



2022-2023 BUDGET PRIORITIES

SCState

1890 RESEARCH & EXTENSION

Innovate. Educate. Elevate.

SC STATE PSA (210)
HOUSE WAYS & MEANS ECONOMIC DEVELOPMENT BUDGET HEARINGS
January 2022

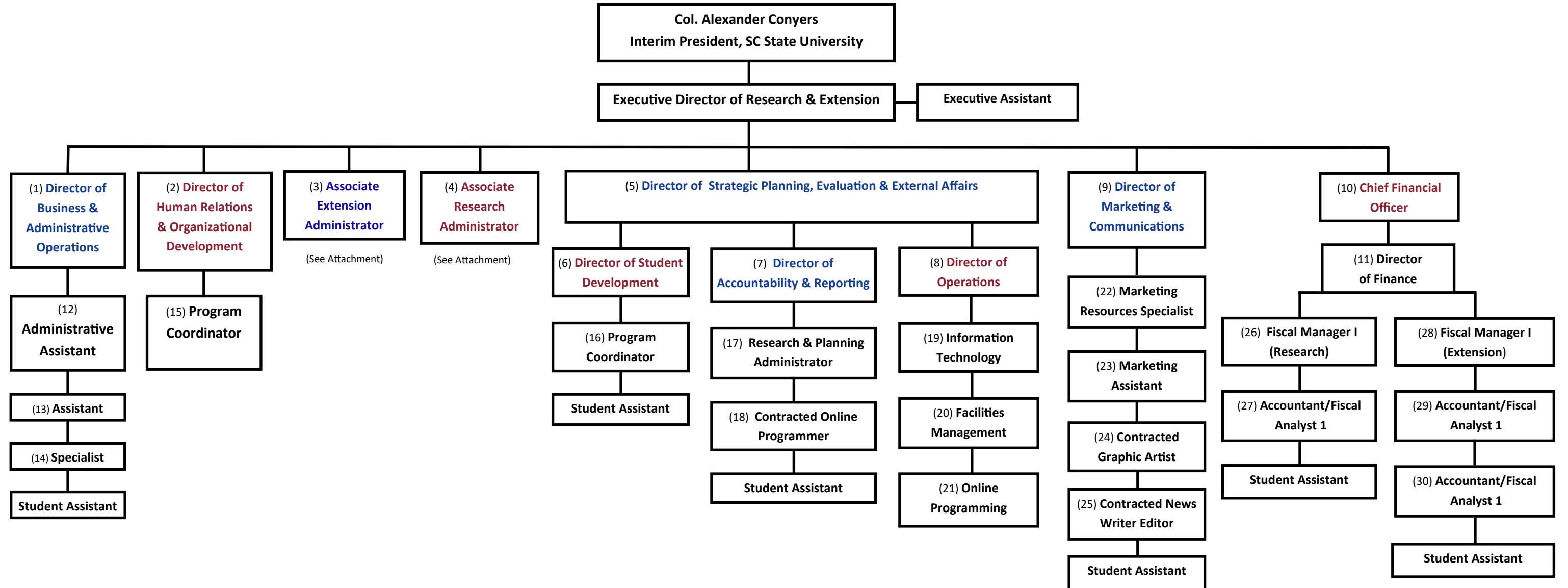
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SC STATE PSA (210)

Key Officials/Executive Management Team

Alexander Conyers	Interim President 
Dr. Louis Whitesides	Vice President and Executive Director, 1890 Research & Extension Legislative Contact 
Edoe Agbodjan	Associate Administrator, Extension 
Dr. Lamin Drammeh	Strategic Initiatives, Evaluation and External Affairs 
Delbert Foster	Associate Director 
Venyke Harley	Human Relations and Organizational Development 
Tokmeco James	Finance 
Elizabeth Mosely-Hawkins	Marketing and Communications 

SC State University



FTEs: 74
Vacancies: 28



SC STATE PSA (210) Accountability Report Summary

In compliance with the SC State 1890 Program mission, SC State PSA (210) raises the educational consciousness and awareness of national issues that impact South Carolinians, with special emphasis on limited resource clientele, which improves their quality of life. It is an organized research and Extension system that addresses quality of life opportunities for residents. The program provides effective stakeholder outreach programs and services in agrisystems productivity and profitability, agribusiness and community development, environmental and natural resources conservation, food safety, security and nutrition and youth and family development.

Crisis Creates Opportunities

The COVID-19 crisis impacted the ability of SC State PSA (210) to continue to deliver Extension programming through traditional methods. Agents and researchers had to make quick adjustments to program delivery and research methods. Many of the Extension programs had to be changed from traditional delivery methods (i.e. on-farm visits, in-person workshops, direct programming at schools and community centers, trainings, etc.) to online delivery, when possible. Agents learned to teach classes online, organize webinars and reconfigure programming of activities to administer to stakeholders. High touch programs unfortunately were canceled to reduce exposure of the illness from staff and from participants, who, in many cases, were the most vulnerable for contracting the disease. COVID-19 also impacted many research projects and delayed data collection, laboratory sampling and face-to-face visits, causing delays in project initiation or project completion. However, SC State PSA (210) was still able to meet the promise of its mission, despite the pandemic altering delivery and results.

In fact, SC State PSA sponsored programs and services logged over 16,443 direct contact hours and 20,390 indirect contact hours in public service activities. There were 71 YouTube videos produced with over 12,000 views. Facebook reached 362,096 people; Instagram reached 251,806 constituents and Twitter reached 75,301 individuals. SC State PSA (210) funds were also used to promote and inform clientele on ag and ag-related education through platforms such as webinars (1,166) and Mailchimp (45,953). Nearly a million people in South Carolina and around the country have received, viewed, read about and benefited from the PSA program.

Extension Empowers Small Ag Entrepreneurs, Individuals, Families and Communities

Small-scale commercial vegetable producers, farmers, gardeners and livestock producers faced increasingly higher production costs with their enterprises. Many sought ways to keep their businesses afloat. Some of the small-scale producers saw their profit margin decline. Unless the producers could get a handle on production costs, they could very well fail with their individual operations. As such, one of the underlining outreach efforts of SC State PSA (210) focused on equipping all farmers with sound management practices, which is a must for the success and sustainability of farming enterprises.

Examples include:

- From the Low Country Extension region, participating small producers and gardeners received training in sustainable agriculture practices to include Integrated Pesticide Management of vegetable crops and livestock. It was evident that sustainable agriculture practices helped to reduce production costs and improve product marketability. As a result of the training activities, 92% of participants gained knowledge of sustainable

agriculture practices, 62% adopted the practices and 50% of producers reported increased income.

- Workshops and training sessions in land-use options resulted in a 90% increase in awareness of serious issues (especially, minority land loss), while the adoption of recommended practices resulted in an increase of 50%. About 10% of the participants improved their forest land acres, 15% have considered recommended land-use options to preserve land, 90% of the participants requested follow up programs and projects.

Youth-centered projects and activities focused on character education and career preparation to help develop competencies, values and social skills. Emphasis on building such skills is a priority for youth served by SC State PSA (210), as studies show positive youth development activities increase youth's overall well-being, reduce behavior problems and positively impact life satisfaction. An example includes:

- Citizenship programs and activities were provided to eight youth groups among regional service areas. Five hundred thirty-nine (539) youth were served in a combination of 33 presentations and workshops. As a result of the project activities, 55% of the participants reported knowledge gained. Fifty-nine percent of the participants developed better communication skills. Through participation in workshops and field trips, a high school participant was afforded the opportunity to gain employment upon graduating from high school. The participant credits his guidance in the program as the reason for identifying his career path and pursuing his goals. The participant was hired with the local school district as an auto-mechanic assistant.

Households that experience food insecurity lack access to enough food for an active, healthy life for all household members. Almost 700,000 people in South Carolina struggle with hunger and food insecurity, unexpected job loss or medical issues that can quickly become a financial burden. Thirty-point six percent of the population in Dillon County live below the poverty line, a number that is higher than the national average of 13.1%. The onset of COVID-19 created a "perfect storm" that has made hunger and food insecurity greater than ever before.

- The Pee Dee Region organized two mobile food distribution sites in Dillon County that focused on food insecure families/individuals to help meet their most basic human needs, while coping with COVID-19. As a result of the two mobile food distribution sites, along with 29 volunteers, 362 families/individuals received fresh and nutritious food.

Research Drives Innovation and Solutions

SC State PSA Research provides adequate funding to faculty, staff and students to become engaged in organized research efforts and opportunities to address problems and issues of concern. A total of 26 research projects were funded for the reporting period. Examples include:

- Every segment of society uses commodities made of plastics, which after a single use they are discarded. The accumulation of post-consumer waste plastics is an epidemic sustained by every segment of society. A problem that once was considered to affect only the landfills, waterways and oceans, is now spreading to air quality and food. The post-consumer plastic bags and bottles collected and stored in warehouses over time lose semi-volatile plasticizers, and break into small pieces producing microparticles. The plastic microparticles folate in water and air, and precipitate on surface of vegetables and fruits, which are consumed by every living system on earth including humans.

The results of the study showed the extracted resins almost are as good as the original resin. They could be reused to fabricate a new commodity or be used as fuel. Also, some postconsumer plastics such as voluminous Styrofoam was used to make light-weight cement blocks for construction.

- Modern agriculture relies heavily on the use of pesticides in the U.S. and around the world. In the U.S. alone, more than 800 million to 1 billion pounds of pesticides are used each year. Besides the direct exposure of pesticides among agricultural related workers, for the public, pesticide exposure occurs mainly through long-term food and water consumption.

The SC State project was created to investigate pesticide residues in foods, which are found in certain vegetables and fruits. An analytical lab (with power, temperature control, fume hood and other lab supplies and equipment, etc.) was set up. An Agilent 6545 liquid chromatography quadrupole time of flight mass spectrometer (LC Q-TOF MS) was purchased and installed in the lab. The LC Q-TOF MS is the dedicated instrument for the analysis of pesticide residues. The training on the operation and maintenance of the instrument was completed. Various samples of 8 dried and 18 fresh foods or parts (vegetables and fruits) were collected and pretreated to be analyzed for the levels of metals. The purpose of the analysis was to evaluate whether there was a difference in metal concentrations in foods of organic and non-organic sources.

Facilities Connect Communities to Ag Education

During 2020 – 2021, work continued to be done regarding the 1890 facilities construction projects. To date, occupancy has occurred in two (1890 Research & Extension Administration and Community facility and SC State 1890 Camp Daniels Leadership Center) of the three buildings. The final repairs of the Coastal Region Office building in Charleston, SC are being finalized. Additionally, efforts continue to expand programs and activities by increasing SC State PSA's (210) presence across the state. This goal of expanding the organization's footprint and impact to all 46 counties is being accomplished by the purchase of new facilities (Cayce and Rock Hill, South Carolina).

