



Introducing Rose-Hulman

May 12th, 2014

Luchen Li, Associate Dean of Global Programs

Cary Laxer, Head, Department of Computer Science
& Software Engineering

We're in Terre Haute, IN, U.S.A.

- About 75 miles/120 km west of Indianapolis
- About 180 miles/300 km south of Chicago



Some Recent Measures of Success at Rose-Hulman

99% placement rate for last year's graduates



- Ranked #1 for schools without a PhD program for the 15th year in a row

HUFFPOST
COLLEGE



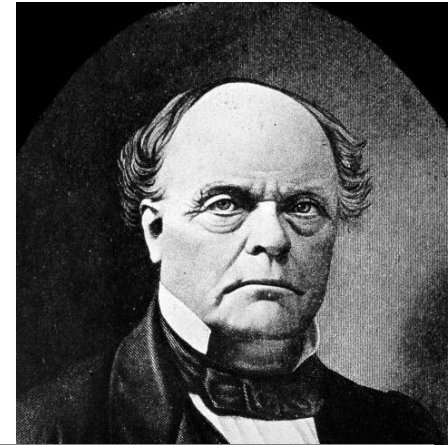
Named one of the top 10 schools in the country with the best professors



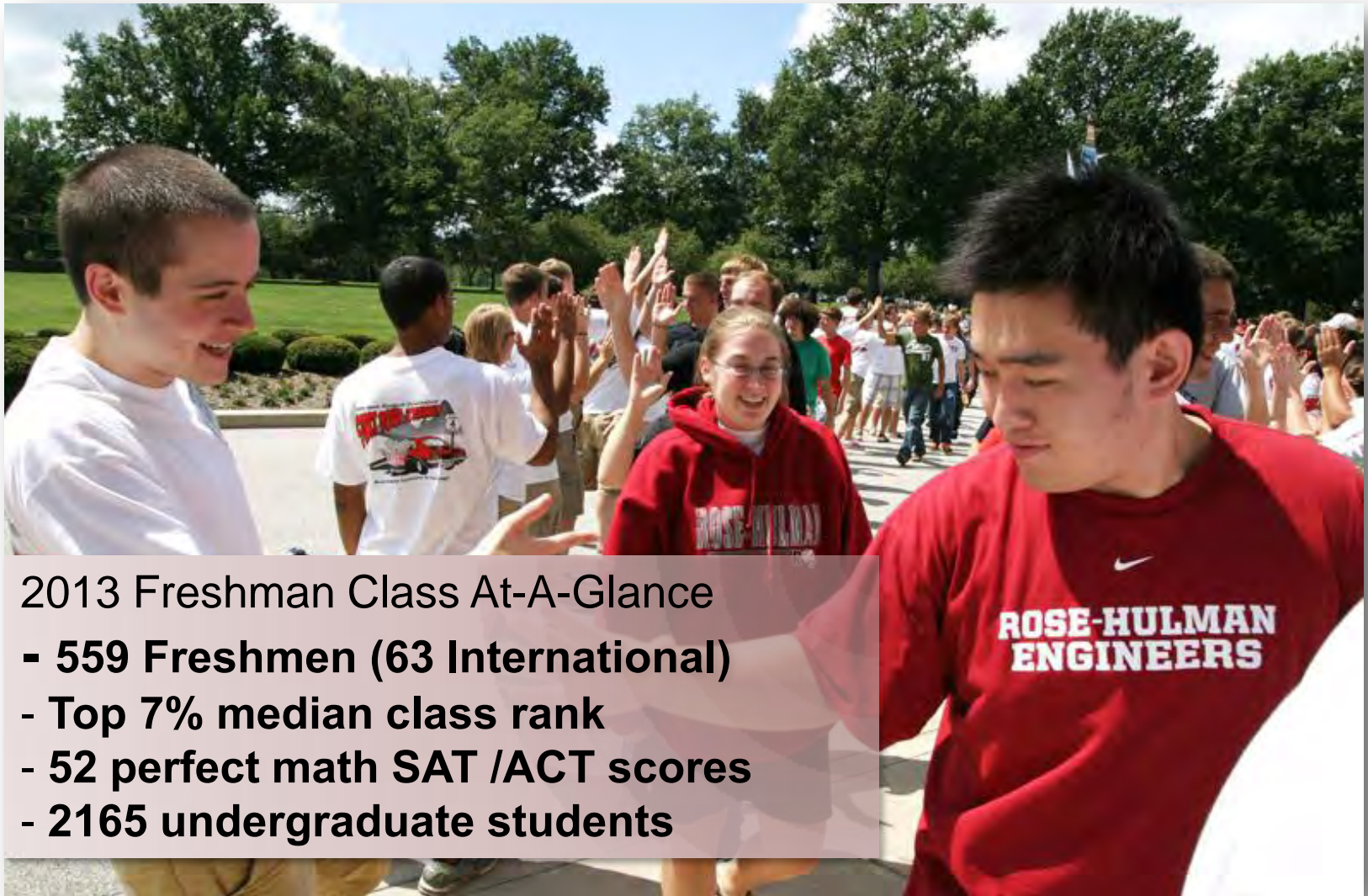
Named one of the top 10 schools for median starting salaries

