

[Committee Chair Rep. Scott presents opening comments during climate change hearing.](#)

ARDU Updates

ASSOCIATION OF 1890 RESEARCH DIRECTORS

July 2022, Vol. 13, Issue 7



DR. CHANDRA REDDY

Message from the Chair

Dr. Chandra Reddy

Dear Friends and Colleagues,

Last week, we celebrated America's independence and commemorated a moment in history when our founding fathers dared to imagine a government for the people and by the people. It's a time to reflect on our nation's history, and it's a time to think about our nation's future.

In reflecting, I'm mindful of the passage that was removed from the Declaration of Independence: *"He has waged cruel war against human nature itself, violating its most sacred rights of life and liberty in the persons of a distant people who never offended him, captivating and carrying them into slavery in another hemisphere or to incur miserable death in their transportation thither."*

Ultimately, the Continental Congress agreed to remove this passage because the delegates from two southern states and the northern delegates who profited from slavery refused to affix their signatures. With the removal of this paragraph, our nation would not settle the issue of slavery until almost a century later with the Civil War and passage of the Thirteenth Amendment under President Abraham Lincoln. However, we still failed to address Jim Crow laws that disenfranchised and took away political and economic power from African Americans. The Civil Rights Act of 1964 and Voting Rights Act of 1965 addressed Jim Crow laws, but African Americans are still confronting economic and funding inequalities and systemic racism today.

History teaches us the fight for equality never ends at one moment in time.

We must recommit to our history of striving for equality. We must ask: Are we going to seize this moment and move closer to equality, or will we miss this moment in history?

I'm an optimist at heart. As I watch the current and new generation of leadership in the land-grant system and its commitment to diversity, inclusion and access, I'm convinced that we will seize this moment and recommit ourselves to the core principles of equality and equity and human dignity found in the very document we celebrate each year.

See Reddy on Page 7

House passes budget; Increases expected

On June 23, the House Appropriations Committee approved its version of the fiscal year (FY) 2023 Agriculture, Rural Development, Food and Drug Administration and Related Agencies appropriations bill with a vote of 31-26. The bill provides \$27.2 billion in discretionary funding, a \$2.1 billion increase or 8% above FY 2022. The bulk of this increase goes toward child nutrition programs which would see a boost of \$1.7 billion over FY 2022.

NIFA would receive \$131 million or 8% over FY 2022 with modest growth across its programs. Programs supporting the 1890s, 1994s and Hispanic serving institutions, and NIFA's main competitive research program, AFRI, would see more prominent increases. There is no funding for research facilities via the Research Facilities.

Of note:

- As supported by APLU BAA, AFRI would receive \$500 million, \$55 million or 12.4% over FY 2022.
- Evans-Allen would be funded at \$92.8 million, \$12.8 million or 16% above FY 2022.
- Extension Services at 1890 institutions would receive \$76 million, \$11 million or 16.9% over FY 2022.
- Extension Services at 1994 Institutions would be funded at \$15 million, \$5.5 million or 57.9% above FY 2022.
- Payments to the 1994 institutions would receive \$10 million, \$4.5 million or 81.8% over FY 2022.
- Hatch would receive a \$5 million increase or 1.9% over FY 2022.
- Smith-Lever 3(b) and (c) would receive a \$10 million increase or 3.1% over FY 2022.

See Budget on Page 8



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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 is an example of an impact from the 1890 research program submitted by scientists at Langston University.

Langston University excels in daylily research

BACKGROUND

The daylily is a member of the *Hemerocallis species* and is cultivated in every state and most, if not all, regions of the world. Despite its rich environmental, nutritional, medicinal, and research history, daylily's economies evolve mainly around the beauty of its flowers. The diversity and complexity of its colors are unparalleled across ornamental crops.

CHALLENGES

The floral beauty that is the cornerstone of the daylily's economies only lasts 24 hours because programmed death genes are prone to precisely kill the flower at the end of this period, under standard conditions. Furthermore, to meet the increasing market demand, cell and tissue culture techniques are increasingly used for commercial purposes in a daylily.

