Our Mission

• Delivering a high quality experiential-based education for future engineering leaders

• Conducting cutting-edge research to address society’s greatest challenges

• Encouraging and celebrating diversity of thought and culture

• Creating solutions to make Iowa and the world a better place
Comprehensive Program

Aerospace Engineering
Agricultural and Biosystems Engineering
Chemical and Biological Engineering
Civil, Construction, and Environmental Engineering

Electrical and Computer Engineering
Industrial and Manufacturing Systems Engineering
Materials Science and Engineering
Mechanical Engineering

Iowa State University
College of Engineering
Student Enrollment

- Fall 2014 enrollment: **8,789**
- **38%** increase in undergraduate enrollment and **18%** increase in graduate enrollment over the last five years
- **8th** largest undergraduate program in U.S.
Student Diversity
percent of college enrollment for each category

- Female
- International
- Underrepresented Minority

<table>
<thead>
<tr>
<th>Year</th>
<th>Female</th>
<th>International</th>
<th>Underrepresented Minority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2010</td>
<td>16.3%</td>
<td>16.4%</td>
<td>8.2%</td>
</tr>
<tr>
<td>Fall 2011</td>
<td>15.9%</td>
<td>16.8%</td>
<td>8.9%</td>
</tr>
<tr>
<td>Fall 2012</td>
<td>16.1%</td>
<td>17.1%</td>
<td>9.9%</td>
</tr>
<tr>
<td>Fall 2013</td>
<td>16.5%</td>
<td>17.4%</td>
<td>10.9%</td>
</tr>
<tr>
<td>Fall 2014</td>
<td>16.4%</td>
<td>17.8%</td>
<td>11.6%</td>
</tr>
</tbody>
</table>

IOWA STATE UNIVERSITY
College of Engineering
Faculty

- **250+ faculty**
- New faculty hires, all from strong applicant pools
- Ongoing faculty searches to fill **23** tenure/tenure track positions and **9** lecturers
$82 million in research expenditures in FY14

- Diversify and expand research portfolio
- Signature research areas include: biosciences & engineering, energy sciences & technology, critical infrastructure, information & decision sciences, and sustainability
Career Services

• 95% placement rate six months after graduation
• Average starting salary $62,000
• One of largest career fairs in country
• Fall 2014 results:
  • 344 employers filled 388 booths (maximum capacity)
  • 6,255 students attended
Facilities

- Developing new plan for renovation and expansion of engineering space
- Dedicated (joint with CALS) new home for Agricultural and Biosystems Engineering - Elings Hall, Sukup Hall and Sukup Atrium
- Sweeney Fire
- Marston Hall Renovation
- Student Innovation Center
Marston Renovation

- Home of Iowa State engineering
- Originally completed in 1903 as Engineering Hall, renamed in 1947 after Anson Marston, first dean of the college
- All offices were relocated last summer to begin work – estimated completion date spring 2016
Marston Renovation

- Updates include new infrastructure and physical components, re-configured office spaces, new classrooms, new welcome center and the latest technology.
- Project will honor the building’s historical past, while serving the college’s future needs.
- $27 million project paid for by university and private funds.
Economic Development, Extension, and Outreach

- FY14 CIRAS assisted 1,280 Iowa businesses generating an economic impact of $446M.
- Provide K-12 STEM outreach and training programs in Iowa.
- Student organizations and clubs make a difference locally and globally.
- Advanced Renewable Technologies International is an ISU student run start-up company developing improved filter medium for removing contaminants from water — a Uruguay grad student in mechanical engineering founded ARTi and the 30 students working on projects are from 7 different countries.
Fundraising

- Gifts support scholarships, fellowships, named faculty positions, building renovations, new facilities and college programs
- Secured $28M in current and deferred gift commitments year to date (Goal -- $25M)
- This follows last year’s fundraising record of $29.3M
- Anticipate $60M fundraising total over the two years
Increase Awareness of Our Research with Key Audiences

New research brochure series – mailed twice per year to 2,500 engineering deans and faculty prior to U.S. News ranking requests sent in March and September. Available electronically on research website.
New Recruiting Materials

Engineering
Be Passionate.
Be Creative.
Change the World.