



In the Department of Industrial Engineering, faculty and students are studying ways to help businesses and organizations operate more effectively. Faculty and students in this department are routinely recognized by their peers, and many of them are fellows and leaders in professional organizations such as the Institute of Industrial and Systems Engineers, the Institute for Operations Research and the Management Sciences, the American Society for Engineering Management, the Society of Reliability Engineers, and the American Society for Engineering Education.

Students in industrial engineering get hands-on experience working with industry partners during the department's Capstone Experience. Teams of students collaborate with industry partners, to identify industry issues, then design and implement solutions. The industrial engineering department also houses the Master of Science in Operations Management program, the largest graduate program at the university.

Researchers in the Department of Industrial Engineering are solving problems in a wide range of fields. Using mathematical and computational tools, faculty and students improve systems and processes in health care supply chains, logistics, distribution and transportation networks. Faculty in this department regularly participate in interdisciplinary projects, teaming up with colleagues in civil engineering, computer science and computer engineering, biological and agricultural engineering and business.

2016-2017 STUDENT STATISTICS

Undergraduate

238

Graduate

52

Female

30%

Ethnic Minority

25%

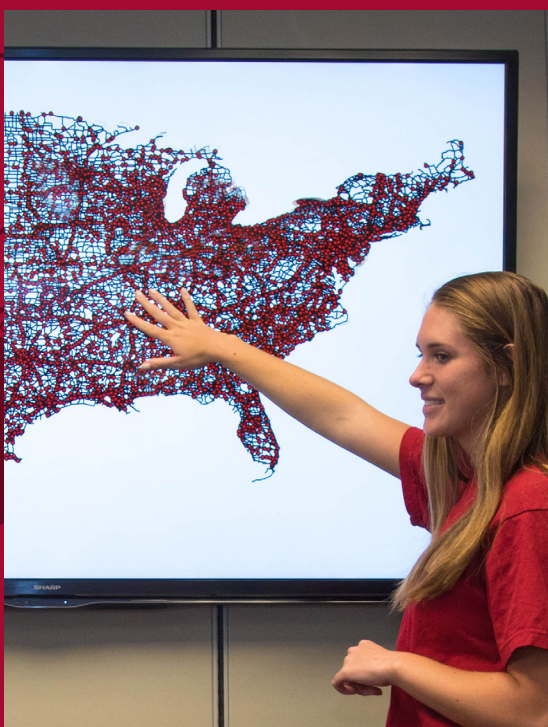
First Generation Undergraduate

22%

Placement¹

92%

¹Self reported percentage of students graduating in the past two years who were employed as engineers or attending graduate school within three months of graduating.





DEPARTMENT HEAD

ED POHL

industrial-engineering.uark.edu

Last Updated 7/19/2017

RESEARCH AREAS

- Reliability, maintainability, and quality engineering
- Transportation, logistics, and distribution
- Healthcare systems engineering
- Manufacturing and automation
- Engineering management
- Big data and analytics

Tenured and Tenure
Track Faculty

14

CENTERS

- Center for Excellence in Logistics and Distribution
- Center for Innovation in Health Care Logistics
- Institute for Advanced Data Analytics (affiliated)
- Arkansas Security Research and Education Institute (affiliated)
- Mack Blackwell Transportation Center (affiliated)
- Maritime Transportation Research and Education Center
- J.B. Hunt Innovation Center of Excellence

New Research Awards FY 2016

\$1.6M

CHAIRS AND PROFESSORSHIPS

Haitao Liao

James M. Hefley and Marie G. Hefley
Endowed Professorship in Logistics
and Entrepreneurship

Edward Pohl

The Twenty-First Century Professorship
in Engineering

Ashlea Bennett Milburn

John L. Imhoff Chair in Industrial
Engineering

Art Chaovalitwongse

The Twenty-First Century Research
Leadership Chair

Joseph Geunes

John and Mary Lib White Endowed
Systems Integration Chair in Industrial
Engineering

FELLOWS

- Richard Cassady: Institute of Industrial and Systems Engineers, Society of Reliability Engineers
- John English: Institute of Industrial and Systems Engineers
- Joseph Geunes: Institute of Industrial and Systems Engineers
- Heather Nachtmann: American Society for Engineering Management, Institute of Industrial and Systems Engineers
- Kim Needy: American Society for Engineering Education, American Society for Engineering Management, Institute of Industrial and Systems Engineers
- Greg Parnell: Institute for Operations Research and the Management Sciences, International Council on Systems Engineering, Lean Systems Society, Military Operations Research Society, Society for Decision Professionals
- Edward Pohl: Institute of Industrial and Systems Engineers, Society of Reliability Engineers
- Manuel Rossetti: Institute of Industrial and Systems Engineers
- John White: American Society for Engineering Education, Institute for Operations Research and the Management Sciences, Institute of Industrial and Systems Engineers, National Academy of Engineers