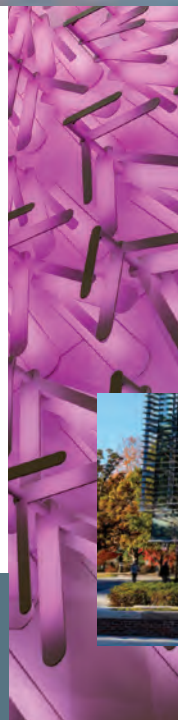


WINTER 2024

Echoes



A VISION REALIZED



1974-2024



ROSE-HULMAN INSTITUTE OF TECHNOLOGY

Gala Celebration Toasts 150 Years of Excellence

"At Rose-Hulman, we don't just educate graduates—we cultivate leaders who shape the future of our world ... Our legacy is their success, and their work will continue to inspire generations to come."

— Robert A. Coons, Rose-Hulman President

PHOTOS
BY
BRYAN
CANTWELL



Rose-Hulman commemorated its 150-year sesquicentennial in grand style with the **"Rose Gala: A Sesquicentennial Celebration,"** black-tie event at the Terre Haute Convention Center that drew 600 attendees and was the capstone to this year's Homecoming festivities.

The sold-out gala brought together a diverse group of Rose-Hulman stakeholders, including alumni, faculty, staff, students, corporate and community partners, and local officials. Guests enjoyed an evening of eloquent speeches, fine dining, and the timeless tunes of the Glenn Miller Orchestra. More than just a celebration, the event also raised funds for student scholarships through ticket sales.

In remarks to the attendees, President **Robert A. Coons** highlighted the far-reaching impact of the Institute's graduates.

"At Rose-Hulman, we don't just educate graduates—we cultivate leaders who shape the future of our world," Coons said. "In this room, you'll find engineers transforming industries as CEOs, scientists making life-saving discoveries, mathematicians driving innovation in data science, and entrepreneurs building the jobs of tomorrow. Our legacy is their success, and their work will continue to inspire generations to come."

Board of Trustees Chair **Carl Cook** (HDENG, 2015) shared a forward-looking message, noting, "For





Cook

"For 150 years, Rose-Hulman has been more than an institution—it's been a launchpad for dreams, a crucible for ideas, and a beacon of excellence in STEM education."

— **Carl Cook**, (HDENG, 2015),
Board of Trustees Chair



Henthorn

150 years, Rose-Hulman has been more than an institution—it's been a launchpad for dreams, a crucible for ideas, and a beacon of excellence in STEM education. As we stand on the start of the next 150 years, I can't help but feel a surge of excitement. If our past is any indication, the future holds limitless possibilities."

Trustees Vice Chair **Linda White** (HDENG, 2023) was the event's Master of Ceremonies while Alumni Advisory Board President **Nellie Hohne** (ME, 1999) offered a toast to Rose-Hulman's sesquicentennial.

Providing faculty comments was Department of Chemical Engineering/Associate Professor of Chemical Engineering **Kimberly Henthorn** (CHE, 1999), PhD.

The gala also featured student voices, including **Jack Cooperman**, a Class of 2025 computer engineering major and President of the Student Government Association. A multi-generation Rose-Hulman student, Cooperman shared, "I chose Rose-Hulman because I admired my grandfather, a proud alum, but I stayed because this place pushes every student to reach their full potential. The small class sizes, world-class professors, and countless opportunities make Rose-Hulman a place where you can thrive."



White



Cooperman



Robert and Tammy Coons

From its humble beginnings as Rose Polytechnic to its rise as a leader in STEM education, examine the entrepreneurial spirit, innovative breakthroughs, and unwavering dedication to discovery that have shaped the Institute's legacy at rose-hulman.edu/150video

HELPING TO MAKE THIS SPECIAL OCCASION A SUCCESS WERE THE FOLLOWING EVENT SPONSORS:

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Contents

COLUMNS/ FEEDBACK

- 4 Message from the President
- 36 The Bailey Challenge

CAMPUS CONNECTION

- Inside Cover Gala Celebration
- 3 Forward Thinking
- 6 Cover Story: History Lessons
- 12 Innovative Future
- 16 Venturing Ideas
- 18 Giving Back
- 19 Campus Happenings
- 25 Computing Progress
- Back Page Day of Giving

SPECIAL FEATURES

- 31 Lifetime Memories
- 33 The Great Outdoors
- 34 Disrupting Computing
- 35 Mentor Moment

ALUMNI NEWS

- 28 Photo Album: Homecoming Fun
- 37 Alumni News
- 38 Sesquicentennial Postcards
- 39 Class Notes
- 43 Weddings
- 44 Rosebuds
- 45 In Memoriam

HONORING OUR DONORS

- 46 Giving Thanks
- 47 Chauncey Rose Society Giving
- 49 Jacket Presentations
- 50 1874 Society Giving
- 52 Ways to Give
- 54 Annual Giving Lists

Inside Back Corporate/Foundation Giving

6
'VISION' REALIZED

12
PLANTING SEEDS

18
NAME BUILDING

19
ARTISTIC WONDER

28
HOMECOMING SPECTACULAR

31
FOREVER ROSE



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It is the policy of Rose-Hulman Institute of Technology to admit students on the basis of their academic ability. Rose-Hulman Institute of Technology does not discriminate based on race, religion, color, national origin, sex, age, citizenship status, disability, veteran status, or sexual orientation.

ADVANCING *by* DESIGN

Strategic Plan in Motion

Rose-Hulman's Advancing by Design strategic plan is already making strides across campus, addressing four key themes that reflect the Institute's commitment to providing an impactful and forward-looking STEM education.

In this first year, teams have launched numerous initiatives within each theme, from sustainability efforts to affordability measures, laying the foundation for lasting impact. Here are some of the highlights:

Infuse Sustainability into the Rose-Hulman Education and Culture

In alignment with Rose-Hulman's mission to infuse sustainability into its education and culture, the Institute is taking bold steps toward waste reduction and resource conservation. One plan calls for capstone design teams to conduct an in-depth analysis of campus waste streams to better understand campus recycling and reuse rates, a foundational project for future sustainability goals. In addition, with funding support approved, plans are in place to develop a 5-megawatt solar farm as part of the Innovation Grove District, which will boost renewable energy use on campus and potentially beyond. The plan also includes piloting a summer scholars program aimed at engaging students in sustainability practices early in their academic journey.

Instill a Mindset of Innovation, Discovery, and Entrepreneurship

Rose-Hulman continues to expand resources for innovation and entrepreneurship with the recent groundbreaking of Innovation Grove. This district will serve as a hub for creative problem-solving and industry collaboration. Looking forward, the Institute is considering funding models to support student

groups like the Branam and Kremer Innovation Centers and competition teams, providing them with resources, facilities, and dedicated support—akin to our athletic programs.

