



# Action in Agroforestry

September 2018 Vol. 9, No.9 Michael Gold and Hannah Hemmelgarn, editors

## Chestnut Roast Festival to Celebrate Center's 20<sup>th</sup> Year

Each fall, UMCA brings together local specialty crop producers, researchers and educators, crafts people and conservationists to celebrate the harvest with roasted chestnuts, music, farm tours, educational speakers and product booths at the Horticulture and Agroforestry Research Center farm in New Franklin, MO. This year, on Saturday, October 6th, UMCA will also be celebrating its 20th year as an established “big C” Center at the University of Missouri.

The many successes of the Center for Agroforestry, established in 1998, are due to the sustained efforts of many individuals throughout our 20 year history. Along with the founding Director of the Center, Dr. H.E. “Gene” Garrett, recognition is due to former U.S. Senators Christopher “Kit” Bond (MO) and Dale Bumpers (AR). In a bipartisan collaboration, Senators Bumpers and Bond were instrumental in providing financial support in the 1990’s to establish USDA ARS Dale Bumpers Small Farms Research Center in Booneville, AR and the MU Center for Agroforestry.

The core of Garrett’s vision for the Center, **To support the long-term future of rural and urban working farms and forests by achieving economic, environmental and social sustainability** can be summed up in a quote from Aldo Leopold: *“A farm can be regarded as a food factory and the criterion for its success is saleable products. Or, it can be regarded as a place to live, and the criterion for its success is harmonious balance between plants, animals and people; between the domestic and the wild; and between utility and beauty.”*

A fourth key individual who believed in the core mission of the Center, Doug Allen, established the H.E. Garrett Endowed Professor of Agroforestry in 2009, and bequeathed his estate to the Center, helping to solidify our financial future. Dr. Shibu Jose was the second UMCA Director and the H.E. Garrett Endowed Professor, from 2009 – 2017, and during his tenure, built upon the Center’s strengths. In 2017, as Dr. Shibu Jose took the School of Natural Resources Director position, Dr. Michael Gold, who served as the Associate Director from 2002 to 2017, became Interim Director.

Over these twenty years, UMCA has become one of the premier centers of its kind in the world dedicated to agroforestry research, education, outreach and economic



Above, Dr. Garrett, Dr. Gold, Dr. Jose, with UMCA faculty and staff, visit the chestnut repository during a field day event

development, thanks to federal, state, and private funding. The Center has been unusually blessed with long-term continuity in its endeavors. These long-term efforts are now bearing fruit on multiple fronts, and the impacts of our activities have profoundly and positively impacted landowners in Missouri, regionally, nationally and globally.

The Center's strength lies in the success of its dedicated and productive core faculty and staff, active collaborative efforts including over 50 associated faculty, staff and external partners, and graduate students and postdoctoral research associates who define, design and carry out dozens of research, teaching, outreach and economic development projects. The Center also finds strength in the diversity of its stakeholders and friends who believe in agroforestry as a major form of global land use in the coming decades.

Please join us in our celebration of 20 years of sustained effort advancing agroforestry at this year’s Chestnut Roast Festival, Saturday, October 6th from 10am to 4pm. Included in this year’s Chestnut Roast Festival program: Research Center farm tours, tree crop cooking demonstrations, native tree and plant sales, soil erosion rain simulations from NRCS, a corn maze and pumpkin picking patch for kids, historic Hickman House tours, and so much more! Questions? Visit the event page “Chestnut Roast Festival 2018” on Facebook or view the event flyer at [www.CenterForAgroforestry.org](http://www.CenterForAgroforestry.org).

## Job Announcement

The **Research Team Lead** position at the [USDA National Agroforestry Center \(NAC\)](#) is now open. Located in Lincoln Nebraska, this is a permanent, full time, GS-14 Ecologist/Soil scientist position. The Research Team Lead will report directly to the NAC Director. Responsibilities include conducting supportive research, providing leadership for NAC's program of research, and helping to catalyze agroforestry research across a broad spectrum of partners in the public, private, and not-for-profit sectors. The position is open on USA Jobs between **September 11, 2018 and September 24, 2018**. All applications must be submitted through the USAJobs website: <https://www.usajobs.gov/GetJob/ViewDetails/509529400>

For additional information about the duties of this position, please contact Susan Stein at 202-360-9737 or [sstein@fs.fed.us](mailto:sstein@fs.fed.us).