FY 22-23 Prioritized Budget Request Summary												
SC State PSA (210)												
BUDGET REQUESTS				FUNDING					FTEs			
Priority	Request Type (recurring, non-recurring, capital)	Request Title	Brief Description	General - Recurring	General - Nonrecurring	Other	Federal	Total	State	Other	Federal	Total
1	B1 - Recurring	Statewide Extension Agribusiness Development Support	Requested funding will allow SC State PSA to train and educate farmers on emerging areas of agriculture, including urban and community agriculture, controlled environment agriculture, organic agriculture and innovative research in promising alternative crops.	\$2,100,000.00				\$2,100,000.00				0.00
2	B2 - Non- Recurring	Transformation of Small Business Operations Through Digital Technologies	Requested funding will be used to assist "Main Street" businesses by improving operations and enhancing business models that will boost profitability by using digital technology. Small agribusiness entrepreneurs will receive technical assistance, training and education to ensure efficient use.	\$585,000.00				\$585,000.00				0.00
3	B2 - Non- Recurring	Nutrition and Mental Health Amid the COVID-19 Pandemic: A Multi-Level Approach	Requested funding will provide SC State PSA with means to educate participants on ways to cope and manage mental health, as well as teach nutrition principles to help ensure individuals and communities achieve and sustain optimal health.	\$244,000.00				\$244,000.00				0.00
4	B2 - Non- Recurring	Impact of COVID-19 on Small Farm Sustainability and Capacity	Requested funding will be used to address significant challenges on the farm, including maintaining a safe workplace, interacting with the public at farmer s or roadside markets and understanding legal issues.	\$262,000.00				\$262,000.00				0.00
5	C - Capital	Construction of Youth Residential Cabins at Historic Camp Harry E. Daniels	Requested funding will support the construction of cabins, which will allow campers to be fully immersed in traditional camping experiences that promote leadership development, citizenship responsibility and teamwork.	\$2,000,000.00				\$2,000,000.00				0.00
6	C - Capital	Construction of the South Carolina Limnology Research Center	The S.C. Limnology Research Center will explore complex issues of the state s freshwater systems and how it affects competing priorities of water for food, energy, economic growth, human consumption and other ecosystems. Research findings will be useful in helping the state to manage and conserve water as a natural resource necessary for survival.	\$5,000,000.00				\$5,000,000.00				0.00
TOTAL BUDGET REQUESTS				\$10,191,000.00				\$10,191,000.00				0.00



Fiscal Year FY 2022-2023

Agency Budget Plan

FORM A - BUDGET PLAN SUMMARY

**OPERATING
REQUESTS**

(FORM B1)

For FY 2022-2023, my agency is (mark "X"):	
<input checked="" type="checkbox"/>	Requesting General Fund Appropriations.
<input type="checkbox"/>	Requesting Federal/Other Authorization.
<input type="checkbox"/>	Not requesting any changes.

**NON-RECURRING
REQUESTS**

(FORM B2)

For FY 2022-2023, my agency is (mark "X"):	
<input checked="" type="checkbox"/>	Requesting Non-Recurring Appropriations.
<input type="checkbox"/>	Requesting Non-Recurring Federal/Other Authorization.
<input type="checkbox"/>	Not requesting any changes.

**CAPITAL
REQUESTS**

(FORM C)

For FY 2022-2023, my agency is (mark "X"):	
<input checked="" type="checkbox"/>	Requesting funding for Capital Projects.
<input type="checkbox"/>	Not requesting any changes.

PROVISOS

(FORM D)

For FY 2022-2023, my agency is (mark "X"):	
<input type="checkbox"/>	Requesting a new proviso and/or substantive changes to existing provisos.
<input type="checkbox"/>	Only requesting technical proviso changes (such as date references).
<input checked="" type="checkbox"/>	Not requesting any proviso changes.

Please identify your agency's preferred contacts for this year's budget process.

**PRIMARY
CONTACT:
SECONDARY
CONTACT:**

<u>Name</u>	<u>Phone</u>	<u>Email</u>
Dr. Louis Whitesides	[REDACTED]	[REDACTED]
Tokmeco James	[REDACTED]	[REDACTED]

I have reviewed and approved the enclosed FY 2022-2023 Agency Budget Plan, which is complete and accurate to the extent of my knowledge.

SIGN/DATE:

**TYPE/PRINT
NAME:**

<u>Agency Director</u>	<u>Board or Commission Chair</u>
[REDACTED] 09/24/2021	
Louis Whitesides	

This form must be signed by the agency head – not a delegate.

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY

1

Provide the Agency Priority Ranking from the Executive Summary.

TITLE

Expansion of Creating and Developing Emerging Agribusiness Programs (Urban Agriculture, Controlled Environment Agriculture, Emerging Research in Alternative Crops)

Provide a brief, descriptive title for this request.

AMOUNT

General: \$2,100,000

Federal: \$0

Other: \$0

Total: \$2,100,000

What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

NEW POSITIONS

0.00

Please provide the total number of new positions needed for this request.

FACTORS ASSOCIATED WITH THE REQUEST

Mark "X" for all that apply:

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | Change in cost of providing current services to existing program audience |
| <input type="checkbox"/> | Change in case load/enrollment under existing program guidelines |
| <input type="checkbox"/> | Non-mandated change in eligibility/enrollment for existing program |
| <input checked="" type="checkbox"/> | Non-mandated program change in service levels or areas |
| <input checked="" type="checkbox"/> | Proposed establishment of a new program or initiative |
| <input type="checkbox"/> | Loss of federal or other external financial support for existing program |
| <input type="checkbox"/> | Exhaustion of fund balances previously used to support program |
| <input type="checkbox"/> | IT Technology/Security related |
| <input type="checkbox"/> | Consulted DTO during development |
| <input type="checkbox"/> | Related to a Non-Recurring request – If so, Priority # |

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES

Mark "X" for primary applicable Statewide Enterprise Strategic Objective:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Education, Training, and Human Development |
| <input type="checkbox"/> | Healthy and Safe Families |
| <input type="checkbox"/> | Maintaining Safety, Integrity, and Security |
| <input type="checkbox"/> | Public Infrastructure and Economic Development |
| <input type="checkbox"/> | Government and Citizens |

The funding request supports the following strategies as outlined in the FY20-21 Strategic Planning and Performance Measurement Template of South Carolina State University - PSA's Accountability Report:

1.1 - To provide natural resource and environment educational, programming and promote effective water quality strategies.

2.1 - To provide family, resource management and educational programs to improve the well-being of the family structure within limited-resource communities.

3.1 - To provide leadership programming to limited resource individuals through the development of educational program and community economic development initiatives.

4.1 - To assist farmers (small socially disadvantaged, underserved, minority and owners) in retaining their land and reversing the decline in the number of farms in South Carolina.

5.1 - To provide nutrition education that promotes healthy living and allows opportunity for assessing healthy behaviors to deter the prevalence of obesity.

The priorities will be met by onboarding specific personnel (Agents and Support Staff in the areas of Sustainable Agriculture and & Natural Resource Development, Family, Nutrition

ACCOUNTABILITY OF FUNDS

and Health.

The continuous evaluation will measure the impacts of the programs through our required State Accountability Report.

South Carolina State University's PSA diligently measures and evaluates programs for effectiveness and relevance. The use of funds would be evaluated by internal and external sources. Internally, each program/activity has incorporated into its operation a measurement tool to analyze performance. The data/information is collected, analyzed and used to direct areas of programming, discover strengths and weaknesses, as well as provide results of research findings, which are published in bulletins, one-pagers, brochures, presentations, etc. Several programs offer standardized pre and post-tests that allow agents to document the area(s) where program participants are weak and need more instruction as well as highlight area(s) of strength. Externally, there are several reports due quarterly and annually that measure outcome or performance measures, such as the assessment reports, budget reports, etc. The information gathered drives the programs and activities conducted from one year to the next.

Communication with different constituent groups and advisory boards allows us to update and present relevant information to receive feedback.

As a participant with the State Extension Advancement Council, statewide members also give feedback on the relevance and effectiveness of our programs.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS

Individuals or entities do not directly receive funds from SC State PSA. However, the benefactors of the funds will be the residents of South Carolina with a special emphasis on underserved or limited-resources clientele through the programs/activities being offered by SC State PSA.

What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

Statewide Extension Agribusiness Development Support -- \$2,100,000.00

Urban Agriculture - The face of agriculture is changing and urban agriculture is one of the latest movements to challenge the traditional view of farming. From rooftop gardens to aquaponics centers in old warehouses to growing crops on abandoned properties, urban agriculture provides many benefits to a community, including closer neighborhood ties, reduced crime, education and job training opportunities and access to healthy food for low-income residents. In order to provide growing populations with fresh vegetables, meat and fish, a smarter system of food production is essential. At present, foods are transported long distances from their production locations to consumers. Refrigeration and air transportation produce significant quantities of CO₂. Urban Farming seeks to bring food production into the city directly to the consumer.

Controlled-Environment Agriculture (CEA) - Controlled environment agriculture is the method of growing produce within a closed ecosystem and managing numerous variables. The purpose behind this method is to reduce the threat of diseases and pests, maximize efficiency, increase sustainability and yield, as well as decrease the overall cost of operation. The market for controlled environment agriculture is certainly booming and the market share of CEA is expected to reach as high as \$142 billion by 2024. (South Carolina is developing a CEA Campus in Early Branch, SC that is expected to produce 1500 jobs with an investment of \$600 million.)

Organic Agriculture - The organic industry is one of the fastest growing agricultural segments in the United States. Organic farming yields such vital benefits as preservation of the soil's organic composition. Organic farmers utilize practices that: maintain and improve fertility, soil structure and biodiversity, reduce erosion, minimize the risks of human, animal and environmental exposure to toxic materials, fine-tune farming practices to meet local production conditions and satisfy local markets.

Innovative Research in Emerging Alternative Crops - Cultivating alternative crops present new cropping systems in many regions of the world. It focuses on new emerging

JUSTIFICATION OF REQUEST

research topics aiming to study all aspects of adaptation under several stresses including agricultural, environmental, biological and socioeconomic issues. The research seeks to provide operational and practical solutions for scientists, producers, technology developers and managers to succeed the cultivation of new alternative crops and consequently, to achieve food security.

Budget Breakdown: Requested positions includes salary and 38% fringe rate

- Urban Agriculture - $\$40,000 + \$15,200 = \$55,200$ (2 agents = $\$110,400$)
- Controlled-Environment Agriculture - $\$40,000 + \$15,200 = \$55,200$ (2 agents = $\$110,400$)
- Organic Agriculture - $\$40,000 + \$15,200 = \$55,200$ (2 agents = $\$110,400$)
- Innovative Research in Emerging Alternative Crops - $\$40,000 + \$15,200 = \$55,200$ (2 agents = $\$110,400$)

$\$110,000 + \$41,800 = \$151,800$ (3 scientists = $\$455,400$)

- Operational Support - $\$1,203,000$ - Operations and Implementation

The $\$2,100,000.00$ requested for staff, operations and implementation is to provide programs and activities for small farmers in our service areas throughout South Carolina.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY

2

Provide the Agency Priority Ranking from the Executive Summary.

TITLE

Transformation of Small Business Operations through Digital Technologies

Provide a brief, descriptive title for this request.

AMOUNT

\$585,000

What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST

Mark "X" for all that apply:

- ☐ Change in cost of providing current services to existing program audience
- ☐ Change in case load/enrollment under existing program guidelines
- ☐ Non-mandated change in eligibility/enrollment for existing program
- ☐ Non-mandated program change in service levels or areas
- ☐ Proposed establishment of a new program or initiative
- ☐ Loss of federal or other external financial support for existing program
- ☐ Exhaustion of fund balances previously used to support program
- ☐ IT Technology/Security related
- ☐ Consulted DTO during development
- ☒ Request for Non-Recurring Appropriations
- ☐ Request for Federal/Other Authorization to spend existing funding
- ☐ Related to a Recurring request – If so, Priority #

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES

Mark "X" for primary applicable Statewide Enterprise Strategic Objective:

- ☒ Education, Training, and Human Development
- ☐ Healthy and Safe Families
- ☐ Maintaining Safety, Integrity, and Security
- ☐ Public Infrastructure and Economic Development
- ☐ Government and Citizens

ACCOUNTABILITY OF FUNDS

The funding request supports the following strategy as outlined in the FY20-21 Strategic Planning and Performance Measurement template of South Carolina State University PSA's Accountability Report:

3.1 - To provide leadership programming to limited-resource individuals through the development of educational programs and community economic development initiatives.

