
ROSE-HULMAN
President Robert A. Coons – April 27, 2023

ROSE-HULMAN

FAST FACTS ABOUT ROSE-HULMAN

2,188 Students

99% Undergraduate

- 28% Indiana
- 25% Women
- 33% Racially/Ethnically diverse
- 8% International

92% Persistence rate; **86%** Six-year graduation rate

20 Men's and Women's NCAA Division III Athletic Teams

1,400 + acre campus

FALL 2022 INCOMING CLASS

602 students from **490** high schools

40 states and **18** countries represented

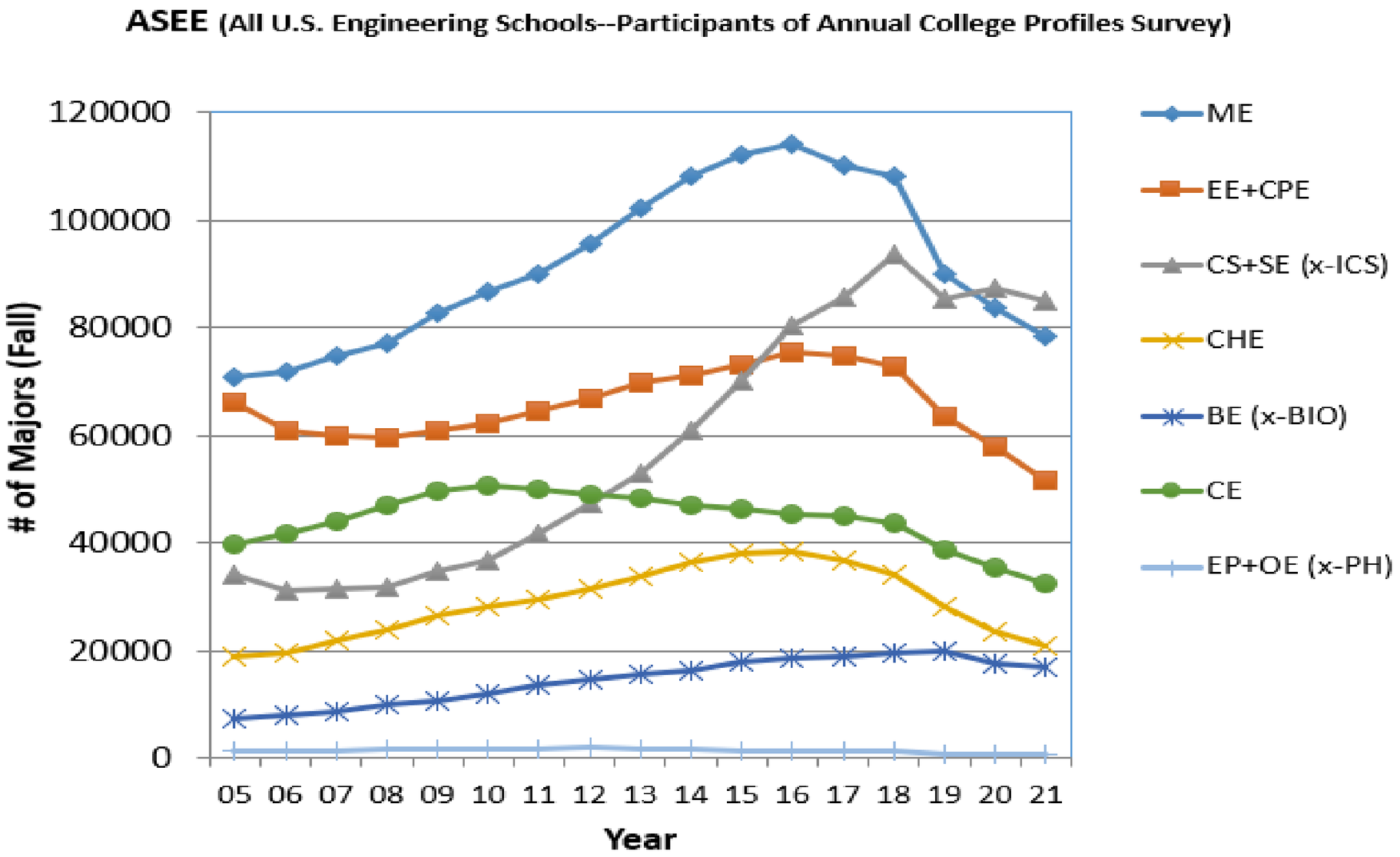
85% reported test scores, twice above the national average reported by Common App

Standardized math and science test scores ranked within the **top 5%** nationally

