

STATE TECHNICAL COLLEGE OF MISSOURI

ARD Updates

ASSOCIATION OF 1890 RESEARCH DIRECTORS

May, Vol. 13, Issue 5



Message from the Chair Dr. Chandra Reddy

Dear Friends and Colleagues,
As summer rapidly approaches, our calendars are filled with several workshops, meetings and conferences. Among these gatherings important to the 1890 research community are the Southern Mini Land-Grant Meeting hosted by Prairie View A&M University and Texas A&M University, the USDA Priorities Meeting co-hosted by the Council of 1890 Universities and the Socially Disadvantaged Farmers and Ranchers Research Policy Center, the Joint COPS hosted by the APLU and the 1890 System-wide Extension Conference hosted by the Association of Extension Administrators.

DR. CHANDRA REDDY

Focusing on the theme, "Working Together for Impact," on May 16-19, the Southern Region Mini Land-Grant Meeting brings together leaders in College Station, TX from seven groups from both 1862 and 1890 land-grant universities to explore avenues for improving the roles of each group and the entire land-grant system.

These seven groups, including university administrators and their stakeholder representatives, are Administrative Heads Section – Southern Region, Academic Programs Section – Southern Region, the Southern Association of Agricultural Experiment Station Directors, the Association of 1890 Research Directors, the Association of Southern Region Extension Directors, the 1890 Association of Extension Administrators and the Council for Agricultural Research, Extension, and Teaching – Southern Region.

The meeting's primary purpose is to foster interactive discussions, planning and actions across all participating administrative units to enhance the effectiveness of land-grant agricultural colleges' programs, processes and impacts through



NIFA names Toombs/Elrod to acting posts

DR. DIONNE TOOMBS has been appointed to serve as acting director of USDA NIFA.

With over a decade of USDA service, Toombs has significantly contributed to USDA's agricultural research, education and Extension services while serving in various leadership roles. Most recently, she was director of the Office of the Chief Scientist (OCS). She served as the head of the Division of Nutrition at NIFA and as the national program leader (NPL) for the Agriculture Food and Research Initiative. Before serving as NPL, Toombs was a program specialist for Food Science and Nutrition at the former USDA Cooperative State Research Education and Extension Service, now NIFA. She started at USDA as a student intern at USDA's Agriculture Research Service.



DR. DIONNE TOOMBS



DR. BRENT ELROD

Toombs earned her Ph.D. in nutritional sciences from Howard University, her master's degree in food science from Alabama A&M University and her bachelor's degree in biology from Bethune-Cookman University.

Additionally, with the departure of Parag Chitnis, NIFA liaison to ECOP and longtime NIFA program leader **BRENT ELROD** will step in as acting associate director of programs. ECOP congratulates these outstanding leaders.

See Reddy on Page 5

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Congress approved the Evans-Allen Act of 1977 to provide capacity funding for food and agricultural research at the 1890 land-grant universities and Tuskegee University (the 1890 Institutions) similar to that provided to the 1862 universities under the Hatch Act of 1887. Research conducted under the Evans-Allen Program has led to hundreds of scientific breakthroughs of benefit to both the unique stakeholders of the 1890 institutions and the nation as a whole. The Evans-Allen Program has been extremely important in allowing the 1890 institutions to attract top-notch scientists to their campuses, conduct high-quality and innovative research and become more fully integrated within the land-grant system.

Below are examples of impacts from the 1890 research program submitted by scientists at Florida A&M University.

Kanga discovers pathogens to control honeybee mite population

Honeybees (*Apis mellifera* L.) are economically important not only for honey production but also for crop pollination. The added value of crops pollinated by honeybees was estimated at \$20 billion per year in the U.S. Unfortunately, the number of honeybee colonies in the U.S. has drastically declined in the last few years due mainly to the infestations of the ectoparasitic Varroa mite (*Varroa destructor* Anderson and Trueman). The ectoparasitic Varroa mite, the main culprit of the devastating disease called colony collapse disorder, has also developed resistance to miticides, thus, has become a serious threat to beekeeping in the U.S. and worldwide. This situation has become a national security issue and threatens food production and food security. However, the unique biology of Varroa mite has prevented the use of many control strategies.



DR. LAMBERT KANGA

Despite all the challenges, Dr. Lambert H. B. Kanga pioneered a rearing technique in the laboratory and successfully reared Varroa mites and conducted more than a hundred fungal pathogen bioassays. He discovered that two fungal pathogens (*Metarhizium anisopliae* and *Hirsutiella thompsonii*) could successfully control Varroa mite populations in honeybee colonies at brood nest temperatures (~35 °C).