The priority will be met by providing education and training to small businesses through partnerships with other entities.

The evaluation will measure the impacts of the initiative through the required State Accountability Report.

South Carolina State University's PSA Program diligently measures and evaluates programs for effectiveness and relevance. The use of funds would be evaluated by internal and external sources. Internally, each program/activity has incorporated into its operation a measurement tool to analyze performance. The data/information is collected, analyzed and used to direct areas of programming, discover strengths and weaknesses, as well as provide results of research findings, which are published in bulletins, one-pagers, brochures, presentations, press releases, webinars, etc. The information gathered drives the programs and activities conducted from one year to the next.

Communication with different constituent groups and advisory boards allows us to update and present relevant information to receive feedback.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS

Individuals or entities do not directly receive funds from SC State PSA. However, the benefactors of the funds will be small business owners of South Carolina within the SC State PSA's service delivery area. Because the individuals or entities do not directly receive funds, there would be no funds allocated.

What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

JUSTIFICATION OF REQUEST

Transformation of Small Business Operations through Digital Technologies

The unique nature of the COVID-19 crisis has transformed business as we once knew it. The effects of the pandemic pose a new set of challenges for small businesses in South Carolina. In some industries, the use of technology has accelerated business operations by several years, giving them an advantage over their competitors who were unable to leverage the power of technology. As technology has altered consumer demand and modified the way in which they interact with businesses, "Main Street businesses" must quickly adapt to the transformation underway. As such, the proposed community and economic development program delivery will seek to improve operations and enhance business models that will improve profitability through the use of digital technology and provide training and education to ensure efficient use.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY

3

Provide the Agency Priority Ranking from the Executive Summary.

TITLE

Nutrition and Mental Health amid the COVID-19 Pandemic: A Multi-Level Approach

Provide a brief, descriptive title for this request.

AMOUNT

\$244,000

What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST

Mark "X" for all that apply:

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | Change in cost of providing current services to existing program audience |
| <input type="checkbox"/> | Change in case load/enrollment under existing program guidelines |
| <input type="checkbox"/> | Non-mandated change in eligibility/enrollment for existing program |
| <input type="checkbox"/> | Non-mandated program change in service levels or areas |
| <input type="checkbox"/> | Proposed establishment of a new program or initiative |
| <input type="checkbox"/> | Loss of federal or other external financial support for existing program |
| <input type="checkbox"/> | Exhaustion of fund balances previously used to support program |
| <input type="checkbox"/> | IT Technology/Security related |
| <input type="checkbox"/> | Consulted DTO during development |
| <input checked="" type="checkbox"/> | Request for Non-Recurring Appropriations |
| <input type="checkbox"/> | Request for Federal/Other Authorization to spend existing funding |
| <input type="checkbox"/> | Related to a Recurring request – If so, Priority # |

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES

Mark "X" for primary applicable Statewide Enterprise Strategic Objective:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Education, Training, and Human Development |
| <input type="checkbox"/> | Healthy and Safe Families |
| <input type="checkbox"/> | Maintaining Safety, Integrity, and Security |
| <input type="checkbox"/> | Public Infrastructure and Economic Development |
| <input type="checkbox"/> | Government and Citizens |

ACCOUNTABILITY OF FUNDS

The funding request supports the following strategy as outlined in the 2020-21 Strategic Planning and Performance Measurement Template of the South Carolina State University PSA's Accountability Report:

5.1 - To provide nutrition education that promotes healthy living and allows opportunity for assessing healthy behaviors to deter obesity.

The priority will be met by providing education and outreach to the citizens of South Carolina.

South Carolina State University's PSA Program diligently measures and evaluates programs for effectiveness and relevance. The use of funds would be evaluated by internal and external sources. Internally, each program/activity has incorporated into its operation a measurement tool to analyze performance. The data/information is collected, analyzed and used to direct areas of programming, discover strengths and weaknesses, as well as provide results of research findings, which are published in bulletins, one-pagers, brochures, presentations, press releases, webinars, etc. The information gathered drives the programs and activities conducted from one year to the next.

Communication with different constituent groups and advisory boards allows us to update and present relevant information to receive feedback.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS

Individuals or entities do not directly receive funds from SC State PSA. However, the benefactors of the funds will be the residents of South Carolina with a special emphasis on the underserved or limited-resource clientele through the programs/activities being offered by SC State PSA. Because the individuals or entities do not directly receive funds, there would be no funds allocated.

What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

JUSTIFICATION OF REQUEST

COVID-19, a disease caused by a novel coronavirus, became a major global human threat that has turned into a pandemic. Experiences from previous outbreaks have shown that as an epidemic evolves, there is an urgent need to expand public health activities. In fact, psychological and behavioral countermeasures of both the individual and the community are vital determinants to improve resilience and enhance the improvement of public health. Additionally, poor diet quality has been associated not only with physical but also mental health. In order to enhance the physical health of individuals, mental health must be addressed. The Nutrition and Mental Health Program will address nutrition and mental health of South Carolinians to ensure optimal health is achieved for the individual and the community.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY

4

Provide the Agency Priority Ranking from the Executive Summary.

TITLE

Impact of COVID-19 on Small Farm Sustainability and Capacity

Provide a brief, descriptive title for this request.

AMOUNT

\$262,000

What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST

Mark "X" for all that apply:

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | Change in cost of providing current services to existing program audience |
| <input type="checkbox"/> | Change in case load/enrollment under existing program guidelines |
| <input type="checkbox"/> | Non-mandated change in eligibility/enrollment for existing program |
| <input type="checkbox"/> | Non-mandated program change in service levels or areas |
| <input type="checkbox"/> | Proposed establishment of a new program or initiative |
| <input type="checkbox"/> | Loss of federal or other external financial support for existing program |
| <input type="checkbox"/> | Exhaustion of fund balances previously used to support program |
| <input type="checkbox"/> | IT Technology/Security related |
| <input type="checkbox"/> | Consulted DTO during development |
| <input checked="" type="checkbox"/> | Request for Non-Recurring Appropriations |
| <input type="checkbox"/> | Request for Federal/Other Authorization to spend existing funding |
| <input type="checkbox"/> | Related to a Recurring request – If so, Priority # |

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES

Mark "X" for primary applicable Statewide Enterprise Strategic Objective:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Education, Training, and Human Development |
| <input type="checkbox"/> | Healthy and Safe Families |
| <input type="checkbox"/> | Maintaining Safety, Integrity, and Security |
| <input type="checkbox"/> | Public Infrastructure and Economic Development |
| <input type="checkbox"/> | Government and Citizens |

ACCOUNTABILITY OF FUNDS

The funding request supports the following strategy as outlined in the FY20-21 Strategic Planning and Performance Measurement template of South Carolina State University PSA's Accountability Report:

4.1 - To assist farmers (small socially disadvantaged, underserved, minority and owners) in retaining their land and reversing the decline in the number of farms in South Carolina.

The priority will be met by providing education and training to the small farm community.

The evaluation will measure the impacts of the initiative through the required State Accountability Report. South Carolina State University's PSA Program diligently measures and evaluates programs for effectiveness and relevance. The use of funds would be evaluated by internal and external sources. Internally, each program/activity has incorporated into its operation a measurement tool to analyze performance. The data/information is collected, analyzed and used to direct areas of programming, discover strengths and weaknesses, as well as provide results of research findings, which are published in bulletins, one-pagers, brochures, presentations, press releases, webinars, etc. The information gathered drives the programs and activities conducted from one year to the next.

Communication with different constituent groups and advisory boards allows us to update and present relevant information to receive feedback.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS

Individuals or entities do not directly receive funds from SC State PSA. However, the benefactors of the funds will be small farmers within SC State PSA's regional delivery areas throughout SC. Because the individuals or entities do not directly receive funds, there would be no funds allocated.

What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

JUSTIFICATION OF REQUEST

The COVID-19 crisis has impacted many industries across the country and state, including agriculture. Though many large farms have been severely impacted by the virus due to a decline in international trade, COVID-19 has nearly stifled the viability of the state's small farms. Its effects have brought to the forefront the need for business health, safety and continuity planning. Post-COVID-19 is an ideal time to educate agricultural entrepreneurs, farm laborers, family members and the general public on current best practices designed to ensure their safety and health, particularly for the laborers who work during the busy planting and harvesting seasons. While much of the negative impact on the agriculture industry has sustained from COVID-19 has been uncontrollable, there are ways in which ag producers can mitigate or prevent the unfavorable outcomes of COVID-19 on the health productivity of farms. Efforts through this program will address significant challenges on the farm including maintaining a safe workplace, interacting with the public at the farmer's market or roadside markets and legal issues.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM C – CAPITAL REQUEST

AGENCY PRIORITY

5

Provide the Agency Priority Ranking from the Executive Summary.

TITLE

Construction of Youth Residential Cabin at Historic Camp Harry E. Daniels

Provide a brief, descriptive title for this request.

AMOUNT

\$2,000,000

How much is requested for this project in FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

CPIP PRIORITY

CPIP Plan Year 3 of 3

Priority 3 of 12

First included in the FY2020-21 CPIP

The initiative is reliant upon support from additional state funding.

Identify the project's CPIP plan year and priority number, along with the first year in which the project was included in the agency's CPIP. If not included in the agency's CPIP, please provide an explanation. If the project involves a request for appropriated state funding, briefly describe the agency's contingency plan in the event that state funding is not made available in the amount requested.

OTHER APPROVALS

Currently, no approvals has been obtained for the project. If funding is allocated, the appropriate approvals internally and externally will be obtained.

What approvals have already been obtained? Are there additional approvals that must be secured in order for the project to succeed? (Institutional board, JBRC, SFAA, etc.)

LONG-TERM PLANNING AND SUSTAINABILITY

This is a new request for funding. If fully funded, the \$2M request will develop new housing for youth and participants at Camp Harry E. Daniels. No future request for capital and/or operating funding is planned for relative to these proposed improvements. Savings will be realized through reduction in rentals for daily transportation to and from site and cost of rental housing. The savings will impact both state appropriated and generated-revenues. The useful life of the improvements is 40 years.

What other funds have already been invested in this project (source/type, amount, timeframe)? Will other capital and/or operating funds for this project be requested in the future? If so, how much, and in which fiscal years? Has a source for those funds been identified/secured? What is the agency's expectation with regard to additional annual costs or savings associated with this capital improvement? What source of funds will be impacted by those costs or savings? What is the expected useful life of the capital improvement?

4-H camp is a group living experience for youth to grow and adapt to changes. Camp is the first place children test their individuality away from their family, practice leadership through group participation, teamwork, cooperation and sportsmanship. Our staff establish positive relationships with other campers, teen leaders and adult leaders to reinforce lessons learned at home such as helpfulness, cleanliness, courtesy, table manners, etc. The healthy environment for campers focuses on positive decision making, discipline, family, nutrition, health as well as experience nature and outdoors in a positive safe environment.

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM C – CAPITAL REQUEST

AGENCY PRIORITY

6

Provide the Agency Priority Ranking from the Executive Summary.

TITLE

Construction of The South Carolina Limnology Research Center

Provide a brief, descriptive title for this request.