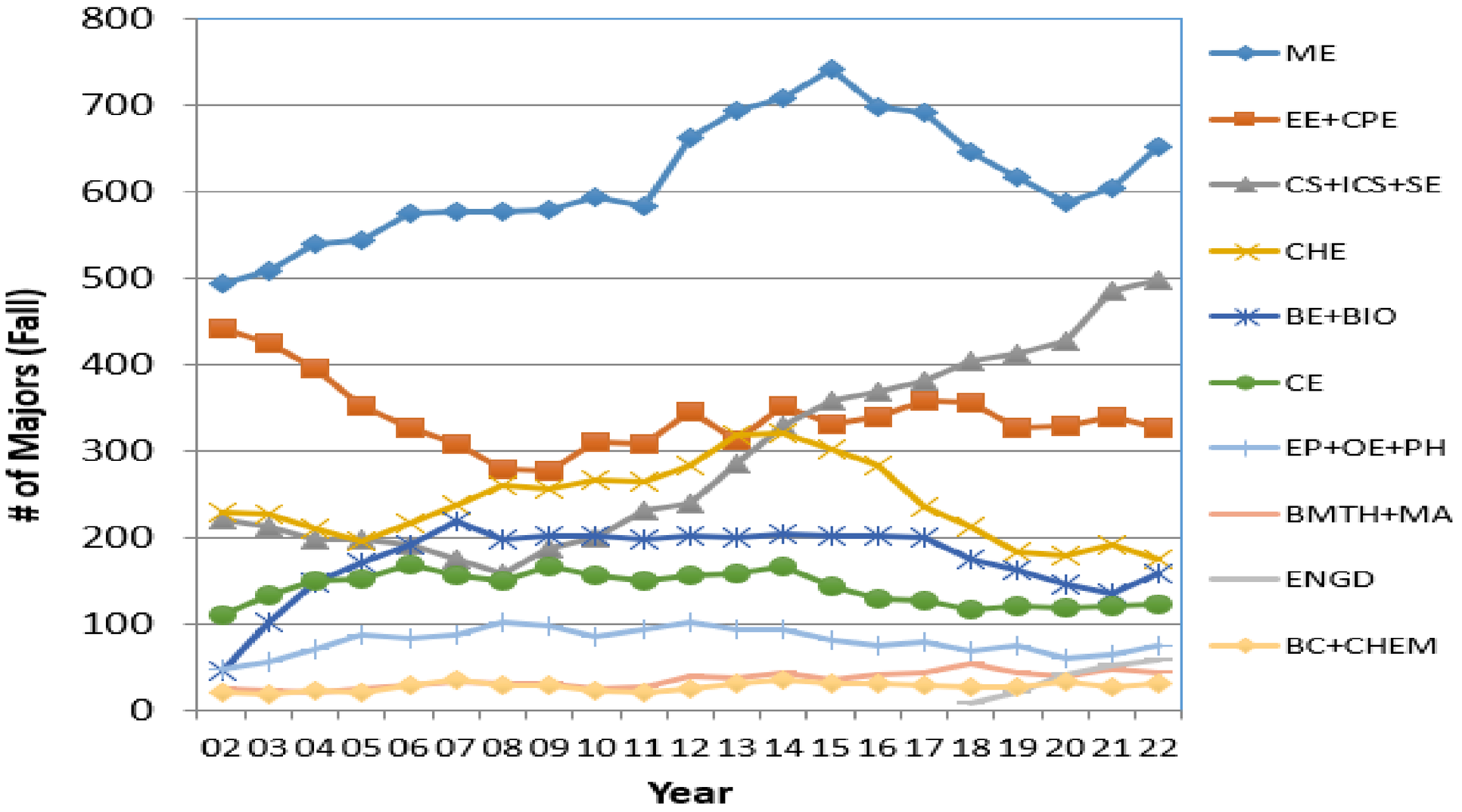
Median high school **GPA - 4.06**

18% either first-generation and/or Pell Grant recipients

ENGINEERING MAJORS



ROSE-HULMAN TRENDS



FACTORS SHAPING ROSE/STEM EDUCATION

- Changing expectations of students and their parents (e.g., ~10% of RHIT students requiring some sort of accommodation)
- Other schools starting engineering programs (e.g., traditional small liberal arts schools) and other organizations delivering educational content (e.g., Google and Microsoft)
- Emergence of greater importance of digital technologies (CS, robotics, AI, electrification)… with digital technologies impacting all disciplines
- Climate change / Energy infrastructure transformation
- Growing importance of DEI
- Growing interest/acceptance of entrepreneurship as a viable career path
- Shift in student interest from discipline-specific and job-driven education to purpose-driven and mission-driven education
- Shifts in the expectations of employers - looking for more than just engineering skills…also expecting an understanding of the business/legal/social context that engineering is practiced

WHAT MAKES ROSE UNIQUE?