Prepare Students to be Leaders in a Global and Diverse Society

Preparing students to thrive in an interconnected world is a priority. Rose-Hulman is exploring new certificate programs and other credentials to enrich students' intercultural skills, adding depth to their global competencies. These new programs aim to enhance students' awareness and adaptability in diverse settings, equipping them with essential skills for a globalized workforce.

Increase the Affordability and Value of a Rose-Hulman Education

With record enrollment, expanding housing options is a priority, and new apartment-style residences are being considered as additions to the Hulman Farm property south of campus to meet this growing demand. In addition, the academic calendar is under review to optimize course scheduling and provide increased flexibility, potentially reducing overall costs for students.

Advancing by Design sets a transformative vision for the Rose-Hulman community, as we look ahead toward the next 150 years.

For detailed information on each strategic action, visit rose-hulman.edu/strategicplan and stay tuned for continued updates in upcoming issues of *Echoes*. ■



View the full plan at:
rose-hulman.edu/strategicplan

As I look back on the past few months, it is clear that this fall has been one of the most momentous in Rose-Hulman's history. From welcoming a record 2,325 students to campus to commemorating transformative gifts and groundbreaking projects, we are marking our 150th year with achievements that exemplify our commitment to excellence. I am thrilled to share some highlights of this truly unforgettable season.

Our fall Homecoming was one for the books, with a record of over 2,600 alumni, friends, and families returning to campus. Together, we celebrated longstanding traditions and exciting new developments that will shape Rose-Hulman's future. Jeff Brugos, a devoted supporter from the Class of 1966, graciously funded an inspiring new sculpture, Aspirations, which now stands in our newly revitalized Root Quad. With enhanced accessibility and beautiful landscaping, the Quad is a fitting backdrop for a sculpture that embodies the spirit of innovation and possibility our students bring to campus each day. ([Read more on Page 19](#))

We also commemorated a landmark gift from Pete Fowler, a class of 1969 alumnus, and his wife Joane. Their generosity will further enhance our ability to deliver world-class STEM education, and in their honor, we named our new academic building (formerly known as the NAB) the Fowler Academic Building (or the FAB). This facility symbolizes our commitment to providing students and faculty with state-of-the-art resources to foster groundbreaking work. ([See Page 18](#))

Another pivotal moment was the groundbreaking of the \$102.3 million Innovation Grove project, a visionary district aimed at fostering entrepreneurship, health care advancement, and educational collaboration. This initiative was made possible in part through a \$30.5 million grant—the largest in Institute history—from Lilly Endowment Inc., as well as other



BY **ROBERT A. COONS**,
PRESIDENT

coons@rose-hulman.edu

“The investments in Innovation Grove reflect Rose-Hulman’s growing role as a national leader in innovation. At the groundbreaking, it was exhilarating to envision what Innovation Grove will bring to campus and beyond.”

“Whether through expanded opportunities for entrepreneurship and sustainability, strengthened global partnerships, or even more ambitious innovations on campus, the future is bright for our students and community.”

private philanthropic and government funding sources. The investments in Innovation Grove reflect Rose-Hulman’s growing role as a national leader in innovation. At the groundbreaking, it was exhilarating to envision what Innovation Grove will bring to campus and beyond ([See Pages 12-15](#)).

In celebration of these milestones, we also took great pride in Rose-Hulman’s continued recognition as a leader in undergraduate engineering education. Once again, *U.S. News & World Report* ranked us as the No. 1 undergraduate engineering institution in the nation, marking 26 years of this distinction. Meanwhile, The Princeton Review and *Wall Street Journal* both once again highlighted our career placement and student experiences among the top in their respective “Best Colleges” publications, underscoring our dedication to preparing students for success beyond graduation. ([See Page 22](#))

This season’s accomplishments culminated the Homecoming weekend with our first-ever Rose Gala, a black-tie celebration of our sesquicentennial year. Attended by nearly 600 hundred alumni, friends, and supporters, the Gala was a heartwarming tribute to 150 years of Rose-Hulman’s excellence in STEM education. Our guests enjoyed an unforgettable evening that captured the essence of our community’s strength and commitment.

Through events like these, we honor not only our history but also the generous supporters who help secure our bright future. ([See the Inside Cover Page and Page 1](#))

Looking ahead to the coming year, we remain focused on our long-term vision outlined in the Advancing by Design strategic plan. This framework will guide us forward, building on this year’s achievements and continuing to lead in STEM education with unwavering dedication. Whether through expanded opportunities for entrepreneurship and sustainability, strengthened global partnerships, or even more ambitious innovations on campus, the future is bright for our students and our community. ([See Page 3](#))

As the calendar year draws to a close, I extend my heartfelt gratitude to all who have contributed to our successes not only this year but over our past 150 remarkable years—our alumni, students, faculty, staff, and friends. Your support and engagement have made this journey truly remarkable. Together, we continue to make Rose-Hulman a place where dreams are realized, and excellence is the standard. I wish you a joyous holiday season and a wonderful start to 2025.



THE LAST 50 YEARS

INSTITUTE GROWS
INTO ELITE STEM
EDUCATION
LEADERSHIP ROLE

A 'VISION' REALIZED

STORY
BY
DALE
LONG

1974

2024



Visionary leadership, creative ideas, innovative programs, a student-centered campus culture, and millions in philanthropic support during the past 50 years set a course for Rose-Hulman to become a national leader in undergraduate science, engineering, and mathematics education. Along the way there have been No. 1 rankings among specialized accredited engineering colleges for the past 26 years, prestige from the *Wall Street Journal* and Princeton Review, and recognition from peers and several education organizations

Samuel F. Hulbert (HD, 2004) started the ascent shortly after arriving on campus on September 1, 1976, to start a 28-year tenure as president—the longest leadership term in the college's history. Growth from the previous 50 years had brought prosperity to campus: Applications for admissions had increased during the previous decade (from 663 to 2,120 annually), the percentage of first-year students in the top 20 percent of their graduating classes had increased (from 75% to 92%), corporate on-campus recruiting increased (from 306 to 543 companies), and the endowment increased considerably (from \$4.5 million to \$25 million).

Hulbert assessed that Rose-Hulman was poised for greatness but needed to address the forces facing engineering education. A Blueprint for Excellence study in 1977 made recommendations about the Institute's enrollment (including the push for coeducation), computer facilities, student housing, campus roads, and heating/cooling of all buildings.

HISTORICAL TIMELINE: 1974-PRESENT

JANUARY President Samuel F. Hulbert commissioned a self-study to examine every aspect of the Institute; goals developed included a new building with six classrooms, a residence hall, a chapel, a performing arts auditorium, a swimming pool, complete renovation of Moench Hall, expanded parking, improved road system, and increased financial resources.

JULY A \$4.75 million grant from the Olin Foundation supported the building of a new classroom/laboratory building, later named Olin Hall (dedicated in October, 1983). An additional fundraising campaign supported the addition of Hadley Hall for administrative and admissions offices that provided a link between Olin and Moench halls.



SPRING During a 17-day trip to Europe, Rose-Hulman became the first American college basketball team to play a game in the Soviet Union. The team experienced some travel mishaps along the journey. National media reported that the team was forced to make substitutions by shoe size during games.