AMOUNT

\$5,000,000

How much is requested for this project in FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

CPIP PRIORITY

CPIP Plan Year 3 of 3

Priority 3 of 12

First included in the FY2020-21 CPIP

The initiative is reliant upon support from additional state funding.

Identify the project's CPIP plan year and priority number, along with the first year in which the project was included in the agency's CPIP. If not included in the agency's CPIP, please provide an explanation. If the project involves a request for appropriated state funding, briefly describe the agency's contingency plan in the event that state funding is not made available in the amount requested.

OTHER APPROVALS

Currently, no approvals have been obtained for this project. If funding is allocated, the appropriate approvals internally and externally will be obtained.

What approvals have already been obtained? Are there additional approvals that must be secured in order for the project to succeed? (Institutional board, JBRC, SFAA, etc.)

LONG-TERM PLANNING AND SUSTAINABILITY

The request is a new request. If fully funded, the \$5M request will develop a new South Carolina Limnology Research Center for the study of the entire ecosystem of the 51 rivers and lakes that are interconnected throughout South Carolina. No future request for capital and/or operating funding is planned related to the proposed improvement. Savings will be realized through reduction rentals for daily transportation to and from laboratory spaces at main campus or private laboratories. The savings will impact both state appropriated and generated-revenues. The useful life of the improvements is approximately 40 years.

What other funds have already been invested in this project (source/type, amount, timeframe)? Will other capital and/or operating funds for this project be requested in the future? If so, how much, and in which fiscal years? Has a source for those funds been identified/secured? What is the agency's expectation with regard to additional annual costs or savings associated with this capital improvement? What source of funds will be impacted by those costs or savings? What is the expected useful life of the capital improvement?

South Carolina Limnology Research Center will be a multidisciplinary, cross-college research organization focusing its efforts on freshwater management, water policy, remote water sensing, image analysis and technological innovation, water resources and population growth and emerging water problems. Through its work, the Limnology Research Center will provide state agencies, private entities and non-profit organizations with information needed to make unbiased, research-based decisions about the river and lake system in South Carolina. The facility will include analysis laboratories, meeting space with virtual capabilities located on Lake Marion, an ideal location for research, monitoring, analysis and technical instruction. The proximity to the river system has direct impact on researchers' ability to conduct joint research, trainings and outreach to constituency. Additionally, the innovation will allow the support from federal grants

and private investments for continued support and growth.

SUMMARY

Provide a summary of the project and explain why it is necessary. Please refer to the budget guidelines for appropriate questions and thoroughly answer all related items.

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM E – AGENCY COST SAVINGS AND GENERAL FUND REDUCTION CONTINGENCY PLAN

TITLE	Agency Cost Savings and General Fund Reduction Contingency Plan
AMOUNT	\$198,995 <i>What is the General Fund 3% reduction amount? This amount should correspond to the reduction spreadsheet prepared by EBO.</i>
ASSOCIATED FTE REDUCTIONS	No FTEs would be reduced in the association with the General Fund reduction. <i>How many FTEs would be reduced in association with this General Fund reduction?</i>
PROGRAM / ACTIVITY IMPACT	SC State PSA (Research & Extension) programs/activities supported by General Funds are in the areas of extension: agriculture/natural resources; family life; health and nutrition; 4-H youth development; community economic development; education and technology. <i>What programs or activities are supported by the General Funds identified?</i>
SUMMARY	Should a reduction in General Funds Appropriation occur, not only would SC State PSA be reduced by 3% (\$198,995), as requested by the Executive Budget Office; but, there would also be a reduction of 3% (\$198,995) in federal funds, per the USDA-NIFA Cooperative Agreement. Therefore, the total reduction in funding to SC State PSA would be \$397,990 (6%). Consequently, the impact of the reductions would limit the ability of staff to deliver programs/activities offered to the residents of South Carolina with a special emphasis on the underserved communities.

Please provide a detailed summary of service delivery impact caused by a reduction in General Fund Appropriations and provide the method of calculation for anticipated reductions. Agencies should prioritize reduction in expenditures that have the least significant impact on service delivery.

AGENCY COST SAVINGS PLANS

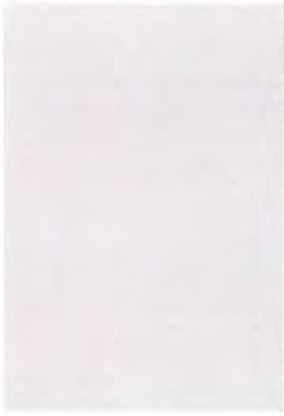
The measures SC State PSA plans to implement to reduce its costs and operating expenses by more than \$50,000 are to decrease funds allocated to programs and activities performed by the agents in the service regions. Administrative operational costs would also be reduced. The estimated amount of savings and measures taken would limit the services provided to the constituents of South Carolina.

What measures does the agency plan to implement to reduce its costs and operating expenses by more than \$50,000? Provide a summary of the measures taken and the estimated amount of savings. How does the agency plan to repurpose the savings?

Agency Name:	South Carolina State University - Public Service Activities		
Agency Code:	P210	Section:	46

FORM F – REDUCING COST AND BURDEN TO BUSINESSES AND CITIZENS

TITLE	N/A
	<i>Provide a brief, descriptive title for this request.</i>
EXPECTED SAVINGS TO BUSINESSES AND CITIZENS	N/A
	<i>What is the expected savings to South Carolina's businesses and citizens that is generated by this proposal? The savings could be related to time or money.</i>
FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply: <input type="checkbox"/> Repeal or revision of regulations. <input type="checkbox"/> Reduction of agency fees or fines to businesses or citizens. <input type="checkbox"/> Greater efficiency in agency services or reduction in compliance burden. <input type="checkbox"/> Other
METHOD OF CALCULATION	N/A
	<i>Describe the method of calculation for determining the expected cost or time savings to businesses or citizens.</i>
REDUCTION OF FEES OR FINES	N/A
	<i>Which fees or fines does the agency intend to reduce? What was the fine or fee revenue for the previous fiscal year? What was the associated program expenditure for the previous fiscal year? What is the enabling authority for the issuance of the fee or fine?</i>
REDUCTION OF REGULATION	N/A
	<i>Which regulations does the agency intend to amend or delete? What is the enabling authority for the regulation?</i>
SUMMARY	N/A



Provide an explanation of the proposal and its positive results on businesses or citizens. How will the request affect agency operations?

SUMMARY

Provide a summary of the project and explain why it is necessary. Please refer to the budget guidelines for appropriate questions and thoroughly answer all related items.



SC STATE PSA (210) Carry Forward Summary

SC State PSA (210) has no reported carry forward for FY 2022-2023.



For 125 years, SC State University has supported and contributed to the progress of the state of South Carolina and the nation in key economic drivers such as agriculture, food and fiber, the sciences and education. The institution delivers its land-grant promise of improving quality of life and raising the standard of living for South Carolinians through SC State PSA.

SC State PSA works to make stronger and healthier communities by putting research-based practices and solutions to work. By developing and delivering high quality educational opportunities, SC State PSA contributes to continuous improvement and advancement.

SC State PSA's legislative budget request seeks to advance the well-being of the most vulnerable populations in the state, nation and world: small, minority farmers, ranchers and landowners, small business entrepreneurs, low-income youth and socially disadvantaged rural and urban families and communities.

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300 College Ave, Orangeburg, SC 29117

SC State University 1890 Research & Extension offers its programs to people of all ages, regardless of race, color, gender, religion, national origin, disability, political beliefs, sexual orientation, gender identity, marital or family status and is an equal opportunity employer.

2022-2023 BUDGET PRIORITIES

SCState

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SC STATE

STATEWIDE EXTENSION AGRIBUSINESS DEVELOPMENT SUPPORT

#1 RECURRING REQUEST - \$2.1M

Local food systems across the country are changing. To ensure agriculture producers keep pace with the growing momentum and the ever-increasing demand to keep Americans fed with healthy and nutrient-dense foods, funds for the request will allow SC State PSA to train and educate farmers on emerging areas of agriculture, including, urban and community agriculture, controlled-environment agriculture, organic agriculture and innovative research in emerging alternative crops. Funding will support staff, operations and implementation of programs and activities to small farmers in our service areas throughout South Carolina.



TRANSFORMATION OF SMALL BUSINESS OPERATIONS THROUGH DIGITAL TECHNOLOGIES

#1 NON-RECURRING REQUEST - \$585,000

South Carolina lost 10 percent of small businesses due to the COVID-19 pandemic. Reports suggest more businesses will shut their doors if no relief is provided. While some businesses are suffering, others have succeeded by taking advantage of technology. The requested funding will be used to assist "Main Street" businesses by improving operations and enhancing business models that will boost profitability through the use of digital technology. Small business entrepreneurs will receive technical assistance, training and education to ensure efficient use.

PSA BUDGET

NUTRITION AND MENTAL HEALTH AMID THE COVID-19 PANDEMIC: A MULTI-LEVEL APPROACH

#2 NON-RECURRING REQUEST - \$244,000

The mental health and well-being of adults have been deeply impacted by COVID-19. Approximately 4 in 10 adults in the U.S. have reported symptoms of anxiety or other depressive orders during the pandemic. Additionally, weight gain has spiked from stress of the pandemic and telecommuting from home. COVID-19 strained small ag farmers and producers whose ability to sell produce was halted while the food supply chain was disrupted by the pandemic. An investment in the nutrition and mental health budget priority provides SC State PSA with means to educate participants on ways to cope and manage mental health, as well as teach nutrition principles to help ensure individuals and communities achieve and sustain optimal health.



IMPACT OF COVID-19 ON SMALL FARM SUSTAINABILITY AND CAPACITY

#3 NON-RECURRING REQUEST - \$262,000

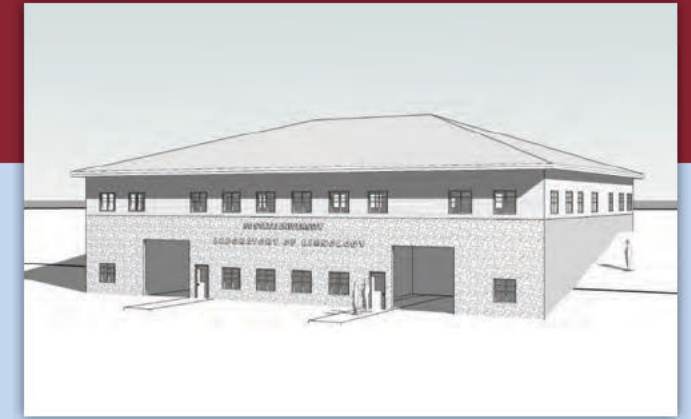
Though many large farms have been severely impacted by COVID-19 due to a decline in international trade, the pandemic has nearly stifled the viability of the state's small farms. Its effects have brought to the forefront the need for business health, safety and continuity planning. Efforts through this program will address significant challenges on the farm, including maintaining a safe workplace, interacting with the public at the farmer's market or roadside markets and understanding legal issues.

PRIORITIES

CONSTRUCTION OF YOUTH RESIDENTIAL CABINS AT HISTORIC CAMP HARRY E. DANIELS

#4 NON-RECURRING REQUEST - \$2M

4-H Camp provides a memorable group living experience for youth to grow and adapt to changes. Camp provides opportunities for youth to express themselves and discover and celebrate their individuality, while also being exposed to the benefits of teamwork and collaboration. Leadership and citizenship skills are learned and practiced through peer-to-peer interactions. If fully funded, the requested funds will construct new housing for youth and participants at the historic Camp Harry E. Daniels in Elloree, S.C. The residential experience will allow campers to be fully immersed in a traditional camping experiences.



