



Vision 2020

Department of Agricultural and Biological Engineering

University of Illinois, Urbana, Illinois USA

<http://abe.illinois.edu>

Core Values (*What we believe in*)

We are in the business of empowering human capacity with knowledge and wisdom. In everything we do, we value:

- Excellence
- Integrity and Ethics
- Creativity and Innovation
- Science-Based Scholarship
- Inclusiveness and Collegiality

Vision (*What we are going to be*)

We will be a preeminent agricultural and biological engineering department in learning, discovery, engagement and economic development.

Mission (*What we are going to do/for whom*)

We integrate engineering, technology and life sciences for enhancement of complex living systems in global agriculture, food, energy, water and environment.

Domains (*Disciplinary relevance and impact*)

- Agricultural and Biological Systems and Technology - Precision and information agriculture; Plant and animal production; Sustainable agricultural intensification; Big data, informatics and analytics; Health; Safety
- Food and Bioproducts-Processes and products; Security and safety
- Energy-Renewable energy; Energy efficiency
- Environment-Air, soil, and water quality; Built environment
- Biological Engineering-Biotechnology; Biosensors
- Water-Land and water resources; Water quality and use

Goals (*E.V.E.R*)

- I. Pursue Excellence for all aspects of the department
- II. Create a Value proposition for all stakeholders and clientele
- III. Nurture an Environment that enables success
- IV. Generate and use Resources to advance departmental goals