



SNR MONTHLY READER



CAFNR celebrated 200 graduates during Fall 2019 Commencement ceremonies. **Lauren Mott** (bottom left) (NRSM) was one of the SNR grads. (Photos from CAFNR Communications.)

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HONORS and AWARDS



The Association for Fire Ecology (AFE) awarded **Dr. Richard Guyette** the 2019 Herbert Stoddard Lifetime Achievement Award for his significant contribution to fire ecology and management in the eastern United States. Dr. Guyette is Research Professor Emeritus in the School of Natural Resources at the University of Missouri. From his first peer-reviewed fire-scar history article published in 1982, he is one of the most published and cited scientists of fire ecology literature in the eastern U.S. His fire history research stands apart through the early identification and consideration of anthropogenic influences on fire regimes; in addition, he has conducted pioneering work documenting chemical changes in the environment associated with fire events. While at the University of Missouri, Rich advised over 30 graduate students in forestry and fire research projects, served on numerous

steering and review committees for fire research and scholarship, and through his mentorship has impacted fire research and management in coming generations. Across the eastern U.S. in particular, his research has been instrumental in justifying the need for fire management including landscape-scale restoration projects on federal and state lands. Rich was a co-PI and founding governing board member of the Oak Woodlands & Forests Fire Consortium funded by the Joint Fire Science Program. [Read more about Rich's award.](#) (Photo and story courtesy of the Association for Fire Ecology.)

PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS



Christine Jie Li, Assistant Professor, was one of the first recipients of the Connecting With Missouri grant from the Connector, a UM system resource. She specializes in environmental education research and teaching; her project is titled, “Climate Youth Engagement: Enhancing Climate Literacy and Community Resilience through Science-Based Deliberative Forums and Actions.”



Michael C. Stambaugh, Associate Research Professor, was awarded a grant, Shortleaf Pine Initiative, 4/1/2019-3/31/2020, University of Tennessee.

The Seed That Continues to Grow: According to the United Nations, the world's population is projected to exceed 9 billion people by 2050 and 11 billion by 2100. One of the biggest challenges this population growth creates is producing enough food to feed so many people. Two University of Missouri graduates are working to solve this growing challenge. Brian and Katie Thompson are not only husband and wife, but also two of the three co-founders of [Elemental Enzymes](#), a biotech company headquartered in St. Louis that makes agriculture products to help increase plant health, growth and overall food production. During his time on campus, Thompson worked with George Stewart, professor and chairman of the Department of Veterinary Pathobiology in the MU College of Veterinary Medicine and a primary investigator at the Christopher S. Bond Life Sciences Center, as well **Chung-Ho Lin**, an Associate Research Professor in SNR. For the rest of the story go to the link:



<https://news.missouri.edu/2019/the-seed-that-continues-to-grow/>

EVENTS/MEETINGS/ANNOUNCEMENTS

Two Free Prairie Events in January



Thursday, Jan. 16, 2020: Short-eared Owl Hike at MPF's Golden Prairie near Golden City, MO, with Jeff Cantrell. [Read more and register.](#) (Courtesy of the Missouri Prairie Foundation; Photo by Donnie Nichols.)



Saturday, Jan. 25, 2020: Regal Fritillary presentation, Columbia, MO, with Chris Newbold and Jerod Huebner. [Read more and register.](#) (Courtesy of the Missouri Prairie Foundation; Photo by Bruce Schuette.)

SPOTLIGHT ON SNR FACULTY, STAFF AND STUDENTS



The Missouri Department of Higher Education approved the university-wide undergraduate Certificate in Sustainability replacing the Environmental Studies Certificate. The Sustainability Certificate will be listed in the University of Missouri 2020-2021 Course Catalog next Fall. The Sustainability Certificate is focused on developing sustainability problem solving skills and requires a minimum of 12 credit hours. The certificate is available to all students. Sustainability involves balancing human aspirations for a good quality of life with the environmental quality and resource needs of future generations. Sustainability requires understanding interactions between ecological and social systems in order to design actions inspired by beneficiaries' needs. The Sustainability Certificate will help students pursue careers fast-growing green job and non-profit sectors of clean energy, resource conservation, transportation efficiency, pollution prevention, waste elimination, second-generation biofuels, green building and infrastructure design, as well as human rights and community devolvment. To earn the certificate, students complete 12 credit hours including one 3-credit introductory course (ENV SC 2600/BIOL EN 2600), 6 credit hours of complementary approved electives, and 3 credit hours of an approved capstone course where student combine their disciplinary lenses to sustainability problems solving. **Damon Hall**, Assistant Professor in the School of Natural Resources and the Department of Biomedical, Biological & Chemical Engineering, is the Certificate Coordinator. A Sustainability Certificate Faculty Advisory Committee representing five MU Colleges will oversee the program and evaluate the curriculum. (Submitted by Damon Hall.)



The *SNR Monthly Reader* will be distributed electronically the last working day of the month (except during breaks). Please send announcements to Cindy Greenwood, Editor (greenwoodci@missouri.edu). If you would like to unsubscribe from the *SNR Monthly Reader*, please email Cindy.