CONSTRUCTION OF THE SOUTH CAROLINA LIMNOLOGY RESEARCH CENTER

#5 NON-RECURRING REQUEST - \$5M

Located on Lake Marion, the South Carolina Limnology Research Center will be a multi-disciplinary, cross-college research organization focusing its efforts on freshwater management, water policy, remote water sensing, image analysis and technological innovation, water resources and population growth and other water issues. Through its work, the Limnology Research Center will provide state agencies, private entities and non-profit organizations with information needed to make unbiased, scientific-based decisions about the river and lake systems in South Carolina.

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FY 2022-23 Budget Hearing

Alexander Conyers, Interim President

Louis Whitesides, DBA, Vice President and Executive Director

Agency Attendees

- **Alexander Conyers**, Interim President
- **Dr. Louis D. Whitesides**, Vice President and Executive Director
- **Edoe Agbodjan**, Associate Extension Administrator
- **Lamin Drammeh**, Director for Strategic Initiatives, Evaluation and External Affairs
- **Delbert Foster**, Associate Director
- **Venyke Harley**, Director for Human Relations and Organizational Development
- **Tokmeco James**, Director for Finance
- **Elizabeth Mosely-Hawkins**, Director for Marketing and Communications
- **Keesha Pelzer**, Director for Business and Administrative Operations



Alexander Conyers, Interim President



Louis Whitesides, Vice President and Executive Director

Agency Information

- SC State PSA innovates and educates to improve the quality of life and raise the standard of living for all South Carolinians.
- From methodical research for the betterment of traditional and controlled environment agriculture to technological innovation, business enterprises and promoting family wellness in limited-resource communities across South Carolina, SC State PSA constitutes an enormous portion of the university's outreach activities for more than 120 years.
- SC State PSA is part of a national system of over 100 land-grant colleges and universities which provides education, research and outreach services for the benefit of their respective states, the nation and global communities. The cooperative work is done in partnership with the U.S. Department of Agriculture and the state departments of agriculture.

Agency Information *cont.*

Extension

- Through outreach programs and services, SC State PSA address quality of life opportunities for underserved and socially disadvantaged minority communities and entrepreneurs.
- 7 Regional Service Areas: **Coastal, Low Country, Midlands, Pee Dee, Piedmont, Santee Wateree** and **Upstate**
 - Future locations include: **Capital** and **Catawba** regions
- 5 Outreach Priorities: **4-H Youth Development, Community and Economic Development, Education Innovation and Support, Family Nutrition and Health** and **Sustainable Agriculture and Natural Resources**



Agency Information *cont.*

Research

- At the core of its mission, SC State PSA's research seeks to identify scientific solutions that would positively impact current and emerging food and agricultural issues at local, state, national and global levels.
- 5 Research Focus Areas: **K-12 Education Research, Data Science for Food and Agricultural Systems, Food Safety and Health, Social Science in Agriculture, and Urban, Indoor and Emerging Agriculture**



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Accomplishments

College of Agriculture and Family and Consumer Sciences

- *College of Agriculture and Family and Consumer Sciences returned, July 2021*

SC STATE 1890 CELEBRATES

the new

College of Agriculture and Family and Consumer Sciences



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Accomplishments

Sustainable Agriculture and Natural Resources

- Next Wave of Hemp: How South Carolina Builds an Industrial Supply Chain and Infrastructure for a Green Future, *Dec. 2020*
- SC State University 1890 Research & Demonstration Farm Opens, *March 2021*
- High Tunnel Production and Management Workshop, *Sept. 2021*



Accomplishments

Community & Economic Development

- \$750,000 Beginning Farmers Grant, *awarded by U.S. Department of Agriculture*
- Low Country Agribusiness Tour, *Aug. 2021*
- Implementing Risk Management and Marketing Plans and Strategies Workshop Series, *Aug.- Nov. 2021*



Accomplishments

4-H Youth Development

- Governor's School for Agriculture at John de la Howe Memorandum of Agreement, *Sept. 22*
- STEM, entrepreneurship and youth intervention summer camps, *June – Aug. 2021*
- Camp Harry E. Daniels re-opens, *June 2021*



Accomplishments

Family Nutrition and Health

- Kids in the Kitchen, *on-going*
- Horticulture Therapy Research
- Expanded Food and Nutrition Education Program, *on-going*



Accomplishments

Education Innovation and Support

- *SC State University 1890 Agriculture Innovation Scholars*
- *College 101 Workshops*



Accomplishments

Facilities

Acquired & Renovating

- Coastal Research & Outreach Center, Charleston, SC, *expected opening Dec. 2021*
- Camp Harry E. Daniels Leadership Center, Cabins and Conference Center, Elloree, SC *expected opening Feb. 2022*
- Pee Dee Research & Outreach Center, Florence, SC, *expected opening Feb. 2022*
- Upstate Research & Outreach Center, Anderson, SC, *expected opening March 2022*
- Capital Research & Outreach Center, Columbia, SC, *expected opening Oct. 2022*

Scheduled for Acquisition

- Catawba Research & Outreach Center, Rock Hill, SC, *expected opening May 2022*



Budget Priorities

Recurring

Priority 1 - \$2.1M - Statewide Extension Agribusiness Development Support

- Requested funding will allow SC State PSA to train and educate farmers on emerging areas of agriculture, including urban and community agriculture, controlled environment agriculture, organic agriculture and innovative research in promising alternative crops.

“...SC State 1890 Research & Extension was very instrumental in helping me to learn about the [organic] industry. ...My husband and I attended the Small Farmers Agricultural Leadership Institute, and that was a life-changing experience, personally and professionally.” – **Helen Fields, Joseph Fields Farms, Charleston, SC**

Budget Priorities

Non-Recurring

Priority 1 - \$585,000 – Transformation of Small Business Operations Through Digital Technologies

- Requested funding will be used to assist “Main Street” businesses by improving operations and enhancing business models that will boost profitability by using digital technology. Small agribusiness entrepreneurs will receive technical assistance, training and education to ensure efficient use.

- 10% of S.C. small businesses closed due to COVID-19, *South Carolina Chamber of Commerce, March 2021*
- S.C. ranks #12 of top 20 states with new small business applications, *Simply Business, September 2021*
- Respondents expect digital adoption in business to be long lasting and are already making investments that will sustain their business, *McKinsey Global Survey, October 2021*

Budget Priorities

Non-Recurring

Priority 2 - \$244,000 – Nutrition and Mental Health Amid the COVID-19 Pandemic: A Multi-Level Approach

- Requested funding will provide SC State PSA with means to educate participants on ways to cope and manage mental health, as well as teach nutrition principles to help ensure individuals and communities achieve and sustain optimal health.

- 91% of farmers cited financial issues as a significant stressor on mental health, *American Farm Bureau, July 2020*
- 46% of farmers said it's difficult to access a therapist or counselor in their local communities, *American Farm Bureau, July 2020*
- Adults gained an average unwanted 29 pounds, *American Psychological Association, July 2021*

Budget Priorities

Non-Recurring

Priority 3 - \$262,000 – Impact of COVID-19 on Small Farm Sustainability and Capacity

- Requested funding will be used to address significant challenges on the farm, including maintaining a safe workplace, interacting with the public at farmer's or roadside markets and understanding legal issues.

- Agriculture and food industry employees are essential workers. Mitigating risks from illness is vital to ensure continued operations.
- 57.5 years is the average age of all U.S. farm producers in 2017, *U.S. Census Bureau*
- Older age is among the risk factors for becoming severely ill with the Coronavirus.

Budget Priorities

Capital Request

Priority 4 - \$2M – Construction of Youth Residential Cabins at Historic Camp Harry E. Daniels

- Requested funding will support the construction of cabins, which will allow campers to be fully immersed in traditional camping experiences that promote leadership development, citizenship responsibility and teamwork.

- Camps build skills necessary to prepare campers to assume roles as successful adults. Parents, campers, and camp staff independently reported growth in areas such as self-confidence, independence, making friends, exploring and learning new activities, and spirituality. Indeed, camp provides growth experiences for youth that can benefit them through adulthood, *American Camping Association*.

Budget Priorities

Capital Request

Priority 5 - \$5M – Construction of the South Carolina Limnology Research Center

- The S.C. Limnology Research Center will explore complex issues of the state's freshwater systems and how it affects competing priorities of water for food, energy, economic growth, human consumption and other ecosystems. Research findings will be useful in helping the state to manage and conserve water as a natural resource necessary for survival.



COVID-19 Expenditures

Please show any Federal funds you have received related to COVID-19 to include information on amount received, amount disbursed, purpose of expenditure, and plan for any remaining balances.

N/A – No funds received.

Cost-Savings Plan

Should a reduction in General Funds Appropriation occur, not only would SC State PSA be reduced by 3% (\$198,995), as requested by the Executive Budget Office; but there would also be a 3% reduction (\$198,995) in federal funds, per the USDA-NIFA Cooperative Agreement. Therefore, the **total reduction in funding to SC State PSA would be \$397,990 (6%)**. Consequently, the impact of the reductions would limit the ability of staff to deliver programs/activities offered to the residents of South Carolina with a special emphasis on underserved communities.

Cost-Savings Plan *cont.*

The measures SC State PSA plans to implement to reduce costs and operating expenses by more than \$50,000 are to decrease funds allocated to programs and activities performed by agents in the service regions. Administrative operational costs would also be reduced. The estimated amount of savings and measures taken would limit the services provided to the constituents of South Carolina.

YOUTH CABIN ELEVATIONS



① FRONT ELEVATION
1/8" = 1'-0"



② 3D View 1



③ 3D View 2

News

SC State 1890 Launches New Research Farm



SC State 1890 Launches New Research Farm

By Eva Moore | Photos by Maurice Mitchell and Pressmark LLC

This story appears in the April 15, 2021 issue of the South Carolina Market Bulletin.

University and local officials and Commissioner of Agriculture Hugh Weathers gathered March 26 for a ribboncutting and groundbreaking at South Carolina State University's future research and demonstration farm.

Located in the small community of Olar in Bamberg County, about 30 miles from SC State's Orangeburg campus, the 200-acre property is the university's first research farm in 50 years. Researchers at the farm will focus on topics including vegetable production, hemp, agroforestry, atmospheric water generation, and drone analytics.

"This farm will be a test site for the latest in farming technology and equipment," said SC State President James Clark.

As part of its land-grant mission and legacy as a historically black school, SC State's farm will have a special focus on helping small and minority farmers around the state, Clark explained.

SC State bought the property for \$760,000 using USDA funding available to land-grant universities to strengthen and increase their capabilities in the agriculture and food-related sciences, according to a university release.

The facility will have a training center with offices, meeting spaces, laboratories, classrooms and equipment storage.

A greenhouse complex is also planned. Controlled Environment Agriculture is quickly becoming a big part of farming, explained Dr. Louis Whitesides, who runs the 1890 Research and Extension program.

"We would not do our farmers justice if we did not get in this space to participate," Whitesides said. "Farming is changing as we know it and we need to make sure we stay on the cutting edge so our small and minority farmers don't get passed by."

Commissioner Weathers said the new facility will help ensure a future for South Carolina agriculture, attracting students to study agriculture and developing research and techniques to help farmers.

"One of our goals is to find that next generation of farmers," Weathers said. "We call agribusiness an industry, but it's people."

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4/20/2021

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EDUCATION

SC State awarded \$750,000 grant to cultivate beginning farmers in SC

SC State's 1890 Research & Extension program will assist disadvantaged farmers, ranchers and veterans with starting their own agriculture business in SC.