Mission

The mission of Rose-Hulman Institute of Technology is to provide our students with the world's best undergraduate science, engineering, and mathematics education in an environment of individual attention and support.

Vision

Rose-Hulman graduates will be inspired and prepared for lives of purpose and success, defining and solving the problems of a complex global society. Rose-Hulman will be a lifelong partner with our graduates and a recognized global leader in science, engineering, and mathematics education.

WHAT MAKES ROSE UNIQUE?

In the U.S. for ROI
(PayScale, Bipartisan Policy Center, Georgetown University)

#1 private school for Internships
(Princeton Review)

99% placement rate, $80,157 average pay
(Class of 2022)

#1 in the U.S. for Undergraduate Engineering
(U.S. News & World Report)

99% full-time faculty have a PhD or Doctorate

Noblitt
SCHOLARS PROGRAM
ROSE-HULMAN INSTITUTE OF TECHNOLOGY

WHAT MAKES ROSE UNIQUE?

Rose Squared

Concurrent degree program that allows students to receive a Bachelors and Masters in four years

RECRUITING STUDENTS—DYNAMIC PROCESS

Reengineered our enrollment process in 2019-20

- Started communicating with students earlier in high school
- Expanded our geographic reach
- Expanded and enhanced data analytics processes

Summer programs

- Catapult—50+ years in existence—2 week camp (grades 11-12)

- Added 4 new programs to reach different demographics
  - Rose Power—(completing grade 9 girls)
  - Project Select—(completing grades 9, 10)
  - Creation Crates—(completing grades 10, 11)
  - Rose Accelerate—online, college credit (grades 11, 12, 1st yr college)

Noblitt Scholars

- Unique program designed for the most talented and competitive students
- Students identify their passion and bring that vision to reality

CAREER SERVICES

CLASS OF 2022

$80K Average Starting Salary

99% Placement Rate within six months

INTERNSHIPS / CO-OP / RESEARCH

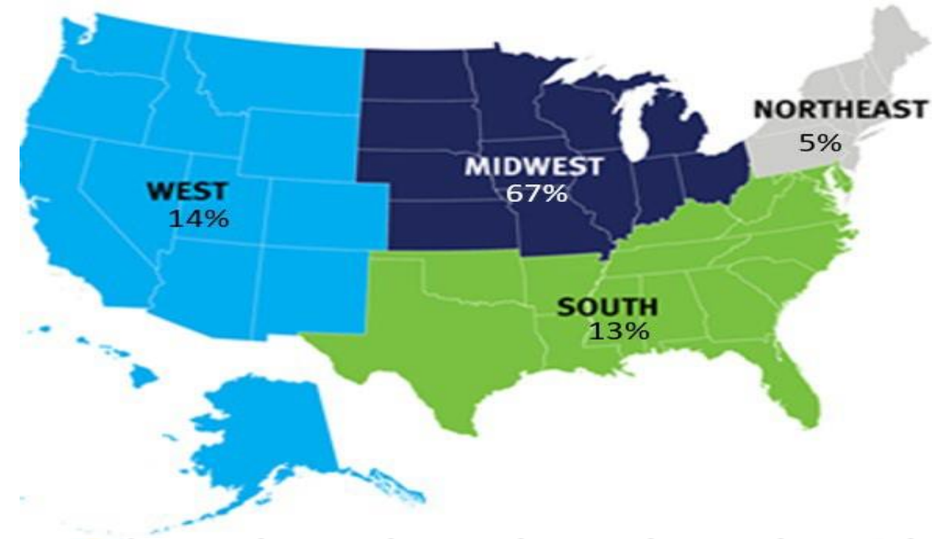
94% of students complete one experience

70% of students complete two experiences

31% of students complete three or more

CLASS OF 2022

Accepted job offers represent 37 states and 2 foreign countries



OVERALL SALARY DATA

Average Original Offer:	$ 78,961
Average Accepted Offer:	$ 80,157
High Accepted Offer:	$166,250
Low Accepted Offer:	$ 45,000

CAREER SERVICES

Three career fairs per year, fall is the largest…

- 97 (34%) of the 283 companies at our fall career fair were recruiting students for Indiana