Kanga's findings are known worldwide and translated into many languages (Spanish, French, Italian, Russian, German, Chinese, etc.). They were reported in prestigious journals such as the British journal "Biologist" and newspapers (French Newspaper "Le Figaro," The Tallahassee Democrat in Florida and many more).

These findings prompted similar studies not only in the U.S. but worldwide. Kanga's discoveries have warranted patent applications and he is currently working with fungal producing companies (Lichodem, Inc. (USA) and Korte Lüth GmbH, Inc. (Germany) to put these fungal products on the market.

The integration of microbial control agents as a stand-alone application of fungal spores or/and in rotation with organic

acid and botanical oil compounds provides new avenues (chemical free) for managing major pests of honeybees (more than 2.7 million colonies) and contributes to the safeguard of U.S. agriculture.

Kanga also shared his findings with beekeepers and stakeholders at several local, regional, national and international venues, beekeeper associations meetings and professional meetings. Kanga



has also served as an expert consultant for National Public Radio, the American Society for Microbiology, the Spanish channel Univision and the Black News Channel on using fungal pathogens to control Varroa mites in honeybee colonies and issues associated with invasive pest species.

As a testimony to the high-impact research and novel discoveries related to honeybees, Kanga received the 2021 Friends of Southern Integrated Pest Management "Bright Idea" Award from the Friends of Southern Integrated Pest Management Professional Awards. He also received the 2022 Excellence in Integrated Pest Management Award by the Southeastern Branch of the Entomological Society of America.

For more information, contact: [Dr. Lambert Kanga](#) or 850-599-8725.

Research team generates first *Muscadinia* grape genome sequence

A team of researchers from the Florida A&M University (Center for Viticulture and Small Fruit Research), Southern University and the Florida State University, under the leadership of Dr. Islam El Sharkawy (CVSFR, FAMU), have been able to complete the major milestone and generate the first *Muscadinia* grape Whole Genome Sequence (WGS). Recently, the team members published the related work in the prestigious journal of Horticulture Research. Crop improvement through breeding brings immense

value relative to investment and offers an effective approach to strengthening food security. Native American *Muscadinia* grape germplasm holds distinctive quality characteristics, including resistance to most diseases that limit the worldwide production of bunch grapes, tolerance to heat and humidity, adaption to poor soil and the unique profile of beneficial phytochemicals, broad aroma spectrum and pleasant fruit/vinification qualities.

See Grapes on Page 3

Lincoln organizes LU Day at state capitol

On April 20th, Lincoln University organized the LU Day at Capitol campaign at the Missouri State Capitol. This event showcased the most successful research and Extension programs and accomplishments in food and agriculture within the College of Agriculture, Environmental and Human Science (CAEHS). Exhibits were displayed between the House and Senate chambers, giving lawmakers the chance to view Lincoln's great work while being reminded of the need for their support. The primary goal of this event was an effort to request a one-to-one state match for LU's land-grant programs.

Dr. Majed El-Dweik, dean of CAEHS, led LU employees and team members who were showcasing their research and Extension activities. Dr. John Yang, associate director of Research, oversaw research initiatives, with faculty and staff speaking to legislators and other visitors on topics such as industrial hemp, organic farming, soil health, GIS application, small ruminants and specialty crops. Ms. Yvonne Matthews, the associate administrator of Extension, managed

her team who held exhibits on the LU's Cooperative Outreach programs – aquaculture, watershed management, nutri-

tion and integrated pest management. The following week, lawmakers visited Lincoln University to see what CAEHS has accomplished in food and agriculture research and Extension as a land-grant university. The timing of this visit was beneficial, as the decision for the

state match will be announced publicly soon. Missouri has underfunded Lincoln University for the required state match for the past 30 years. However, Lincoln University is leading some research and Extension projects throughout the state, such as native plants, horticulture, microgreens, aquaculture, industrial hemp, organic farming and small ruminants. One of Lincoln University's missions is to help populations of minorities, underserved

farmers and rural communities. An increase in funding from the state would allow Lincoln to expand its research and Extension programs, providing better services to communities in need.



Lincoln University Day at the Capitol featured information booths including blood pressure checks.



Grapes . . . from page 2

The evolution in grape breeding for sustainable production is largely dependent on a comprehensive understanding of its genomic basis. Thus, the importance of muscadine grapes is due to their commercial value and as a source of valuable germplasm that can enable us to understand the molecular dialogues underlying diverse economically important traits.