Author: WLTx

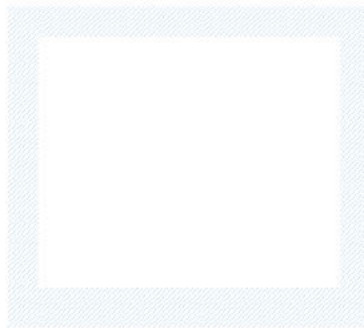
Published: 5:15 PM EDT September 13, 2021

Updated: 9:12 PM EDT September 13, 2021



ORANGEBURG, S.C. — [South Carolina State University](#) (SCSU) has been awarded a \$750,000 grant to help cultivate beginning farmers through its [1890 Research & Extension program](#).

The United States Department of Agriculture (USDA) grant will allow the program to aid socially disadvantaged farmers, ranchers, veterans through peer-to-peer mentorship with local farmers.



The 1890 Research & Extension Program at SC State University conducts research to help address problems affecting state residents and offers life-long learning opportunities through its many outreach programs.

RELATED: [SC State breaks ground on farmland in Olar](#)

With the assistance of the \$750,000 USDA grant, SC State 1890 Extension's sustainable agriculture and natural resources program will partner with three South Carolina agribusinesses to train and educate farmers in various areas such as alternative crops, livestock and natural resources. The strategic alliances will assist farmers, ranchers and veterans who are beginning to engage into various ag enterprises.

According to Dr. Joshua Dassi, state program leader for SC State Extension sustainable agriculture and natural resources, lack of resources and understanding of business operations is often what prevents beginning agriculture businesses from being successful. He hopes that by working with experienced farmers, aspiring agricultural entrepreneurs will build relationships that will expose them to vital information through peer-to-peer mentorship.

RELATED: [SC State opens new \\$3.3 million research, classroom building](#)

"Farming is a business, and collaboration is key to entrepreneurship," Dassi said. "A lack of knowledge can make operating a business seem intimidating. With these peer-to-peer partnerships, we can eliminate the educational barrier by providing hands-on technical training and classroom instruction in a friendly way from farmer to farmer."

By collaborating with [Morning Glory Homestead Farms](#) (St. Helena's and), National Veterans Agriculture Association (Gray Court) and [Help for Landowners](#) (Society Hill), farmers who are seeking novel and-use options will receive vital information in the following areas: agronomic practices, entrepreneurship education, niche market development and direct marketing strategies, and acquisition arrangements, including farm succession plan development, financial risk management, farm safety and agricultural resources identification and the development of sustainable housing and community environment modules.



RELATED: [How COVID-19 impacted farm-to-table operations in the Midlands](#)

"SC State 1890 has supported us since the beginning of our business, so we are pleased to give our support," said Tony Jones, CEO of [Morning Glory Homestead Farms](#). "As a family-owned farm, we understand the struggles of just starting out. By serving as mentors, we are able to assist the next generation of farmers by educating them on basic crop production, marketing and food safety."

The technical training and outreach programs offered through the grant are expected to begin Oct.1 to qualifying agricultural entrepreneurs.

By incorporating its Gullah tradition, Morning Glory Homestead Farms will provide outreach and assistance through an incubator program to enhance the sustainability of beginning farmers, ranchers and veterans in South Carolina.

RELATED: [Park ranger is named new director of Gullah Geechee corridor](#)

[Help for Landowners](#) will conduct drone flights and gather imagery and data to analyze potential and use options.

National Veteran Agriculture Association will provide veteran farmers with high tunnels to assist with growing plants year-round.

Developments are also underway to assist landowners with heirs' property issues and legal services.

"Farming is a community-based business which powers a nearly \$40 billion agriculture industry in the state of South Carolina," said Dr. Louis Whitesides, vice president and executive director of SC State 1890 Research & Extension. "The funding through this grant will allow us to educate and train local farmers and provide them access to invaluable resources that are required to start and maintain a thriving business."

RELATED: [Funding available for SC farmers, food processors seeking organic certification](#)

The three-year [Beginning Farmers, Ranchers and Veterans grant](#), awarded by the USDA's [National Institute of Food and Agriculture \(NIFA\)](#), supports efforts that introduce, train and educate aspiring farmers on best practices to sustain a profitable business.



For more information about the programs offered to assist small farmers, contact Dr. Joshua Idassi, state program leader for sustainable agriculture and natural resources, at jidassi@scsu.edu.

RELATED: [SC State University awarded second \\$500,000 grant to restore historic building](#)

South Carolina State awarded \$500K grant

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3/4



Press Release

October 19, 2021

SC State 1890 hosts workshop series for limited resource farmers

Five-part series assists farmers with risk management and marketing strategies

ORANGEBURG, SC The SC State University 1890 Research & Extension program is hosting a five-part workshop series for small and minority farmers. The Implementing Risk Management Marketing Plans and Strategies workshop series provides agricultural program education, individualized training on small farm risk management and understanding marketing plans and strategies at an enterprise level. The series began Aug. 7 and will conclude Nov. 13 at Camp Harry E. Daniels (116 Camp Daniels Road, Elloree, S.C).

"The workshop series provides an opportunity for farmers to get valuable insight from the presenters and our Extension agents on available resources like USDA's risk management program, Heirs' Property Preservation and other important programs for protecting their land and crops," said Dr. Louis Whitesides, vice president and executive director of 1890 programs. "As the online business model continues to evolve, we must educate farmers on how to brand and market their products on non-traditional platforms such as e-commerce and social media to succeed in selling their products."

As part of the series, farmers will receive an overview on risk management and risk management tools, including information on crop insurance programs, market and disaster assistance, animal and plant health and recovery from natural disasters. Farmers will also gain knowledge on general marketing principles, perform individualized marketing assessments and participate in group discussions with presenters, Dr. Laurance Crane, National Crop Insurance Services; Dr. Albert Essel, executive administrator for the Association of 1890 Extension Administrator; and SC State 1890 agriculture Extension agents.



Participants receive instruction during the second session of the Implementing Risk Management Marketing Strategies workshop at Camp Harry E. Daniels, in Elloree, SC.

“It is important that our farmers have an accurate inventory of all their assets, including equipment they may not use often,” said Mark Nettles, sustainable agriculture and natural resources Extension agent. “We are educating farmers on many agribusiness topics, including farm business planning, risk assessments, crop insurance and marketing principles focusing on the value of using social media as a marketing tool.”

Nettles noted that, as a culminating project, farmers will work on developing business plans using the skills and information learned while attending the first few sessions.

“Enterprise planning and budget management are very important skills that farmers need. Upon the completion of these workshops, farmers will have a good business plan that will help them to obtain credit and help them with farm taxes,” said Nettles.

The Implementing Risk Management Marketing Plans and Strategy workshop series is being held in collaboration with the United States Department of Agriculture, the National Institute of Food and Agriculture, Southern Extension Risk Management Education, the Association of 1890 Extension Administrators and the National Crop Insurance Services.

The remaining dates for the Implementing Risk Management Marketing Plans and Strategy workshop are:

Workshop #4: Oct. 23

Workshop #5: Nov. 13

For more information on the Implementing Risk Management Marketing Plans and Strategies workshop, contact Mark Nettles, sustainable agriculture and natural resources Extension agent, at mnetttles@scsu.edu.

###

About SC State 1890 Research & Extension:

The 1890 Research & Extension Program, the cornerstone of the historical land-grant status of SC State University, assists diverse rural and urban limited-resource audiences in South Carolina by conducting research that seeks to address the problems affecting state residents and offering lifelong learning opportunities through its many outreach programs.

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https://www.indexjournal.com/news/john-de-la-howe-sc-state-sign-agreement-for-agriculture-education-opportunities/article_a4363f0e-95e6-5182-b311-1452d0d229bc.html

John de la Howe, SC State sign agreement for agriculture education opportunities

From staff reports
Sep 25, 2021



Louis Whitesides, vice president and executive director for SC State 1890, speaks during Wednesday's signing.
SCREENSHOT

An agreement recently signed by two education agencies will boost agricultural learning opportunities in the state.

The S.C. Governor's School for Agriculture at John de la Howe and the S.C. State University 1980 Research and Extension signed a memorandum of agreement earlier this week.

S.C. State will procure and install a high wind tunnel at John de la Howe for teaching year-round production, as well as vertical farming towers. A summer immersion ag camp with a STEM emphasis will take place on the campus for limited resources youth, according to a press release from the schools.

A high tunnel system, also called a hoop house, "protect plants from severe weather and allow farmers to extend their growing seasons — growing earlier into the spring, later into the fall, and sometimes, year-round," according to the U.S. Department of Agriculture.

"SC State 1890 Research & Extension is excited to partner with the SC Governor's School for Agriculture and to help expose students to the possibilities that exist within agriculture," said Dr. Louis Whitesides, vice president and executive director for S.C. State 1890, in the release.

"The hoop house and vertical farming towers will introduce the future of farming to students. By integrating science, engineering, mathematics and technology in our programming, we hope to further inspire students to create new ways of providing leadership in the food and fiber industries."

During the signing ceremony Wednesday, John de la Howe principal Greg Thompson talked about his connection with S.C. State and said the partnership will leave a legacy that "will live on for a long time."

John de la Howe President Tim Keown in the release mentioned the will of Dr. John de la Howe, who left his estate for the establishment of an agricultural seminary.

"This agreement with SC State 1890 Research & Extension will help us to further our mission by exposing our students to modern agricultural techniques," Keown said.

"We have created a strong relationship with SC State officials that will pay dividends for generations of agriculturalists. Agriculture remains the state's largest economic engine; however, the average age of the producer hovers around 59 years old. For both institutions, we share a common goal to produce future leaders for the agricultural industry."

EDUCATION

SC State 1890, Orangeburg County Sheriff's Office launch youth empowerment camp

The camp s to bu d the re at onsh p between k ds and po ce



Author: Devin Johnson
Published: 6:13 PM EDT July 1, 2021
Updated: 6:13 PM EDT July 1, 2021



ORANGEBURG, S.C. — The Orangeburg County Sheriff's Office and [South Carolina State 1890](#) have aunched a new youth empowerment camp to bui d a better re ationship between kids and po ice.

"Most peop e in there don't ike the po ice, so some of them didn't want to be there," said Chase Carter with the High Schoo f Hea th Professions. "From the first day to now, it's a tota change."



The university wanted to create the program for kids - since they'd been out of schoo for so ong during the pandemic - and to give them something to do for the summer.

"Even in schoo s, some of the students' first interaction with aw enforcement is something sma ," [Make ia Mitche](#) , [1890's mid ands regiona director](#), said. " t cou d be a fight, or they are put out of schoo , but once that contact was made, it snowba s."

The camp is designed to teach 20 Orangeburg kids about anger management ski s, character education, and gang prevention. Program officia s say some of the kids were referred to the camp by schoo principa s or by themse ves.

"Our campers are between 11 and 16, so they are not going to sit back and interact," said Mitche . "We had crime scene techs come out to show them what goes into investigating a crime."