MAY An eight-foot-tall steel sculpture that vividly displays a variety of steel shapes and connections was placed in a plaza north of Olin Hall to commemorate the contributions of former civil engineering professor Cecil T. Lobo, PhD.

SPRING Annexation by the Terre Haute City Council made Rose-Hulman officially a part of Terre Haute's city limits.

AUGUST The innovative Integrated First Year Curriculum in Science, Engineering, and Mathematics (IFYCSEM) challenged a select group of students to recognize the relationships between calculus, chemistry, physics, computer programming, introduction to design, and graphical communications by taking those first-year courses together, instead of being taught separately.

AUGUST Rose-Hulman established a global education program to provide select students with language skills and cultural awareness necessary for them to live and work in foreign countries. The Institute's East Asian Studies Program was among 11 U.S. colleges participating in National Science Foundation's Engineering Alliance for Global Education (EAGLE) initiative.

More than a decade later, Rose-Hulman's mission statement was revised with an ambitious goal: to provide the world's best undergraduate education in engineering and science by the year 2000. Board Chairman **John Titsworth** (BSME, 1948/HDENG, 1980) stated, "Rose-Hulman wants to be the model for undergraduate engineering and science education ... We realize the challenge we have undertaken. It will take sizable resources and effective planning to accomplish our goal."

In the winter of 1993, a 410-member Commission on the Future of Rose-Hulman reported to the Institute's Board of Managers the findings of 10 task force committees, including a wide spectrum of representatives within alumni, business and industry, higher education institutions and foundations, government, and faculty/staff members. Priority items became the guiding principles of a Vision to be the Best fundraising campaign. Areas of concentration included:

ACADEMICS: Proposed new approaches to learning, an increased emphasis on creativity, using computers to deliver analytical skills, expansion of co-curricular design activities, and expanding the focus on entrepreneurship; increasing computer-aided educational tools.

ADMISSIONS: Recommended going beyond traditional test scores, grade point average, and class standing in enrollment decision-making, and striving to provide financial aid that would meet "all demonstrated financial need of every admitted student"; a focus on improving diversity of the student body.

STUDENT LIFE: Improving the student campus experience and proposing a new performing arts

center, new athletics complex, new residence hall, and expansion of the student union.

DEVELOPMENT: A larger, restructured advancement staff to help provide the financial resources needed to meet any future annual and capital campaign fundraising goals.

The results were transformational.

In 1993, Rose-Hulman was selected to play a major role among seven U.S. colleges in a \$30 million National Science Foundation project to implement new ways to deliver engineering education nationwide, supported by a nearly \$5 million grant. Major goals were to improve the first two years of engineering and science education, implement latest instructional technology and techniques, develop programs and teaching methods to increase enrollment and retention of underrepresented minorities, emphasize cooperative learning, and ease the transition of students entering four-year engineering or science degree programs.

Four years later, the Institute was honored in Washington, D.C., with the prestigious Theodore Hesburgh Award for exceptional faculty development programs designed to enhance undergraduate teaching and learning.

And, in the fall of 1999, Rose-Hulman had attained the top spot among 132 specialized accredited engineering colleges in *U.S. News & World Report's* annual college guide. (A year later, each of the college's academic departments were ranked No. 1 in the first year in the annual survey of engineering deans and college presidents.)

Hulbert proudly marked the occasion with this statement: "This ranking is a great testimonial

(CONTINUED ON NEXT PAGE)



Mussallem Union

RECOUNTING HISTORY

(CONTINUED FROM PREVIOUS PAGE)



Personal attention has been an educational hallmark.

to the quality of our people and programs. It is proof that Rose-Hulman has earned a national reputation as an educational leader.”

Other campus leaders who assisted along the journey included Vice President of Academic Affairs **Jim Eifert**, PhD, Vice President of Development **Ronald Reeves** (BSEE, 1958/ MSENG, 1997), Deans of Admissions **Duncan Murdoch** and **Chuck Howard** (HDHL, 2005), Vice Presidents of Student Affairs **Jess Lucas**, PhD, and **Pete Gustafson**, and Vice President of Business & Finance **Tom Mason**, PhD, and Vice President of Planning A. **Thomas Roper**, PhD.

Significant educators included **Phillip Cornwell**, **Don Dekker** (ME, 1961), **Andy Mech**, **Don Morin**, **Bill Ovens**, **David Purdy**, **Don Richards**, **Bob Steinhauser** (ME, 1954/HDENG, 1998), and **Wayne Sanders**, mechanical engineering; **Frank Aker**, **Bruce Black**, **Cliff Grigg**, **Keith Hoover** (EE, 1971), **Dan Moore**, and **David Voltmer**, electrical and computer engineering; **Frank Young** and **Cary Laxer**, computer science and software engineering; **Cecil Lobo**, **Jim McKinney** and **Martin Thomas**, civil and environmental engineering; **Ron Artigue** and **Jerry Caskey**, chemical engineering; **Richard Ditteon** (PH, 1974), **Brij Khorana**, **Paul Mason**, **Michael Moloney** and **Art Western**, physics and optical engineering; **Herb Bailey**, **Elton Graves**, **Ralph Grimaldi**, **Jack Kinney**, **Roger Lautzenheiser**, **Al Schmidt**, and **Gary Sherman**, mathematics; **Bruce Allison** and **Dennis Lewis**, chemistry and biochemistry; and **Calvin Dyer**, **Louis Harmening**, **Peter Parshall**, **Bill Pickett**, and **Thad Smith**, humanities, social sciences, and the arts.

POSTER INVITES PROSPECTIVE STUDENTS TO ‘SKI TERRE HAUTE’

A promotional poster featuring a Rose-Hulman student skiing down the “slopes” of a snow-covered Indiana corn field in front of an old barn was introduced in the fall of 1979 to introduce Rose-Hulman to prospective students from throughout the country. The backside of the poster contained a variety of information, many of them humorous, about Rose-Hulman, Terre Haute, and Indiana.

“We were looking for ingenious and clever ways to introduce Rose-Hulman to a wider audience of prospective students, especially those away from our normal Midwest recruiting base,” says **Duncan Murdoch**, the dean of admissions in 1979 and mastermind of the poster project, along with Iowa-based designer **Richard Braley**.

The Ski Terre Haute poster has become a cherished item of alumni throughout the years and is still available for purchase in the Rose-Hulman bookstore.

Murdoch also developed admissions’ popular “You’ve Known It Since You Were a Kid” viewbook, featuring children playing with Tinkertoys and later Legos, and Operation Catapult brochure, featuring a variety of Rube Goldberg-themed contraptions.



Self-Made Man Sculpture

1991

OCTOBER Coeducation was on the horizon after the Board of Managers got the three-quarter majority vote necessary to allow female students to enroll, starting in the fall of 1995 (allowing all current students to graduate in an all-male environment). The four-year delay allowed the administration, faculty, and staff to lay the groundwork on campus for a smooth transition.

