What: Conservation Day at the Capitol  
Where: Missouri State Capitol  
Date: April 3, 2019  
Time: 7:30 a.m. to 2:00 p.m.

This event is designed to bring conservationists from all across Missouri together at the Capitol for a day of promoting and supporting our natural resources and outdoor heritage. We have reserved the third floor of the Rotunda and will have table spaces available for up to 25 affiliate organizations. The event is both educational and informative. We hope citizens and legislators alike will tour the affiliate booths to learn about the diverse outdoor passions of Missourians. Citizens will have a chance to meet with their legislators and thank them for protecting conservation in Missouri. The Morning Shag with Shags and Trevor of KCMQ 96.7 will be broadcasting their popular morning show live from 6:00 to 10:00 a.m. To reserve a booth for your affiliate organization, contact Michelle Gabelsberger at 573-634-2322 ext. 104 or mgabelsberger@confedmo.org. (Story and photo used with permission of the Conservation Federation of Missouri.)
HONORS and AWARDS

Dr. Peter Motavalli (pictured right) received the William T. Kemper Fellowship for Teaching Excellence. Steve Sowers (pictured left), President and CEO of the central and eastern Missouri region of Commerce Bank, shares a laugh with new Kemper Fellow, Peter Motavalli. (Excerpt and photo courtesy of MU News Bureau.) This fellowship “recognizes the importance of teaching excellence to the success of the university by honoring MU faculty who have demonstrated outstanding teaching abilities.” For more of the story: https://kemperawards.missouri.edu/fellow/peter-p-motavalli/ https://munews.missouri.edu/news-releases/2019/0312-three-mu-professors-awarded-2019-kemper-fellowships-for-teaching-excellence/

Jamie Coe, Manager of Pat Jones’ Prairie Fork Conservation Area (PFCA) and Anita Carter, Business Manager, School of Natural Resources, were honored with the first Pat Jones Legacy awards. The awards were presented at the winter meeting of the Prairie Fork Trust Coordinating Committee, of which they are both members. Congratulations for your years of wonderful service! Photo from left, Truman Young (Pat’s nephew and member of the coordinating committee), Jamie Coe, Eric Kurzejeski (Prairie Fork Trustee) and Anita Carter. (Submitted by Gina Gerstenecker; Photo by Amber Edwards.) Find out more at: http://prairiefork.missouri.edu/about/
After a year of competitive forecasting, the Bureau of Reclamation has selected three winning teams to share $525,000 in the Sub-Seasonal Climate Forecast Rodeo, which sought to crowdsource advancements in the three-to-six-week sub-seasonal forecast timeframe. Each of the three teams demonstrated novel approaches and outperformed the baseline forecasts. The Sub-Seasonal Climate Forecast Rodeo required teams to develop temperature and precipitation forecasts for three-to-four week and five-to-six-week periods every two weeks for a year. The teams also submitted an 11-year hind-cast for the same categories. The goal was to develop systems that perform better than the existing baseline forecasts. To be eligible for prizes the solvers also needed to provide their code for testing and supporting documentation. Six teams completed the year-long portion of the competition and three ultimately met all criteria to qualify to win an award. Quantitative scoring of real-time forecasts and hind-casts were the primary mechanism for evaluating the solvers’ forecasting systems. In addition, a judging panel reviewed solver prepared documentation to determine if it met the requirements of the competition. The judging panel consisted of subject matter experts from NOAA Earth System Research Laboratory, NOAA Climate Prediction Center, California Department of Water Resources, and Reclamation. The Lupoa13 team, comprised of Anthony Lupo and Joseph Renken of Columbia, Missouri, and Joshua Herman of Oshkosh, Wisconsin, used global pressure anomalies to identify analog periods from the historical record. Precipitation values from four analog periods were blended together to produce their forecasts. They were awarded $75,000 based on their method’s second and third place performances in forecasting precipitation for the three-to-four week and five-to-six-week periods, respectively. (Submitted by Tony Lupo.) For more of the story follow this link: https://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=64969
SNR faculty, students, staff, and alumni were recognized at the Conservation Federation of Missouri (CFM) Annual Convention and received over $7,600 in total awards and scholarships. The Ed Stegner Award is awarded to undergraduates to provide major financial aid to encourage and assist in five areas of natural resource management: Fisheries, Forestry, Wildlife, Parks and Recreation, and Soil and Water Conservation. Of the five awards, three were awarded to SNR undergraduates: Fisheries: Kiah Wright; Forestry: Joshua Meyer; and, Wildlife: Seger Nelson. The Carl Morrow Award provides major financial aid to encourage and assist Missouri graduate students in five areas of natural resource management: Fisheries, Forestry, Wildlife, Parks and Recreation, and Soil and Water Conservation. Of the three awards given in 2019, all were from SNR: Fisheries: Corey Dunn; Soil and Water: Erin Petty; and, Wildlife: Sarah Clements. The Charles Bell Scholarship provides financial support for graduate and undergraduate applicants who must be enrolled in a field of study related to management of natural resources, specifically Fish, Wildlife, Forest, Soil, and Water. Of the three awarded in 2019, one was awarded to graduate student John Brant. The Chambers Family Memorial Scholarship is awarded annually to a graduate or senior undergraduate student majoring in wildlife biology/ecology, or natural resources conservation at a Missouri college or university. The scholarship is designed to recognize excellence in academics, leadership and conservation education. In 2019, the graduate scholarship was awarded to Sarah Clements. In addition, MU SNR alumnus Martin McDonald, who recently retired from Bass Pro Shops, received the CFM Outstanding Lifetime Achievement Award. Martin received his BS in Fisheries and Wildlife (1970) and MS in Interpretative Outdoor Recreation (1978), and spent 25 years at Bass Pro Shops, most recently as the Conservation Director. Emily Tracy-Smith and Nick Sievert serve as Chair and Vice Chair of the Rivers, Streams, and Fisheries Advisory Committee, and Emily Sinnott and Amber Edwards are the Chair and Vice Chair of the Education and Outdoor Recreation Advisory Committee. Photo above R: Corey Dunn (L), John Brant (R), with Craig Paukert (C) after receiving their awards. (Photo by Joanna Whittier.) Photo middle L: Martin McDonald after receiving the CFM Lifetime Achievement Award. (Photo by Craig Paukert.) Photo bottom R: Emily Tracy-Smith (Photo by Joanna Whittier.) (Submitted by Craig Paukert.)
The Conservation Leadership Corps (CLC) is a program within the Conservation Federation of Missouri that allows high school and college students an opportunity to participate in conservation policy. The following students from SNR attended the Conservation Leadership Corps (CLC) this year. The students wrote eight resolutions that went to committees with three passing the General Assembly vote. CLC is looking for new students! Applications to participate can be found at https://www.confedmo.org/clc-application-form/. The deadline is May 1st.


