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## HONORS and AWARDS

**Robert Pierce**, Associate Extension Professor and State Fish and Wildlife Specialist was recently reappointed by Marshall Stewart, MU Vice Chancellor for Extension and Engagement, to serve another 2-year term on the Extension Technical Committee for the USDA North Central Regional Aquaculture Center representing the University of Missouri. The North Central Regional Aquaculture Center (NCRAC) is one of the five Regional Aquaculture Centers (RAC's) established by Congress and is an administrative unit that serves the twelve states in the North Central Region: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. The mission of the Regional Aquaculture Centers is to support aquaculture research, development, demonstration, and extension education to enhance viable and profitable U.S. aquaculture, which will benefit consumers, producers, service industries, and the American economy. The North Central Regional Aquaculture Center serves as a focal point to assess needs, establish priorities, and implement research and extension educational programs in the twelve state agricultural heartland of the United States. A cumulative list of all publications, manuscripts, papers presented, research and Extension projects as well as all funded NCRAC project areas can be accessed at: <http://ncrac.org> (Submitted by Robert Pierce.)

## PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS

A team of researchers from SNR, Physics, the USDA-ARS and collaborators at other universities are conducting a NASA funded project to study the land and atmospheric responses to the upcoming total solar eclipse. You can learn more about this research at:

<https://cafnr.missouri.edu/2017/08/equipped-for-the-eclipse/>

[http://missouri.edu/eclipse/handouts/MU%20eclipse%20K-12%20outreach\\_6\\_Wood%20team.pdf](http://missouri.edu/eclipse/handouts/MU%20eclipse%20K-12%20outreach_6_Wood%20team.pdf)

The team includes **Jeff Wood**, **Neil Fox**, **Pat Market**, John Sadler, Angela Speck, **Tony Lupo**, **Pat Guinan**, Scott Rochette and **Loren White**. (Submitted by Jeff Wood.)

The Oak Woodlands & Forests Fire Consortium (**Mike Stambaugh**, Chair; **Joe Marschall**, Coordinator) released the July edition of their quarterly newsletter, *IGNIS*. [CLICK HERE](#) to learn about FERST (Fire Ecology Research Station for Teaching), a high school science program in Tulsa, OK, that is igniting science-learning through hands-on fire ecology activities, a research brief on prescribed fire and soil erosion in southern Illinois, fire science at the Pine-Bluestem Buffalo Road Tour (Ouachita National Forest), upcoming regional fire-science events, and more! (Submitted by Joe Marschall.)



## EVENTS/MEETINGS/ANNOUNCEMENTS

**Call for Abstracts for the 2017 Great Plains Limnology Group at Mizzou, October 13 and 14, 2017** on the University of Missouri campus, Columbia. The MU Limnology Lab welcomes abstract submissions for the 2017 Great Plains Limnology Group meeting. We welcome presentations on all aspects of aquatic ecology including invertebrates and fish. Preliminary work and student presentations are encouraged. Based on abstracts received, we will arrange sessions composed of 15-20 minute presentations. If you would like to present at the meeting please send a Word document to the email address: [MULimnology@gmail.com](mailto:MULimnology@gmail.com) by Friday, September 15<sup>th</sup>. Please include:

1. Title, author list, and a 50 word (max) abstract of work you will be presenting at the meeting.
2. Indicate poster or oral presentation preference.
3. Indicate attendance for the Friday night social mixer and Saturday session.
4. Indicate if you are a new scientist and/or team leader and are interested in participating in a rapid round introductory session. We are planning on a 3-minute lightning presentations session to provide the opportunity for new scientists to the region to introduce themselves and become acquainted with established groups.
5. Provide 5 key words describing your research interests in general. These will be used for ice breaker activities at the social mixer.

The Center for Watershed Management and Water Quality in the College of Agriculture, Food and Natural Resources at the University of Missouri (<http://snr.missouri.edu/waterquality/about.php>) is sponsoring this event. Registration costs will be based on attendance - but will be <\$25/person. (Submitted by **Rebecca North**.)