1993

FEBRUARY A 410-member Commission on the Future of Rose-Hulman made its final report to the Board of Managers after 10,000 hours of meetings over 18 months by 10 task force committees. Priority items became the guiding principles of the Vision to be the Best fundraising campaign. Areas of concentration included academics, admissions, student life, and development/fundraising.

1994

FALL The campus landscape grew by 69 acres after the acquisition of land north and northeast of the current campus. Work began to construct three large intramural fields on the property.

1995

MARCH Ground was broken on a \$10.9 million expansion of the Hulman Memorial Union, which brought new offices for student affairs and expanded career, health, and counseling services.

SPRING The Alfred R. Schmidt Bell Tower was added to the end of the front entranceway. The structure honored **Al Schmidt**, a 1949 alumnus who spent 46 years as a legendary mathematics professor and administrator.

Rose-Hulman unveils the Institute's website, www.rose-hulman.edu, to keep alumni, prospective students, and others informed about what's happening on campus.

JUNE The campus hosted the first overnight stop of Sunrayce 95, an Indianapolis-to-Golden, Colorado, solar car road race featuring Rose-Hulman's Solar Phantom and 39 other North American colleges. The campus also hosted the first overnight of Sunrayce 97 in June 1997. The Solar Phantom participated in races during the summers of 1990, 1993, 1999 (finishing third), and 2001.



AUGUST Classes began for the first coed freshman class that included 80 women. Eight members of a 1994 consortium group played a vital role in acclimating the coeds to all aspects of academic and student life.

FALL Rose-Hulman became one of the first undergraduate STEM colleges to require students to purchase laptop computers from the Institute.

MAY Beth (Knay) Brock became Rose-Hulman's first female undergraduate after transferring into the Institute and completing 66 credit hours in three academic quarters. She is the daughter of 1958 alumnus/trustee Crone Knay.

MARCH The last sporting event in Shook Fieldhouse was an 86-69 victory by the men's basketball team against Washington University of St. Louis in the first round of the NCAA Division III national tournament.



APRIL More than 350 engineering educators came to campus for the first Best Assessment Processes in Engineering Education Conference. They learned about new standards for engineering accreditation. The conference was repeated on campus in 1998 and 2001.

MAY Members of the inaugural female freshman class received their diplomas during Commencement. Chemistry/chemical engineering alumna Liza (Saunders) Davis received Heminway Gold Medal honors for having the Class of 1999's highest grade-point average.

JULY The Indianapolis Colts brought their preseason training camp to campus athletic facilities for the first of 11 summers, drawing crowds of fans and media attention to the college. During those 11 seasons, the team won one Super Bowl championship (2007) and played for another (2010).



COED SUPPORTS 'RENDEZVOUS WITH GREATNESS'

After several failed attempts, coeducation was on the horizon October 3, 1991, after the Board of Managers secured the three-quarter majority vote necessary to allow women students to enroll, starting in the fall of 1995 (allowing all current students to graduate in an all-male environment). President Hulbert stated, "I believe that Rose-Hulman is headed for a rendezvous with greatness." The four-year delay allowed the administration, faculty, and staff to lay the groundwork on campus for a smooth transition.

In the Fall of 1994, a consortium of 11 women students took classes on campus while living at nearby Indiana State University; eight students would eventually enter the college as sophomores and serve as Sophomore Advisors.

The first incoming class that included women students arrived on campus in late August of 1995 and four years later they received their diplomas during Commencement. Liza (Saunders) Davis (CHEM/CHE, 1999) earned Heminway Gold Medal honors for having the highest grade-point average among all students in the class.



LOYAL SUPPORTERS KEY TO GROWTH & INNOVATION

Rose-Hulman has been fortunate to receive considerable financial assistance from alumni, foundations, corporations, and other donors to support its many creative ideas to grow into a national STEM leader.

Lilly Endowment Inc.'s College and Community Collaboration initiative is paving the way for the Innovation Grove District on the Institute's South Campus (see pages 12-15). Earlier, the Indianapolis-based entity



Lilly Endowment Inc. Chairman/CEO N. Clay Robbins (middle) with former Rose-Hulman President Samuel F. Hulbert (left) and former Vice President of Academic Affairs James Eifert at the grant announcement establishing Rose-Hulman Ventures.

presented separate grants in 1999 and 2003 to create and support Rose-Hulman Ventures. Other support brought a new residence hall with resources and tutoring programs to improve retention in the important second year of STEM programs; created the Technology and Entrepreneurial Development Program; opened the AskRose helpline service that has Rose students providing free math and science homework assistance to youths in grades 6-12; and established the ESCALATE program, a living and learning community for entrepreneurial-minded students.

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RECOUNTING HISTORY

(CONTINUED FROM PREVIOUS PAGE)

Cover Story

Olin Advanced Learning Center



Olin Foundation provided a \$4.75 million grant in the summer of 1981 to support the building of a much-needed new classroom/laboratory building, later named Olin Hall. Eight advanced technology classrooms were added to form the Olin Advanced Learning Center through another \$3.2 million foundation grant in 1995.

U.S. Department of Energy approved a \$6.7 million grant to support the building of the John T. Myers Center for Technological Research with Industry, now called Myers Hall, that opened October 1999. The center created a model for project-based engineering and science education programs. It was named in honor of a longtime district U.S. congressman.



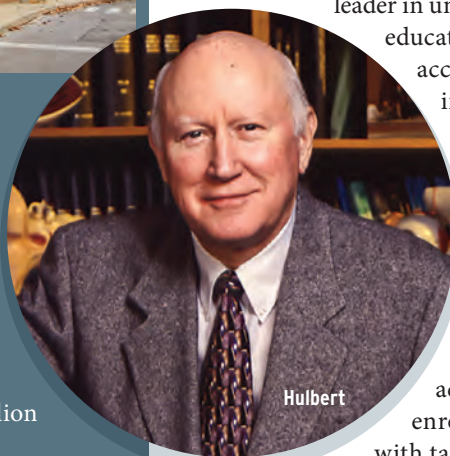
Mussallem Student Union



WHAT'S IN A NAME

You may be familiar with the institution and buildings bearing their names, but do you really know these influential people in Rose-Hulman history?

Samuel Hulbert During a 28-year tenure as president, from 1976 to 2004, Hulbert set a course for the Institute to become a national leader in undergraduate STEM education; his many accomplishments included making the transition to coeducation, several successful fundraising initiatives supporting the addition of buildings and academic programs, enrollment doubled with talented students coming from destinations



Hulbert

across the globe, and student retention and graduation rates became among the best of any engineering college in the nation. He also was a recognized authority and pioneer in the use of ceramics in the design of orthopedic and dental implants and prostheses.