El Sharkawy capitalizes on the latest achievements of genomic technologies to deliver the long-needed critical knowledge on the muscadine WGS for the benefit of the national viticulture industry at large. The complete sequencing of the muscadine genome provides an invaluable new knowledge foundation for scientists and grape breeders to explore the inheritance

of complex genetic characteristics underlying economically important traits that significantly impact grape biology.

The availability of muscadine WGS will facilitate the molecular breeding of new muscadine varieties with enhanced disease resistance, improved production traits and better fruit quality attributes. This supports a more sustainable production of muscadine grapes from environmental and financial perspectives. The aim is to develop a breeding platform that meets the industry demands under challenging climate and increased pathogen pressures.

For more information, contact: Dr. Islam El Sharkawy at [iam.elsarkawy@famuc.edu](mailto:lam.elsarkawy@famuc.edu) or (850) 599-8685. The project was supported by the 1890 Capacity Building Grants Program of the USDA's National Institute and Agriculture (NIFA).



Faculty/Student Opportunities

FOREIGN AG SERVICE FELLOWS PROGRAM

The Scientific Exchange Program (SEP) leverages the latest developments in cross-cutting agricultural priorities, research and technologies to educate a new generation of agricultural scientists to promote trade, trade policy, trade capacity building and food security.

The collaborative nature of the SEP training and research programs improves agricultural productivity, systems and processes in partnering with emerging market economies through the transfer of new science and agricultural technologies. USDA may also use the program as a market development tool to assist in opening markets and decreasing or eliminating trade barriers in low- to middle-income countries, which ultimately increases and creates new trade opportunities for U.S. agricultural exports.

SEP focuses on a cohort of Fellows who will spend up to 12 weeks at the U.S. academic institution and work directly with U.S. scientists in their fields. Each Fellow must hold a minimum of a master's-level degree, be in the early or middle stage of their career and represent a university, government agency or research entity in their home country. Mentors coordinate the training program in the United States. Upon the Fellow's return home, the mentor travels to the Fellows country to follow up. SEP is administered by USDA's Foreign Agricultural Service, Global Programs and Fellowship Programs.

Post Date: April 20 | Application Closing Date:

June 6 | Estimated Total Program Funding:

\$1,500,000 | Award Ceiling: \$500,000

For more information, [click here](#).



CISC HBCU GRADUATE FELLOWSHIP PILOT

The [CISC HBCU Graduate Fellowship Pilot \(CHFP\)](#) is an exciting opportunity for students attending HBCUs pursuing graduate degrees in food systems, agriculture, natural resources or related fields. This program is funded by the W.K. Kellogg Foundation and runs through the 2022-2023 academic year (Sept.-June).

To learn more, [students may visit](#) here. Click to find the direct link to the [2022-2023 application](#). The application period closes by **11:59 p.m. PST (2:59 p.m. Eastern Time) on Monday, June 13.**

Contact Dr. [Natilee McGruder](#), **CISC HBCU Fellowship Pilot Program Manager**, College of Agriculture, Environment, and Nutrition Sciences, [Carver Integrative Sustainability Center](#), Tuskegee University, Email: chfp@tuskegee.edu.

1890 Faculty Research Sabbatical Program

1890 Faculty Research Sabbatical Proposals are now Due May 20th!



The [1890 Faculty Research Sabbatical Program](#) is an opportunity for 1890 land-grant university faculty to participate in a residency at an ARS laboratory to conduct cooperative research of mutual interest with ARS. Individuals can explore potential partnerships on the [1890 Partnerships Hub](#) and visiting the [ARS Research Home](#) page.

Visit the [1890 Faculty Research Sabbatical Program : USDA ARS](#) website to find the necessary information and required forms to take advantage of this opportunity before it is too late!

Eligibility:

ARS will accept proposals from faculty at any of the 1890 LGUs for the 1890 FRSP through April 4th.

The proposal must be co-authored by:

- A tenure-track or research-track 1890 LGU faculty member who:
 - Has been employed for a minimum of 3 years in his/her current position at the time of proposal submission; and
 - Is approved for sabbatical leave by his/her home institution; and
- Any full time ARS scientist (ARS host mentor) who:
 - Will be the ARS PI on the NACA and host / mentor the 1890 LGU faculty member;
 - Has successfully completed the prescribed probationary period, is in good standing relative to performance, and has supervisory approval;
 - Has adequate facilities and other resources necessary to host an 1890 LGU faculty member; and
 - Has worked with the 1890 LGU faculty member to identify a research project that is complementary and relevant to his/her in-house research program.



Any 1890 LGU faculty member who has participated in the 1890 FRSP in the past may reapply for the program, provided at least 3 years have passed since the end date of their previous 1890 FRSP award.