However, many farmers, enthusiasts, and some breeders have complained that the phenotypes of alleged tissue culture-produced plants differ from the parents. This has infused increasing skepticism toward tissue culture technologies, which is greatly impeding the improvement of this crop using modern technologies. Further, most protocols for daylily micropropagation are difficult to reproduce, which limits its broad commercial and research applications.

SOLUTION

The plan is to implement adequate measures to address those challenges more efficiently, amongst which include:

- Develop organ-specific reproducible micropropagation

protocols.

- Determine the number, structure and functions of genes involved in killing floral cells within 24 hours of blooming.
- Developing genetically modified (GM) cultivars by integrating organ-specific reproducible micropropagation protocols with silenced death genes.
- Integrate GM cultivars into breeding programs to develop mass cultivars with a longer blooming period.

Langston University Research Approach to Tackling the Challenges

The Langston University School of Agriculture and Applied Sciences (LU-SAAS), through its Evans Allen Grant program, is conducting research to address the challenges in three phases: **Phase 1** – develop more efficient organ-specific micropropagation protocols that result in true-to-parent phenotypes, reproducibly. **Phase 2** – determine all or most genes involved in the 24-hour-programmed death of flower cells. **Phase 3** – integrate the products of phases 1 and 2 to develop GM plants that produce flowers that last longer than 24 hours up to several days. This will increase the research and economic values of the crop. The products of Phase 3 will be integrated into plant breeding programs for long-term broader applications.

Selected Impacts of the Project Research

- Developed the sole and largest genetic stock of more

See Daylilies on Page 3



Dr. Kanyand Matand, associate professor, Biotechnology Research Program Leader, examines his favorite daylily and one of his daylily fields.

USDA reaffirms ties with 1890s with new MOU

On June 14, USDA Secretary Tom Vilsack and Dr. Paul Jones, Chair of 1890s Presidents Council—an organization comprised of presidents and chancellors of historically Black colleges and universities (HBCUs)—signed a Memorandum of Understanding (MOU) to reaffirm and strengthen the ongoing relationship between the 1890s community and USDA through cooperation and partnership. The Secretary and Chairman Jones were joined by USDA Deputy Secretary Jewel Bronaugh and Research, Education and Economics Under Secretary Chavonda Jacobs-Young.

This MOU also establishes a new 1890 Task Force that will inject energy into USDA’s efforts to collaborate with 1890s institutions in the food, agriculture and forestry sectors. The MOU signing followed discussions between USDA leadership and the 1890s Presidents Council as part of continued engagement and discussions with higher education associations to enhance USDA partnerships and investments with Minority-Serving Institutions based on their identified needs.

“This signing reinforces USDA’s commitment to our partners

at the 1890s institutions and the communities they serve,” said Secretary Vilsack. “1890 universities have remained the custodians of access to and opportunity for higher education in underserved communities. They are building a path for the next generation of thought leaders, innovators and change-makers and USDA will do everything we can to foster that environment.

The event underscores USDA’s commitment under the Biden-Harris Administration’s [Executive Order 13985 on Advancing Racial Equity and Support for Underserved Communities](#) to advance the goals of equity to better serve the needs of traditionally underserved institutions and communities. USDA has a long history of investing in and supporting our nation’s 1890 land-grant institutions, which have been leaders in scientific innovation. The 1890s system has played an important role in building STEM programming for our nation’s youth. 1890s institutions also strengthen research, Extension and teaching in the food and agricultural sciences and expand the number of students attracted to careers in agriculture, food, natural resources and human sciences.



USDA Secretary Tom Vilsack and Dr. Paul Jones, chair of 1890s Presidents Council, (seated) surrounded by presidents and USDA officials sign new MOU.

Daylilies . . . From page 2

than 250 cultivars, most of which are semi-evergreen, in Oklahoma.

