Oh, give us pleasure in the flowers to-day;
   And give us not to think so far away
As the uncertain harvest; keep us here
All simply in the springing of the year.
    Robert Frost, A Prayer in Spring

To our SNR Family,

I want to take a moment to give you an update on the School in these unprecedented times. The coronavirus has forced us to suspend on-campus classes, so our students--the lifeblood of the Anheuser-Busch Natural Resources building--are gone. Also, most of our staff and faculty have been sent home as well. We continue to follow CDC recommendations of staying at home and social distancing. Our building is uncommonly quiet. The good news is that our SNR spirit is anything but quiet. Our classes and most of our daily functions as a School continue online. Faculty have been working hard to transition their courses into quality online experiences, many having had a crash course in tools like Canvas, Panopto, and Zoom, to name a few. The transition has been swift and strong. Our staff has also made the transition to teleworking, fearlessly facing remote computer access via VPN. In support of it all has been our IT professionals, getting us ready to teach remotely and to telework. Of course, this is not ideal, and we hope to return to our normal routine soon. Even so, I am proud of the way everyone on our staff and faculty has stepped up and worked to keep our School as vibrant and efficient as possible. We hope that you all are staying safe and healthy. Please enjoy what news we have to share and feel free to write with questions: marketp@missouri.edu
HONORS and AWARDS

(Pictured: Mizzou alum Bill Lockwood inducted into the Missouri Recreation & Parks Hall of Fame; L-R: Jerry Calvin, Bill Lockwood, Jim Kent; photo courtesy of the Missouri Park & Recreation Association/MPRA). The “Professional’s Professional”: These two words offer the best description of Bill Lockwood. The MPRA staff, officers, board members, and membership knew that when there was a difficult challenge, you call on Bill. Time and time again he delivered the appropriate solutions to those challenges and, more often than not, deflecting the credit to others. At a time when MPRA did not know how much money it had nor could account for all its funds, Bill Lockwood stepped forward when called and assumed the role of Treasurer. At one MPRA Board Meeting, Bill delivered one of the most passionate and accurate speeches ever given in the association’s history, emphatically stating, “There are simply too many people in this Association that could give a Boo Howdy less about its finances.” He was right! During his tenure as Treasurer, a financial framework was installed, deficiencies corrected, and records put in appropriate order. Starting when still a student at the University of Missouri, Bill displayed exemplary leadership and service while president of the student recreation club and outstanding senior in his graduating class. These traits were carried with him throughout his career. In his term as MPRA President, Bill led the successful defensive efforts to save the Department of Recreation and Park Administration from elimination by the University of Missouri Chancellor. Rally presentations and an organized letter writing campaign to the administration, Board of Curators, and various members of the state legislature proved effective. He continues to serve the School and profession to this day on the School of Natural Resources Advisory Council Executive Committee and on the board of the Conservation Federation of Missouri. The list of contributions to his credit is lengthy and distinguished in the communities he has served professionally. During his tenures in Fulton, Columbia, and most recently, Jefferson City, Bill has handled his employment in an exemplary manner, bringing recognition and achievement to his departments, the communities, and his employees. He not only brought about significant progress in those communities, but did so while making the best use of available resources, creating new resources, promoting employee development, and adding greatly to the quality of life to the citizens he served over the course of his 46-year career. His efforts in relocating the MPRA office to the capital city ushered in a period of significant growth and statewide recognition and impact for the association. His pioneering foresight in securing National Demonstration Project grant funding for the Columbia MKT Parkway as Missouri’s first rail-to-trail conversion project served as inspiration and a model for the Katy State Park Trail and others to follow. His leadership of the 501(c)3 Jefferson City Parks and Recreation Foundation to secure funding and development of the Lewis and Clark Trail Head Monument on the state capitol grounds, a gift to all Missourians, is yet another example of his
vision and collaborative partnerships. To quote one of the many letters of support for Bill’s induction into the Hall of Fame, “One additional trait of Bill’s that makes him uniquely worthy of the MRP Hall of Fame is his endless support of fellow colleagues in the field, particularly those young professionals just entering the ranks. Bill has always been there as a professional resource, an innovator, an encourager, and as a friend!” Bill believes in community and civic service and has always been dedicated to making his communities great places to live, work, and play for current and future generations. His vision, long-range planning skills, the ability to think outside the box, and the tenacity to see projects through to completion have made his communities and the State of Missouri a better place for all. (Submitted by Jason Young.)

