SNR co-hosted a visit of Gary White, CEO of water.org. Water.org is based in Kansas City and is a leader in international water and sanitation microfinance. SNR students participated in a water and sanitation Innovation Challenge judged by Gary and Assistant Professor Noel Aloysius. SNR graduate students provided Gary a tour of our lab facilities and an overview of their research projects. Assistant Professor Robin Rotman spoke on a panel presentation with Gary, with over 300 students present. Co-hosts for the visit were Trulaske College of Business and the College of Engineering. More about his visit at the link below: https://business.missouri.edu/about/news/waterorg-co-founder-visits-trulaske-cei-innovation-challenge-keynote-presentation (Photos courtesy of Robin Rotman, Sarah Brown, Annette Kendall, Allison Holmes.)

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PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS

Bob Kremer co-edited a book with LeRoy Deichman (MU alum, BS Ag Econ), which includes a foreword by Chancellor Emeritus Brady Deaton and three chapters written by other MU alumni.

The Solar Corridor Crop System: Implementation and Impacts presents a case-study format on the planning and implementation of alternative cropping systems designed to maximize incident sunlight and bio-support of all crops in a rotation system. The book describes the basic component of the system, an increased access point of incident sunlight between each row or pairs of rows that enables a more uniform vertical distribution of incident sunlight to chloroplasts within the entire corn leaf canopy. While the production environment and environment specific genetics determine the performance potential of this principle, by maximizing the principles that light is basic to crop yield, a solar corridor ultimately contributes to increased grain yield, efficient use of land area with inclusion of a secondary (corridor) crop, improved soil health, and better socioeconomic potential for farmers and rural communities. Written by experts who were integral in the development of solar corridor systems, and providing real-world examples of the methods, challenges and future prospects, this book will be valuable for those seeking to increase yield-per-acre through both primary and cover-crops and enhanced soil health.

Rebecca North presented “Are Green Water Bodies Toxic Water Bodies?” at the UM System Research Summit at UMKC. This summit focused on the theme “Data Science in Healthy Communities” and showcased interdisciplinary work from all four UM System universities and provided a forum to stimulate system-wide collaboration and innovation around this important research subject.
Alumni, graduate and undergraduate students gathered at the National Weather Association Annual Meeting in Huntsville, AL. Bottom photo L-R, Eric Lenning (National Weather Service, MU Alum), Henry Rothenberg (Channel 5, Nashville, MU Alum), Bruce Thomas (Weather 2020 and a mentor to many of our past and present students). (Submitted and photos by Pat Market.)

As part of a KOMU 8 series SHOW ME CLIMATE, Chief Meteorologist Kenton Gewecke (B.S., Soil, Environmental and Atmospheric Science, Spring 2017) talked with Al Roker from the Today show about climate change and its effects, both statewide and worldwide. (Read and watch at the link below): https://www.komu.com/news/chief-meteorologist-kenton-gewecke-talks-climate-change-with-nbc-news-al-roker (Submitted by Sarah Humfeld.)
Trek Through Belize
Spring Break (Nov. 1 Application Deadline) Learn about the protection and management of tropical ecosystems in a breath-taking country with shorelines to the east and dense tropical forests to the west. Explore conservation areas, coral reefs, Mayan villages and more.

Discover Holland
Spring Break (Nov. 1 Application Deadline) Experience the largest cut flower producer/exporter in the world and take hands-on design classes to further understand the Dutch culture. Enjoy the sites of the famous tulips, working windmills, a castle and the Van Gogh Museum.

Experience Germany
Spring Break (Nov. 1 Application Deadline) Gain an understanding of German agricultural and engineering practices while developing insight into German economic, political and educational systems. Tour the John Deere Plant and the Mercedes Museum and visit the Holocaust Museum, Berlin Wall and the oldest brewery in the world.

Contact Shanon Dickerson for more information.

When: Sunday, October 6th, 5:30- 9:30 pm
Where: Bradford Research Center

To wrap up CAFNR Week, we’re celebrating CAFNR students with the CAFNR Alumni Association at a bonfire. Two CAFNR students, Nick Schneider and Connor Templeton, will perform live music. We will roast hot dogs and award cash prizes to organizations who excelled in the CAFNR Week games. A club representative must be present to win the cash! Grab a t-shirt courtesy of the CAFNR Alumni Association, play yard games and network with CAFNR peers and alumni! Sponsored by CAFNR True Tigers and CAFNR Alumni Association.

https://cafnr.missouri.edu/cafnr-week-2019/
From the SNR Alumni Association: The SNR Bloat will be in the Homecoming Parade on October 12. Trivia in the Wild is moving to April 3, 2020. There were issues with reserving the Knights of Columbus Hall and this date hopefully reduces the scheduling congestion around the True/False Film Festival and CAFNR Unlimited. (Submitted by Greg Snellen.)
Wednesday, October 16, 2019
8:00 am - 4:00 pm
171 Life Sciences Building

