SNAPSHOT

Department Chair

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Enrollment
Approximately
315 undergraduate students
and
90 graduate students

Undergraduate
Ranking
9

Graduate
Ranking
7

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.

Degrees Conferred
Approximately
80 undergraduate
and
40 graduate
degrees each year

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.

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!

Common Industries for ISYE Alumni

Manufacturing
Healthcare
Logistics & Transportation

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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 Excellence

5 National Science Foundation CAREER Award recipients (since 2003)

6 Fellows in their respective professional societies

1 Institute of Industrial Engineers Outstanding Educator Award recipient

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

3 Named professorships

Faculty

Approximately 18 tenured or tenure-track faculty members

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

$10M+

Average annual research expenditures

80

Average number of annual refereed journal articles

#3

Ranking of ISyE department in terms of journal publications (Source: Academic Analytics)