SC State 1890 Research & Extension
about 4 months ago



Camps will be held in different locations throughout the county
9:00 AM - 2:00 PM Daily
*Campers arrive on-site by 8:30 AM

NO REGISTRATION FEE

ACTIVITIES INCLUDE:

- Teambuilding Exercises
- Character Education
- Physical Fitness Activities
- Nutrition Education
- Anger Management Skills
- Gang Prevention Tips

PLUS Breakfast and Lunch Provided Daily

SESSION 1	SESSION 2	SESSION 3	SESSION 4
JUNE 28-JULY 1, 2021	JULY 12-16, 2021	JULY 26-30, 2021	AUG. 9-13, 2021
ORANGEBURG - WINDSOR JULY 1-10, 2021 JULY 11-20, 2021 WINDSOR IN JUNE 25, 2021 WINDSOR WINDSOR (WINDSOR, SC 29150)	WINDSOR BUTLER WINDSOR WINDSOR (WINDSOR, SC 29150) WINDSOR IN JUNE 25, 2021 WINDSOR WINDSOR (WINDSOR, SC 29150)	WINDSOR BUTLER WINDSOR BUTLER WINDSOR BUTLER (WINDSOR, SC 29150) WINDSOR IN JUNE 25, 2021 WINDSOR WINDSOR (WINDSOR, SC 29150)	WINDSOR BUTLER WINDSOR BUTLER WINDSOR BUTLER (WINDSOR, SC 29150) WINDSOR IN JUNE 25, 2021 WINDSOR WINDSOR (WINDSOR, SC 29150)

20 SPOTS PER CAMP

*No Transportation Provided

SC State 1890 RESEARCH & EXTENSION
Mitche Carter

To help foster healthy relationships with law enforcement and build upon skills that will inspire youth to become responsible citizens, SC State 1890 Research & Extension's Midlands region and the [Orangeburg County Sheriff's Office](#) have partnered to host a Youth Empowerment Summer Camp in various cities across Orangeburg County.

During the four-day camp, participants will have the opportunity to strengthen their team-building skills, enhance character development and more, ... [See More](#)

8 2 27

RELATED: Clafflin opens social justice center in downtown Orangeburg


"They pretty much saw every aspect of law enforcement in a way that was accessible and personable," said Chandra McPherson-Gibbs, the Orangeburg County Sheriff Office's chief of staff.

SC State 1890 and the sheriff's office will host three more sessions in Orangeburg County until August 13th. Carter says it was a life-changing experience.

"Sheriff Ravene said this, as long as he changes one person, he did his job," said Carter. "I believe I am the one person, and there's probably another kid that changed as well."

RELATED: Police: Boy removed from home after disturbing video circulates on social media

Judge denies bond for Alex Murdaugh on criminal charges



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SC State 1890 dedicates Leadership Center at Camp Daniels

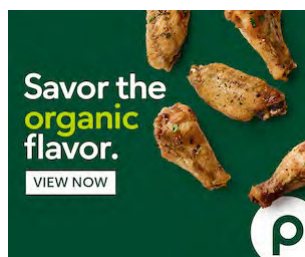
Jun 16, 2021



Dignitaries cut the ribbon on the 1890 Leadership Center.

"Camp Daniels lives again."

Those words were offered Tuesday by South Carolina State University President James E. Clark as the university's 1890 Research & Extension arm officially opened the first of new facilities at the formerly dormant Camp Harry E. Daniels.



The 1890 Leadership Center is a 15,000-square-foot structure containing a leadership training room, multipurpose meeting space, a research laboratory, an art studio, a food demonstration lab, classrooms, a computer room and offices.

SC State Board of Trustees Chairman Rodney Jenkins told the capacity crowd the center will serve students and their families, as well as businesses, industries, government agencies, nonprofits, faith-based groups and other organizations.

"Here they can assemble for training that will help leaders and companies grow to achieve the success that awaits them," Jenkins said.

The ribbon cutting festivities were conducted on the 72nd anniversary of the camp's opening. On June 8, 1949, the camp was dedicated as a permanent site for South Carolina's Black 4-H members and other underserved youth. The 267-acre camp is named for Harry E. Daniels, who served more than 25 years as state supervisor of Negro Agricultural Extension Work for then-South Carolina State College.

From its inception to its closing in 1994, Camp Daniels provided unforgettable educational and recreational experiences for limited resource and underserved youth of South Carolina. The center's walls are adorned with images – courtesy of Clemson University Special Collections and Archives – showing the agricultural and recreational activities young people participated in at the camp.

Clark described the 1890 Leadership Center's opening and the camp's new life as a critical juncture in SC State's commitment to youth and agriculture in South Carolina.

"As your eyes survey this land this evening – as you look around – I'd like you to think about -- imagine -- the many generations of minority youth who spent time right here learning and building memories," Clark said. "Think about the countless hours that they spent right here enjoying Camp Daniels and the lifelong fellowships and bonds that they formed here together right here on these grounds many, many years ago."

"Some of you in the room were actually here doing that, and there are pictures to prove it."

He then asked those in attendance to turn their thoughts to the near future "when Camp Daniels will again serve as a space for young people and adults alike to soak up the natural resources that you see around us."

Clark issued thanks to the U.S. Department of Agriculture and the SC State 1890 Research & Extension team for bringing the Leadership Center to fruition. Likewise, the 1890 team honored Clark's commitment to the camp's redevelopment by naming the center's conference room in his honor.

Among the youths who learned at Camp Daniels was Dr. Louis Whitesides, vice president and executive director of SC State 1890 Research & Extension. He enthusiastically shared memories of his days at the camp and issued a challenge for support for the camp's ongoing development.

"I want to exude the passion that I have for this sacred ground and all the thousands of kids that passed through here that I talk to all the time and (they) say, 'Man Whitesides, what you are going to do with Camp Daniels, what you are going to do with Camp Daniels.' That's all I've been hearing over the last few years.

"All I could say is, 'It's coming ... and when comes, I'm going to need your support.'"

So, by no means is the development of Camp Daniels finished. Expansion plans include more than 35 new facilities and recreation activity sites, including a ropes course, an Olympic-size pool, a demonstration barn, spacious youth cabins, an amphitheater, event shelters, a lodge and a limnology research center.

"We have an ambitious yet sound vision for what this camp can become with additional first-rate facilities and amenities," Clark said. "With your continued support, we will strengthen Camp Daniels into the active center of education that it was in the past and then some more on top of all of that."

Dr. Lamin Drammeh, SC State 1890 Research & Extension's director of strategic initiatives, evaluation and engagement, issued a plea for support of the camp's educational enterprises and announced two \$1,500 donations to the fund – one from the Palmetto Agribusiness Council and another from South Carolina Farm Bureau.

Harry Ott Jr., PAC chair and South Carolina Farm Bureau president and a state 4-H Board member, helped mark the Leadership Center's opening.

"It is about support and relationships," Ott said. "It's all about opportunities for our young people to be exposed to agribusiness.

"And when I say agribusiness, I'm not just talking about a farmer. I'm talking about an engineer that's designing precision agricultural equipment. I'm talking about doctors who are developing new seed varieties to feed the world," he said. "The opportunities in the agribusiness arena today are unlimited."

For more information about SC State 1890 Research & Extension, Camp Harry E. Daniels and the 1890 Leadership Center, visit the 1890 Facebook page at <https://www.facebook.com/scstate1890>.



Press Release

March 9, 2020

SC State 1890 Awarded \$2.25M for New Agriculture Innovation Scholarship Program

ORANGEBURG, S.C. – The SC State University 1890 Research & Extension Program will play a significant role in increasing the number of qualified professionals who will lead in the food, fiber, agriculture and human sciences fields. The research and public service program received \$2.25 million in support of the newly developed Agriculture Innovation Scholarship Program. The United States Department of Agriculture and National Institute of Food and Agriculture, both partnering agencies with SC State 1890 Research & Extension, awarded the grant which funds the scholarship initiative.

Over a four-year period, SC State 1890 will award \$562,500 each year in scholarships. For successful consideration, potential applicants must be first-time freshmen or transfer students with less than 25 credit hours. Students must have been admitted to SC State with exceptional academic performance; although, a minimum 2.8 GPA is required to apply for the scholarship. Applicants must have a minimum SAT score of 900 or a minimum ACT score of 17. Additionally, prospective scholars must pursue degrees in the following program areas: agribusiness, family and consumer sciences with specialization in child development or nutrition and food management.

“We are excited to unveil the 1890 Agriculture Innovation Scholarship Program,” said Dr. Louis Whitesides, executive director of 1890 Research & Extension. “The scholarship is designed to alleviate the financial burden of students and their families. It is the vision of 1890 Research & Extension to support the academic journey of students who show promise as future leaders in agriculture, food, fiber and human sciences. We simply want to enable our students to succeed in college and in their professions.”

As part of the program, students will receive personalized professional development assistance to include mentoring, preparation for internships and career readiness

counseling. Director of Student Development Dr. Christopher C. Mathis and USDA 1890 Program Liaison Travis Johnson will work to connect scholarship recipients to potential internship opportunities with USDA agencies once students have completed their freshmen year.

Scholars may be eligible for one of two scholarship opportunities. Recipients may be awarded up to \$10,000 per year for four years or \$5,000 per semester to cover tuition, fees and books or recipients will receive a one-time scholarship of up to \$5,000 or \$2,500 per semester.

Students must have a FAFSA on file with the university. When applying for financial aid, students should use the university's code 003346. Interested students may apply to SC State University online at scsu.edu.

For more information on the 1890 Agriculture Innovation Scholarship Program, contact Dr. Christopher C. Mathis, director of student development and support at (803) 536-8974 or e-mail at cmathis@scsu.edu.

##

SC State University 1890 Research & Extension, in cooperation with the United States Department of Agriculture, prohibits discrimination in its programs on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, or marital or family status.

https://thetandd.com/business/agriculture/next-wave-of-hemp-s-c-state-1890-out-front-to-boost-emerging-market/article_dde6c88a-3f29-527d-96fb-5f6fe4fe27f8.html

ALERT

Next wave of hemp: S.C. State 1890 out front to boost emerging market

Special to The T&D
Dec 20, 2020



In Orangeburg County, about 19 farmers grew hemp in 2020, according to South Carolina Department of Agriculture data.

SPECIAL TO THE T&D

Special to The T&D

In an effort to educate and champion the hemp industry's growing impact in the state, South Carolina State University 1890 Research & Extension held the Next Wave of Hemp webinar on Dec. 3.

In partnership with Charleston-based BrightMa Farms, S.C. State 1890 hosted the two-hour webinar via WebEx, an online web conferencing platform. More than 160 viewers tuned in to gain insight from industry leaders on how South Carolina builds an industrial supply chain and infrastructure for a green future through the three I's: innovation, industry and infrastructure. Panelists provided their expertise in banking, research and development, the hemp industry and the agricultural sector.

"Let's change the narrative and write the next wave of hemp story in this emerging market," said Harold Singletary, CEO of BrightMa Farms, during the online event.

Hemp was legalized in South Carolina following the Agriculture Improvement Act of 2018 (2018 Farm Bill) which removed the crop and its derivatives from the definition of marijuana under the Controlled Substances Act.

📦 Cannabis oil facility opens in Neeses; Official says facility offers better cost, quality control

Both hemp and marijuana stem from the same plant species, *Cannabis sativa*; however, they differ in concentrations of THC. Federal and South Carolina laws define hemp as any part of the plant with a THC concentration that does not exceed 0.3%. Anything above that percentage is considered marijuana and is illegal in the state.

Hemp firm opening in Hampton County

In order to strengthen and expand knowledge of the industry, representatives from the South Carolina Department of Agriculture, BrightMa Farms, Clemson Extension and the U.S. Department of Agriculture discussed various procedures, regulations and federal assistance programs that contribute to the advancement of the industry.

S.C.'s hemp plan gets federal approval

Vanessa Elsalah, hemp program coordinator for South Carolina Department of Agriculture, provided information on the hemp processing permit needed for growers to process and possess hemp plant materials in the state. Farmers must complete the \$100 non-refundable application fee before committing to the \$3,000 permit fee.