Rose-Hulman History

- Established in 1874 by Chauncey Rose
 - Rose Polytechnic Institute
 - Need for Transportation Engineers
- 1971 – Hulman family foundation given to the school
 - Became Rose-Hulman Institute of Technology
- 1995:
 - School became co-educational



Highly Ranked Undergraduate Programs



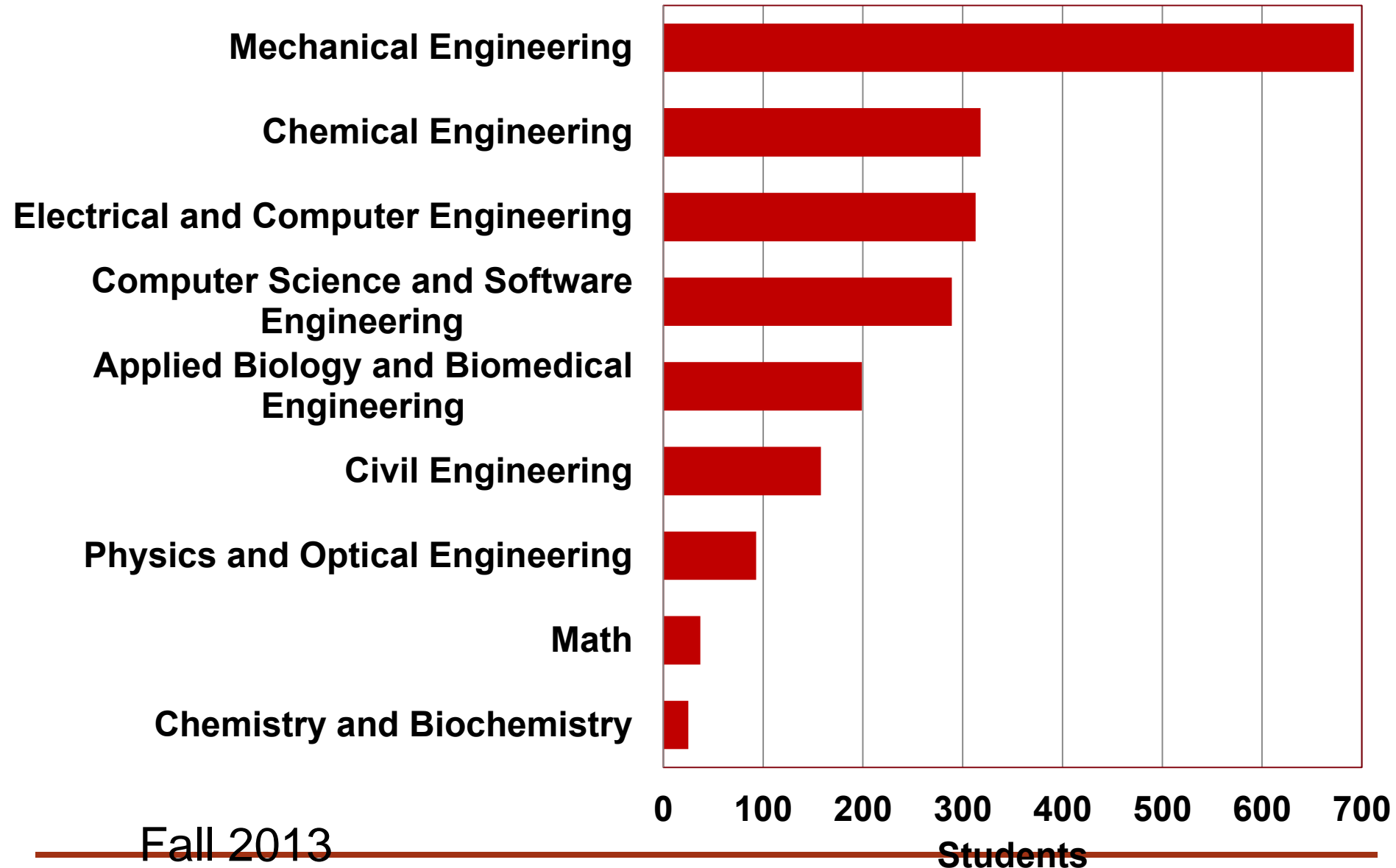
2013 Freshman Class At-A-Glance

- **559 Freshmen (63 International)**
- **Top 7% median class rank**
- **52 perfect math SAT /ACT scores**
- **2165 undergraduate students**