Mini-symposium:
“The unappreciated link between forests and water”

Invited speakers from Quebec, Canada:
Laval University: Jean-Francois Bissonnette, Nancy Gelinas, Caroline Halde, Damase Khasa, Jacynthe Pouliot,
INRS Centre Eau, Terre, Environnement: Isabelle Lavoie, Alain Rousseau
Government of Quebec: Martin Dionne

Agroforestry and Water Resources Researchers from Mizzou:
Alba Argerich, Sougata Bardhan, Michael Gold, Damon Hall Shibu Jose,
Chung-Ho Lin, Patrick Market, Rebecca North,
Robin Rotman, Ranjith Udawatta

Photo by Amber Edwards
SPOTLIGHT ON SNR FACULTY, STAFF AND STUDENTS

We will be introducing new faculty, students, and staff in future issues.

Ashley Newson joined the National Park Service in September 2019 as a Community Planner in the Midwest Rivers, Trails, and Conservation Assistance (RTCA) program. She provides technical assistance to local governments and community groups that are planning outdoor recreation or natural resource conservation projects. She is based out of the Missouri Field Office in Columbia, MO and supports projects across Missouri and Arkansas. This is the first NPS RTCA field office stationed on Mizzou's campus in the SNR. This location was chosen to develop a partnership between the RTCA program and Mizzou. Newson will be working with Mizzou faculty, students, and extension program coordinators on recreation and conservation projects. As a native of Kansas City, Ashley is looking forward to working in her home state again. Prior to joining the National Park Service, Ashley completed a fellowship with the U.S. Forest Service in Idaho and Washington, D.C. At the USFS headquarters in Washington, D.C., Ashley provided national program support for the Travel, Tourism, and Interpretation division. She completed a three-month detail at a remote field station on the Nez Perce-Clearwater National Forests in north-central Idaho. There she managed a visitor center and developed the visitor center’s office manual, interpretive plan, and employee orientation resources. Ashley graduated from Missouri State University in Springfield, Missouri with a Bachelor’s Degree in Geography with a Geotourism emphasis and a Certificate in Environmental Education. Geotourism is defined as tourism that sustains or enhances the distinctive geographical character of a place—its environment, heritage, aesthetics, culture, and the well-being of its residents. This unique degree focused on sustainable tourism management and planning from a sense of place perspective.
Ron Revord joins the School of Natural Resources and MU Center for Agroforestry, where he will lead the tree improvement and genetics program for Chinese chestnuts, pecan and black walnut, with new initiatives related to restoration of the Ozark chinquapin and hybrid hazelnut research. The MU Center for Agroforestry is one of the College of Agriculture, Food and Natural Resources’ Programs of Distinction. Revord received his Ph.D. in crop sciences from the University of Illinois in May 2019. At Illinois, he was involved with the multifunctional woody polyculture for sustainable food production research program. You can reach Revord at r.revord@missouri.edu.

Samniqueka Halsey joins Mizzou from the Illinois Natural History Survey/Prairie Research Institute, where she served as a postdoctoral associate. Her research interests include computational biology, using long-term data sets, geographic information systems and remote sensing across broad spatial and temporal scales, and integrative approaches to modelling complex systems to inform management actions in biodiversity conservation and emerging disease systems. Halsey holds a particular interest in informing management actions with her models. She has received the Ford Foundation Dissertation Fellowship, is a member of the Ecological Society of America and the Society for Computational Biology, and has published in Nature Ecology and Evolution, Ecological Modeling, and Ecological Restoration. Halsey received a Ph.D. in ecology, evolution and conservation biology from the University of Illinois. You can reach her at samniquekahalsey@missouri.edu.
When former KOMU-TV meteorologist Eric Aldrich describes the responsibility that comes with thousands of mid-Missourians relying on his daily insight, he does so with tongue planted firmly in cheek. “It’s a lot of pressure,” says Aldrich of the job he held for 13 years. “I have always loved severe weather — tornadoes, blizzards and things that don’t happen frequently.” For more of the spotlight on Eric, please go to the link below. Photo by Michael Cali. [https://undergraduatestudies.missouri.edu/news/forecasting-student-success/](https://undergraduatestudies.missouri.edu/news/forecasting-student-success/)

**IN MEMORIUM**

Nicholas Patrick Dziuba passed away on September 7, 2019. He graduated from Mizzou with a B.S. degree in Fisheries and Wildlife in 2006. His full obituary can be found at the link below.


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.