**SNAPSHOT**

**Department Chair**

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**Enrollment**

Approximately 315 undergraduate students and 90 graduate students

**Student Achievement**

- Each year, approximately 100 students work at a co-op or internship.
- In recent years, both the Institute of Industrial Engineers and the Human Factors and Ergonomics Society have won gold awards as outstanding student chapters of their respective national organizations.
- 90 percent of PhD students receive financial support.

**Job Placement**

- On average, 97 percent of undergraduates are placed in a job within a year of graduation, 81 percent have accepted a job offer and 16 percent are pursuing a graduate education.
- $62,000—Average starting salary for an undergraduate student.

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**Degrees Conferred**

Approximately 80 undergraduate and 40 graduate degrees each year

**Common Industries for ISYE Alumni**

- Manufacturing
- Healthcare
- Logistics & Transportation

**Certificates in Industrial Engineering**

More than 10 percent of our students earn additional certificates, including:
- Six Sigma Green Belt
- Graduate Certificate in Patient Safety
- Technical Communication
- Business
- And many more!
Research Excellence

Research activities in industrial and systems engineering span a wide range of techniques and approaches, many of which are also of interest to other disciplines.

As a result, our faculty members have joint appointments in biomedical engineering, civil and environmental engineering, engineering physics, mechanical engineering, business and computer sciences.

We are pursuing research in the following areas:

- Decision science/operations research
- Health systems
- Human factors and ergonomics
- Manufacturing and production systems
- Quality engineering

RESEARCH CENTERS AND CONSORTIA WITHIN THE DEPARTMENT INCLUDE:

- Center for Health Enhancement Systems Studies
- Center for Health Systems Research and Analysis
- Center for Human Performance and Risk Analysis
- Center for Quality and Productivity Improvement
- Center for Quick Response Manufacturing
- Ergonomics Analysis and Design Consortium
- Industrial Hand Tool and Ergonomics Research Consortium
- UW E-Business Consortium
- UW E-Business Institute

Faculty

Approximately 18 tenured or tenure-track faculty members

Associate Professor Laura Albert McLay is an expert in emergency response.

Faculty Excellence

5 National Science Foundation CAREER Award recipients (since 2003)
7 Fellows in their respective professional societies
1 Institute of Industrial Engineers Outstanding Educator Award recipient
3 Named professorships
1 Department of Energy Early Career Principal Investigator Award recipient
1 Recipient of the American Society for Engineering Education Award for Excellence in Collaboration of Engineering Education and Industry

Average annual research expenditures

$10M+

Average number of annual refereed journal articles

80

Ranking of ISyE department in terms of journal publications

#3

(Source: Academic Analytics)

The UW-Madison Driving Simulation Lab.