## Mizzou Tech

# ROADSHOW and MIXER

### FEATURING BIOMEDICAL INNOVATIONS

Learn about scientific advances, "next-big-thing" technologies and game-changing licensing opportunities. Network with researchers, investors, entrepreneurs and university leaders. UMCA/SNR research team and collaborators presented their invention "A Novel Continuous Flow System for Blood Type Conversion" at the Mizzou Tech Roadshow and Mixer

Tuesday at St. Louis, Aug. 8, 2017. There were 6 teams selected cross the MU system to showcase their inventions. There were more than 100 participants, including MU leaders, investors, entrepreneurs, patent attorneys and researchers.

UMCA/SNR students, **Danh Vu** and **Ade Ayu Dewayani** received travel awards from PhytoScholars Program sponsored by the International Phytotechnology Society. They will present their findings at the 14th International Phytotechnologies Conference: New Sustainable Solutions for Environmental Challenges scheduled on September 25-29, 2017 Montreal, Canada.

1. Danh Vu - "Effectiveness of the Engineered Wetlands in Removing 85 Pharmaceuticals and Personal Care products in Municipal Wastewater"
2. Ade Ayu Dewayani - "Developing Bio-remediation Technology Using *Pseudomonas putida* and Poplar for Restoring the Petroleum Contaminated Sites"

UMCA/SNR students and scientists, **Jihyun Park**, **Danh Vu**, **Novianus Efrat**, **Phuc Vo**, **Van Ho**, and **Chung-Ho Lin** presented their findings at 56th Annual Meeting of the Phytochemistry Society of North America, August 5-9, 2017. Students Park, Vu, and Efrat received travel awards from Phytochemistry Society of North America.

1. Jihyun Park – "Identifying Bioactive Phytochemicals in Spent Coffee Grounds for Cosmetics Application Through Global Metabolite Analysis"
2. Danh Vu – "Identifying Health Promoting Phytochemicals in Black Walnuts (*Juglans nigra* L.)"
3. Novianus Efrat – "Identifying Bioactive Compounds from Switchgrass (*Panicum virgatum*) through Global Metabolite Profiling and High-Throughput Bioassay Screening"
4. Phuc Vo – "Exploring New Commercial Opportunities for Osage Orange"
5. Van Ho - Exploring health benefits of phytochemicals in black walnuts (*Juglans nigra* L.)"
6. Chung-Ho Lin – "Determine the Role of Bacteriophage for Diterpenoid-A Resistance in *Staphylococcus aureus*"

(Submitted by Chung-Ho Lin.)

## Explore the Outdoors: Columbia

August 12, 2017

The poster features a green silhouette of a city skyline at the top. On the left, the CFM logo is displayed with the text 'Conservation Federation of Missouri'. To the right, the text 'Explore the Outdoors: Columbia' is written in white and yellow. A small 'TIGER' logo is visible on the skyline. Below the skyline, the text 'Save the date for our Columbia Regional Event.' is written in white. A dark blue box contains the event details: 'When: August 12, 2017' and 'Where: Logboat Brewing Company'. Below this, it says 'Join CFM at Logboat for live music, games, raffles, and ice cold beer.' At the bottom, it says 'For information on sponsorship opportunities and to register, visit' followed by the website 'www.confedmo.org/columbia'.

Save the date for our Columbia Regional Event.

When: August 12, 2017

Where: Logboat Brewing Company

Join CFM at Logboat for live music, games, raffles, and ice cold beer.

For information on sponsorship opportunities and to register, visit

[www.confedmo.org/columbia](http://www.confedmo.org/columbia)

Join the Conservation Federation of Missouri (CFM) at Logboat Brewing Company in Columbia for live music, games, raffles, and good beer at our next Explore the Outdoors event. Event starts at 5 o'clock and runs until the music stops! No registration required.

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This **Weekly Reader** will be distributed electronically every Friday (except during breaks). Please send announcements to Cindy Greenwood, Editor ([greenwoodci@missouri.edu](mailto:greenwoodci@missouri.edu)) by Thursday @ 5 p.m. If you'd like to unsubscribe from the **Weekly Reader**, please email Cindy. Thanks to Laura Hertel for the **Weekly Reader** Tiger logo.