



OFFICE OF ACADEMIC PROGRAMS

Sarah Humfeld (pictured right) interacted with 125 fifth graders from Mary Paxton Keeley Elementary School learning about ecology at Rock Bridge State Park on May 12th. She helped guide them through conversations about trophic structure and the ecosystem services provided by ponds and wetlands. (Photo provided by CPS)



Sarah Humfeld assisted with the Honors Convocation during graduation weekend on May 13th.

Christine Li and **Sarah Humfeld** participated in a workshop on "Incorporating Sustainability Within the Curriculum" presented as part of the Celebration of Teaching. **Dr. Keith Goynes** helped to organize the workshop.

AWARDS and HONORS



Patty Quackenbush was inducted into the MU Rollins Society on April 14, 2017, in honor of her meritorious service to the University community and in recognition of commitment to duty and outstanding leadership. The Rollins Society was established in 1994 by the Graduate Professional Council; the Rollins Society recognizes graduate and professional students who have significantly advanced the well-being of self-defined communities beyond the scope of their academic work.

Center for Agroforestry student **Danh Vu** (advisor: **Chung-Ho Lin**; first person on the left in the photo) was awarded 2nd place at the poster presentation competition held by the Ozark-Prairie Regional Chapter of the Society of Environmental Toxicology and Chemistry (SETAC). He presented his findings on “Effectiveness of the Engineered Wetlands in Removing 85 Pharmaceuticals and Personal Care products in Municipal Wastewater”.



SNR had 120 graduates participate in the ceremony on Saturday, May 13. Outstanding seniors were: SEAS – Alex Countee; PRT – Bradley Copeland; FOR – Levi Bachmann; and, FW – Russ Gibson.



Left photo: Timothy Market, Pat Market, Graduate Abby Rinderer, Tony Lupo. Right top photo: Mingling at the columns. (Photos by Laura Hertel)

PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS



Bob Pierce, Extension Associate Professor and State Wildlife Specialist continues to be a guest several times during the year and has served as the “wildlife expert” on the Simon Rose and Renee Hulshof Show for the Morning Meeting on KFRU 1400 AM here in Columbia. During the hour session Bob will take calls on a variety of subjects and the topics will often vary depending on the season of the year. “You never know what the next call will bring and it is a fun way to interact with people in the community. I appreciate Simon and Renee inviting me to be on their program for these past 7 or 8 years. They are great to work with. Most of the callers are interested in learning a few tips on how to enhance their property for wildlife species of interest or how to prevent and control wildlife damage that may be occurring around their home. We also discuss a variety of topics related to wildlife that may be in the current news”. Also Bob

says that radio is an excellent venue for promoting MU Extension programs, new wildlife and natural resource publications that are timely, as well as upcoming CAFNR and SNR natural resource educational activities. (Photo by Renee Hulshof)