Of the 418 graduates in 2022, 115 (28%) stayed in Indiana

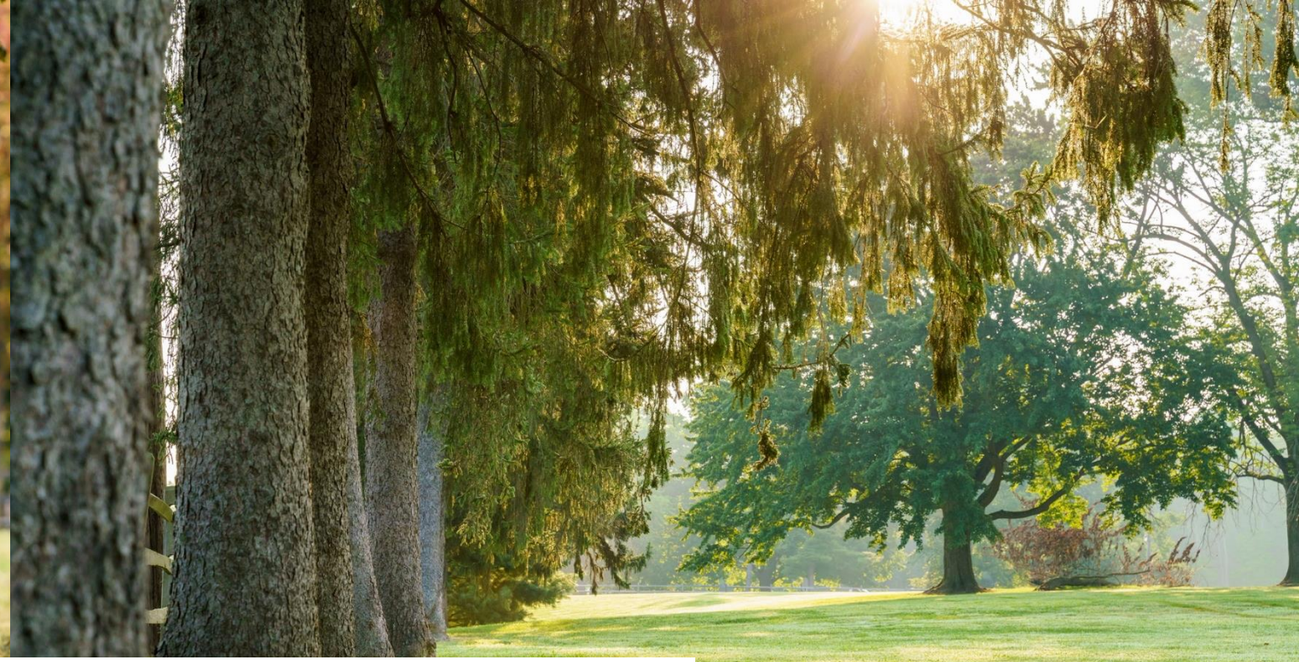
Top Indiana companies for our graduates:

Class of 2022	Class of 2021	Class of 2020
Edgile	NSWC Crane	NSWC Crane
DMI	DMI	Edgile
NSWC Crane	Eli Lilly	DMI
Cleveland Cliffs	Allison Transmission	Proofpoint
Eli Lilly	ArcelorMittal [now Cleveland Cliffs]	ArcelorMittal [now Cleveland Cliffs]
Belcan Engineering	Boston Scientific	Boston Scientific
Endress and Hauser	Data Centric Solutions	Eli Lilly

KEEPING GRADUATES IN INDIANA

- **Offering robust internships, co-ops and research opportunities as early in the college student's four years of study is key…**

- **Internships for rising seniors or incentives after graduation are too late in the process for many…**



