SCHOOL OF AGRICULTURE &
ENVIRONMENTAL SCIENCES

2006-07 Points of Pride

Major partner in the creation of the North Carolina Research Campus with the development of a Center of Excellence for Post-Harvest Technologies and co-hosted an international conference on post-harvest technologies for fruits and vegetables, metabolomics and neutrigenomics;

Created A&T’s first spin-off company, Provagen, that will target the multibillion-dollar market for “antibody binding proteins”;

Generated approximately $4.1 million in external competitive funds to complement the SAES base and formula funding of $23.8 million. SAES is the largest producer of external grants per capita.

Signed and began implementing Memoranda of Understanding with four Southeast Asian universities to increase research and student exchange opportunities;

Reaffirmed the accreditations of four programs - Dietetics, Child Development Early Education and Family Studies (B-K), Family and Consumer Sciences Education and Agricultural Education. Nine of our 13 bachelor’s programs are nationally accredited. The remaining four do not have an accrediting body. SAES is also home to two nationally accredited programs - Biological Engineering and Landscape Architecture.

Graduated and licensed the first students in the University of North Carolina system from the Agricultural Education Program through the on-line 2+2 articulation agreement with the North Carolina Community College System;

Established and implemented a certificate program in “Family Financial Planning” through a Distance Education Alliance with seven 1890 land-grant universities that represent the first online collaboration of its kind for HBCUs;

Participated in the National Academy of Sciences competitive leadership summit to effect change in teaching and learning and help define the future of undergraduate education in the agricultural, environmental and life sciences. SAES was one of only three 1890 institutions in this elite group.

Faculty published one book, five book chapters, 46 refereed articles, and 59 other articles and showcased SAES though more than 149 presentations at national conferences of learned societies and 259 appearances at public fairs/ exhibits;

Assisted, through The Cooperative Extension Program, limited-resource farmers in improving marketing practices, increasing revenues approximately $4.2 million;

Collaborated with state agricultural leaders to develop a state strategic plan on biofuels, and to develop an operational plan to support projects for agricultural development and farmland preservation.

Filed 14 invention disclosures; eight patents are pending and two patents were approved;

Increased SAES enrollment for fall 2006 to an all time high of 799 students (704 undergraduate and 95 graduates), making SAES the largest HBCU agriculture program in the nation and the third largest producer of African-American graduates with bachelor’s of science degrees in agricultural sciences.
School of Agriculture & Environmental Sciences

SAES DEPARTMENTS/Majors/CENTERS/LABORATORIES

DEPARTMENT OF AGRIBUSINESS, APPLIED ECONOMICS AND AGRISCIENCE EDUCATION

Agricultural Economics, BS
Agricultural Economics, Agricultural Business, BS
Agricultural Education, Secondary Education, BS
Agricultural Education, Agricultural Professional Services, BS
Agricultural Education, MS
Agricultural Economics, MS

Centers: Applied Survey Research Laboratory, International Trade Center

DEPARTMENT OF ANIMAL SCIENCES

Animal Science, BS
Animal Science, Animal Industry, BS
Laboratory Animal Science, BS
Animal Health Science, MS

Centers: Bioinformatics Learning Facility, Laboratory for Studies in Genomic Diversity, Poultry Research Laboratory, Veterinary Microbiology Research Laboratory

DEPARTMENT OF FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences, BS
Fashion Merchandising and Design, BS
Family and Consumer Sciences Education, BS
Child Development, BS
Child Development: Early Education and Family Studies, BS
Food and Nutritional Sciences (Dietetics, Food Science), BS/MS

Centers: Child Development Laboratory, Fashion Design Laboratory, Food and Nutrition Laboratory, Food Chemistry/Biochemistry and Product Development Laboratory, Food Microbiology and Toxicology Laboratory, Food Research Laboratory, Food Safety Microbiology Research Laboratory, Textiles Laboratory, Vegetable Processing Laboratory

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL DESIGN

Agricultural Science, Natural Resources (Earth and Environmental Sciences, Environmental Horticulture, Plant Science, Soil Science), BS
Biological Engineering, BS
Landscape Architecture, BS
Plant, Soil and Environmental Science, MS

Centers: Bioprocessing and Fermentation Laboratory, Bioremediation and Nitrogen Transformation Laboratory, Mushroom Biotechnology Laboratory, Plant Biotechnology Teaching and Research Laboratory, Plant Tissue Culture Biotechnology Laboratory, Soil Physical Properties Laboratory, Soil Chemistry and Fertility Laboratories

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