Visit our [1890 Partnerships Hub](#) to view a list of ARS scientists actively seeking 1890 research partners.

Timeline:

May 20th, 2022: Submission deadline to 1890FRSP@usda.gov.

Note: The ARS host mentor must submit a completed proposal through his/her supervisory chain prior to this date.

June 6, 2022: Latest date at which ARS will notify awardees.

Awards will be executed between June 15, 2022, and August 31, 2022.

September 1, 2022:

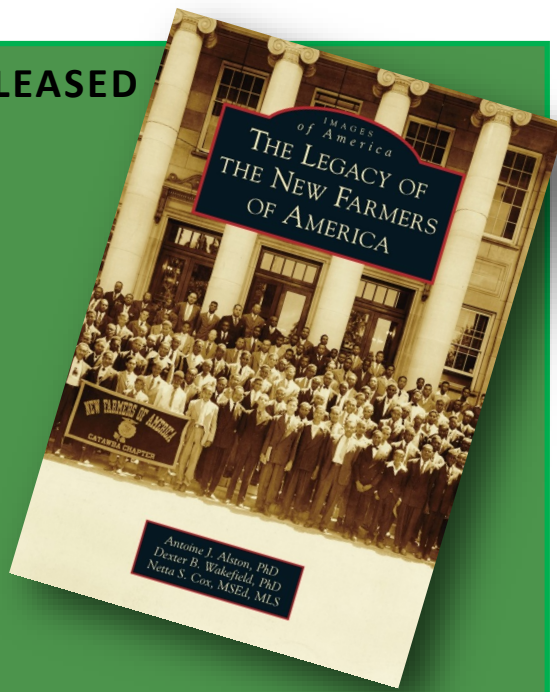
- Earliest start date for an onsite sabbatical.
- Research collaboration must begin no later than this date. Research collaborations may begin virtually and involve training, planning, and other prep work for the onsite sabbatical.

September 30, 2022: 1890 FRSP awardees must begin drawing funds from their FY22 award via the DHHS-Payment Management System no later than this date.

- June 1, 2023: Latest start date for an onsite sabbatical. (Onsite residency may be delayed to summer 2023 but must begin no later than this date.)
- At the conclusion of the award, the 1890 LGU faculty member and ARS host mentor / ARS PI will be required to complete an accomplishment report.

NEW BOOK RELEASED

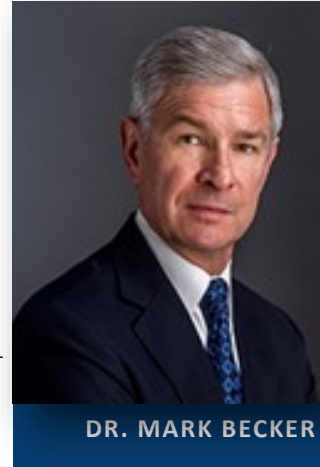
“The Legacy of The New Farmers of America” provides a historical narrative and pictorial history of the New Farmers of America, the African American version of the National FFA Organization before 1965, for black males enrolled in secondary vocational agricultural education. As a historical note, each state’s 1890 land-grant institution served as the headquarters for its respective state association. Click on the links below to order the book: [Arcadia Publishing](#), [Barnes and Nobles](#), [Target](#), [Walmart](#), [Amazon](#).



APLU taps Becker

APLU announced that Mark P. Becker, former president of Georgia State University and lifelong champion of equity and student success, will serve as the association's next president, effective Sept 1.

Becker most recently served for a dozen years as president of Georgia State University, where he put the institution on the map as a national leader in higher education innovation, driving massive gains in retention and degrees awarded while eliminating the equity gap. [The full announcement is here.](#)



DR. MARK BECKER

Reddy ... from page 1

greater integration and collaboration throughout the Southern U.S. This will be an opportunity to examine common issues jointly, explore best practices and initiate new partnerships with colleagues and key stakeholders, both within your state and across the region. ARD will be meeting separately and jointly with AEA, the Southern Experiment Station Directors and Southern CARET to discuss issues specific to each organization.

The Council of 1890 Universities and the Socially Disadvantaged Farmers and Ranchers Policy Research Center are co-hosting a strategic planning meeting in New Orleans, LA, June 7-8. This meeting aims to discuss USDA priorities for 2022 and how the 1890 universities can contribute to the success of these priorities. USDA Secretary Thomas Vilsack and key USDA leadership and staff have been invited to participate in sharing their insights. The two-day strategic planning meeting is designed to produce a strategy with actionable items and commitments from the land-grant community regarding how the 1890 universities plan to contribute to the USDA priorities. The 1890 research directors, Extension administrators and deans of agriculture will be fully engaged in these discussions.