- The results undermine erroneous beliefs and perceptions among many farmers and some breeders that tissue culture technologies cause the loss of parental phenotypes in progenies without context. They primarily emphasize that understanding and proper application of tissue culture technologies will lead to expected results in which parental phenotypes are faithfully reproduced in progenies.

- Langston’s daylily research program has successfully developed micropropagation methods that induced *do novo* plants in all standard crop’s plant organs, including root, stem, floral organ and bract.

- The results have also demonstrated that protocols developed using stem, bract and floral bud as principal explants were the most effective and consistently reproducible under room conditions.

- The research results also showed for the first time that there exists a clear totipotency gradient in the whole flower bud explant. This means that when a whole flower bud is used as the primary explant, shoot organogenesis will develop decreasingly from the ovarian region toward the tip of the perianth.
- Short-term research targets following floral gene determination include developing genetically modified plants using genetic transformation and CRISPR-Cas 9 technologies. The resulting GM genotypes will be introduced into plant breeding programs at Langston as well as at other institutions of higher education.

Most Oklahoma farmers who have attended Dr. Mutand’s presentations on daylily research through Langston’s Extension Service activities have expressed hope and greater interest in the crop, especially after hearing about the possibility of future development of cultivars with flowers’ longer life span.

For more information, contact Dr. Kanyand Matand at kmatand@langston.edu. The daylily project is supported by the Evans-Allen program of the USDA’s National Institute of Food and Agriculture (NIFA).



NIFA taps NC A&T for new center focused on ag business

On June 8, USDA announced a \$1.92 million investment to establish an Agriculture Business Innovation Center at North Carolina Agricultural and Technical (NC A&T) State University, an HBCU located in Greensboro, N.C. Alabama A&M University, Kentucky State University and West Virginia State University are partner institutions. This Center will provide technical assistance and workforce development training in various ways.

“This new innovation center will serve as a technical assistance hub to enhance agriculture-based business development opportunities nationwide,” said USDA Deputy Secretary Jewel Bro-nough during a two-day strategy meeting with 1890 land-grant universities and USDA officials. “The Biden-Harris Administration is committed to supporting historically underserved communities and this new Center will be pivotal as we continue to build back better the fabric of our nation’s communities and businesses. This latest investment will expand the capacity of our nation’s HBCUs to advance multidisciplinary teaching, outreach and integrated projects to build better markets, enhance economic development and support

new and existing agricultural businesses.”

The FY 2021 Consolidated Appropriations Act, Section 766 (Public Law 116-260) authorized USDA’s NIFA to issue a competitive grant to support establishing an [Agriculture Business Innovation Center](#) at an HBCU. The new Center will enhance agriculture-based business development opportunities, including:

- Providing technical assistance to food and agricultural producers, offering production-scale assessments, market planning and development, business planning and other advisory services.
- Assisting startups in agribusiness including planning and obtaining funding.
- Providing workforce development and educational experiences for students interested in careers in agriculture business.
- Offering outreach services and activities such as training, workshops and dissemination of information and materials.

“This new innovation center is a perfect complement to the NIFA-funded 1890 Center of Excellence for



DR. KENRETT JEFFERSON-MOORE

Student Success and Workforce Development already housed at NC A&T State University,” said Acting NIFA Director Dr. Dionne Toombs. “The combination of these two Centers will deliver a much-needed boost to the next generation of agricultural professionals and will support growth, profitability and success of existing businesses to increase employment opportunities in the field.”

USDA funding/research opportunities

The [USDA Urban, Indoor, and Emerging Agriculture](#) (UIE) program is announcing \$9.4 million in funding to support research, education and Extension work by awarding grants to solve key problems of local, regional and national importance that facilitate the development of urban, indoor and emerging agricultural systems. The program includes food value chain stages: production, harvesting, transportation, aggregation, packaging, distribution and markets.

Applications may only be submitted by entities such as state agricultural experiment stations; colleges and universities; university research foundations; other research institutions and organizations; federal agencies; national laboratories; private organizations, foundations,

or corporations; individuals; or any group consisting of two or more of the above entities.

There is no match required. This RFA closes on Sept. 22.

