



Action in Agroforestry

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Michael Gold and Hannah Hemmelgarn, editors

Center for Agroforestry Completes 6th Annual Agroforestry Academy

The Center for Agroforestry held its 6th Annual Agroforestry Academy from July 22-27, 2018. Twenty four trainees participated in the 2018 Academy including natural resource professionals, educators, and military veteran farmers, and other farmer/landowners. The highly diverse group came from MO, IL, IA, LA, OH, TX and Washington D.C. During the week the trainees visited four different farms including the MU Horticulture and Agroforestry Research Center; a chestnut / winter wheat alley cropping / elderberry operation; and a mob grazing / silvopasture / shiitake mushroom production farm. Highlights included a “hands on” exercise to mark a timber stand for thinning to create silvopasture paddocks in a woodland setting and a forest farming demonstration to inoculate log-grown shiitake mushrooms. In addition, broken into teams, the trainees visited and then drafted up a whole farm agroforestry design for the 2018 “case study” landowners farm located in Russellville, MO, as their capstone exercise.



Post academy evaluation feedback revealed that trainees were almost uniformly satisfied with the Academy: 91% rated the quality of the Academy as "Excellent", 4% (1 individual) rated the Academy as "Good" and 4% (1 individual) rate the Academy as "Fair". Since its inception in 2013, 152 individuals have attended the Academy, helping to grow our national agroforestry knowledge network.

Photo: Chung-Ho Lin

Publications

Hemmelgarn H, Ball A, Gold M and Stelzer H. 2018. Agroforestry Education for High School Agriculture Science: An Evaluation of Novel Content Adoption following Educator Professional Development Programs. *Agroforestry Systems*. DOI: 10.1007/s10457-018-0278-7

Serra-Cluselas A, De Angelis L, Lin C-H, Vo P, Bayati M, Sumner L, Lei Z, Braga N, Bertini L, Mazza J, Pizzio LR, Stripeikis JD, Rengifo-Herrera JA, Fidalgo de Cortalezzi MM. 2018. Abatement of 2,4-D by H₂O₂ Solar Photolysis and Solar Photo-Fenton-like Process with Minute Fe(III) Concentrations. *Water Research* 144: 572-580.

Job Opening

The Savanna Institute invites applications for a part-time Investment Analyst. They seek applicants who share their passion for regenerative and resilient agriculture, with a preference for applicants who bring fluency and background in finance along with insights into the impact investing ecosystem. The Investment Analyst will lead an array of activities related to scaling tree crop industries in the Midwest US. Successful applicants will be able to leverage expertise in sustainability to innovate strategies that can further finance agricultural sustainability.

The Savanna Institute's culture is highly collaborative and transparent. The Investment Analyst will work closely with other Institute staff including the co-Executive Director and Tree Crop Analyst in all aspects of his/her work. This is a new position that will report to the co-Executive Directors. For more information about the organization and the Investment Analyst position, please visit www.savannainstitute.org. Position will remain open until filled.

Questions? Email kevin@savannainstitute.org. *The Savanna Institute is an equal opportunity employer and actively encourages applications from women and people of all ethnic and national origins and sexual orientations.*

KUDOS



Agroforestry doctoral candidate **Michael Borucke** was awarded a Brown Fellowship in the Spring of 2018 to visit INRA, the French National Agricultural Institute, in Montpellier, France. The purpose of the Brown Fellowship is to stimulate interest among U.S. graduate students in developing an international dimension to their career goals. For three weeks in June-July, he met with agroforestry researchers and modelers to understand the Hi-SAFE agroforestry computer simulation model INRA has developed over the past 16 years. In addition, he toured the alley cropping experimental site in Restinclières, France where a hybrid walnut-winter wheat system was established in 1993 (left).

UPCOMING EVENTS

Nutshell with Tom Wahl: Commercial Chestnut Production

August 28th, 2018 | Free Online Discussion at 6pm CT | The Savanna Institute

The Savanna Institute's Nutshell discussions take place online, live with experts on practical topics in agroforestry and perennial agriculture. In this Nutshell, Tom Wahl of Red Fern Farm (Iowa) and author of *The Iowa Chestnut Primer*, will discuss site selection and planting, growing and maintenance, harvesting and marketing of chestnuts as a commercial enterprise. Limited space is available, so register today at www.savannainstitute.org/events.html.

Nutshell with Mark Cornwell: Partnerships to Tackle Transportation Challenges

September 11th, 2018 | Free Online Discussion at 6pm CT | The Savanna Institute

The Savanna Institute's Nutshell discussions take place online, live with experts on practical topics in agroforestry and perennial agriculture. In this Nutshell, Mark Cornwell will discuss how to create mutually beneficial partnerships to tackle transportation challenges. Limited space is available, so register today at www.savannainstitute.org/events.html.

Fungi Foraging and Cultivation at Wellspring Forest Farm

September 14 - 16, 2018 | Mecklenburg, NY | Wellspring Forest Farm

Explore the wondrous world of fungi and learn how to grow and forage mushrooms with Farming the Woods co-author Steve Gabriel and Olga Tzogas of Smugtown Mushrooms. This 3-day intensive course includes tree ID, forest ecology, stormwater bio-filter construction, and of course cooking and eating mushrooms. Sliding scale (self-determined) fee of \$175-300. No one turned away for lack of funds. \$30 to camp on-site. More information and registration at www.events.wellspringforestfarm.com

12th Annual Chestnut Roast

October 6th, 2018 | 10:00am - 2:00pm | MU Horticulture and Agroforestry Research Center, New Franklin, MO

The University of Missouri Center for Agroforestry is celebrating its 20th anniversary at this year's Annual Chestnut Roast. The event includes roasted chestnut samples and sales, tours of the Horticulture and Agroforestry Research Center Farm and Historic Hickman House, chef demonstrations, local craft and food vendors, and activities for the whole family. The event is free and open to the public. <http://www.centerforagroforestry.org/events/ChestnutRoast2018.pdf>

CAFNR Field Day Calendar

The University of Missouri College of Agriculture, Food & Natural Resources will be holding field days at all of the Agriculture Research Centers throughout the state of Missouri. Agricultural Research Centers extend CAFNR research to more than 14,000 acres across the state to meet regional research and demonstration needs of agricultural producers and natural resource managers. Field days occur in August, September and October. To check out the schedule and for more information: <https://cafnr.missouri.edu/calendar/>



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