Focusing on the theme, “Moving into The New Normal,” the APLU hosts Joint Committees on Organization and Policy (COPS) Summer Meeting in Washington, DC, July 19-21. Among the topics for discussion and decision-making by the Experiment Station Committee on Organization and Policy (ES COP), the Extension Committee on Organization and Policy (ECOP), the Academic Programs Committee on Organization and Policy (ACOP) and the International Committee on Organization and Policy (ICOP) will include USDA priorities, budget and 2023 Farm Bill priorities.

The Association of Extension Administrators (AEA)

will hold the 1890 System-wide Extension Conference at the Renaissance Orlando at SeaWorld in Orlando, Florida, from July 30- Aug. 4. The conference will provide a forum for Extension educators, specialists, administrators, research professionals and public and private partners to learn, share innovative ideas, best practices and explore collaboration opportunities for advancing impact-driven Extension programs in the 1890 Cooperative Extension System. Professional development workshops, exhibits and presentations on innovations and best practices will dominate the three-day conference.

The ARD Summer Business meeting will be held with the AEA System-wide Conference. Prepare to roll up your sleeves because we have a very extensive agenda with several issues important to ARD. Among these issues are refining our priorities for the 2023 Farm Bill, mapping ARD’s strategic priorities with USDA and USDA/NIFA’s priorities, 1890 student scholarships, the 1890 centers of excellence and communicating effectively the impacts of our work with a focus on broader impacts (BI), a NSF Initiative.

Finally, this edition of *ARD Updates* contains the highlights of our record-setting ARD Research Symposium. The 20th Biennial Research Symposium was held at the Atlanta Marriott Marquis, April 2-5, focusing on the theme “The 1890 Research and Innovation Agenda: Pathways to Build Back Better.” The 1890 symposia’s goal was to provide a forum for interactions, share knowledge, expand partnerships through networks as well as showcase the talents and achievements of the 1890 community. A special thanks go to our major sponsors: NIFA, NRCS, Southern SARE, Microsoft, ARS, the Socially Disadvantaged Farmers and Ranchers Policy Research Center, the Forest Service and Syngenta Global.



Liang and Bernard capture top ARD Symposium Awards

Two 1890 researchers received the top awards during the recent biannual symposium. **DR. CHYI-LYI (KATHLEEN) LIANG** from North Carolina A&T State University received the Morrison-Evans Outstanding Scientist Award and **DR. GREGORY BERNARD** from Tuskegee University received the B.D. Mayberry Young Scientist Award.

Liang received her bachelor's degree in agricultural economics from National Taiwan University, master's degree and Ph.D. in resource economics from Purdue University.

She is a W. K. Kellogg distinguished professor of Sustainable Agriculture and Community Food Systems and director of the Center for Environmental Systems. Liang's roles in performing scientific/administrative leadership, fostering/facilitating interdisciplinary and multidisciplinary collaborations across institutions and providing leadership in operation and management by supporting faculty, staff, students and stakeholders through grant writing, innovative outcome-based field experiments, public-private relations and collaborative networks.

Liang is the founder of Dollar Enterprise and the first entrepreneurship major in colleges of agriculture in the United States. Liang has created ABM 250 Dollar at North Carolina A&T for undergraduate students of all majors focusing on new venture creation with recycle/renewal/reuse concepts and service-learning/experiential learning dynamics.

Liang is a national and international leader in financial management and benchmarking, multifunctional and sustained agriculture, community entrepreneurship, networking and coalition building, science communication and policy analysis. Her unique interdisciplinary research expertise in agriculture/food systems and sustainability has led to change and guided people to adopt results-driven strategies in problem-solving with limited resources.

Since 2016, Liang has collaborated with more than 50 multidisciplinary scholars, served in leadership positions for 25+ public-private collaborative entities and obtained over \$15.7 million for 19 integrated projects as PI/Co-PI; published 22 refereed journal articles, 12 refereed abstracts and eight refereed proceedings. She has worked with colleagues and students to present 65 research papers at interdis-

ciplinary conferences involving agriculture, geosciences, economics, engineering, entrepreneurship and community development.

Bernard received her bachelor's degree in animal science from N.C. A&T, and the master's degrees in animal health and plant pathology, respectively, from N.C. A&T and North Carolina State University. He earned a Ph.D. in integrative biosciences from Tuskegee University. Since joining Tuskegee as an assistant professor, Bernard has received over \$2 million as principal investigator or co-principal investigator in competitive grants. He has authored over 11 refereed journal articles and has



DR. CHYI-LYI LIANG



DR. BERNARD



Opening the 2022 ARD Symposium

made several presentations at professional meetings with five abstracts published in refereed journals. Bernard's research has focused on deciphering the genetic and molecular basis of parasite interactions in plant resistance biopesticides and elucidating molecular mechanisms of nanobi-

otechnology in plant disease resistance management. He is also involved in integrating autonomous farming and assisted phenotypic analysis in research.