[Please see this link for more information](#)

USDA-ARS Postdoctoral Collaborative Research Fellowship in Human Nutrition Research

This project will be based in the USDA's Office of National Programs, the principal organizational component of the USDA's Agricultural Research Service. The mission of the USDA Human Nutrition Program is to define the role of food and its components in optimizing health throughout the life cycle for all Americans by con-

ducting high national priority research. The USDA-ARS research program in human nutrition is accomplished primarily at the six human nutrition research centers in Beltsville, MD, Houston, TX, Little Rock, AR, Davis CA, Grand Forks, ND and Boston, MA. These six centers have different specific objectives, but all focus on the same primary mission: improving the health of the American population through food-based nutritional approaches.

[For more information, please click this link](#) or contact: Tracey D. Troutman, Director, USDA-ARS-Office of Outreach, Diversity, and Equal Opportunity, 202) 720-616



PVA&M's Fares makes climate change case to congressional committee

On June 15, Dr. Ali Fares, professor in the College of Agriculture and Human Sciences at Prairie View A&M University, testified before the House Agriculture Committee on the Role of Climate Research in Supporting Agriculture Resilience. Special thanks go to Chairman David Scott, who strongly supports the land-grant research and programs, especially the 1890 institutions.

Below is an excerpt from Dr. Fares' testimony that I believe draws attention to the important and unique role of the 1890 institutions in climate research. The 1890 institutions are in a unique transformational position to employ current capacity and to invest in and expand climate research, with a needed focus on equity and impact on underserved communities and communities of color.

“Through Congress's sustained support to research in the land-grant institutions, the 1890 institutions have been able to train future leaders and professionals and conduct fundamental and applied research that addresses the needs of millions of limited-resource farmers, ranchers and community members. These rural and urban communities have been one of the more impacted portions of society by climate change. The 1890 institutions have several active climate research projects.

The climate change crisis offers opportunities for research and innovation in agriculture, energy and related sectors to support the new economy with different infrastructure, workforce skills, financial tools and



governance. As a result, new careers will arise, and new markets will develop. Embracing this new economy will result in the thriving of the U.S. economy, where small and minority businesses and individuals will play a significant role. Agriculture will help the U.S. achieve its emission reduction goals, strengthen its resilience to climate change and strengthen its global economic leadership. These are some immediate climate research needs that are deemed relevant to the 1890 institutions and limited-resource farmers and communities:

- Adequate funding to study and develop climate-smart practices and technologies.
- Stronger support for research and innovation to develop tools and practices tailored to limited-resource farmers and communities.
- Support public-private partnerships and international collaborations between the U.S. and international academic and research institutions and industries.

I encourage Congress to support robust funding increases for the 1890 land-grant programs so we can make even more positive impacts on our country's citizens through our research programs. We will be able to better address the specific climate change needs of the underserved farming communities and train future professionals in climate-smart agriculture discipline.”

To view the entire bearing, [click here](#).

NIFA and APLU seeks speaker nominations for Hatch Lecture

USDA's NIFA and APLU are seeking nominations for the prestigious Hatch Lecture. The lecture commemorates the efforts of William H. Hatch, a Congressman from Missouri who championed the Agricultural Experiment Station Founding Bill that became law in 1887 and celebrates the accomplishments of the Experiment Station System, which the Hatch Act created.

We seek an insightful topic and a dynamic speaker to provoke discussion among meeting participants and present a formal lecture. We encourage you to recommend your land-grant university colleagues, other stakeholders, foundations, public interest groups, or international organizations. Please submit your proposed topic and/or presenter by July 29. Details are [here](#).



Two FAMU researchers names NAI Senior Members

The National Academy of Inventors (NAI) has recently named two Florida A&M University (FAMU) College of Agriculture and Food Sciences (CAFS) professors to its [2022 Class of Senior Members](#). Satayanryan Dev, Ph.D., asso-

Perishable Items, a system and methodology for rehydrating perishable items (Patent No.: US 11,206,854 B2). He has a total of eight U.S. patents and eight pending patents.