(Pictured: Mizzou alum Chad Shoemaker awarded the 2020 MPRA Fellow Award. L-R: Chad Shoemaker, Gabe Huffington, Brooke Jameson; photo courtesy of MPRA). As the Mexico Parks and Recreation Director for the past 17 years, Chad Shoemaker has had the opportunity to make a lasting impact on his community, staff, and colleagues in the field of parks and recreation. Chad has had a career dedicated to service that began as a member of the United States Navy and has continued through his time at the Mexico Parks and Recreation. An active member of his community, Chad has always been willing to step up for MPRA and serves as a role model for many in our profession. Chad has truly blended a passion for serving his community and preservation of the outdoors into a list of achievements worthy of receiving the MPRA Fellow Award. Over his time with Mexico Parks and Recreation, his efforts have transformed the department through growth, development of staff, and city-wide improvements benefiting citizens throughout the community. Under his leadership, the City of Mexico passed a ½ cent permanent park sales tax, increased total park acreage by over 25%, and created the Mexico Park Foundation. Chad was instrumental in the acquisition and development of the 143-acre Green Estate Park including the reopening of the historic Churchill Gates on the property. Throughout his tenure, he has also guided his department through the creation of multiple recreation programs and capital improvement projects to improve the experience of every park patron. Chad has forged successful partnerships for the department with multiple organizations in Mexico including the Mexico Family YMCA, Mexico Optimist Club, Audrain County Historical Society, and Presser Performing Arts Center. He served on the committee that managed the $3.5 million-dollar renovation of the Presser Performing Arts Center and served on the committee overseeing the $4.4 million-dollar expansion of the Mexico Area Family YMCA. Chad also assisted with the fundraising and installation of an inclusive playground at the Children’s Therapy and Early Education School in Mexico. Chad has also committed a large amount of personal time to local organizations in Mexico serving as past president of Mexico Area United Way, Commissioner for the Mexico Area Housing Authority and as past president of the Mexico Area Family YMCA. His willingness to serve has resulted in honors such as the Mexico...
Area YMCA Hero Award and the Audrain County Historical Society Directors Award. Chad has always been an active member of the Missouri Park and Recreation Association and has been willing to serve in multiple capacities during his tenure with Mexico Parks and Recreation. Chad was the first Region 2 Director, a long-standing member of multiple MPRA committees, and served as the Conservation Federation Liaison for MPRA for a number of years. When asked to serve as President, Chad once again stepped up to the challenge and served as MPRA President in 2018-2019. Chad’s desire to improve his community’s quality of life and his hard work as an active member of MPRA are just two reasons of the many reasons why he is so deserving of this recognition. (Submitted by Jason Young.)

(Pictured: Mizzou alum Amy Boyd awarded the 2020 MPRA Aquatic Section’s Distinguished Service Award; L-R James Boyd and Amy Boyd; photo courtesy of MPRA.)

