Department of Biological and Agricultural Engineering

Strategic Plan

Vision
Become a leading Biological and Agricultural Engineering Department, providing engineering expertise to Arkansans and the world to create sustainable water, food and energy systems. Our programs will significantly contribute to the quality of life, economic development, and environmental stewardship for Arkansas and the nation.

Strategic Goals

Objectives

Strengthen and continue to grow a prolific basic and applied research program
- Number and value of research proposals submitted
- Grants, contracts, gifts, and other resources secured
- Scholarly productivity indicated by peer-reviewed journal publications
- Awards and recognitions at all levels received
- Technical products

Improve the technology transfer/commercialization program
- Patent filings & issued
- Startup companies and licensing agreements based on UA intellectual property
- Licensing income to UA

Improve undergraduate student quality for future engineers for living systems
- Enrollment and diversity
- FE exam participation rate
- Awards in undergrad competitions
- Undergrad graduation and career placement rate
- Undergrad retention rate
- Teaching evaluation scores
- Undergrad SSCH generated
- ACT scores and undergraduate GPA

Enhance the graduate education program to train students for future challenges
- Graduate students enrolled and graduated
- Student fellowships, honors, awards and scholarships
- Peer-reviewed pubs (student coauthors)
- Funding to support graduate students
- Post-degree placement
- Presentations by grad students at national and international meetings
- Graduate courses taught
- Graduate SSCH generated

Improve extension programs to support and educate the citizens of Arkansas
- Extension education materials and web-hits
- Grants, contracts, gifts, and other resources secured
- In-service training programs offered
- Number of high impact extension outcomes

Provide opportunities for faculty and staff professional development
- Professional development events, CPD, PE licensure & certification, attended per FTE for faculty and staff
- Number of OCDA pursued by faculty
- Staff receiving continuing education, advanced degrees, & training
- Number of faculty promoted and/or tenured
- Number of faculty under active mentoring program

Metrics

Preparing You Today to Face the Challenges in Building a Sustainable World Tomorrow