## KUDOS

Welcome to the newly admitted students in the **Agroforestry MS Thesis Graduate Program, Online Agroforestry MS Program, Online Agroforestry Graduate Certificate Program and Jointly Funded Graduate Programs!**

**Starting Summer 2018: Sophie Mendelson, Ph.D.** - working in a jointly funded graduate program with Dr. Michael Gold and Dr. Jon Simonsen (Ag Ed and Leadership – primary graduate home); **Sam Sergent, M.S.** – working with Andy Thomas; **Starting Fall 2018: Shu Yu Hsu, Ph.D.** – working with Dr. Chung-Ho Lin; **Colleen Abels, M.S.** – working with Dr. Chung-Ho Lin; **Jessica Wilson, M.S.** – working with Dr. Alba Argerich; **Olga Romanova, M.S./Fulbright Scholar** – working with Dr. Michael Gold; **Andrew Ireland, Online Graduate Certificate** – working with Dr. Ranjith Udawatta; **David Ferrell, Online M.S.** - working with Dr. Ranjith Udawatta; **Lia Kellogg, Online M.S.** - working with Dr. Ranjith Udawatta; **Katherine Favor, Online M.S.** – working with Dr. Zhen Cai; **Michael Cooley, Online M.S.** – working with Dr. Zhen Cai; **Jodi Trendler, Online Graduate Certificate** – working with Dr. Michael Gold.

**Michael Gold, Zhen Cai, Gregory Ormsby Mori and Hannah Hemmelgarn** have been awarded a **Missouri NRCS Training and Demonstration Grant** entitled **Agroforestry and Specialty Crop Development for Resource Stewardship, Livelihoods and Vibrant Communities across Missouri** to provide specialized agroforestry training and demonstrations to NRCS staff and other interested natural resource professionals and to develop specialty crop workshops. The goal is to create increased awareness and knowledge of agroforestry and specialty crop applications in USDA Conservation programs. First year grant funding is \$26,717.

**Chung-Ho Lin**, with collaborators Anuradha Roy, Xhentian Lei, Lloyd Sumner, Namrita Lall, Mark Coggeshall, Zhen Cai, and Michael Gold have been awarded a School of Natural Resources Mini-grant to **Identify Novel Uses of Black Walnut and its Byproducts through Global Metabolomics Profiling and High-throughput Screening**.

## UPCOMING EVENTS

### Agroforestry in Action Webinar: Olive, Poultry, and Wild Asparagus

*September 19, 2018 | 11:00am CST | Live at <https://agroforestryinaction.wixsite.com/>*

Adolfo Rosati, of the Research Centre for Olive, Citrus and Fruit in Rome, Italy will give a public online presentation "Olive, Poultry, and Wild Asparagus: Integrated Agroforestry Systems for Mediterranean Climates". To register, visit <https://agroforestryinaction.wixsite.com/agroforestryinaction>

### Pecan 101 Workshop

*September 25, 2018 | 9:00am - 4:00pm | Noble Research Institute Kruse Auditorium in Ardmore, OK*

Learn basic management skills to be a successful pecan orchard farmer. \$25 to attend, includes lunch. More information at <https://www.noble.org/events/pecan-101/>

## **Nutshell Discussion with Dan Shepherd on Marketing Pecans**

*September 25, 2018 | 6pm CST | Online event from the Savanna Institute*

Harvest processing and marketing pecans at Pecan Valley: A talk about quality and packaging to get the most out of what you've raised. "Nutshells" are free online discussions. Register at [http://](http://www.savannainstitute.org/events.html)

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## **Agroforestry for Pollinators Field Day**

*September 25, 2018 | 10:00am - 2:00pm | Feral Farm in Jefferson, Wisconsin*

Angelic Organics and the Savanna Institute will host this educational field day focusing on pollinator habitat on farms using USDA programs for financial assistance to plant, with production practices such as agroforestry. \$20 to attend, free to Upper Midwest CRAFT and Savanna Institute members. Register:

<http://estore.learnrowconnect.org/home/Adult-Workshops/FIELD-DAY-Agroforestry-Pollinators.html>

## **11th Annual Private Lands Partners Day**

*October 2-4, 2018 | Partners for Conservation | BassPro White River Conf. Center, Springfield, MO*

This event brings together private landowner leaders and public partners to share experiences with cooperative efforts to conserve rural working landscapes for people and nature, highlighting collaborative and public-private partnership conservation efforts. More info:

[www.partnersforconservation.org](http://www.partnersforconservation.org)

## **Wurdack Farm Producer Field Day**

*October 5, 2018 | 9:00am - 12:00pm | Wurdack Research Center farm Cook Station, MO*

Learn about agroforestry and forestry activities at Wurdack Research Center farm during this morning event. For more information, contact Dusty Walter at [walterw@missouri.edu](mailto:walterw@missouri.edu)

