



Action in Agroforestry

November 2017 Vol. 8, No. 11 Michael Gold and Megan Tyminski, editors

Hiking Rock Bridge State Park

The Sustainable Forestry, Fisheries and Wildlife Freshman Interest Group (FIG) braved dark, heavy skies and cool late autumn temperatures to hike the Shooting Star trail at Rock Bridge State Park. Dr. Michael Gold, FIG co-facilitator, led the group on the walk. The class enjoyed learning about forest management, forest ecology, tree identification and karst topography, along with surprisingly bright fall colors and the serene quiet sounds of falling leaves in the light forest breeze.

Sustainable Forestry, Fisheries and Wildlife Freshman Interest Group (FIG). Back row, from left: Connor Mckillip, Adam Fisher, Ethan Scherder, Darren McRoy, Jacob Stocking, Anna Massman, Sierra Halstead. Front row, from left: Cathy E nubuzor (Peer Advisor), Jessica Gibson, Emily Wilson, Elizabeth Eagon, Brayden Howard, Erik Griffen



KUDOS

UMCA Active at 2017 Annual Crop-Soil-Agronomy Meeting, Oct 22-25, Tampa, Florida.

UMCA organized a cross divisional symposium “Agroforestry for Sustainable Resource Management and Food Security” Presentations included:

Jose, S. 2017. Agroforestry for farm diversification and ecosystem services in temperate North America. Udawatta, R.P. 2017. Water quantity and Quality. How Agroforestry can help?

UMCA also organized a technical session “Agroforestry for Soil Health and Water Quality Benefits”. Presentations Included:

Wickramarathne, N., R.P.P. Udawatta, R. Lerch, F. Liu. 2017. Groundwater nitrogen and phosphorus dynamics under grazed pasture: landscape and management effects.

Udawatta, R.P., and S., Jose. 2017. Agroforestry buffers for non point source pollution reductions from agricultural watersheds.

Rankoth, L.M., R.P. Udawatta, and S. Jose. 2017. Use of agroforestry in biodiversity conservation.

In addition, Center faculty and graduate students presented five posters.

KUDOS

Andy Thomas (Lead PI), along with Co-PIs Michael Greenlief and PhD student Paul Bruner, Pat Byers and Michael Gold, were awarded a Missouri Specialty Crop Block Grant entitled “Development of Elderberry Flowers as a Viable Specialty Crop”. Grant activities include studies on elderflower production, productivity and financial value. In addition, the project will conduct research to better understand the dietary and medicinal constituents of American elderberry flowers, especially their anti-viral capacity. Such information will pave the way for development of a robust elder flower industry which will increase the competitiveness of current and future elderberry producers. The grant award is \$22,457, and runs for two years, Jan. 1 2018 – Dec. 31, 2019.

Fall 2017 Agroforestry MS Graduate

Hannah Hemmelgarn successfully defended her MS Thesis, Nov. 9, 2017. Her graduate committee included: Michael Gold, Hank Stelzer, Anna Ball. Hannah initiated her graduate program in the Fall semester of 2015. Her M.S. Project is entitled: “Agroforestry Education for High School Agriculture Science: A Case Study of the Novel Content Implementation Process.” Hannah and her graduate committee are also project members of an ongoing USDA SARE PDP grant closely linked to her thesis research: “Missouri Agroforestry Summer Institutes: High School Educator Training for Curriculum Delivery.”



UPCOMING EVENTS

Green Lands Blue Waters (GLBW) Annual Conference

Nov. 28-29 | Madison, WI

Includes Mid-America Agroforestry Working Group (MAAWG) session in conjunction with Perennial Farm Gathering (see below). Two day registration: \$185.

For details: <https://www.cias.wisc.edu/glbw2017/>

Perennial Farm Gathering

Nov. 29 | Savanna Institute - Madison, WI

More details can be found at: <http://www.savannainstitute.org/perennial-farm-gathering.html>

Agroforestry in Action Webinar Series -Frontiers in alley cropping: Leveraging multiple species & tree crops

Dec. 6 | 11:00 a.m. CST

Live presentation given by Kevin J. Wolz, PhD. University of Illinois at Urbana-Champaign.

Register here: <http://bit.ly/2hzJw4n>

On day of event, log in at this URL: <https://agroforestry.adobeconnect.com/wolz/>

National Conference on Cover Crops & Soil Health

Dec. 7-8 | Indianapolis, IN

Held by the Soil and Water Conservation Society. More details can be found here:

http://www.swcs.org/en/conferences/2017_national_conference_on_cover_crops/

9th Annual UMCA Agroforestry Symposium: Soil Health in Diverse Cropping Systems

8:30 a.m. - 6:00 p.m. | Jan. 25, 2018 | Columbia, MO

Speakers include: Dr. Wayne Honeycutt, Soil Health Institute; Sara Parker Pauley, Director, Missouri Department of Conservation. Final program details forthcoming.

http://www.centerforagroforestry.org/events/Annual%20Agroforestry%20Symposium_2018.pdf



Center for Agroforestry
University of Missouri

www.centerforagroforestry.org

203 Anheuser-Busch Natural Resources

(573) 884-1448

Michael A Gold, Ph.D., Interim Director