

ROSE-HULMAN

INSTITUTE OF TECHNOLOGY

Vice President of Academic Affairs
Rose-Hulman Institute of Technology
Terre Haute, Indiana

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.

Since its founding in 1874, Rose-Hulman Institute of Technology has stood as an example of successful undergraduate science and engineering education that combines academic rigor, a supportive environment, faculty members focused on teaching, and myriad opportunities for students to apply their learning to real-world problem-solving. Rose-Hulman is seeking a new Vice President of Academic Affairs who will embrace and champion the Institute's core strengths and legacy and who has the vision and leadership capacity to position Rose-Hulman to expand its reach and brand, pioneering the future of engineering education nationally and internationally. Rose-Hulman invites nominations from forward-thinking, experienced candidates who will lead the academic enterprise in shaping and achieving its strategic goals.

THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

The VPAA oversees the Dean of Faculty, Associate Dean for Innovation, Institutional Research, Planning, and Assessment, Library Services, the Office of Global Programs, and the Center for the Practice and Scholarship of Education. Working with this talented team, with faculty, and with institutional colleagues, the VPAA will:

- Pioneer academic goals and programs that are aligned with the Institute's mission and will advance the Institute's strategic plan;
- Develop structures, policies, and operational practices that enable faculty to innovate and collaborate more effectively internally and with external

- academic institutions, corporate partners, and other constituents;
- Drive continuous improvement of Institute academic affairs that will position the Institute to be at the forefront of SEM education;
- Work closely with Institutional Advancement to pursue, communicate and champion innovative opportunities for funding to support academic initiatives as part of a comprehensive campaign;
- Provide leadership that promotes shared governance and inclusive, transparent decision-making.

Qualifications: Education and Experience

- A doctorate in engineering, science, mathematics or related field
- A record of distinguished teaching, professional development, and service qualifying for a tenured appointment at the rank of full professor in one of the Institute's academic departments
- A history of increasingly responsible academic administrative experience in higher education
- Demonstrated managerial ability including experience in planning, faculty development, budget creation and management; and resource development/fundraising
- Experience in industry or knowledge of industry trends
- Demonstrated experience in academic program assessment, managing accreditation processes, and the development and implementation of continuous improvement strategies

Additionally, the ideal candidate will have:

- An overarching commitment to excellence and a clear vision for the future of engineering, science and mathematics education
- Experience in group dynamics and an ability to communicate effectively with individuals from all backgrounds
- An open, collaborative, flexible leadership style
- The ability to promote, manage, and adapt to change within a highly creative and dynamic community of scholars
- Strong commitment to building an educational and institutional environment that is truly inclusive and treats all of its members with dignity and civility

Sage Search Partners is assisting Rose-Hulman with this search. Confidential nominations, inquiries and applications (cv and letter of interest) can be forwarded to Paula Fazli, Partner pfazli@sagesearch.com (617) 290-3922

ABOUT ROSE-HULMAN INSTITUTE OF TECHNOLOGY

Founded in 1874, Rose-Hulman Institute of Technology (RHIT) is located on a 200-acre campus in Terre Haute, Indiana. RHIT, or “Rose,” as it is fondly referred to, is consistently ranked #1 among institutions whose highest degree in engineering is the master’s. The Institute currently enrolls 2100 undergraduates and 100 graduate students. Its 191 faculty members teach and pursue scholarship in eleven departments –Biology and Biomedical Engineering, Chemical Engineering, Chemistry and Biochemistry, Civil Engineering, Computer Science and Software Engineering, Electrical and Computer Engineering, Engineering Management, Humanities and Social Sciences, Mathematics, Mechanical Engineering, Physics and Optical Engineering. Additionally, there are Army and Air Force ROTC programs. The Institute offers (21) ABET accredited undergraduate programs and master’s level graduate programs in Biomedical Engineering, Chemical Engineering, Chemistry, Civil Engineering, Electrical Engineering, Engineering Management, Environmental Engineering, Mechanical Engineering, and Optical Engineering.

Faculty members choose to come to Rose-Hulman for the opportunity to interact meaningfully with students in class and in the lab, work with them on design projects, and to shape their futures as engineers and scientists. Over the course of their academic careers at “Rose,” students take advantage of opportunities to take product ideas from conception in the classroom to market; they graduate prepared to overcome obstacles, solve problems, invent solutions, and create the future of industry and technology. Through projects like constructing an all-terrain wheelchair to developing a software system that allows a robot arm to paint a picture to on-campus sustainability initiatives like HERE (Home for Environmentally Responsible Engineering), Rose-Hulman graduates gain skills and competencies that make them highly sought-after by employers across the world: they are collaborative, global communicators, managers and life-long learners who can adapt to an ever-changing and competitive world.

Faculty profile

Nearly all – 98% – of Rose-Hulman’s faculty members have PhD degrees. The faculty has included 13 Fulbright Scholars since 1975 and many noted authors. While most faculty members are highly distinguished in their fields, every effort is made to recruit and encourage professors who believe that teaching is their primary responsibility. Although Rose-Hulman professors

maintain their professional competence through such activities as continuing education, consulting, research, and writing, a "publish or perish" atmosphere does not exist on the Rose-Hulman campus. Rose-Hulman Institute of Technology is concerned with the student as an individual and is dedicated to excellence in the character and performance of students and teachers alike.

Innovation at Rose-Hulman

As 'innovation' becomes a new organizational competency, institutions of all types are challenged to be more innovative to survive and prosper. At Rose-Hulman, faculty, students, and staff explore and "live" innovation in the classroom and in labs, research centers, and co-curricular organizations. For example, the Branam Innovation Center (BIC) inspires students to bring their creative best to their science and engineering passions. The 16,200-square-foot open workspace promotes multidisciplinary collaboration with easy access to tools, spare parts, a machine shop, welding room, paint booth, and a conference room. The facility enjoys the support of many leading corporate partners who underwrite many activities in the center. Those companies often seek students with BIC experience at hiring time.