## **Missouri Walnut Council Fall Event**

*October 5-6, 2018 | Mt. Vernon, Richey & Pierce City, Missouri*

The Missouri Chapter of the Walnut Council's fall field days and business meeting is an opportunity to learn and discuss seeding and management options for black walnut and other fine hardwoods with landowners, foresters, and industry representatives. \$20 for members, \$30 for non-members both days, plus some meals. For more information and registration, contact [walnutcouncil@walnutcouncil.org](mailto:walnutcouncil@walnutcouncil.org)

## **2018 Chestnut Roast Festival**

*October 6, 2018 | 10am - 4pm | Horticulture and Agroforestry Research Center, New Franklin, MO*

Celebrate the Center for Agroforestry's 20<sup>th</sup> anniversary with HARC farm tours, educational speakers and demonstrations, native plants, trees, food, and craft vendors, live music, and kids activities. More information and a complete schedule at [www.CenterForAgroforestry.org](http://www.CenterForAgroforestry.org)

## **Nutshell Discussion with Mark and Tammy Allen: Sawmill as Second Income**

*October 9, 2018 | 6pm CST | Online event from the Savanna Institute*

Tammy and Mark Allen will share about their 20 years of experience operating a small sawmill as a second income. This online discussion is free and open to the public. Register at

[www.savannainstitute.org/events.html](http://www.savannainstitute.org/events.html)

## **38th Central States Forest Soils Workshop**

*October 9-11, 2018 | Indiana Association of Professional Soil Classifiers | Van Buren, MO*

Forestry and soils professionals will discuss the interaction of their fields and how to improve both, plus networking for forest products, management, and economics. More information at

<https://www.eventbrite.com/e/38th-central-states-forest-soils-workshop-tickets-47031523553>

or contact Dena Anderson at [dena.anderson@in.usda.gov](mailto:dena.anderson@in.usda.gov)

## Managing Shade for Profitable Beef Production

*October 10, 2018 | 2:00pm - 5:30pm | Tomazi-Mingo farm in Saint James, Missouri*

Tour operation utilizing natural shade in rotationally grazed paddocks, learn about managing forages, timber, and livestock in an integrated system, plus livestock genetics and portable breeding barn demonstration. \$10 includes hot dinner. More information:

<http://www.centerforagroforestry.org/events/MingoFarm.pdf> or call (573)882-9866

## Forest Farming in Missouri

*October 12, 2018 | 9:00am - 4:00pm | HARC farm in New Franklin, Missouri*

This workshop, which will cover basic forest farming principles for growing mushrooms, medicinals, edible and decorative floral products, is available free of charge for natural resource and agricultural service providers and educators. For more information, contact Gregory Ormsby-Mori at

[ormsbyg@missouri.edu](mailto:ormsbyg@missouri.edu) or call (573)882-9866

## 2nd Annual White Oak, Wine and Whiskey Tour

*October 13, 2018 | 8:30 am - 4:30 pm | MU Extension | Hilton Garden Inn, Columbia, MO*

The all-day tour by coach bus begins at 8:30 a.m. and toasts the state's unique contributions to the wine and whiskey industries. Visit two cooperages and a winery. Cost \$75 per person, \$125 per couple. Registration deadline Sept. 30<sup>th</sup>. To reserve your spot, go to:

<https://extension2.missouri.edu/events/white-oak-whiskey-and-wine-tour>

## Woodland Management in Missouri

*October 19, 2018 | 9:00am - 4:00pm | Wurdack Research Center, Cook Station, Missouri*

This workshop is available free of charge to natural resource and agricultural service providers and educators. For participating extension personnel, travel costs are covered. More information and to register, contact Gregory Ormsby-Mori at [ormsbyg@missouri.edu](mailto:ormsbyg@missouri.edu) or call (573)882-9866

## 2018 Annual Missouri Forage & Grassland Council Conference

*October 29-30, 2018 | Capitol Plaza Hotel & Conference Center, Jefferson City, Missouri*

This year's MFGC conference features speakers addressing profitable, multispecies grazing, genetics, and networking. Complete agenda and registration available at <https://mofgc.org/conference/>

## Benefits of Agroforestry in Transitioning and Organic Systems

*December 4, 2018 | 2:00pm CST | Live webinar at [www.conservationwebinars.net](http://www.conservationwebinars.net)*

This webinar presented by USDA Natural Resources Conservation Service, will feature Bart Lawrence, USDA Forester, and Richard Straight, USDA National Agroforestry Center Technology Transfer Leader, who will share how trees and shrubs can provide benefits for organic systems.

## 6th Annual Perennial Farm Gathering

*December 7-8, 2018 | Savanna Institute | Lussier Family Heritage Center, Madison, Wisconsin*

If you're interested in perennial crops and pastured livestock, come learn what farmers, scientists, and others are discovering - what's working and what needs more work. More information and registration at

<http://www.savannainstitute.org/perennial-farm-gathering.html>



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