“My invention will probably be a game-changer regarding the way we disinfect, sanitize, store, rehydrate and ship fruits, vegetables, flowers and nuts,” said Magee, a native of Prentiss, Miss., who has 40-plus years teaching in higher education at seven different universities and has taught at FAMU since 1995. “It will be especially useful for limited-resource farmers, to help them achieve Good Agricultural Practices certification and reduce produce loss.”

Dev received a recent patent for the design and development of a Microwave-Assisted Raw Food Pasteurizer (U.S. Patent No. 2020/0128837 A1), which also earned him the “2019 Most Innovative Product of the Year” AE50 International Award from the American Society of Agricultural and Biological Engineers (ASBE). Using a non-linear slotted waveguide technology, the equipment pasteurizes raw foods such as eggs, shellfish, fruits, vegetables and meats to reduce harmful pathogens to undetectable levels without altering the raw food’s characteristics.

Two additional patents by Dev, awarded in 2020, include Dielectric Detector for Pest Infestations (Co-Inventors A. Anandhi and B. Hottel, U.S. Patent No: US10765109) and Microwave-Assisted

Portable Solar Vapor Absorption Refrigeration Systems for Sustainable Cold Chain (Co-Inventor – C. Magee. U.S. Patent No.: US10648712B1). A Canadian citizen born and raised in India, Dev has taught at FAMU since 2015. He is also an adjunct professor in the chemical and biomedical engineering department at the FAMU – Florida State University Joint College of Engineering.

According to NAI, this latest class of NAI Senior Members hails from 41 research universities. They are named inventors on over 1093 issued U.S. patents. The 2022 new Senior Members will be inducted at the Senior Member Ceremony at the 11th Annual Meeting of the National Academy of Inventors this upcoming June 14-15 in Phoenix, Arizona.

“Today, these Senior Members, on their path of prolific discovery, join the NAI innovation community,” said Paul R. Sanberg FNAI, President of the NAI, “With the NAI Senior Member award distinction, we recognize and honor these innovators who are rising stars in their fields.”

Following a nomination for NAI Senior Member, individuals undergo a rigorous selection process by the NAI Senior Member Advisory Committee, composed of elected NAI Fellows who are considered pioneers in their respective fields.

[A full list of NAI Senior Members is available on the NAI website.](#) Nominations for the 2023 Senior Member class will be accepted from Oct. 1-Dec. 31, 2022.



DR. C. MAGEE



DR. S. DEV

ciate professor and program chair of biological systems engineering, and Charles Magee, Ph.D., professor of biological systems engineering (BSE), were named as members of the world’s best emerging academic inventors. Senior Members are elected annually on National Inventors’ Day, February 11.

FAMU now has five total members (two Fellows and three Senior Members) in the 83-member group, including Mandip Singh Sachdeva, section leader, College of Pharmacy and Pharmaceutical Sciences, who was also named a Senior Member in 2022.

“This means 50% of the BSE program is being recognized as innovative by the National Academy of Inventors,” said Robert Taylor, dean and director of land-grant programs at FAMU CAFS. “We congratulate Dr. Dev and Dr. Magee for achieving this outstanding milestone.”

NAI Senior Members are active faculty, scientists and administrators from NAI member institutions who have demonstrated remarkable innovation-producing technologies that have brought, or aspire to bring, real impact on the welfare of society. They also have growing success in patents, licensing and commercialization while educating and mentoring the next generation of inventors.

Magee received a U.S. patent in December 2021 for his latest invention, the Osmotic System for Maintenance of

After 30 years of service, Dr. HP retires from NC A&T



Dr. Shirley Hymon-Parker and Dean Mohamed Ahmedna

Dr. Shirley Hymon-Parker (Dr. HP) retired on July 1. Dr. Hymon-Parker, a leader and trailblazer in the fields of human sciences and agricultural sciences, has been instrumental in bringing visibility to and seeking solutions for the issues and challenges facing the food and agricultural system. She has been an outspoken advocate for the 1890 land-grant system for over 30 years. Her colleagues praise her work and contributions to the field because she is a consummate professional who sets high expectations for herself and others.