Bernard is a recipient of the Tuskegee University Outstanding Faculty Teaching. He teaches a course in plant and animal biotechnology, molecular and immunogenetics and an undergraduate seminar. Bernard is passionate about educating young minds and mentors both master's and Ph.D. students and serves as mentors to undergraduate students in plant and the environmental sciences.



ARD STUDENT ORAL AND POSTER AWARD WINNERS ORAL PRESENTATIONS WINNERS

Plant Health and Production and Plant Products

- 1st Place Graduate - Madhav Parajuli, *Tennessee State University*
- 2nd Place Graduate - Berson J. Valcin, *Tuskegee University*
- 2nd Place Graduate - Adrienne Brown, *Tuskegee University*

- 1st Place Undergraduate - Emily Archer, *Central State University*
- 2nd Place Undergraduate - Robert Lewis, *Prairie View A&M University*
- 3rd Place Undergraduate - Camille Conner, *University of Arkansas at Pine Bluff*

Animal Health and Production and Animal Products

- 1st Place Graduate – Jeff Stevens, *University of Arkansas at Pine Bluff*
- 2nd Place Graduate – Michelle Loftus, *Kentucky State University*
- 3rd Place Graduate – Kunle Taofeek, *Alabama A&M University*

- 1st Place Undergraduate – Joseph Richardson, *North Carolina A&T State University*
- 2nd Place Undergraduate – Zynia Alvarez, *Florida A&M University*
- 3rd Place Undergraduate – Melissa Flores, *Virginia State University*

Food Safety, Nutrition, and Health and Health Disparities

- 1st Place Graduate – Richmond Djorgbenoo, *North Carolina A&T State University*
- 2nd Place Graduate – Rycal Blount, *North Carolina A&T State University*
- 3rd Place Graduate – Chanelle L. Acheamfour, *University of Maryland Eastern Shore*

- 1st Place Undergraduate – Alton B. Chambers, *Alabama A&M University*
- 2nd Place Undergraduate – Aliah Jacobs, *Virginia State University*
- 3rd Place Undergraduate – Praise Ola, *Alcorn State University*

Renewable Energy, Natural Resources, Environment and Climate Change

- 1st Place Graduate – Kimberly Bowman, *Alabama A&M University*
- 2nd Place Graduate – Diana B. Frimpong, *Southern University*
- 2nd Place Graduate – Matilda Anokye, *Southern University*

- 1st Place Undergraduate – Camron Jones, *Virginia State University*
- 2nd Place Undergraduate – Emmitt Higgins, *Central State University*
- 3rd Place Undergraduate – Gilbert Robinson, *Central State University*

Family, Youth, Community, and Economic Development

- 1st Place Graduate – Naila McCrane, *Florida A&M University*
- 2nd Place Graduate – Andrew Miller, *Florida A&M University*
- 3rd Place Graduate – Victoria Tanoh, *North Carolina A&T State University*

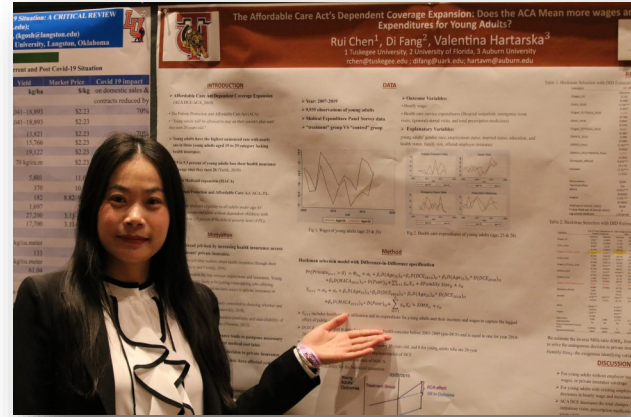
- 1st Place Undergraduate – Ashley Montgomery, *Southern University*
- 2nd Place Undergraduate – Tavion Shaw, *Langston University*
- 3rd Place Undergraduate – Kearis Ivey, *Fort Valley State University*

POSTER PRESENTATIONS WINNERS

Plant Health and Production and Plant Products

- 1st Place Graduate – Ashlee George, *North Carolina A&T State University*
- 2nd Place Graduate – Vernita Smith, *Fort Valley State University*
- 2nd Place Graduate – Andre Johnson, *Prairie View A&M University*