USDA and 1890 liaison Travis Johnson discussed crop insurance and informed participants of the federal assistance program requirements available.

Kelly Flynn, emerging crops program coordinator at Clemson University, wrapped up the industry segment by providing key factors for industry drivers to consider in order to develop and secure the advancement of hemp.

In line with the industry's growth, researchers at Clemson University found that in order to create structure and balance, industry leaders must utilize partnerships with other land-grant institutions and researchers, set realistic profitability expectations and study the most relevant information that pertains to the industry.

"New agricultural industries create opportunities for farmers within the region," Flynn said. "This leads to regional production, which creates jobs and a more secure economy."

In the second segment, innovation, guests heard from industry experts about potential research and development enterprises for industrial hemp.

According to Singletary, on an annual basis, one acre of hemp will produce as much fiber as two to three acres of cotton and as much paper as two to four acres of trees.

Founding member of the U.S. Hemp Growers Association Michael Bowman touched on the massive power and beneficial factors of one of the state's leading emerging crops.

"Industrial hemp is known to have over 50,000 different uses," Bowman said.


Hemp is used for many commercial and industrial products such as food, paper, textiles, plastics, insulation, oils, cosmetics, fibers and biofuels.

According to Dr. Louis Whitesides, vice president and executive director for the S.C. State 1890 Program, the industrial hemp industry is growing in the state and ag professionals anticipate it will contribute to a multibillion agribusiness industry. He discussed hemp's potential as a biofuel alternative and the significance of its fiber in transportation products.

"Hemp has replaced metal and plastic components in your car, and is less expensive to produce," Whitesides said. "Considering that hemp fibers are less expensive to manufacture, companies such as BMW, Audi and Volkswagen are already including hemp materials in their cars."

As for infrastructure, Melissa Christy of Optus Bank spoke on the hemp industry from a financial standpoint. "We know hemp," she said, acknowledging Optus Bank as the first in the state to successfully finance hemp production.

BlueWater GreenBridge LLC offered solutions for farmers in the hemp supply chain and provided information on how farmers are compensated within the supply chain.

 Want to get a whole lot more from TheTandD.com?

To watch the webinar, visit **bit.ly/hemp_webinar_video**. To learn more about S.C. State University 1890 Research & Extension's ventures in industrial hemp, contact Dr. Louis Whitesides at **lwhitesides@scsu.edu**. To inquire about the webinar, send questions to **scstate1890@scsu.edu**.

https://thetandd.com/news/local/scsu-forming-new-college-agriculture-family-consumer-sciences-will-be-its-focus/article_d488b6b7-477d-5f4f-ba33-d945fb07f5b6.html

ALERT TOP STORY

SCSU forming new college; agriculture, family, consumer sciences will be its focus

Special to The T&D
Jun 30, 2021



Special to The T&D

South Carolina State University is establishing a College of Agriculture and Family & Consumer Sciences.

University trustees approved the creation of the new college on Tuesday.

"This college will mean so much to South Carolina State University and the people we serve," board Chairman Rodney Jenkins said. "We serve many families whose children don't get the chance to go to college otherwise.

"It is critical that we are opening a program at this level, particularly because the largest industry in South Carolina is farming. With this college, we will teach new farming techniques. The students will be on the cutting edge to not only help South Carolina but also have a global impact."

S.C. State was founded as a land grant institution in 1896. While it has been 50 years since the university had a School of Agriculture, it has continued to offer ag-related programs.



Flags from HBCUs, including SCSU, flying to space
Special to The T&D

"It's really just realigning the university with its original mission," said Dr. Louis Whitesides, vice president and executive director of 1890 Research & Extension Programs.

He said, "Agriculture was king back then. It's king now."

"Our industry is upwards of \$50 billion and 260,000 jobs. The state, led by the Department of Agriculture, is planning for an \$80 billion industry in our state by 2035.



SCSU's Camp Daniels 'lives again' in Elloree; 1890 Research and Extension Center celebrated
Bradley Harris

It's estimated there will be 59,000 jobs opening nationwide in the agriculture industry.

"So, this is going to position S.C. State in the industry and to produce those graduates to fill those jobs and advance agriculture into the future," Whitesides said.

The College of Agriculture and Family & Consumer Sciences is a collaboration between the university's Academic Affairs division and SC 1890 Research & Extension. The latter will be housed within the new college.

Dr. Learie B. Luke, S.C. State provost and vice president of academic affairs, said, "You are literally taking two units and merging them so they will be sharing costs.

"This should not be overlooked – the kind of internal cooperation it took pull this off. I think this shows the true level of cooperation for the overall sake of the university."

Luke said nearly all components of the new college already are in place.

For example, there are agribusiness specialists in the School of Business and entomology experts in the Department of Biological and Physical Sciences. The existing Department of Family & Consumer Sciences and its associated degrees will fold into the new entity.

The university plans to soon name an interim college dean and interim agriculture department chair before launching searches to fill the roles permanently.

Luke said the university ultimately plans to seek state and federal support to erect a new building on campus to house the college's programs under one roof.



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South Carolina DEPARTMENT OF AGRICULTURE

Hugh E. Weathers, Commissioner

October 18, 2021

The Honorable Murrell Smith
South Carolina House of Representatives
Blatt Building
Columbia, SC 29201

Dear Representative Smith,

For 125 years, SC State University PSA has supported and contributed to the progress of the state of South Carolina. Its work is rooted in supporting and advancing agriculture in the state, helping to ensure the industry remains a strong and viable economic leader. Since enhancing our partnership with the state agency, I have witnessed significant growth and a more targeted approach to addressing food systems issues in a holistic way. SC State PSA is also strategically preparing for a future in ag that is technologically advanced and in need of a well-qualified workforce.

Investing in the 2022-2023 budget priorities for SC State PSA will directly support South Carolina Department of Agriculture's mission to promote and nurture the growth and development of the state's agriculture industry while assuring the safety and security of the buying public. Its priorities consider transforming the future of agriculture by exploring through innovative research the emerging trends in alternative crops grown in South Carolina soil. The agency will also commit to growing agricultural businesses by educating entrepreneurs on the new digital advancements that are changing business models and operations at warp speed.

Finally, the budget priority which seeks to establish the creation of the S.C. Limnology Research Center will put SC State PSA at the forefront of critical issues impacting our state's water systems. Research from the proposed S.C. Limnology Research Center has the potential to help the state protect and preserve our most valuable natural resource – water.

As development across the state continues to grow, the need for South Carolina ag producers and agriculture-related businesses to feed, clothe and provide supplies for housing will increase at exponential rates. We undoubtedly will need forward-thinking organizations such as SC State PSA to continue to provide high quality science-based educational programs and services to ag producers and businesses across the state. Your support of the 2022-2023 legislative budget request for SC State PSA will guarantee South Carolina farmers will have the support and resources they need to help grow a stronger South Carolina.

Sincerely,

Hugh E. Weathers



**South Carolina
Farm Bureau Federation**

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October 18, 2021

The Honorable Henry McMaster
State House
1100 Gervais Street
Columbia, SC 29201

Dear Governor McMaster,

South Carolina farmers and other agricultural entrepreneurs and businesses value community and understand the important roles they play in the lives of families who rely on them to keep them fed and clothed. Likewise, SC State University PSA shares the same understanding and works tirelessly to ensure SC farmers have the necessary resources and access to educational opportunities that positions them to better serve South Carolinians.

I hope that upon review of SC State University PSA's budget request, you are compelled to invest in the program's very important work, which helps to improve quality of life and raise the standard of living for all South Carolinians.

Sincerely,

A handwritten signature in black ink that reads "Harry Ott". The signature is written in a cursive, flowing style.

Harry L. Ott, Jr.
President
South Carolina Farm Bureau Federation



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October 13, 2021

The Honorable G. Murrell Smith, Jr.
Chairman
House Ways and Means Committee
PO Box 11867
Columbia, SC 29211

Dear Chairman Smith:

It is with pleasure that the Palmetto AgriBusiness Council ("PABC") submits this letter of support on behalf of SC State University PSA (P210). SC State PSA is a valuable resource which serves the people of South Carolina through research, education and extension.

The 2022-2023 legislative priorities for SC State PSA seeks to address local issues as well as strengthen individuals, families and communities throughout the state.

Most of the priorities emphasize promoting and advancing the continued growth of agribusiness in the state. Farmers and ag producers are reeling from the devastating impact of COVID-19, which made the economy extremely fragile. In touch with many of the state's small and minority farmers, SC State PSA is keenly aware of the unique challenges these ag entrepreneurs are encountering.

The priorities for which SC State PSA seeks support are solution based with a focused intent on providing much-needed resources and assistance in the areas of digital transformation, e-commerce, small business safety and health, and managing risks to ensure business continuity. Additionally, SC State PSA wants to help farmers navigate mental health needs due to pandemic-related stress and anxieties.

As an advocate for agribusiness and an organization that understands the complexities of the industry, PABC believes the legislative budget priority requests are on target for supporting the agriculture, food and fiber systems. The projected programs and initiatives will help to boost long-run economic growth post COVID-19. The proposed legislative budget priorities consider the need to sustain business viability, maintain employment and support family incomes, all vital factors that will contribute to a thriving South Carolina economy.

As you consider the legislative budget requests presented by SC State PSA, PABC would hope that you find its proposed programs are necessary and beneficial to the growth of the Palmetto State.

Should you require additional information or details regarding PABC support for and experience partnering with SC State University PSA, please do not hesitate to contact me.

Thank you for your consideration.

Sincerely,

Ronald L. Summers
Chief Executive Officer

Cc: Members of the House Ways and Means Committee

From: George Askew, Vice President

To: Dr. Louis Whitesides, Vice President and Executive Director
1890 Research and Extension

Date: October 20, 2021

Subject: SCSU and Clemson PSA Budget Requests

**PUBLIC SERVICE
AND AGRICULTURE**

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I am pleased that the South Carolina State University and Clemson PSA state budget requests complement each other and afford opportunities for us to continue to collaborate in our joint efforts. For many years, Clemson PSA and SC State PSA have been working in tandem to improve the well-being of South Carolinians. As the state's designated land-grant universities, we continue to provide an important service on behalf of the state by translating research into actions that help strengthen individuals, families, and communities.

Our major constituents are South Carolina farmers, ranchers and landowners, and homeowners who need our services to help advance our agriculture, food and fiber, forestry, and natural resources systems. Our successes in these areas are unmatched because we deeply understand the people whom we serve.

This year, SC State PSA has identified community and economic recovery initiatives to address the impact COVID-19 has had on the state's agribusinesses by training farmers on emerging agricultural practices and systems, such as controlled environment agriculture and urban and community farming. These programs will complement programs provided by Clemson PSA and allow us, together, to reach every segment of South Carolina agriculture.

Both of our organizations know the investments we make in the lives of youth today, will have far greater returns in the future. This year, SC State PSA proposes to provide memorable, yet engaging camp experiences to the state's youth, following the re-opening of Camp Harry E. Daniels. This program will expand the reach that our universities have for our state's youth and complete programs that Clemson PSA has on-going through our 4-H program.

SC State PSA is also requesting support for the development of the S.C. Limnology Research Center to explore the complex issues of the state's freshwater systems. This program will complement our water research and Extension programs and provide an excellent opportunity for additional collaboration.

I look forward to working with you and your team in these proposed initiatives as well as those that are already underway and I offer my support in your efforts.