Before bringing her talents to North Carolina A&T State University in 2009, Dr. HP had a stellar career in the School of Agricultural and Natural Sciences at the University of Maryland Eastern Shore. As the associate dean for agricultural

research in the College of Agriculture and Environmental Sciences at North Carolina A&T, Dr. HP established the Undergraduate Research Scholars Program and has provided oversight for more than \$30 million/year in sponsored research (one-third of the University's research portfolio in external research and development grant funding). She also provided leadership in implementing the 125th anniversary celebration to commemorate the establishment of the 1890 land-grant institutions.

From 2015 to 2018, she served as interim dean of the college, supervising academic, research and Extension programs. Under her leadership, the College of Agriculture and Environmental Sciences (CAES) established a strategic plan, Destination Excellence, and enhanced the efforts of Cooperative Extension. In addition, Dr. HP led the establishment of MOUs with universities in Africa and China.

Dr. HP is a nationally recognized leader and has served as chair of the ESCOP for the APLU. She has also served in leadership positions for the following: APLU's Policy Board of Directors of the Board on Agriculture Assembly Commission on Food, Environment and Renewable Resources; the 1890 Association of Research Directors; and the American Association of Family and Consumer Sciences (AAFCS).

According to Dean Mohamed Ahmedna, "it has been my pleasure and privilege to have Dr. Hymon-Parker as a trusted colleague and a valuable member of the CAES leadership team who gets things done timely and in the most professional/collegial manner while always wearing her signature smile."

As you enter retirement, ARD, along with the 1890 community, congratulate Dr. HP on her outstanding services and significant contributions to enhancing educational, research and engagement programs throughout the land-grant system. We have enjoyed our relationship and fellowship. Our cooperative working relationship will always be remembered and cherished. You have always been a pleasant person to work with, very knowledgeable and a team player

research in the College of Agriculture and Environmen-

Reddy ... from page 1

Later this month, the ARD membership will fully engage in the first in-person Joint COPS meeting since 2019. We are excited about seeing, greeting and interacting with our COPS colleagues at the Omni Shoreham Hotel in Washington, D.C., including members of ESCOP.

Focusing on the theme, "*Moving into the New Normal*," the COPS will focus on post-COVID-19 initiatives, plans of work, professional development, budget and advocacy development and messaging, legislation and policy, including but limited to the 2023 Farm Bill, joint updates and emerging topics. This will be an opportunity to examine common issues jointly, explore best practices and initiate new partnerships with colleagues and

key stakeholders across the nation.

Finally, ARD will hold its summer business meeting on August 1st in conjunction with the AEA System-wide Extension Conference at the Renaissance Orlando, FL. The meeting agenda is forthcoming and will focus, in large part, on the outcomes of the 1890 strategy meeting hosted by the Council of 1890 Universities and the Socially Disadvantaged Farmers and Ranchers Policy Research Center in New Orleans last month. Come prepared to roll up your sleeves because there's a lot to work to do and decisions to make.

I look forward to seeing you in Washington, D.C. and Orlando.

The following thank you letter was sent from Dr. Chavonda Jacobs-Young, Under Secretary and Chief Scientist, Research, Education and Economics, USDA

Dear Colleagues,

This week I was sworn in as the USDA chief scientist and under secretary for Research, Education, and Economics (REE). I am honored to have been selected by President Biden to lead the REE mission area and the USDA Science enterprise in these capacities. For two decades, I have dedicated my time and energy to agriculture by facilitating solutions to complex challenges with the highest quality, most relevant and timely science and information. I am so excited to be in this new position to undertake new challenges and further catalyze our cutting-edge research and extension efforts.

