

THE POWER OF *ENGAGEMENT*

DEPARTMENT PROFILE

PURDUE UNIVERSITY
Department of Food Science

EST. 1983 // 200+ STUDENTS // 27 FACULTY

// MISSION/VISION //

To be a global leader in the transformation of lives through food science by enhancing the health, safety, quality, and sustainability of food, addressing stakeholder needs, and preparing the next generation of food scientists.

ADVANCING

// ENGAGEMENT //

- Engages beyond classroom and laboratory through robust engagement and extension programs
- Applied research & product development
- Regulatory compliance, workforce and entrepreneurship training

// RESEARCH //

- Four signature areas: food chemistry, structure, and function; foods for health; food safety and microbiology; and food processing.
- Informs teaching, keeps the curriculum relevant and contributes to scientific advancements.
- Shares findings through Extension programs.

// TEACHING //

- Student-centered, hands-on, and experiential learning with latest research incorporated into the curriculum.
- Engage in impactful undergraduate research in faculty labs, sensory labs, or pilot plants.
- Real lab scenarios serve research and industry partners.

FUTURE & IMPACTS

// FUTURE //

- Continue to advance efforts related to sustainability, data science, foods for health, entrepreneurship, and economic growth.
- Integrate data science into food science courses and activities
- Purdue Food Science is also moving toward the development of online learning for undergraduate and graduate-level courses, certificate programs and professional development

// IMPACTS //

\$57.5M

in research awards since 2015.

Interacts with over

150 COMPANIES/GROWERS

annually.

USDA Agricultural Innovation Center grant:

\$1.5M

with 43 completed projects, 13 active projects.

Food Entrepreneurship and Manufacturing Institute (FEMI) fuels regional growth by enabling food/beverage companies to ideate, develop, and commercialize innovative products.

Purdue Food Science preps students for careers, advances food science, and provides industry/community resources.

Aseptic training program: 400 participants (13% international)

\$500,000

revenue generated.

Industrial Associates program:

22 MEMBERS

with significant growth in past 3 years.

FEMI generates

\$600,000

from fee-based projects, delivers implemented results.

[READ THE FULL STORY →](#)