Another innovative enterprise launched at RHIT is Rose-Hulman Ventures, a successful product design, rapid prototyping and development firm on the south campus that develops innovative, technology based solutions that positively impact the businesses of its client partners. Rose-Hulman Ventures employs student interns and serves a diverse mix of clients—from entrepreneurial startups to established companies with global operations. The facility includes professional-level laboratories, equipment, tools, and work suites to develop the best quality products or solutions. Some of Rose-Hulman Ventures' most successful recent partnerships have included work with Nico Corporation, Precision Planting, Omnisite, and GE Power and Water. Through work with these clients students have gained experience designing surgical equipment, enhancing precision agriculture, and improving the efficiency of our power sources. For more information visit www.rhventures.org.

The Institute's commitment to innovative undergraduate education is reflected in its institute-wide assessment process that includes a defined set of institutional learning outcomes and the Rose-Hulman electronic portfolio project, the RosE Portfolio System (REPS), winner of the 2007 Council on Higher Education Accreditation Award for Progress in Student Learning Outcomes.

Support for faculty development is a core value at Rose-Hulman. The Center for the Practice and Scholarship of Education is unique among university teaching/learning centers in acknowledging and seeking to enhance both sides of the dual practitioner-scholar role of faculty. The CPSE nurtures and inspires individuals engaged in the practice and in the scholarship of education. By helping faculty achieve their full potential, the CPSE maximizes Rose-Hulman's impact on the education of science, engineering, and mathematics students.

And finally, at a recent School Symposium, President Conwell announced Rose Reimagined, a unique opportunity to:

- take advantage of RHIT's position as a worldwide leader in engineering education,
- leverage the skills and knowledge of its best-in-class staff and faculty, and
- exploit the freedom to explore the entire range of future possibilities — from a true position of strength.

This ambitious challenge included the charge “to design and implement — from the ground up — a new, lean, agile and adaptable standard-setting ABET-accredited engineering program” at Rose-Hulman. This program, which is currently under development, has been named “Engineering Design” and is aimed at integrating courses, projects, and interdisciplinary studio labs within a curriculum suffused with opportunities for students to learn and apply design principles throughout the entire four-year experience.

More broadly, the outcomes from Rose Reimagined have the potential to impact not only the Engineering Design program, but also the future of how the Institute plans, develops, and supports the innovative new ideas that will allow us to pioneer the future of SEM education.

STRATEGIC PLAN 2013-2018

In 2013, RHIT launched a five-year strategic plan, developed through deep consultation with faculty, alumni, students, industry partners, parents and peer institutions that make up the greater RHIT community. Dubbed “The Great Debate,” the RHIT Strategic Planning Team held a series of events in over a dozen cities across the nation to elicit input about the future of Rose-Hulman. These ideas became core themes that were distilled into six goals:

Goal 1: Rose-Hulman will support and recognize excellence in teaching,

learning, innovation and intellectual growth in and out of the classroom.

Goal 2: Rose-Hulman will give students a vision of the breadth of their possible futures and will prepare them to achieve these futures.

Goal 3: Rose-Hulman will foster a culture of lifelong connection with all of our constituencies.

Goal 4: Rose Hulman will be a diverse, globally-connected, sought-after community in which to live, learn, and work

Goal 5: Rose-Hulman will be a model of a fiscally sustainable and affordable private institution focused on science, engineering, and mathematics education.

Goal 6: Rose-Hulman will have global name recognition for the excellence of our education.

Rose Hulman is currently in the silent phase of a \$300M comprehensive campaign designed to advance the goals of the Strategic Plan. *The Campaign for Rose-Hulman* is aimed at raising funds in three primary areas: the endowment, scholarships, and capital improvements. The campaign will empower Rose-Hulman to support faculty efforts to set the standard as innovators in undergraduate teaching. It will also focus the Institute to engage its alumni as life-long members of the Rose-Hulman family and heighten the Institute's national and global profile.

TERRE HAUTE

Early French fur traders gave the city the name Terre Haute, French for “high ground,” referring to the way the land overlooks the Wabash River, an early-American lifeline of the Midwest. Referred to as the “Crossroads of America,” the city is the self-proclaimed capital of the Wabash Valley. Located in southwestern Indiana, the city has a total population of approximately 60,000 within approximately a 1 hour drive from Indianapolis, and approximately a 3 hour drive from other large Midwestern cities including Chicago, St. Louis, and Cincinnati. With numerous higher education institutions located in Terre Haute (RHIT, Indiana State University, Saint Mary-of-the-Woods, and Ivy Tech Community College), the city has embraced its college town persona.

Terre Haute was named “Community of the Year” in 2010 by the Indiana Chamber. The city has two television stations, a symphony, several parks, a tight-knit art scene, and plenty of concerts and festivals. The Swope Art Museum and the new Children's Museum are both located downtown. Historic parks such as Deming Park and Hawthorn Park are nearby.

In addition to recent, significant revitalization of the downtown and surrounding areas, the diversity of the local economy, and higher education,

Terre Haute continues to be a major regional center for health care, retail shopping, recreation, entertainment and the arts. It offers a low cost of living, strong public and private schools, and a strong economy. Rose-Hulman is a highly regarded contributor to the area's level of employment.

Rose-Hulman Institute of Technology is an Equal Opportunity/Equal Access/Affirmative Action Employer. It conducts its recruitment and hiring activities based upon job-related qualifications without regard to color, religion, sex, age, race, national origin, sexual identity, gender identity, transgender status, disability, and veteran status.