



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**

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The [Water Resources Research Center](#) - a research and [Extension](#) unit of the [College of Agriculture and Life Sciences](#)

In this issue: [Jean McLain](#) / [TAAP](#) / [APW](#) / [Imagine](#) / [Partnership](#)



Jean McLain Receives Fellowship in the RSA

In early September, WRRC Scientist Jean McLain was awarded a fellowship in the London-based Royal Society for the Encouragement of Arts, Manufactures, and Commerce (RSA) - a society of more than 20,000 professionals representing more than 90 countries. Dr. McLain was nominated for a fellowship following her July, 2018 presentation at the University of York - upon hearing about her research in antibiotic resistance, her sponsor felt that Dr. McLain's work supported the RSA mission of "21st Century Enlightenment." For over 260 years, the RSA has influenced British public policy across the political spectrum, through sponsoring public events and engaging in research.

Please join us in congratulating Dr. McLain on this admirable achievement!

SAVE
the
DATE

FEB. 1
2019

WRRC CONFERENCE
ARIZONA RUNS ON WATER™
SCARCITY, CHALLENGES, AND
COMMUNITY-BASED SOLUTIONS
BLACK CANYON CONFERENCE
CENTER | PHOENIX, ARIZONA

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WRRC EVENTS

WRRC Brown Bag - How Beer Can Save Rivers

November 8, 2018

Speaker: Chase Saraiva, *Head Brewer*, Arizona Wilderness Brewing Company

Time/Location:

12:00 p.m. - 1:15 p.m./Sol Resnick Conference Rm.,
350 N. Campbell Ave., Tucson



Water, such a vital component to our lives and the environment around us, is also the main ingredient in beer. As we dive into what it takes to make beer and the role water has in this fermented beverage we'll also investigate some creative ways we are able to conserve water inside the brewery and out. From involvement with local farmers, a maltster, and a charitable environmental organization to working with recycled wastewater, all it takes is an idea, a conversation, and little creativity to make an impact.



If you cannot get to the WRRC on November 8, you can join us [here](#).

Other Upcoming Fall Brown Bags

- **November 14** Greg Barron-Gafford, Associate Professor, UA School of Geography and Development

OTHER EVENTS

2018 Tribal Water Summit

October 25-26, 2018

Time/Location: October 25, 9:00 a.m. - October 26,
1:00 p.m. / Wild Horse Pass Casino and Events Center,
Chandler, AZ



All those interested in Tribal water management are encouraged to attend the Gila River Indian Community's two-day Tribal Water Summit, focused on developing Tribal water management programs and federal policy concerning Tribal water. Special panels and sessions will explore important topics including case studies of Tribes working creatively within their watersheds, development of Tribal water resource departments, implementation of water settlements, and protection of Tribal water rights.



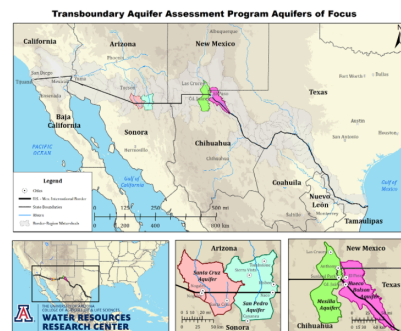
Please register by September 30th, 2018.

[Register Here](#)

WRRC NEWS

New Article on Transboundary Aquifer Assessment Program Published

Groundwater, the "invisible water," is difficult to assess, manage and govern for many reasons, mostly due to the unknown quantities of the resource. Political boundaries dividing groundwater aquifers make assessment even more challenging. Published in the *Journal of Hydrology: Regional Studies*, this article, written by James Callegary and Floyd Gray of the USGS; Sharon B. Megdal, Elia Tapia, and Jacob Petersen-Perlman of the WRRC; and Ismael Minjárez Sosa, Rogelio Monreal, and Francisco Grijalva Noriega of the University of Sonora; focuses on lessons learned from the hydrologic assessment of Arizona and Sonora's transboundary San Pedro and Santa Cruz aquifers through the Transboundary Aquifer Assessment Program (see [WRRC TAAP](#) page). The majority of the paper focuses on the findings and lessons learned from the integration of social-science perspectives into a largely physical-science based program, since there is a growing recognition of the need for this type of approach, particularly in the management and assessment of transboundary aquifers.



[Link to Article](#)

U of A Students Shine at 2018 AHS Symposium Awards Luncheon

For this year's Arizona Hydrological Society's Annual Symposium, several University of Arizona students were recognized for their hard work and academic accomplishments. Hydrology and Atmospheric Sciences students Rebecca Stolar (MS student) and Sheila Solis-Arroyo (BS student) received academic scholarships. Tiffani Cañez (BS student) received the Leonard Halpenny Intern-Scholarship, spending this summer working with Arizona Project WET, Tucson Water, Montgomery and Associates, and the USGS. Cañez gained experience in educational outreach, fieldwork, water-resource



From the left: Will Tintor, Sheila Solis-Arroyo, Jack Anderson, Tiffani Cañez, Rebecca Stolar, Victoria Hermosilla, and Andrew Daus

that in Flint, Michigan to occur, to coalesce our social and political networks and address our nation's water infrastructure gap.

To find out more about how you can participate, click [here](#).

Phoenix and SRP Expand Underground Water Storage Partnership



The Phoenix City Council recently approved a 10-year agreement with the Salt River Project (SRP) to shore up municipal water supplies in the face of continuing drought and shortages on the Colorado River. The agreement allows Phoenix to store unused portions of its annual Colorado River allocation. Coupled with an earlier water storage agreement with SRP, this agreement exemplifies the creative partnerships necessary to ensure adequate and reliable future water supply for the Valley. Prior to this agreement, Phoenix planned for water shortage emergencies by storing water allocations from the Colorado River underground in various locations across Arizona. The SRP partnership allows the City to store water much closer to home in two SRP owned-and-operated underground water storage facilities: the Granite Reef Underground Storage Project (GRUSP) and SRP's Groundwater Savings Facility. These facilities, with combined storage of 150,000 acre-feet per year, use large, porous, earthen basins to retain water, which seeps into natural aquifers to be stored and withdrawn via well-pumping when needed.

[SRP News Release](#)

ANNOUNCEMENTS

- [Current and Future Trends in Nutrient Monitoring - Free White Paper Available](#)
- [September 30 Western Water Summit - Super Early Bird Registration Ends](#)
- [September 30 Tribal Water Summit - Registration Ends](#)
- [September 30 Business H2O: Water Innovation Summit - Early Bird Registration Ends](#)
- [October 1 UCOWR/NIWR Call for Special Sessions - Deadline Extended](#)
- [October 5 Western Water Workshop Water Law & Policy 101 for young and beginning farmers - Registration Open](#)
- [October 10 PCRFD Monthly Brown Bag Series - Innovating the Urban Water System: Decentralized Approaches to Stormwater Mitigation](#)
- [October 11-12 Tribal Water Law Conference - Nationwide Perspectives on the Critical Demand for Water](#)
- [October 15-19 USCID International Conference on Irrigation and Drainage - Registration Open](#)

- [October 26 Arizona Water Protection Fund Grant - Application Public Comment Ends](#)
- [October 30 - 31 10th Annual Santa Cruz River Research Days - Registration Open](#)
- [October 31 Haury Program Fall 2018 Funding Opportunity - Now Open](#)
- [November 16 AWRA Spring Speciality Conference Call For Abstracts - Application Deadline](#)
- [December 6 Mine Water Management Symposium Scholarship - Applications Due](#)
- [December 10 Arizona Agribusiness Roundtable - Save the Date](#)

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