Amy Boyd started her career in aquatics while lifeguarding at the RecPlex in her hometown of St. Louis. After earning her degree in Parks, Recreation, and Tourism at the University of Missouri, Amy accepted a Recreation Specialist position for the city of Waukegan, Illinois. Lucky for Des Peres, Amy applied for an Aquatic Specialist position and returned to her hometown where she has continued to serve for nearly 10 years. During this time, she completed her Masters in Recreation Management and Sports Marketing from the University of Illinois – Champaign-Urbana. When a vacancy opened up, Amy assumed the role of Aquatics Supervisor in 2016, a position she continues to serve in today. Amy enjoys nearly every aspect of the aquatics industry but special events are her favorite, from New Year’s Eve at Noon to the Summer Dive-in Movie and everything in between. Her favorite event by far is the Dog Days of Summer Dog Swim. The smiling faces of the guests and wagging tails of the puppies make for one special day at the office. Amy is an active member of MPRA previously serving as the Aquatic Section Secretary and President. This year, she serves as the Annual Conference Chair. (Submitted by Jason Young.)
Cassie Brandt, with Gabe Huffington, was awarded the 2020 MPRA Region 2 Outstanding New Professional award; (photo courtesy of MPRA). As a Recreation Specialist for Columbia Parks and Recreation, Cassie has displayed her value to the Department through her efforts to affect the community, ability to lead in her position, and her willingness to be involved in the parks and recreation profession. Cassie has the responsibility of managing over 20 special events and programs throughout the year for the Columbia Parks and Recreation Department. The special events and programs bring over 100,000 citizens into the park system. Cassie’s role offers her the opportunity to promote the positive attributes of parks and recreation, work with local organizations and businesses for sponsorship support of programs and introduce citizens to different cultures, lifestyles, and activities. Cassie has continued the success of the long-standing special events in the Columbia community, including monthly Family Fun Fests, Stephens Lake Park concert series, and the Tons of Trucks event has introduced new events for park patrons and assists in raising over $150,000 annually in cash and in-kind sponsorships and donations. Two of Cassie’s biggest contributions to the department’s collection of special events include the creation of Yappy Hour, an event mixing parks, dogs, and craft beers and her efforts to assist with the success of Columbia’s 2017 Solar Eclipse Celebration in Cosmo Park. Cassie has also started to grow in her professional career and organizational participation as well. In 2016, she became a Certified Parks and Recreation Professional and currently serves as the Northeast Region Director. She is a key member of the MPRA Young Professional Section, serving as the President-Elect for the section, and participates in the NRPA Young Professionals Network. Locally, she serves on the Board of Directors for the Columbia Earth Day Coalition and is a member of the Columbia Cosmopolitan Luncheon Club. (Submitted by Jason Young.)

**National Science Foundation**

**Directorate for Education and Human Resources**

**Division of Graduate Education**

Cole Diggins, undergraduate student in SEAS/Soil Resource Management, has been accorded an Honorable Mention in the 2020 National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) competition. Applications were reviewed according to the NSF Merit Review Criteria of Intellectual Merit and Broader Impacts. Being recognized with an Honorable Mention in the NSF GRFP competition is a significant national achievement. Congratulations Cole! (Submitted by Steve Anderson.)
Jason Green, pictured center with Conservation Federation of Missouri (CFM) President Gary Van de Velde (L) and CFM Executive Director Tyler Schwartze (R), was awarded Forest Conservationist of the Year at the CFM’s 84th Annual Convention. Jason (who was Dave Larsen’s Master’s student, 2006 graduate), and his staff implemented The 2019 Pioneer Forest Management Plan. This plan utilizes comprehensive Geographic Information Systems along with the identification and description of new forest reserves, ecological management areas, and recreation and trails in the forest. Jason led a tour of fifteen German, Swiss, and Austrian ProSilva foresters interested in uneven-aged silviculture. Pioneer foresters have now been invited to tour European forests and to continue these discussions. Jason’s leadership for the management program at Pioneer Forest is a tribute to the use of conservation-based forest management in the Missouri Ozarks and a model for others interested in similar conservation-based values to emulate. (Submitted by Dave Larsen.)

**PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS**

**University of Missouri Atmospheric Science Team Competing in a National Long-Range Forecast Contest:** For many years, meteorology programs have competed for bragging rights in a national weather forecast contest in which individuals and teams predict the high and low temperature as well as precipitation amounts. More recently, there has been an interest in sub-seasonal weather forecasting, a time-scale of three to four weeks ahead. The State University of New York at Albany and Rutgers University created a forecast game in the Fall of 2018 in which competitors predict the usage of natural gas for heating or cooling over the entire USA at three to four weeks out. This kind of forecasting is being done by weather professionals in the private sector for energy use and commodities such as agricultural production. Competitors must combine their knowledge of weather and forecasting with their interpretation of economic data and trends. The University of Missouri entered a team for the Spring 2020 semester. The team members are; Juniors: Braeden Ede, Sam Ritter, Evan Travis, Senior: Sean Munley, Graduate student Mervegal Ozdas, and an alum Caleb Brown. The team is led by KFRU’s Joe Renken and Professor Tony Lupo. Their first five forecasts have been a learning experience, but the team finished in the top five for three of these periods out of 15 teams. These 15 teams include two teams from industry. More importantly, our students are learning to make weather forecasts in a non-traditional environment and expanding their skill set. **Late breaking news:** In their latest forecast, Team MU was #1 this week!! (Submitted by Tony Lupo).
Mizzou PRS student organization Mizzou SPRTA (Sport, Parks, Recreation and Tourism Association) recently took a tour of the brand-new Columbia Sports Fieldhouse. They met with various Columbia Parks and Recreation professionals in addition to the Columbia Convention & Visitors Bureau's Sports Sales Manager (and Mizzou alum), Adam Ziervogel. The new Sports Fieldhouse will help make Columbia a tourism destination for sports, hosting regional and national tournaments. (Submitted by Jason Young.)
Natural Resources Careers Academy
School of Natural Resources, University of Missouri, Columbia
A Summer Residential and Experiential Course for Missouri High School Students
June 21 – 26, 2020

Want to learn about careers in natural resources?
Up to thirty rising high school juniors & seniors will be selected based on their scholastic achievement and interest in the natural world, conservation and environmental studies. Applicants must be Missouri residents. Please go to the link below for registration. Accepting applications now through April 13th, 2020.

Opportunities
- Learn about a diverse array of careers in forestry, nature interpretation, fisheries, environmental science, outdoor recreation, tourism, soil science, atmospheric science and wildlife at the School of Natural Resources
- Connect with resource professionals
- Stay in residence halls and tour MU campus

For Registration, please go to the webpage and download the form
https://cafm.missouri.edu/summer-academies/natural-resources-careers-academy/
For more information, contact Dr. Christine Li, (573)-882-0613, lij1@missouri.edu or Amber Edwards, edwardsamb@missouri.edu, School of Natural Resources
105A, Anheuser-Busch Natural Resources Building, Columbia, Missouri, 65201
Natural Resources Alumni Association Presents

The 10th Annual

TRIVIA IN THE WILD

POSTPONED UNTIL APRIL 16, 2021

$20 EACH PLAYER

$160 PER TEAM

FRIDAY APRIL 3, 2020 - DOORS OPEN AT 6 PM

SINGLE PLAYERS OR TEAMS (8 PEOPLE PER TEAM)

FOR RESERVATIONS CALL Laura Hertel: (573)882-1730 EMAIL: hertell@missouri.edu

Knights of Columbus Hall, Columbia, MO

Benefits go to the MU Natural Resources Alumni Scholarship Fund
SPOTLIGHT ON SNR FACULTY, STAFF AND STUDENTS

Associate Professor Emeritus Randy Miles (top picture left) shared some photos from his tapping operation in Indiana, across the road from his house. The bottom picture is on the firebox end of the evaporator. (Submitted by Randy Miles.)
**Raccoon Capture Lab:** Assistant Professor Michael Byrne’s lab group has been working on mammal capture/handling and chemical immobilization at the Baskett Research Center. Top photo by Mike Byrne; Bottom left photo by Rachel Simmons; Right photo by Alisha Mosloff.

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.