ROADMAP FOR THE FUTURE

Strategic Plan
College of Agriculture and Life Sciences
Mississippi Agricultural and Forestry Experiment Station

RESEARCH
discovery

TEACHING
learning

SERVICE
engagement
MISSION

Our mission is to advance agriculture and natural resources through TEACHING and LEARNING, RESEARCH and DISCOVERY, SERVICE and ENGAGEMENT which will enhance economic prosperity and environmental stewardship, to build stronger communities and improve the health and well-being of families, and to serve people of the state, the region and the world.
Our vision is to be a leading land-grant university, providing solutions that improve the lives of Mississippians and the global community through excellence in agriculture and life sciences.
RESEARCH PRIORITIES

Plant Production Systems
Develop production systems that optimize yield, energy efficiency, profitability, and environmental stewardship.

Animal Production Systems
Develop efficient, cost-effective, and humane animal production systems that optimize environmental stewardship.

Food Safety and Quality
Develop food production, harvesting, processing, packaging, and preparation systems that ensure high quality, nutritious and safe food supplies.

Sustainable Energy
Develop enhanced feedstocks, conversion technologies, harvesting and transportation systems and energy conservation practices that increase profitability and contribute to energy independence.

Human Health and Well-being
Promote nutrition, dietetics, and human behaviors that improve physical and mental health; prevent disease, injury, and disability; and enhance quality of life for Mississippi residents.

Sustainable Communities
Develop management principles, practices and tools that help communities to design economically and environmentally sustainable systems that promote prosperity and quality of life.
We will...

Invest in fundamental and applied research programs that support economic development, improved nutrition, food safety, and human health, benefitting agricultural producers, industry, and the clientele which we serve.

Support priority research programs with advanced equipment, farm, and laboratory facilities.

Develop and deliver innovative and emerging technologies to agricultural producers, bridging the gap between science and application.

Convert intellectual property into commercial products to assist in the support of research programs and the agricultural industry.

Recruit and train the most qualified graduate students to conduct effective research and become leaders in agriculture and life sciences.

Transfer research into application for the benefit of agricultural producers, industry, and clientele.
We will...

Train students for a wide-range of career opportunities by providing relevant academic programs in agriculture and life sciences.

Recruit and retain highly qualified students through scholarships and student awards.

Equip graduates to compete in a global market place by engaging in study abroad activities.

Facilitate efficient transition of community college transfer students.

Hire and retain exceptional faculty committed to the land-grant mission.

Develop distance education courses and degrees to expand opportunities for those desiring to pursue higher education.

Encourage students to engage in professional experience prior to graduation.

Provide opportunities for students to network with future employers.
SERVICE

Engagement

We will...

Participate in service projects by acknowledging the benefits of engaging in these activities.

Encourage and fund technology transfer through field days, workshops and short courses.

Engage young people in agriculture by providing K-12 activities.

Ensure outstanding facilities by developing and prioritizing facility improvements throughout operations both on campus and at the 16 off-campus research sites.

Seek input from external advisory committees to maintain the relevance and effectiveness of programs.