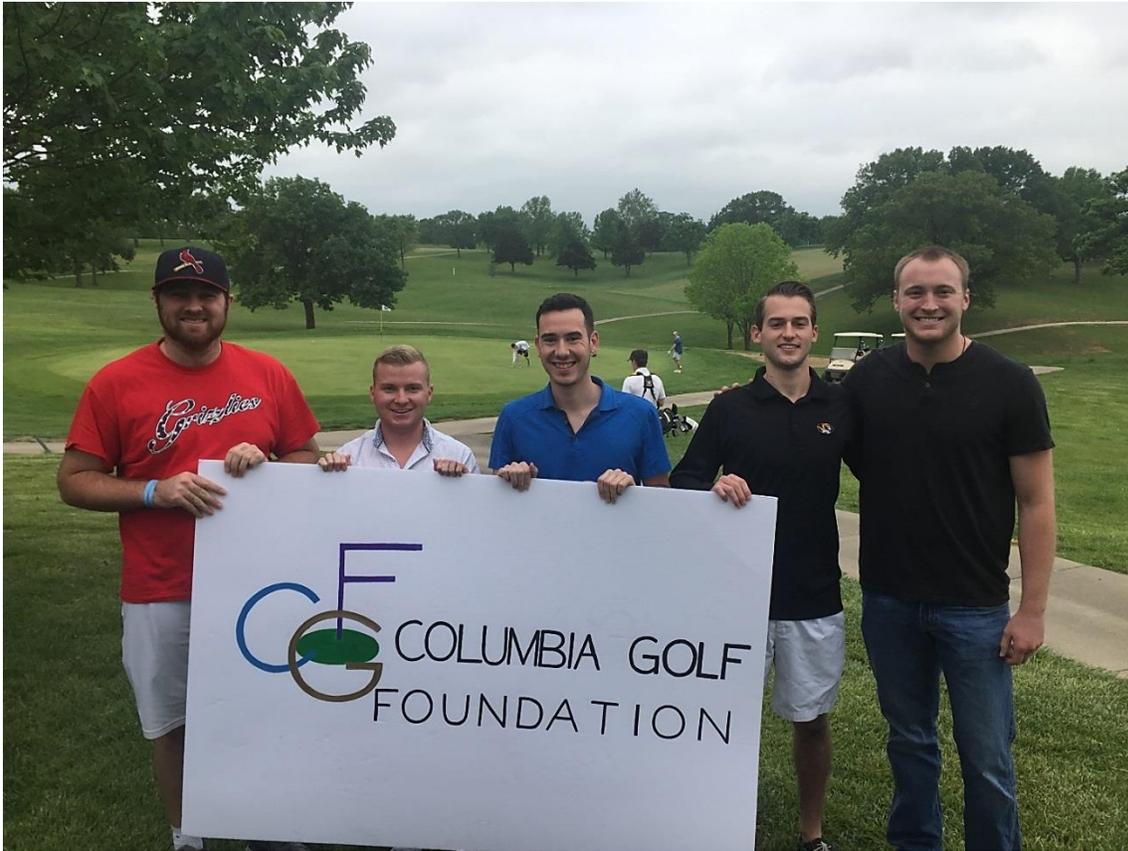
Whitney, J.E. (post-doc student/ faculty member at Pittsburgh State University), **J. Whittier, C. Paukert, J. Olden,** and **A. Strecker.** 2017. Forecasted range shifts of arid-land fishes in response to climate change. *Reviews in Fish Biology and Fisheries*. DOI 10.1007/s11160-017-9479-9.

Whitney, J., J. Whittier, and **C. Paukert.** 2017. Environmental niche models for riverine desert fishes and their similarity according to phylogeny and functionality. *Ecosphere* 8(1):e01659. DOI 10.1002/ecs2.1658.

Wagner, T., S. Midway, **J. Whittier,** J. DeWeber, and **C. Paukert.** 2017. Annual changes in seasonal river water temperatures in the eastern and western United States. *Water* 9(2):90; DOI 10.3390/w9020090.

Li, C., & Monroe, M. C. (2017). Development and validation of the climate change hope scale for high school students. *Environmental & Behavior*.
<http://journals.sagepub.com/eprint/zTvS3VrA5PvfmyeM3tjs/full>.

M.F.J. Aronson, C.A. Lepczyk, K.L. Evans, M.A. Goddard, S.B. Lerman, J.S. MacIvor, **C.H. Nilon**, and T. Vargo. 2017. Biodiversity in the city: Key challenges for urban green space management. *Frontiers in Ecology and the Environment*. DOI: 10.1002/fee.1480