Mike Mussallem For more than 40 years the 1974 chemical engineering alum helped bring health care innovations throughout the world as chairman/chief executive officer of Edwards Lifesciences from its inception in 2000 until his retirement in 2023. He and his wife, Linda, have been dedicated to helping Rose fulfill its mission through their



Mussallem

TIMELINE CONTINUED

1999

AUGUST 30 For the first time, Rose-Hulman is listed No. 1 among specialized accredited engineering colleges in *U.S. News & World Report's* annual college guide.

SEPTEMBER A \$29.7 million Lilly Endowment Inc. grant created Rose-Hulman Ventures. A follow-up \$24.9 million endowment grant in 2003 further expanded Venture's operations and outreach.

2001

OCTOBER The White Chapel brought beauty to the west end of campus. The building was named for 1974 alumnus **John R. White** and his wife, Elizabeth, who supported the project. Other members of the White family have also supported Rose-Hulman throughout the years.



2002

SEPTEMBER The Flame of the Millennium Sculpture is placed on campus after being moved from its original location near downtown Chicago. The 25-foot-tall stainless steel artwork was donated by 1969 alumnus **Glen Raque** and his wife, Barbara.

NOVEMBER Hatfield Hall opened with a special concert featuring the Terre Haute Symphony Orchestra and student performing arts groups. The building was supported by 1984 alumnus and emeriti trustee **Mike Hatfield** and his wife, Deborah, and named on behalf of Mike's parents Larry and Pat Hatfield.

2004

JUNE 30 The 10-year Vision to be the Best fundraising campaign far exceeded its original goal by raising \$253 million in cash gifts and future commitments.

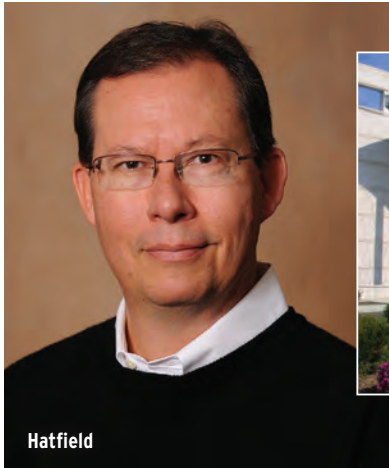
2010

FEBRUARY The Next Decade of Innovation Gala brought together alumni, business and government officials, and the campus community in downtown Indianapolis.

2012

APRIL 3 Six faculty were featured among America's best 300 undergraduate professors by *The Princeton Review*. Profiled were Phillip Cornwell, PhD, mechanical engineering; Diane Evans, PhD, mathematics; Elton Graves, DA, mathematics; Yosi Shibberu, PhD, mathematics; alumnus **Rick Stamper**, PhD, mechanical engineering; and William Weiner, PhD, biology and biomedical engineering.





Hatfield



Hatfield Hall

SPRING An expanded Micro-Nano Device and Systems (MINDS) laboratory within Myers Hall has allowed students to complete a variety of micro and nano technology-related projects.

JANUARY 6 Rose-Hulman received the 2015 Best In Class award among Kern Entrepreneurial Engineering Network (KEEN) institutions for producing graduates with an "entrepreneurial mindset," characterized by exercising curiosity, seeking connections, and creative value.

MARCH A one-of-its-kind McLaren P1 hypercar owned by 1969 alumnus **G. Felda Hardyman**, brought in a world record \$2.39 million price in an auction that endowed the Alfred R. Schmidt Chair for Excellence in Teaching, named for the 1949 alumnus who served 46 years on the Institute's mathematics faculty.

AUGUST Rose-Hulman's footprint expanded with the acquisition of approximately 1,100 acres of land on the Hulman Farm property just south of campus.

NOVEMBER 18 A new Rose Squared program was offered, combining bachelor's and master's degree pairing to allow students to use eligible credits earned before attending Rose to obtain two degrees in just four years at no additional cost.

AUGUST A new 70,000-square-foot academic building was opened with its state-of-the-art design studios, collaborative workspaces and science labs, and flexible classrooms. A Depth of Field artwork, underwritten by alumnus/trustee **Tom Dinkel** and his wife, Susie, is a focal point of the atrium.

MARCH 7th Brigade battalion later Department of Defense's Partner Institution Excellence Award, 2021-22 school year.

APRIL A special campus Sesquicentennial Celebration had students, faculty, and staff commemorating Rose-Hulman's 150-year legacy while also ushering in the next chapter of the Institute's future through the launch of the *Advancing by Design* Strategic Plan.

continued support. Their philanthropic gifts have helped transform the Mussallem Student Union, led to the development of the Pi-Vilion, and most recently established a scholarship fund to support northwest Indiana and Chicagoland students.

Mike Hatfield An entrepreneurial spirit has led the 1974 electrical engineering alum to found successful startups and give back to Rose as an emeriti trustee and supporter of several campus initiatives. His many ventures have impacted health care technology, optical networking, and communication systems. Mike and his wife, Deborah, covered the costs of constructing the campus' theater and alumni center, named in honor of Mike's parents, Larry and Pat. Mike also supported the establishment of the Office of Learning & Technology.

Niles Noblitt Using skills from his 1973 biological engineering degree, Niles became a biomedical technology pioneer as co-founder of Biomet Inc., a medical device manufacturer named among the nation's top 10 producers of orthopedic devices. In retirement, he has helped assist the Institute as a trustee, including five years as chair. Niles and his wife, Nancy, sponsored student scholarships, and expanded leadership and community service opportunities through the



Noblitt

Noblitt Scholars program, allowing high-achieving students to earn Rose degrees.

John Mutchner

Known as an innovator as a coach and athletic director, Mutchner led the Fightin' Engineers to success on the basketball court and baseball diamond and supported the expansion of Rose's athletic program as athletic director; his basketball teams had a 341-295 record in 25 seasons and made four postseason appearances in a span of five seasons, advancing to the semifinal round of the 1977 national tournament. He was an early advocate of global education, taking his teams on several overseas trips, including the first trip by a U.S. college team to Russia. ■

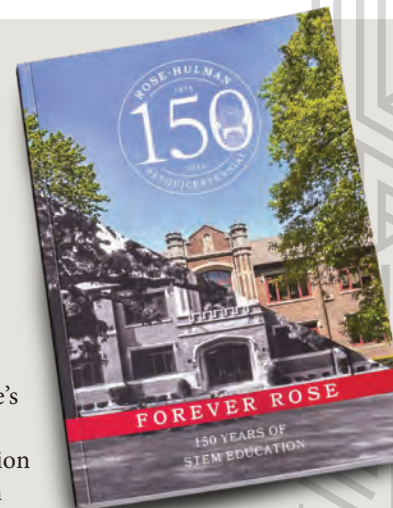


Mutchner

BOOK RECOUNTS 150 YEARS OF ACHIEVEMENTS

"Forever Rose: 150 Years of STEM Education," a commemorative book recounting significant milestones from the Institute's storied history serves as a tribute to the past, a reflection of the present, and a beacon lighting the way to the future.

