



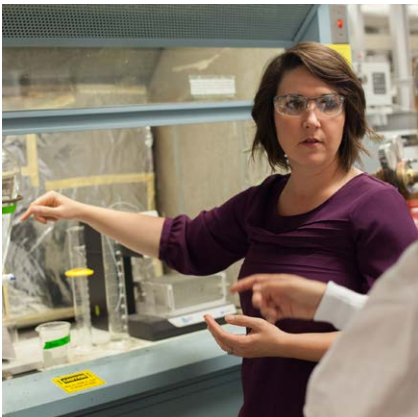
DEPARTMENT OF

AGRICULTURAL AND BIOLOGICAL ENGINEERING



Research Overview

The Department of Agricultural and Biological Engineering (ABE) research focuses on the application of engineering principles to biological systems, resulting the creation of new products and practices that improve the quality of human life. Across the world, we need increased food production, new energy sources, healthcare solutions, and environmentally friendly technologies. ABE research is advancing solutions to grand challenges such as food, energy, water, environment, and health.



Research Areas

- AGRICULTURAL SYSTEMS, SAFETY, AND HEALTH
- BIOLOGICAL ENGINEERING
- DATA SCIENCE AND DIGITAL AGRICULTURE
- ENVIRONMENTAL AND NATURAL RESOURCES ENGINEERING
- FOOD, PHARMACEUTICAL, AND BIOLOGICAL PROCESS ENGINEERING
- MACHINE SYSTEMS ENGINEERING



Research Centers

- LABORATORY OF RENEWABLE RESOURCES ENGINEERING [LORRE]
- THE MAHA FLUID POWER RESEARCH CENTER



*Pictured at left from top:
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