EXPANDING CAMPUS FOOTPRINT

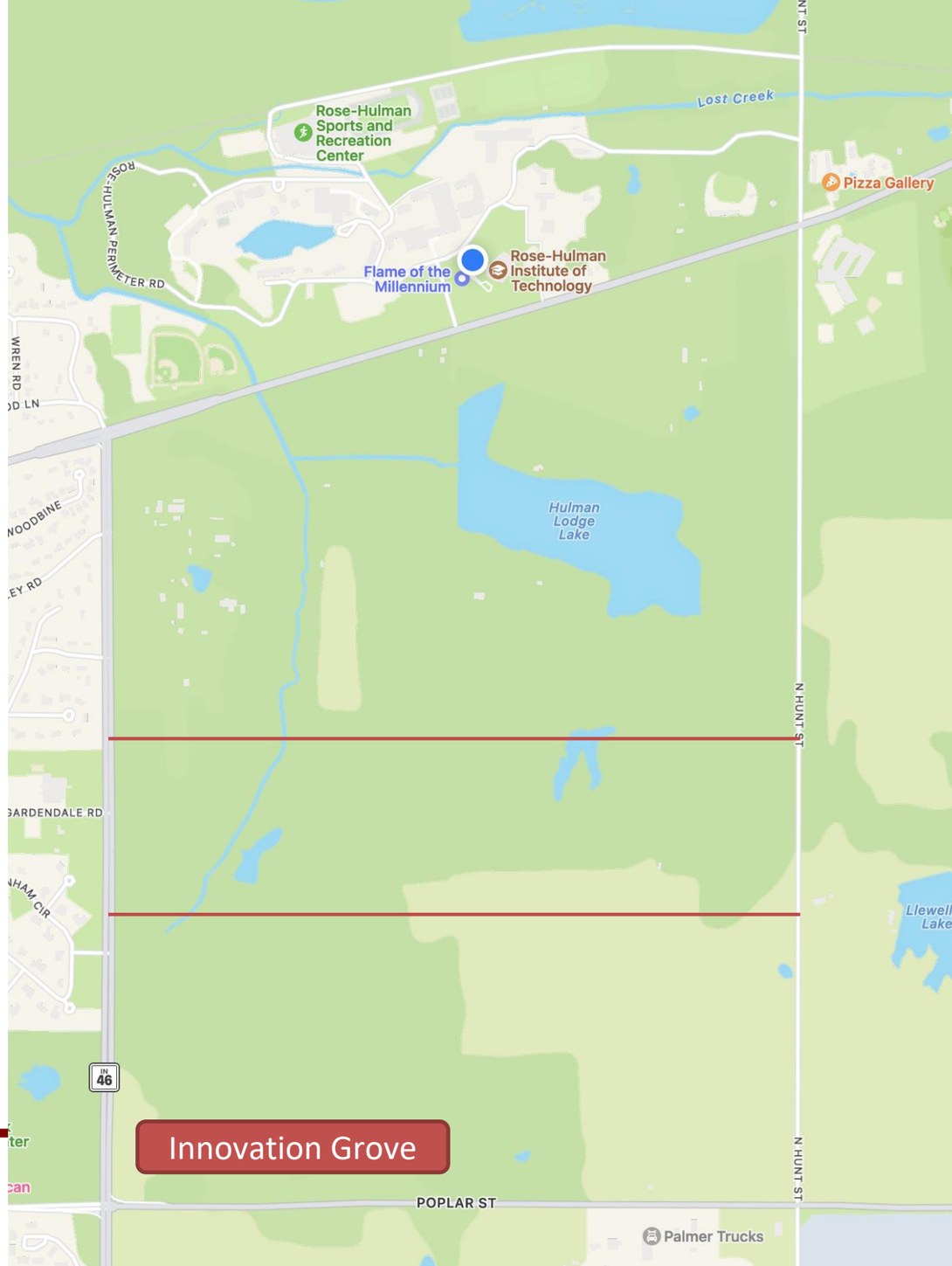
HULMAN FARM

Innovation Grove

Vision of a new space for “Innovation”

$2 million in grants awarded

Ventures relocation to Hulman Farm property near SR46 and SR42



Innovation Grove--Initial Concept

- Nucleus of the idea driven by the Regional Economic Acceleration and Development Initiative (READI) Grant Process—Entrepreneurship and Innovation
- **Expand our innovation and entrepreneurial ecosystems**
- **Relocate** Rose-Hulman Ventures **(RHV)** to the SW Corner of new property (46 & 42)
- Creating a new space for RHV and student-focused Innovation, closer to campus
- Creating a **home for the Sawmill Society** and some of their projects
- RHV becoming the **hub for** an "**Innovation Grove**", potentially housing civil engineering, biology, prototyping and testing lab space as well as possible co-working space
- Creating Rose-Hulman's version of an innovation park or space to support the growing community of current students as well as alumni interested and engaged in entrepreneurship and/or sustainability

Innovation Grove—Developing Ideas

Potential benefits in terms of **student exposure to high-tech industries** such as:

- Semiconductor R&D, testing, assembly and mfg.
- EV/Battery Cell R&D and testing
- Cybersecurity
- Quantum computing
- Advanced materials—lab and mfg. space for materials for defense, microelectronics and agbiotech
- Agrisciences/agtech/life sciences

New **Lilly Endowment** College and Community Collaboration (CCC) Initiative:

- Allocating $ 300 M to four-year schools; each school can apply for up to $ 25 M
- Improve Quality of Life and Place in Indiana Communities where colleges are located
- Make Community more welcoming and supportive of populations we want to attract/retain

Innovation Grove

ROSE-HULMAN