- 1st Place Undergraduate – Tayliah Swain, *Central State University*





Winner . . . from page 7

- 2nd Place Undergraduate – Kayla Staten, *Fort Valley State University*
- 3rd Place Undergraduate – Michael Ibarra Bautista, *Virginia State University*
- 3rd Place Undergraduate – Ashyah Brown, *Prairie View A&M University*

Animal Health and Production and Plant Products

- 1st Place Graduate - Lauren Mayo, *Tuskegee University*
- 2nd Place Graduate – Eugeon Noh, *University of Maryland Eastern Shore*
- 3rd Place Graduate – Kaysi Mitchell, *Tuskegee University*
- 3rd Place Graduate – Mariline Hilaire, *Delaware State University*
- 3rd Place Graduate – Jasmine Boone, *Tuskegee University*

- 1st Place Undergraduate – Logan Prenger, *Lincoln University*
- 2nd Place Undergraduate – Hannah Knuckles, *University of Arkansas at Pine Bluff*
- 3rd Place Undergraduate – Kevin Brown, *Virginia State University*

Food Safety, Nutrition, and Health and Health Disparities

- 1st Place Graduate –Rajwinder Kaur, *Alabama A&M University*
- 2nd Place Graduate – Jasmine Smalls, *University of Maryland Eastern Shore*
- 3rd Place Graduate – Alexandra Ovalle-Cisneros, *Virginia State University*

- 1st Place Undergraduate – Lenaye Palmer, *Prairie View A&M University*
- 2nd Place Undergraduate – Jaliah Henderson, *Florida A&M University*
- 3rd Place Undergraduate – Alton B. Chambers, *Alabama A&M University*
- 3rd Place Undergraduate – McKinley Reagor, *Langston University*

Renewable Energy, Natural Resources, Environment and Climate Change

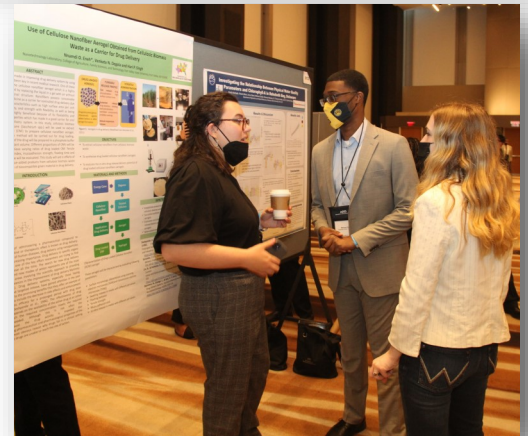
- 1st Place Graduate – Bahare Salehi, *North Carolina A&T State University*
- 2nd Place Graduate – Jude Addo-Chidie, *Lincoln University*
- 2nd Place Graduate – Nnamdi Eneh, *Fort Valley State University*

- 1st Place Undergraduate – Bryan Robinson, *Prairie View A&M University*
- 2nd Place Undergraduate – Ehiguese Obiomon, *Prairie View A&M University*
- 3rd Place Undergraduate – Karimah Preston, *North Carolina A&T State University*
- 3rd Place Undergraduate – Desmyn Owens *Virginia State University*

Family, Youth, Community, and Economic Development

- 1st Place Graduate – Christopher Rogers, *Southern University*
- 2nd Place Graduate – Keonna King, *Alabama A&M University*
- 3rd Place Graduate – Alexis Presnell, *Alabama A&M University*
- 3rd Place Graduate – Darlene Minniefield, *Alabama A&M University*

- 1st Place Undergraduate – Hannah Grogan, *Lincoln University*
- 2nd Place Undergraduate – Cirrus Davis, *University of Arkansas at Pine Bluff*
- 3rd Place Undergraduate – Nia Freeman, *Alabama A&M University*





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Non-Elected

Alton Thompson (Exec. Director)

Email: athompson1@ncat.edu

1890 Land Grant Universities

- [Alabama A&M University](#)
- [Alcorn State University](#)
- [Central State University](#)
- [Delaware State University](#)
- [Florida A&M University](#)
- [Fort Valley State University](#)
- [Kentucky State University](#)
- [Langston University](#)
- [Lincoln University](#)
- [North Carolina A&T State University](#)
- [Prairie View A&M University](#)
- [South Carolina State University](#)
- [Southern University and A&M College](#)
- [Tennessee State University](#)
- [Tuskegee University](#)
- [University of Arkansas at Pine Bluff](#)
- [University of Maryland Eastern Shore](#)
- [Virginia State University](#)
- [West Virginia State University](#)

ARD Updates is published monthly by the Association of Research Directors. To suggest articles, contact Dr. Alton Thompson at athompson1@ncat.edu

JOB OPPORTUNITIES

ASSOCIATE RESEARCH DIRECTOR, 1890 RESEARCH & EXTENSION, SOUTH CAROLINA STATE UNIVERSITY - A Ph.D. in Agriculture, community development, family and consumer sciences or related field required. Ten years of experience, including a minimum of five years in research with administrative experience desired. Interested candidate can submit a CV and letter of interest to psahumanresources@scsu.edu or [apply online](#).