Nearly fifteen Parks, Recreation and Sport students attended the Missouri Park and Recreation Association (MPRA) Conference to network with professionals, attend educational sessions, and volunteer. Eleven Mizzou students were awarded scholarships through the Missouri Park and Recreation (MPR) Trust. Pictured are the scholarship winners, from left to right, front to back. F: Jonathan Sites, Mitchell Moon, Alexis Ehrhardt, Paige Ellis, Lily Bennett, Philip Wilkinson. B: Justin Thoeni, Austin Andrews, Zach Lendino, Deanna Meyer, Tyler Yount. Dr. David Vaught, Anna Cheng, and Jason Young accompanied the students attending the conference. (Submitted and photo by Jason Young.)
The 20th Biennial Southern Silvicultural Research Conference was held in Shreveport. Graduate students **Connor Crouch** (MS) and **Stephen Lyczak** (MS) delivered oral presentations (listed below) over their thesis work. Congratulations to Connor on receiving the Outstanding Graduate Student Presentation award (Pictured with Ben Knapp; Photo by Ben Knapp.)

Crouch, C.D. Site preparation for longleaf pine restoration on hydric sites: tree-level and stand-level responses 15 years following planting.

Lyczak, S.J. Increasing the survival probability, height growth, and diameter growth of 1-0 bareroot shortleaf pine seedlings through genetic selection, site preparation, and vegetation control.

**FACULTY PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS**


Li, C. J., Costello, C., Thuston, S., & Simmons, B. (2019). Using public deliberation and environmental issues forums to achieve the 2030 goals for sustainable development: A case study in Missouri, USA. In: Leal Filho, W., Marans, R., Callewaert, J. (eds). *Universities and Sustainable Communities: meeting the goals of the Agenda 2030*. World Sustainability Series. Springer, Cham

STUDENT PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS

The MU student joint chapter of the American Meteorological Society and National Weather Association held their third annual statewide meeting in 123 ABNR. The meeting was attended by 50 people including undergraduate and graduate students, faculty, and professional meteorologists (including MU alums!). They represented institutions from across the state including the MU, Saint Louis University, the National Weather Service (NWS), and KOMU TV. The guest speaker was Dr. Katie Vigil (Crandall) (MS, 2009, PhD, 2013, Market), research team leader at the Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) – NOAA Kansas City. Dr. Vigil is leading the development of tools to help weather forecasters with color vision deficiencies interpret remotely sensed data sets. Her presentation outlined her research unit and her research specifically. She also gave advice to students about employment opportunities with CIMMS and the NWS. (Submitted by Tony Lupo.)

Kyra Florea (pictured left), an SNR undergraduate student conducting research in the Limnology Lab, will be representing SNR in the 2019 UM System Undergraduate Research Day at the Capitol on April 4th. This research day allows undergraduate students to share their research experience (and why it is valuable) with Missouri’s legislators. Only ten undergraduates were selected from the UM System for this unique experience. Her poster is entitled "Dissolved organic matter and carbon cycling in Missouri reservoirs: implications for cyanobacteria harmful algal blooms" and is co-authored by Ruchi Bhattacharya, a Preparing Future Faculty Postdoctoral Fellow, and Rebecca North. (Submitted and photo by Rebecca North.)

