochsner**, Associate Professor of Applied Soil Physics and Sarkeys Distinguished Professor in the department of Plant and Soil Sciences will research *Improved seasonal streamflow forecasts to inform surface water management in Oklahoma.*
2. **Dr. Jason Vogel**, Associate Professor and Stormwater Specialist in the department of Biosystems and Agricultural Engineering, will conduct research on his project, *Using Oklahoma-sourced Biochar for Removal of Pesticides in Runoff.*

As a Berry Fellow, these researchers will provide research, Extension, and/or teaching programs and products to further the mission of the Water Center.

They will each receive \$10,000 per year for two years to conduct their projects. Funding for this program was made possible through donations by **Bill** and Malinda Fischer.

Oklahoma has its own Onsite Wastewater Treatment Training Facility!

Located within the OSU Botanic Garden in Stillwater, Oklahoma, the training facility will be used in education programs designed for various stakeholders. The goal is to maximize the use of the facility in courses or modules designed for system installers, soil profilers, state regulators, sanitarians, extension educators, students and homeowners, among others.



[\[Read more about this and other demonstration sites at OSU.\]](#)

Opportunities

Funding

- **USBoR Challenge:** Preventing Rodent Burrows in Earthen Embankments (due 10/11/16)
- **NSF: Environmental Engineering** (due 10/20/16)
- **NSF: Environmental Sustainability** (due 10/20/16)
- **NSF: Environmental Chemical Sciences** (due 10/31/16)
- [\[more info\]](#)

Events

- EPA Region 6 Stormwater Conference (Oklahoma City, OK; 10/2-6)
- **2016 Governor's Water Conference and Research Symposium** (Norman; 10/11-12)
- Potable Reuse Summit (Skirvin in OKC; 10/17-18)
- ESGP Seminar: Water quality standards for indirect potable reuse in OK (Stillwater; 10/19)
- Oka' Institute Sustainability Conference (Ada; 10/26-27)
- 2016 AGI Critical Issues Forum: ... High Plains Aquifer (Golden, CO; 10/27-28)
- ESGP Seminar: Constructed Treatment Wetlands (Stillwater; 10/19)
- On-site Wastewater Treatment Conference
- American Water Resources Association (Orlando, FL; 11/13-17)
- Global Horticultural Conference (Stillwater; 11/17)
- Southern Division of the American Fisheries Society Annual Meeting (OKC; 2/2-5/2017)
- [\[more info\]](#)

Just For Students

- **Student Affiliate Program**
 - We are so pleased to see the level of interest in our new Student Affiliate (StAff) Program.
 - We cannot wait to start collaborating with our StAff candidates and see their ideas come to life! Candidates for the 2016-2017 school year are listed below:
 - Bailey Baskin
 - Bradley Battershell
 - Sheyda Chamaki
 - Haunyun Duan
 - Holly Enlow
 - Christian Ley
 - Abubakarr Mansaray
 - Alex McLemore
 - John McMaine
 - Janayah Murray
 - Abigail Parnell
 - Andrew Rodriguez
 - Adrian Saenz
 - Ricki Schroeder
 - Yan Zhou

Other Resources

- New and revised fact sheets:
 - AGECE-1062 Algal Blooms in Oklahoma: Lake Warnings
 - AGECE-1063 Algal Blooms in Oklahoma: Economic Impacts
 - AGECE-1064 State Question 777: A Proposed Constitutional Amendment
 - ANSI-3953 “*E. coli*: An Overview”
 - ANSI-8218 Mortality Management Options During an Avian Influenza Outbreak
 - BAE-1532 Agricultural Irrigation with Reclaimed Water: Oklahoma Regulation
 - PSS-2401 Classification of Irrigation Water Quality
 - PSS-2407 Septic System Basics for Home Builders
 - PSS-2408 Septic System Basics for Realtors
 - PSS-2901 Procedures Used by OSU Soil, Water and Forage Analytical Laboratory
 - Find these and more [in our library](#).
- New publications are available at on our [Publications page](#).
 - Mittelstet, A.R. and D.E. Storm, 2016. *Quantifying Legacy Phosphorus Using a Mass Balance Approach and Uncertainty Analysis*. Journal of the American Water Resources Association (JAWRA) 1–14. DOI: 10.1111/1752-1688.12453.
 - Vogel, Jason R.; Moore, Trisha L. 2016. *Urban Stormwater Characterization, Control, and Treatment*. Water Environment Research, 2016 Literature Review, pp. 1918-1950(33).
- New videos are posted on our [Videos page](#).
 - *What is Blue-Green Algae?*
 - *Calculate Correct Amounts of Fertilizer*
 - *Proper Use of Organic Fertilizer*
 - *Interpreting the Soil Test Report*
 - *Installing a Drip Irrigation Kit*
- *Final presentations of the 2015 104b projects are posted [here](#).*

Oklahoma Water Resources Center

Oklahoma State University | 139 Agricultural Hall | Stillwater, OK
<http://water.okstate.edu> | 405.744.5615 | water@okstate.edu

