



FY19 Budget Request

UNIVERSITY OF GEORGIA COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES

Facilities

REQUEST: One-time, small-cap bond project request of \$5 million for a multidisciplinary Greenhouse Complex

BACKGROUND: This request will make possible the construction of an approximately 20,000-square-foot, multidisciplinary Greenhouse Complex. Greenhouses are critical to the development of new plant cultivars, optimization of yield-enhancing management practices, and knowledge of plant growth and development fundamentals. Food, feed, fiber, and amenity crops make up over 40 percent of Georgia agriculture's annual \$13.8 billion farm gate value. College of Agricultural and Environmental Sciences (CAES)-developed plant cultivars also generated 80 percent of UGA's \$7.6 million licensing income in FY16. Faculty, staff, and graduate students from the UGA Athens, Tifton, and Griffin campuses studying crop and soil sciences, entomology, horticulture, and plant pathology rely on greenhouses to complete their research, as do Center for Applied Genetic Technologies and Institute for Plant Breeding, Genetics, and Genomics faculty. Greenhouses are among the most important, widely used research facilities for these CAES units and bridge the gap between the laboratory and the field.

Positions

REQUEST: Recurring funding of \$648,000 for 12 Cooperative Extension Service (CES) educator positions

BACKGROUND: This request supports county educational programs in Agriculture and Natural Resources, 4-H Youth Development, and Family and Consumer Sciences. These 12 Cooperative Extension Service educators will be primarily responsible for program education and delivery in assigned subject areas. These positions will enable the Cooperative Extension Service to address critical gaps in programming and delivery.

REQUEST: Recurring funding of \$728,400 for four faculty positions — \$402,740 in Agricultural Experiment Station (AES) funding and \$325,660 in Cooperative Extension Service (CES) funding

BACKGROUND: The addition of four tenure-track faculty positions in four different agricultural areas of study will empower the College of Agricultural and Environmental Sciences (CAES) to continue research, teaching, and education in these crucial areas around the state.

- Pasture weeds and forage specialist in crop and soil sciences, based in Tifton — \$171,400 (80 percent CES/20 percent AES)
- Distinguished investigator and professor in peanut genetics and genomics, based in Athens — \$214,200 (100 percent AES)
- Soil nutritionist in crop and soil sciences, based in Tifton — \$171,400 (60 percent AES/40 percent CES)
- Postharvest physiologist in horticulture, based in Tifton — \$171,400 (70 percent CES/30 percent AES)

REQUEST: Recurring funding of \$171,400 in Agricultural Experiment Station (AES) funds for a turfgrass pathologist, based in Griffin

BACKGROUND: The turfgrass pathologist will develop disease-resistant grass and forage cultivars through work with breeders, train graduate students, and expand instructional capabilities. These actions are critical if UGA is to continue leading the development of sustainable turfgrass and forage cultivars.

- Turfgrass pathologist, based in Griffin — \$171,400 (85 percent AES/15 percent instruction)