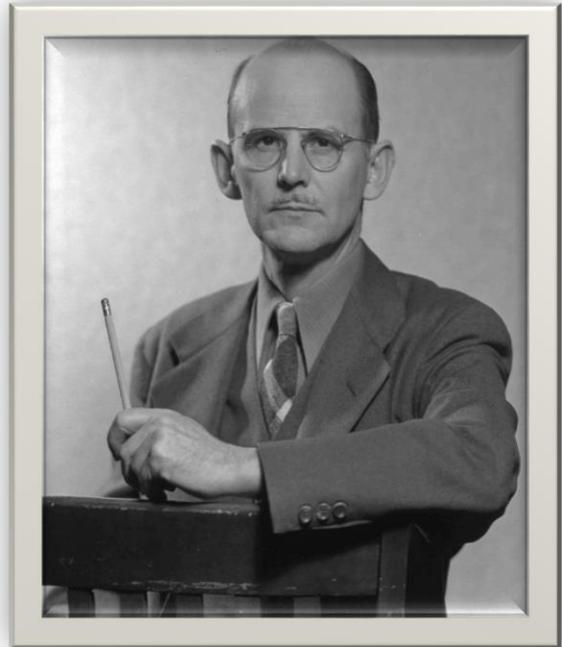


Throughout the semester, six Parks, Recreation and Tourism students emphasizing in Sport Management and/or Leisure Service Management assisted with the planning, sponsorships, set-up and execution of the 8th Annual Fundraiser Golf Tournament for the Columbia Golf Foundation that took place on Saturday May 13th. The non-profit foundation helps provide access to the game of golf and its values to youth of all backgrounds and skill levels. The organization hosts various programs such as Youth Golf Clinics, Golf in Schools, Junior Leagues, LPGA Girl's Golf and more. The PRT students' assistance with the tournament built towards the foundation's mission. The students were: Patrick Lacey, Zach Franklin, Sutton Wescott, Jason Lonn, Brenden Haselhorst, and Chandler Blackwell. Their efforts were connected with Dr. Jerry Lee's class and the SPRTA student org. (Photo left to right: Brenden Haselhorst, Patrick Lacey, Zach Franklin, Sutton Wescott, Chandler Blackwell; not pictured: Jason Lonn). (Submitted by Jason Young; Photo provided by Patrick Lacey.)

SPOTLIGHT

I was brought up with a gun in one hand and a fishing pole in the other and an insatiable curiosity about wildlife and people, which I've never satisfied." **Werner O. Nagel**, the first student to graduate from MU with a degree in Wildlife.

Although there was some semblance of a Forestry Program at MU as early as 1870, the fish and wildlife program didn't come about until the early 1930's. And, it may have not happened then if it hadn't been for Werner Nagel. Born in 1905 in Holstein, Missouri, Werner came to MU in 1929, where he studied biology and education. Not satisfied with the way things were going for him, he met with Dr. Winterton C. Curtis, head of the Zoology Department, to explore getting a degree in wildlife. There was no such program at the time, so Dr. Curtis suggested that he take his request to Dr. Rudolf Bennitt, Associate Professor of Zoology. Together, they mapped out a series of classes that



would allow Werner to obtain a degree in wildlife conservation. Thus, the teaching of wildlife courses at MU began in 1931 with the initiation of classes in ornithology, ecology and principles of wildlife conservation. Werner was awarded a BS degree in wildlife conservation in 1932 and became the first graduate of a wildlife program at MU. After graduation, he collaborated with Dr. Bennitt to conduct a survey of Missouri's game, furbearer and predatory species with recommendations for their management that resulted in a 215-page publication entitled, "A Survey of the Resident Game and Furbearers of Missouri." Nagel joined the Missouri Department of Conservation in 1941 as a biologist in charge of quail and partridge stocking programs (after working with the National Park Service from 1934-1935 and instructing in zoology at MU from 1936-1938). He co-authored the first Missouri game survey and wrote *Conservation Contrasts* in 1970 and the best-selling *Cy Littlebee's Guide to Cooking Fish and Game*. Werner had several firsts in his career – First student to graduate in wildlife at MU, first Editor of the *Wildlife Monographs*, introduced and taught a course in writing for wildlife students, initiated the Jade of Chiefs Award for distinguished service in conservation for the Outdoor Writers of America Association, and was a technical consultant to the Style Manual Committee of the Conference of Biological Editors. A colleague summed it up by saying, "He was a zoologist by education, a writer by trade and a philosopher by experience." Werner passed away on June 22, 1974 at age 69. (Photo supplied by the Missouri Department of Conservation.) Compiled by **Joe G. Dillard**, Room 47 Archivist, from a variety of sources and personal experience (Werner edited my first publication).

This **Weekly Reader** will be distributed electronically every Friday (except during breaks). Please send announcements to Cindy Greenwood, Editor (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.