

## About the College

### **160 Years of Leadership**

The College of Agriculture and Life Sciences is one of the world's leading institutions of agriculture, with more than 160 years of leadership in science, education and extension. The college educates future leaders, conducts mission-oriented research and shares new knowledge for the betterment of Iowa and the world.



### **World Ranking**

The college is one of eight colleges at Iowa State University, which is one of the most influential land grant universities in the nation. Iowa State ranks among the best in the world for agricultural programs. The college **ranked in the top four percent worldwide** among 301 institutions for the past five years and has ranked in the top 10 list four of the past six years. (QS World University Rankings, agricultural and forestry programs).

### **Education**

The college prepares leaders who will meet future challenges.

- More than 24 undergraduate majors and 35 graduate programs are offered.
- Five consecutive **record years for enrollment**, fall 2012 to fall 2016.
- More than 4,587 students registered for online courses in fall 2017, an increase of 500 percent since 2000.
- Science With Practice allows **students to work with faculty mentors** who are international experts, while earning credits and a paycheck.
- More than **200 students** take the Agricultural Entrepreneurship Initiative capstone course each year. At the end of the semester the students **present business plans to investors and entrepreneurs**.
- Our students won the American Farm Bureau Entrepreneur of the Year Award in 2015 and 2016. In 2017, two business ventures developed by our students were national semifinalists.
- The college hosts the nation's largest career fair and employers compete for our graduates: placement has been **97 percent or higher for 20 consecutive years, and now a record 99.2 percent**.
- More than **\$3.4 million in scholarships** are offered to students annually through the college and its departments.
- Iowa State's **agricultural and biosystems engineering undergraduate program tied for first and its graduate program ranked second** nationwide, the department is co-administered with the College of Engineering (*US News & World Report*).
- The college leads the campus in two-year and six-year retention rates and four-year graduation rates.

## Faculty and Staff

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The college has 284 tenure/tenure eligible faculty and 433 professional and scientific staff members in 15 departments. Eight departments are co-administered by another college. Nine faculty members have received national honors from the USDA Food and Agricultural Sciences Excellence in Teaching Awards. The college has 39 named faculty positions.

## Global Programs

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The college is a national leader in student participation in study-abroad programs. Students are encouraged to integrate international dimensions and perspectives into their educational and career goals. For **more than 65 years, the Global Programs unit** has led international programs to countries in Africa, Asia, Latin America and Europe. The college's goal is to help students become global citizens with multicultural views.



## Research and Economic Development and Agriculture Experiment Station

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The college prides itself on mission-oriented research that addresses practical problems and contributes to Iowa's economy and quality of life. Some of the most significant innovations in agriculture and life sciences can be credited to Iowa State.

- The college is one of the **world's most-cited institutions** for agricultural sciences.
- The college is a leader in moving into a new era of discovery about living organisms and life processes. Responding quickly to emerging needs, providing leadership to solve critical challenges and partnering to achieve goals are trademarks of the college.
- Over the last 5 years, Experiment Station scientists successfully brought in more than **\$271 million in external funding** to address critical needs and expand scientific frontiers.
- The college is committed to be at the forefront in the application of science and bringing it to commercialization.
- Research strengths include:
  - Advanced machinery engineering
  - Agricultural and biological sciences
  - Agricultural economics and policy
  - Air quality and livestock odor
  - Animal breeding and genetics
  - Animal nutrition
  - Biorenewable fuels and products
  - Food science and human nutrition
  - Genetics and genomics, plant and animal
  - Meat science
  - Plant health
  - Seed science and technology
- Research by CALS faculty and staff account for **80 percent of Iowa State University's 377 active technology licensing** and option agreements.

## Extension and Outreach

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Extension to Agriculture and Natural Resources (ANR) serves Iowans daily, **delivering science-based information** and education vital to farmers, businesses, communities and consumers. ANR also listens to understand needs, emerging issues and help plan for the future. ANR is the largest unit in ISU Extension and Outreach, involving 60 faculty and staff in 10 departments and 41 field specialists across Iowa.

## Engaged Alumni

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Alumni are strong supporters of the college and university. More than 24,000 of our 46,000 alumni live in Iowa. Sixty-five percent of our new graduates begin their careers in Iowa following graduation. Forty-four percent have donated to Iowa State University and 21 percent have donated to the College of Agriculture and Life Sciences. For each of the past three years, alumni and friends have given more than **\$30 million to support** students, faculty and programs.