The book is available for purchase at rose-hulman.edu/150Book



Learn more about significant milestones in Rose-Hulman's 150-year history at rose-hulman.edu/150

\$102M INNOVATION DISTRICT

TO BOOST ENTREPRENEURSHIP, EDUCATION, AND HEALTH CARE

Construction is underway for a new entrepreneurial district that will serve as a vibrant hub for entrepreneurship and technological advancement, expand educational opportunities for students, enhance local health care services, and bring the potential for economic growth to the Wabash Valley.

Set to open in 2026 on Rose-Hulman's South Campus/former Hulman Farm property, this signature component of the recently announced \$102.3 million Trails to Innovation project will be a forward-thinking space where education, engineering, science, and industry converge to shape the future. (See details on aspects of the district on next page.)

"We're excited to begin realizing aspects of our *Advancing by Design* strategic plan," says President **Robert A. Coons**. "This is a monumental occasion for Rose-Hulman that will greatly benefit our students, employees, and alumni, while further strengthening the bond we have enjoyed



"The Innovation Grove District will provide our students with unparalleled opportunities for hands-on learning, collaboration with industry leaders, and real-world experience in entrepreneurship and technological innovation, preparing them to tackle the challenges of tomorrow."

– **Robert A. Coons** | Rose-Hulman President



INNOVATION GROVE
ROSE-HULMAN



Inside the Innovation Grove District

ROSE-HULMAN VENTURES

A 35,000-square-foot building that will be the new home to the engineering consulting and technology design and development firm that has existed for over two decades on the Institute's South Campus.

This state-of-the-art space will also house:

STEM and Robotics Education Programs:

In collaboration with Vigo County School Corporation.

Sawmill Society: Dedicated spaces for Rose-Hulman's network of entrepreneurial alumni and supporters to mentor and collaborate with emerging innovators.

SURGICAL CENTER FOR HIP AND KNEE REPLACEMENTS

A 40,000-square-foot surgery center and medical office, adjacent to the main Innovation Grove building, in partnership with Union Health and Indiana Joint Replacement Institute. The two-story facility, specializing in hip and knee replacements, will have up to four operating rooms, 14 recovery beds, X-ray, physical therapy, and approximately 20-24 exam rooms.

5-MEGAWATT SOLAR FARM

This renewable energy source will significantly reduce the district's carbon footprint while promoting clean energy practices on campus.

INNOVATION TRAILS

Designed to encourage healthy and active lifestyles within the Rose-Hulman and local communities. This trail will connect to the broader Wabash Valley trail system, offering scenic routes for walking, running, and biking.



The Innovation Grove District will include two buildings for Rose-Hulman Ventures and an Indiana Joint Replacement Institute medical facility (in partnership with Union Health) and a connection to Terre Haute's trail system (with a bridge extending from campus to the Hulman Farm property).

for the past 150 years with Terre Haute and the Wabash Valley. The Innovation Grove District will provide our students with unparalleled opportunities for hands-on learning, collaboration with industry leaders, and real-world experience in entrepreneurship and technological innovation, preparing them to tackle the challenges of tomorrow."

Coons adds, "We're not only laying the foundation for new buildings; we are establishing the bedrock for future partnerships, trailblazing discoveries, and remarkable achievements that will leave an indelible mark on both Rose-Hulman and the greater Wabash Valley. It is truly improving the 'quality of place' in our community."

This fall's groundbreaking event that helped kick off this year's Homecoming activities attracted national, state, and local dignitaries, Board of Trustees members, alumni, faculty, and staff.



(CONTINUED ON NEXT PAGE)



Project Has Broad Philanthropic, Federal, State, and Community Support

The Trails to Innovation project has been backed by generous philanthropic support through the following sources:

Lilly Endowment Inc.: A \$30.5 million grant—the largest single contribution in the Institute’s history—through the endowment’s College and Community Collaboration (CCC) initiative, launched in early 2023 to encourage Indiana’s colleges and universities to work closely with community stakeholders to envision and jointly undertake significant community development efforts to create more vibrant places in which to live, learn, work and play. Rose-Hulman was one of 13 Indiana higher education institutions receiving CCC grants in August of 2024.

U.S. Department of Commerce’s Economic Development Administration: A \$2.2 million grant to support construction expenses for new facilities expanding Rose-Hulman Ventures and its outreach to providing engineering and technology expertise to local businesses while connecting Rose-Hulman students with real-world work opportunities that enhance their careers.

Indiana’s Regional Economic Acceleration and Development Initiative: \$4.3 million in two allocations through Indiana Gov. Eric Holcomb’s READI program, part of the governor’s Next Level Agenda and approved by the Indiana General Assembly. The Wabash Valley Regional Development Authority chose Innovation Grove as a priority project for READI funding due to its potential to significantly impact the local economy and foster innovation in the region, according to Jon Ford, Wabash Valley RDA chair.

Vigo County Council and Terre Haute City Council: Each local governmental body provided Rose-Hulman with resource allocations through the American Rescue Plan Act (ARPA).

Special guests of these entities and others attending the Innovation Grove groundbreaking ceremony were **Greg Goode**, a West-Central State Senator and Sen. Young’s State Director; **Ian Ward**, from the Indiana Economic Development Corporation; **Jon Ford**, president of the Wabash River Regional Development Authority; Terre Haute Mayor **Brandon Sakbun**; Vigo County School Corporation Superintendent **Chris Himsel**; Vigo County Commissioners; members of the Terre Haute City and County Councils; and representatives from the Terre Haute Chamber of Commerce and Thrive West Central Indiana.

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“Innovation Grove will create more opportunities for students to build careers in our state and drive economic growth throughout the Wabash Valley.”

– **Todd Young** | U.S. Senator



“For 150 years, Rose-Hulman has been at the cutting edge of technology, ranking among the best engineering schools in the country, and producing some of our brightest minds. Innovation Grove will create more opportunities for students to build careers in our state and drive economic growth throughout the Wabash Valley,” says U.S. Senator **Todd Young**, a loyal supporter of the Innovation Grove effort.

Partners on the Surgical Center for Hip and Knee Replacements aspect of

the project have been Union Health and Indiana Joint Replacement Institute, led by Chief Executive Officer **Dr. Michael Meneghini**, MD, a 1995 civil engineering alumnus. Vigo County School Corporation Superintendent **Chris Himsel**, PhD, also joined with Terre Haute and Vigo County government officials in supporting the project.

“This (Rose-Hulman/Union Health/IJRI) partnership is set up to be one of the most exciting and successful in the Midwest,” states Union Health President and Chief Executive Officer **Steve Holman**. “This collaboration



“Innovation Grove exemplifies Rose-Hulman’s commitment to preparing us for the future.”