Four members of the Limnology Lab recently represented Missouri reservoirs with oral presentations (listed below) at the International Association of Limnology and Oceanography (ASLO) 2019 Aquatic Sciences Meeting in San Juan, Puerto Rico (Submitted by Erin Petty.)

Bhattacharya R.; Florea K; Petty E.; and North R.: Dissolved organic matter cycling in Midwest reservoirs, USA

Gaskill J.; Harris T.; deNoyelles J.; Burgin A.; Shields A.; Baker S.; Webb L.; Klepikow R.; Mash H.; and North R.: Exploring phytoplankton response to changes in light and nutrients in mesocosm tanks - Can glacial rock flour be used to control cyanobacterial blooms?

Petty E.; Obrecht D.; and North R.: Phytoplankton’s most wanted - Does light-nutrient co-deficiency limit phytoplankton communities in turbid Midwestern USA reservoirs?

North R.; Graham J.; Obrecht D.; Baulch H.; Hudson J.; Dillon P.; Smith R.; and Jones J.: Light in cold lakes - Is it low? Is it changing?
Parks, Recreation and Sport, in conjunction with the Mizzou SNR Alumni Association, hosted a social and live auction at the Missouri Park and Recreation Association Conference. Over 50 Mizzou alumni and friends attended the event, which included a raffle, a live auction and networking. Through donated items solicited and collected by Anna Cheng, Jason Young and Jenna Fusinatto, PRS was able to raise over $2,100 for student scholarships, including the Randy Vessell Scholarship fund. (Submitted by Jason Young.)

Parks Recreation and Sport hosted “Mock Interview Weeks”. Twenty-one organizations from across the country conducted Mock/Practice Interviews with 78 Parks, Recreation and Sport students. The professionals and employers donated their time to spend up to 30 minutes with each student to help them fine-tune their interviewing skills and prepare for the workplace. Many of the interviews were conducted by either phone, Skype/FaceTime, or in-person. The organizations ranged from a variety of sectors within the industry of parks, recreation, sport and tourism. Many of the professionals that participated are Mizzou PRS alums. Anna Cheng coordinated the schedules of the professionals and students to make this possible. Many of the practice interviews led to real interviews and even internships for some students. (Submitted by Jason Young.)

The SNR Alumni Association held its annual Trivia in the Wild fundraiser. With the event growing, it was necessary to move to a larger venue which was the Columbia Knights of Columbus Hall. Volunteers worked hard to collect donations and the event was a huge success with 270 people attending. The event netted $7,600.00 in profit, with the attendance and profit being records for the event. The SNR Alumni Association looks forward to continuing to grow the event and provide funding for the Laura Hertel Scholarship for incoming freshmen or transfer students to SNR. We hope you can join us next year! (Submitted by Greg Snellen.)
The School of Natural Resources Alumni Group is hosting a day of fun and volunteering on Saturday, April 13! From 10 am-Noon, we will gather at the Hinkson Recreation Area to participate in Cleanup Columbia. Cleanup Columbia is an annual event that helps beautify our city, parks and trails. Bring a pair of work gloves and wear comfortable clothing and sturdy shoes. Directly following the cleanup, enjoy some food and drinks in a tailgate leading up to the Mizzou Spring Football Game. The tailgate will be in Lot M, near the Mizzou Softball stadium. Please consider bringing a food item to share. Kids, families, and friends are welcome at both events. (Submitted by Jason Young.) For more information, visit the event page: [http://www.facebook.com/events/580499599135139/]
SPOTLIGHT ON SNR FACULTY, STAFF AND STUDENTS

Colin Higgins is a Parks, Recreation and Sport freshman who is a forward on the Mizzou Wheelchair Basketball team. Follow his story in these pictures and at the link below. Top left photo: Colin Higgins (13) rifles a pass during a Mizzou Wheelchair Basketball intercollegiate tournament game at MizzouRec. Photo top right: Colin Higgins (13), takes instruction from Head Coach Ron Lykins during a game break. Photo bottom center: The Mizzou Wheelchair Basketball team is competing in the National Intercollegiate Wheelchair Basketball Tournament. https://studentaffairs.missouri.edu/news/from-hockey-to-hoops/?utm_campaign=spr19
(Story courtesy of the MU Office of Student Affairs; Submitted by Jason Young; Photos by Sam O’Keefe.)
IN MEMORIUM

Arlen Dale Allmon of Lake Saint Louis, MO, passed away Tuesday, March 5, 2019 at the age of 87. After graduating Ironton High School in 1950, he proudly served his country in the United States Navy during the Korean War as a Machinist’s Mate from 1950 to 1954. He then returned home to earn his Bachelor’s Degree (Forestry) from the University of Missouri, Columbia in 1958.

His full obituary can be found at this link:  https://www.baue.com/obit/arlen-dale-allmon/

Visitation: Dardenne Presbyterian Church @ Saturday March 23, 2019 11:00am to 12:00pm

Memorial Service: Dardenne Presbyterian Church @ Saturday March 23, 2019 12:00pm

This 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’d like to unsubscribe from the SNR Monthly Reader, please email Cindy.