Every day, our USDA Science team members collaborate with you, our stakeholders, to deliver healthy, nutritious and safe agricultural products to U.S. consumers and around the world. The U.S. is fortunate to have one of the safest, most abundant food supplies in the world due in large part to our long-term and diverse breadth of public agricultural R&D investments. We couldn't deliver on our critical mission without you. Many of you have probably heard me say this before: it takes all of us to be this good.

This is an important juncture for agriculture and the REE agencies are perfectly positioned to support the high-priority goals Secretary Vilsack has given us, including combatting climate change, advancing racial justice and equity, creating more and better markets and tackling food and nutri-

tion insecurity.

Science drives each of these priorities. Equally important are the goals we have set to support science itself. One close to my heart is working to cultivate a top-notch, diverse and creative next generation of leaders to drive the future of agricultural science and other agriculture professions. Another is updating and strengthening the physical infrastructure that



facilitates quality and efficiency in our labs and other facilities, in addition to bolstering our information technology framework. We must do this in a thoughtful and equitable way.

I consider myself extremely fortunate to lead a cadre of talented and passionate public servants actively pushing the envelope of innovative strategies to meet these goals and our collective challenges. All of us at USDA are fortunate to have remarkable stakeholders and partners like you. In the coming months, I look forward to engaging with you to learn more about your priorities as we finalize our 2023-2026 USDA Science & Research Strategy in the months ahead.

Thank you for all you do every day for agriculture and for your support of REE and USDA.

Thank You.

Ph.D.s needed for Iowa State fellowship

USDA National needs two Ph.D. fellowships for interdisciplinary training with a core curriculum in quantitative genomics, bioinformatics and animal health. This unique training program includes research in quantitative animal genetics/genomics and a novel teaching-oriented approach in which chosen Fellows serve as teaching assistants and engage in the scholarship of teaching and learning.

Iowa State University and the faculty of this program provide out-

standing opportunities for highly-motivated students to obtain state-of-the-art graduate training in these fast-developing fields of animal genetics and genomics. The Fellowships provide a graduate research assistantship, 100% tuition scholarship, paid single health insurance, computer allowance and travel allowance.

Candidates should have a background (BA, BS or MS) in animal science, genetics, biology, mathematics, statistics, chemistry, or physics, along

with research experience and a stated interest in the above areas of research. Fellowships are limited to U.S. citizens and permanent residents. Members of underrepresented groups are particularly encouraged to apply.

For further details on this [Ph.D. training program and application instructions, please see](#)

If you have questions, contact [Jennifer Bundy](#) 515-294-7219) or [Jack Dekkers](#), 515-294-7509).

Budget ... from page 1

- Women and Minorities in STEM program would more than double its FY 2022 allocation to \$2.31 million. The House plans to bring appropriations bills to the floor this week, but no specific schedule has been announced. The Senate has yet to move on its appropriations bills.

ARD OFFICERS

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Vernon Jones (Immediate Past Chair)

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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](#)
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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 DEAN OF RESEARCH, COLLEGE OF AGRICULTURE, FAMILY AND CONSUMER SCIENCES, 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

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](#).

WEST VIRGINIA STATE UNIVERSITY - Several available positions.

VICE PRESIDENT FOR RESEARCH AND PUBLIC SERVICE

PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS

VICE PRESIDENT FOR ENROLLMENT MANAGEMENT AND STUDENT AFFAIRS

NEW APPOINTMENTS



DR. ROBERT N. CORLEY, III, interim dean of the College of Agriculture and 1890 Extension Administrator, Virginia State University, effective July 1.

DR. MORAKINYO KUTI, interim dean of the College of Engineering Science Technology & Agriculture/director 1890 Land-Grant Programs, Central State University, effective July 1.

DR. MAJED EL-DWEIK, vice president for Research and Economic Development, Alabama A&M University, effective August 1.

CALENDAR



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.

SAVE THE DATE

80TH PROFESSIONAL AGRICULTURAL WORKERS CONFERENCE | Tuskegee University | Nov. 13-15

LOUISIANA SMALL FARMERS CONFERENCE | Sept. 21-23 | Dr. [Brian Keith Phillips](#) for information.