– **Amelia Hoffman**
Biomedical Engineering Senior



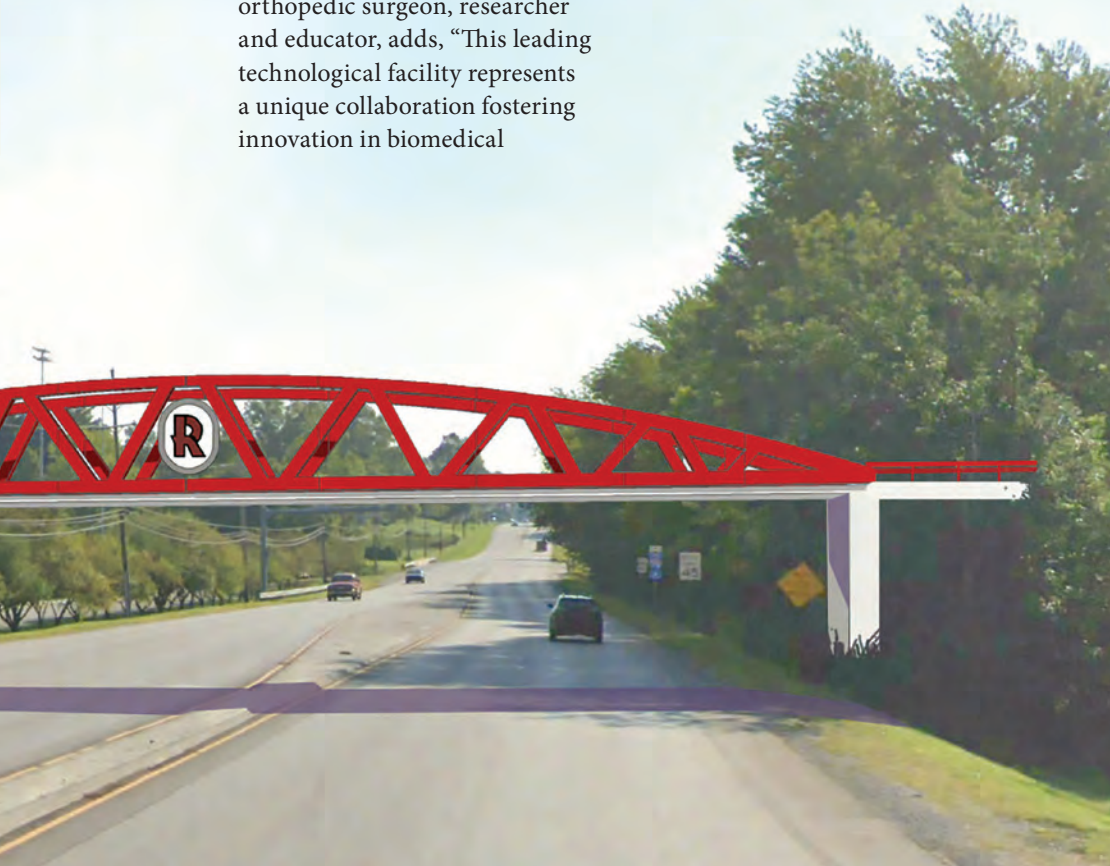


Campus officials joined national, state, and community leaders in breaking ground on the Innovation Grove District this fall. This is a collaborative effort to enhance the Institute and Wabash Valley.

will drive new technological advancements in the health care industry, provide hands-on experience for students and bring patients from all over the country to Terre Haute for orthopedic joint replacement surgeries.”

Meneghini, an internationally recognized and award-winning orthopedic surgeon, researcher and educator, adds, “This leading technological facility represents a unique collaboration fostering innovation in biomedical

engineering education, research and development of the highest quality for patient care in hip and knee joint replacement. This unique facility will not only attract students, industry partners, engineers, surgeons, and patients to experience the latest advancements, it will inspire future health care professionals for decades to come.” ■



COMING ATTRACTIONS

Surgery Center to Provide Unique Learning Experiences

The Innovation Grove District will provide students and faculty members with real-world experience in biomedical device development, providing a unique environment to foster innovation and research in the field and promote the highest quality patient care.

For biomedical engineering students like senior Amelia Hoffman, the new Ambulatory Surgery Center will offer an unparalleled opportunity to immerse ourselves in clinical settings on campus.

“We will have the privilege of observing the design process unfold in real-time, applying our classroom knowledge, and gaining invaluable insights from medical professionals and patients alike,” Hoffman says. “This seamless connection between our academic pursuits and practical applications will bridge the gap between theory and practice in a way few other programs can offer.”

She adds, “It is exciting to know that the resources we need to excel—be it in engineering, entrepreneurship, or health care—will be at our fingertips. Innovation Grove exemplifies Rose-Hulman’s commitment to preparing us for the future, and I eagerly anticipate the groundbreaking work that my peers and future students will accomplish within these walls.”

Coons also noted that the recent Innovation Grove’s supporting Lilly Endowment Inc. grant assists in allowing Rose-Hulman faculty to partner with Stanford University’s Byers Center for Biodesign, piloting an exciting program to teach innovation in areas of engineering and science.



“This leading technological facility represents a unique collaboration fostering innovation in biomedical engineering education, research and development of the highest quality for patient care in hip and knee joint replacement.”

— Dr. Michael Meneghini, MD (CE, 1995)
Indiana Joint Replacement Institute CEO

Innovative Ideas

Nothing Ventured, Nothing Earned

Rose-Hulman Ventures Creates, Innovates, and Delivers for Clients

GREAT IDEAS
ARE AT THE HEART
OF INNOVATION.

For more than 20 years, Rose-Hulman Ventures' team of highly experienced engineers, software developers and designers, supported by creative and skilled student interns from the nation's top STEM college, has specialized in the "innovation space" while ushering in new ideas from start to finish and discovering the best solutions along the way for clients ranging from individual entrepreneurs to Fortune 500 corporations.

Any given project may require some level of mechanical engineering, a spark of electrical engineering, an element of software engineering, perhaps some chemical engineering. For a big company, that diversity of expertise may all be on-staff, but that is often well beyond the capabilities of a smaller enterprise.

A CAN-DO ATTITUDE WITH EVERY PROJECT

"It's not often you can go out and find a group that has the multidisciplinary skills we need across the board, so they can talk our language and what we want to do," says Mike Carrabba, PhD, vice president for strategy

and innovation at Droplet Measurement Technologies. The Colorado-based company found the technology assistance it needed at Rose-Hulman Ventures.

In 2020, Droplet Measurement Technologies acquired a line of LiDAR technology for atmospheric monitoring from another corporation. The problem: the technology's older software complicated any effort to make revisions and improvements.

The expertise available at Ventures was up to the challenge. "The end result was breathing new life into software we thought we were going to have to completely scrap," Carrabba says. "It's exactly what we need—state-of-the-art technology and people trained in state-of-the-art technology, and they are right on it. How [Ventures staff] work with us is ideal and perfect."

PIERCE AEROSPACE PARTNERSHIP TAKES FLIGHT

While the Kansas City Chiefs were defeating the Philadelphia Eagles in Super Bowl LVII in February 2023, Pierce Aerospace's Remote ID drones were flying high to secure the stadium's airspace for the big game. This was the first time a Remote ID was used in operational support of a national special security event.