Degrees at Rose-Hulman

Biology	BS
Biochemistry	BS
Biomedical Engineering	BS, MS
Chemical Engineering	BS, MS
Chemistry	BS
Civil Engineering	BS, MS
Computer Engineering	BS
Computer Science	BS
Economics	BS
Electrical Engineering	BS, MS
Engineering Management	MS
Engineering Physics	BS
Environmental Engineering	MS
Mathematics	BS
Mechanical Engineering	BS, MS
Optical Engineering	BS, MS
Physics	BS
Software Engineering	BS, MS

Approximate enrollment by major



Fall 2013

Students

We emphasize hands-on experience...
Truly understand Engineering by doing it!



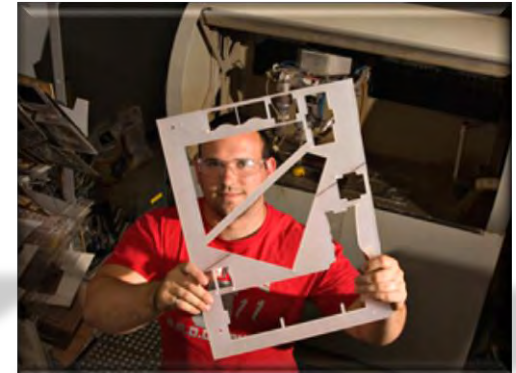
Enhancing Education with a Range of Project Opportunities



Competition Teams



Senior Project/Design



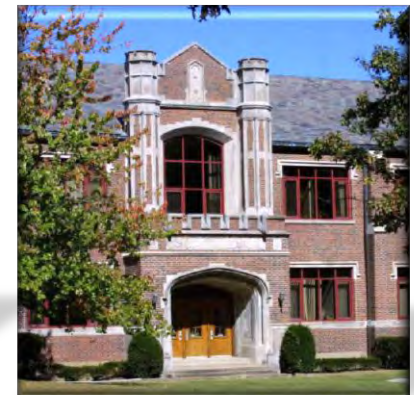
Rose-Hulman Ventures



Undergraduate Research



Internships



Campus Support

International Collaboration



Uppsala University & KTH, Sweden

**Kanazawa Institute of Technology and
University of Aizu, Japan**

**Ulm University, University of Stuttgart,
Germany**

**Beginning exchanges with Tongji and
Beihang, China**

**Graduate dual-degree programs with Seoul-
Tech, Korea; Ulm, Germany; undergraduate
dual-degree in CS with Ulm**

**Have hosted 66 BSWB students with 14
additional participants this summer.**



Innovation – Where Product Research Intersects Student Education and Experience!



Extraordinary
Engineers,
Scientists, and
Mathematicians
**Intellectual
Capital**

Ideas!



Intellectual
Property

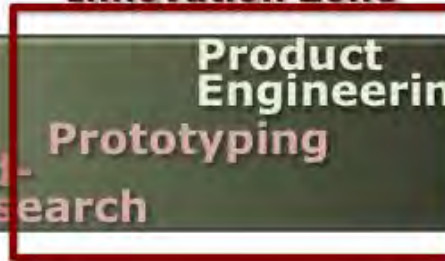


Early
Research



Mid-
Research

**The Rose
Innovation Zone**



**Product
Engineering
Prototyping**



Market

Adoption

Diffusion

Introduction

Patents



**Products &
Processes**

Rose Students



Research and Innovation

Research

- Selected Expertise
- Applied Research
- Student Inclusive

- *Myers Center for Technological Research*
- *MiNDS Lab*
- *Ultra-Short Pulse Laser Lab*

Innovation

- ▣ Design and Prototyping
- ▣ Transition to Production
- ▣ Student Teams

- ▣ *Rose-Hulman Ventures*
- ▣ *Competition Projects*
- ▣ *Senior Design Projects*

We Provide State-of-the Art Facilities



**CSSE Usability
Laboratory**



**MiNDS
Laboratory**

Continuously Improving Education Practices



Student Life/extracurricular Activities



Competition teams



Athletics



Performing arts

Professional societies



We Provide Top-Ranked Career Services



Class of 2014

- 99% Placement
- 19% to graduate schools
- Average Starting Salary: US\$67,957

Our Core Values and Mission

- To provide our students with the world's best undergraduate education in engineering, mathematics and science in an environment of individual attention and support.
- Strategic Goal: To require students to have at least one meaningful international experience prior to graduation



Class of 2013 Commencement Ceremony

We are True to Our Guiding Principles

- Academic Excellence
- Student-First Culture
- Tolerance and Citizenship
- Faculty Who Teach
- Project-Based Education

