



College of Agricultural &
Environmental Sciences
UNIVERSITY OF GEORGIA

2021 IN REVIEW



The College of Agricultural and Environmental Sciences (CAES) is among the best and most established colleges of agriculture in the country, with initiatives that span the globe. Our groundbreaking research and Extension efforts make a meaningful difference everywhere CAES has a presence.



Improving Lives Through Research

84

Postdoctoral research associates

918

Refereed journal articles published by CAES Faculty

7

Books published

81

Chapters published

32,000

Citations over the past five years by other authors



\$43.8M

Total grant expenditures in FY21 increased 8.3% from \$40.4M

\$35M

Competitive federal grant expenditures grew 8.6% from \$32.3M

\$63.7M

New awards in FY21 increased 10.6% from \$57.6M; new competitive federal grants grew 6.3% from \$49.3M to \$52.4M



“For the last 150 years, the College of Agricultural and Environmental Sciences has been a cornerstone of investment and opportunity. As we look into the future, we are leading the way in agricultural innovation in order to care for our global ecosystems, enrich our communities, and equip the next generation of leaders in agricultural and environmental sciences.”

– Nick T. Place, Dean and Director, CAES

Green for Growth

Ground was broken for a new \$5M greenhouse complex approved in the 2021 legislative session, and more than \$5.6M was allotted for a new cool-season greenhouse, renovated headhouse and multidisciplinary plant growth facility in Athens. Additionally, more than \$2.5M was invested in an ongoing renewal program for greenhouse complexes in Tifton, Griffin and Athens.



Innovation at CAES

UGA’s Regenerative Bioscience Center (RBC) is a collaborative unit of researchers from a range of disciplines and institutions. The RBC is making great strides in developing new cures for devastating diseases such as heart disease, Parkinson’s, Alzheimer’s and stroke. CAES recently received Board of Regents approval for a new regenerative bioscience major.

STATEWIDE PRIDE



CAES is a conduit for leading-edge science education and research opportunities to reach students statewide. With campuses in Athens, Griffin and Tifton, all CAES students have the opportunity to work with nationally recognized and awarded faculty in plant pathology, horticulture, agricultural and applied economics, crop and soil sciences and more.

Integrative Precision Agriculture

CAES is working to foster collaboration between innovative disciplines at UGA, bringing together plant scientists, animal health experts, engineers and computer scientists to discover integrative solutions that increase production levels and promote environmental health.

We have invested \$1.1M in GPS and variable-rate irrigation and fertilization equipment at the eight Research and Education Centers throughout the state. We have also upgraded internet connectivity in Watkinsville facilities (J. Phil Campbell and Horticulture Farm) to connect to the main Athens campus.

Overseen by Bob Stougaard, assistant dean for research, and J. Dorsey, director of real property, we continue to upgrade facilities focusing particularly on facilitating integrative precision agriculture across Georgia.

**A FOCUS ON
HEALTH AND
WELLNESS**

71,908

In-person contacts related to health and wellness made by Extension

67,923

Formal health and wellness educational contact hours provided by Extension

786,293

Total formal educational contact hours delivered by Extension

3,837

Activities coordinated by Extension in collaboration with over 100 different organizations

Extension county programming is delivered by 309 county agents, 70 educators and 385 support staff. Expertise in ANR, FACS, 4-H and staff development are shared by 124 Extension specialists with 10-100% Extension appointments.



Entrepreneurship + CAES

Director of Industry Partnerships Chris Rhodes raised the profile of FABricate to garner the highest participation in its history, built in tandem with growing industry support. In 2021, seven faculty and 12 student engagements worked with Rhodes to develop potential startup companies.

Outreach for Rural Scholars Program

First cohort of four CAES Rural Scholars students entered UGA CAES in fall 2021

90,495+

Views on Facebook, Instagram and Twitter posts with more than 2,400 clicks to the updated website

66,700+

Viewers watched the new Rural Scholars videos

Point of Pride: Hospitality Dawgs

We added a new undergraduate degree in hospitality and food industry management, a program designed to prepare students for jobs in hotels and resorts, restaurants, meeting and event management, club management and agritourism. Thanks to partnerships with on-campus hospitality industries, students gain 400-600 hours of industry experience by graduation.

305%

Enrollment growth between fall 2019 and fall 2021



Second-fastest growing UGA undergraduate major since 2019



Internship placements with Chick-fil-A, Walt Disney World, Zaxby's and Chateau Elan Winery and Resort.

**GEORGIA 4-H:
LEADING OUR YOUTH**

97,124

Total participation during the 2020-21 program year

Georgia 4-H enriched the well-being of teachers and students during the COVID-19 pandemic. Agents innovated clever ways to involve students while safely social distancing. "4-H programming has proven to be effective repeatedly through numerous studies over many years. Our study shows that our shift to varied delivery methods does not impact the tried-and-true constructive impact that 4-H provides," said Virginia Brown, UGA Extension evaluation specialist.

11.15.21 // POULTRY SCIENCE BUILDING GROUNDBREAKING

Building for a New Century of Success

"Today we celebrate a new era in research and progress for our university and the poultry industry made possible by investment from our government officials and industry leaders. I stand here to thank you all for the millions of dollars and thousands of labor hours that will go into creating a state-of-the-art Poultry Science Complex," said poultry science major Kylie Bruce. "As the fourth generation to live on my family's farm, I hope this new facility will bring developments that further strengthen Georgia's poultry industry so that my great-grandchildren will also get to be a part of feeding the world one day."

- Kylie Bruce, BSA '21, Poultry Science

WORLD CLASS



1 out of 3 students take advantage of study abroad or international internship opportunities in more than 15 different countries

POST-SECONDARY STUDENTS

699

Graduate students

▲ 12%

Increase in graduate students from fall 2020

NEW HIRES

Calendar year 2021

265

Staff

82

Faculty and postdocs

266

Graduate assistants

20

Extension agents





Development Updates and Alumni Engagement

In FY21, CAES had its second-highest fundraising total of the past decade.

FY21 Fundraising Report

Unit	Total FY TD	FY Goal	Percentage of Goal
CAES	\$15,123,243	\$9,400,000	161%
Georgia 4-H	\$1,687,278	\$1,000,000	169%
CAES Total	\$16,810,521		

Fiscal Year to Date



CAES

\$9,681,312
raised of \$14,500,000 goal



GEORGIA 4-H

\$1,002,679
raised of \$1,500,000 goal



Major funding priorities include support for the new Poultry Science Building, Rural Scholars Program and endowments for faculty and students.

19,943
Total living alumni

909
Alumni donations in FY21

12,484
Alumni living in Georgia

Raising Our Visibility

3,400+

National and international media mentions for CAES and Extension coverage

1,451,583

Visits to the CAES site

2,633,928

Visits to Extension publication webpages

121,853

Downloads of Extension publications



220,593+

Visits to the **CAES Newswire**

Scan the QR code above to visit

newswire.caes.uga.edu.



Scan the QR code to visit cultivate.caes.uga.edu.

5,000+

Views of our brand new storytelling platform, Cultivate, to showcase CAES faculty, alumni, students and industry innovators (launched in December 2021)