RESEARCH VETERINARIAN COLLEGE OF AGRICULTURE AND HUMAN SCIENCES, PRAIRIE VIEW A&M UNIVERSITY - The application deadline is open until filled. To view this job announcement in its entirety and to apply online, please visit our [External Careers Site](#) if you are an external applicant or at our [Internal Careers Site](#) if you are an internal applicant. For assistance, please contact the Office of Human Resources at 936-261-1730 or jobs@pvamu.edu.

TENURE-TRACK ASSISTANT, ASSOCIATE OR FULL PROFESSOR OF AGRICULTURAL ECONOMICS (AGRI-BUSINESS) COLLEGE OF BUSINESS AND SOCIAL SCIENCES, WEST VIRGINIA STATE UNIVERSITY

ASSOCIATE DEAN AND DIRECTOR, VIRGINIA COOPERATIVE EXTENSION

Virginia Tech and Virginia Cooperative Extension (VCE) have launched a national search for a new Associate Dean and Director of VCE. We seek an energetic leader, strategic thinker, relationship builder, and gifted communicator who will strengthen the role of VCE and the college throughout the university and the communities it serves. Interested individuals should visit the [search webpage](#). Direct questions to [Dr. Tom Thompson](#), associate dean and director of CALS Global.

NATIONAL PROGRAM LEADER (NPL) WITH EXPERTISE IN BIOLOGICAL SCIENCES (Plant Pathology/ Microbiology; Food Science/Meat Processing; Human Nutrition; Natural Resource Economics; Adoption of Technology or Conservation Practices; Traditional Ecological Knowledge; Education; Workforce Development). Contact [Dr. Deb Hamernik](#), Deputy Director, Institute of Food Production & Sustainability (FPS), (816) 868-8664.

NATIONAL PROGRAM LEADER (NPL) WITH EXPERTISE IN SOCIAL SCIENCES (Human Nutrition, Natural Resource Economics, Adoption of Technology or Conservation Practices; Traditional Ecological Knowledge; Education; Workforce Development). Contact [Dr. Deb Hamernik](#), Deputy Director, Institute of Food Production & Sustainability (FPS), (816) 868-8664.

RESEARCH ASSISTANT PROFESSOR POSITIONS, Cooperative Agricultural Research Center, College of Agriculture and Human Sciences, Prairie View A&M University. [Click for more information](#).

CALENDAR



CENTRAL STATE UNIVERSITY GEOSCIENCE WORKSHOP | Think Specially: What Can I do With Remote Sensing in Geoscience? May 23– 27.

2022 JOINT COMMITTEES ON ORGANIZATION AND POLICY (COPS) SUMMER MEETING |

July 19 – 21, 2022 | Omni Shoreham Hotel, Washington DC

Draft Agenda:

Tuesday, July 19, 6:30-8 p.m. ET: Opening Session & Dinner

Wednesday, July 20, 8 a.m.- Noon ET: ESCOP Business Meeting

Wednesday, July 20, 3:30-5 p.m. ET: General Session (Section Reports, FANR Update)

Thursday, July 21, 8:30-10:30 a.m. ET: General Session (Advocacy, NIFA Updates)

ARD SUMMER BUSINESS MEETING | August 1, 2022 | Renaissance Orlando at SeaWorld

2022 AEA SYSTEM-WIDE EXTENSION CONFERENCE | July 30 – Aug. 4 | Renaissance Orlando at SeaWorld

JOINT ESS/CES-NEDA MEETING | Sept. 25-28 | The Marriott Baltimore Waterfront in Baltimore, MD. [Click for details](#).

NATIONAL CONFERENCE ON NEXT-GENERATION SUSTAINABLE TECHNOLOGIES FOR SMALL-SCALE PRODUCERS | Sept. 7-9. North Carolina A&T State University. A collaboration between N.C. A&T, NIFA and the EPA. Contact [Dr. Godfrey Uzochukwu](#) for more information.