Pierce Aerospace is an Indianapolis-based startup that develops world-leading Remote ID solutions for unmanned aircraft systems and low-altitude airspace monitoring sensors and services. For the Super Bowl, the company worked with the Department of Homeland Security and other federal, state, and local agencies to deploy its Bluebird Remote ID receivers and B1 Remote ID beacons around State Farm Stadium.

Over the course of two years, 20 student interns and Ventures Engineering Managers **Sandor Pethes**

ROSE-HULMAN
Ventures
DESIGN · DEVELOP · DELIVER

ROSE-HULMAN VENTURES WILL BE MOVING TO BECOME A FEATURED ELEMENT OF THE INNOVATION GROVE DISTRICT





Engineering managers, faculty, and student interns help Rose-Hulman Ventures' client partners turn great ideas into game-changing reality. They especially excel at projects that let them imagine and create innovative solutions while overcoming difficult challenges.

and **Jonathan Labayo**, both 2002 alumni, worked in coordination with the Pierce team, including Chief Technology Officer **Gary Bullock**, a 1975 electrical engineering graduate. They used hardware, firmware, and software development to develop Remote ID beacons and related components for unmanned aerial vehicles that holds industry leading performance capabilities.

"This was the first time Remote ID was used in such a large public event," remarks Aaron Pierce, the company's chief executive officer and co-founder. "Nearly 73,000 fans were inside that stadium. All with cell phones and other WiFi and Bluetooth emitting devices, many of whom were streaming or uploading photos and video during the halftime show ... Our engineers successfully detected and tracked our Remote ID beacons with phones inside the stadium during this high-noise floor event."

'DEEP BENCH' HAS SKILLS TO MEET MANY NEEDS

Ventures has a "deep bench" with a broad range of expertise available to help many clients, says Senior Director **Brian Dougherty**, a 1993 electrical engineering alum. Once a problem is defined, the path toward a solution begins to take shape. In some

cases, the most cost-effective answer is to turn the problem over to a student team. Other cases might require insights from a broad range of disciplines among faculty members or the Rose-Hulman Ventures staff itself.

Dougherty points to one biomedical client that has worked with Ventures on a product to measure a patient's total blood volume and other metrics. "Their problems for us involved a lot of mechanical engineering and a lot of optical engineering, a lot of electronics development and a lot of software development," he says. "Those are four very separate disciplines and you don't often find somebody very good at two of those, let alone four of them."

With that kind of need, a company can hire multiple engineers. Or, Ventures can tackle the problem for roughly the cost of one of those experts. "For the price of one full-time employee, you get access to a really broad experience base within our full-time staff and access to faculty on campus and their deep pockets of expertise, plus 2,200 of the brightest young minds in the world. We can quickly configure our team to tackle the project of the day." ■

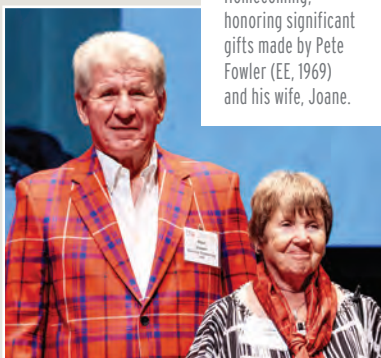


Learn more about how Ventures can help your company or contribute to your startup enterprise at rhventures.org

Fowlers' Gift Enhancing STEM Education on Campus



The Fowler Academic Building name was unveiled during Homecoming, honoring significant gifts made by Pete Fowler (EE, 1969) and his wife, Joane.



A multimillion-dollar cash and estate gift from 1969 electrical engineering alumnus **Pete Fowler** and his wife, Joane, is leaving a lasting impact on the campus community. In recognition of their generosity, the Institute's newest academic building has been named the Fowler Academic Building (FAB).

This extraordinary contribution—one of the largest gifts in Rose's recent history—reflects the Fowlers' enduring commitment to advancing education and supporting the next generation of engineers, scientists, and innovators.

The unveiling of the building's new name was part of recent Homecoming festivities, when Pete celebrated his 55-year class reunion.

"Rose-Hulman has been instrumental in shaping my personal and professional journeys, and education holds a deep significance for Joane and me," says Pete Fowler. "We are honored to have our family's name associated with an academic building where future STEM leaders will be nurtured and inspired. Supporting Rose-Hulman's mission is a commitment to the long-term success of the institution and the countless students who will follow in my footsteps."

Pete Fowler built a successful career in sales and marketing for semiconductor startups, choosing innovation over the stability of larger companies.

His entrepreneurial spirit contributed to the growth of notable firms like Texas Instruments and led to the acquisition of others by major players such as Qualcomm and Rockwell. As a co-founder and executive vice president of sales and marketing at Silanna Semiconductor, Pete played a pivotal role not only in marketing and with customers but also in product definition, where he is listed as co-inventor on nine patents.

Joane Fowler made her mark in education, teaching math at the junior and senior high school levels during a 44-year career, influencing the lives of more than 5,000 students.

"The Fowlers' philanthropy to Rose-Hulman serves as an inspiring spark, transforming generosity into lasting impact," says Vice President for Institutional Advancement Steve Brady. "The Fowler Academic Building stands as a lasting tribute to their support and the profound influence of philanthropy at Rose-Hulman."

Opened in 2021, the 70,000-square-foot building houses various facilities, including design, fabrication, and rapid prototyping areas for the Engineering Design program and other academic disciplines. It also features classrooms, state-of-the-art chemistry and biochemistry labs, a food science research lab, and student-faculty workspaces. ■



'Aspirations' Sculpture Inspiring Innovation and Creativity in Renovated Root Quad

A dazzling 9-foot-tall Aspirations steel sculpture donated by 1966 electrical engineering alumnus **Jeff Brugos** is inspiring creativity and innovation as a focal point of the renovated Root Quad, a main campus thoroughfare.

"My lifelong love of art has always been a source of inspiration, much like my time at Rose-Hulman," says Brugos as the sculpture was unveiled during this year's Homecoming weekend. "Rose-Hulman is a transformational place. The education and experiences I gained here profoundly shaped my career and personal life. It feels only right to show my appreciation by contributing this sculpture to a place that has meant so much to me."

Adorned on top of a concrete base, Aspirations highlights the endearing properties of stainless steel and invokes the viewer's imagination for inspiration or great healing and thoughtfulness, according to its creator, Scottsdale, Arizona-based artist Ryan Schmidt.

"Jeff's donation of the Aspirations sculpture has brought new life and splendor to a signature campus landmark," remarks President **Robert A. Coons**. He notes that the quad was originally dedicated on October 8, 1986, after businessman Chapman Root and his wife, Susan, made a significant donation to support a campus academic building renovation project.

The renovated Root Quad has improved convenience, accessibility, and resourcefulness. New sidewalks have provided flat, accessible pathways to campus buildings. There's also new seating along a central pathway, new concourses near entrances to Moench Hall, Hadley Hall, and Logan Library, and additional lighting, trees, and landscaping throughout the area.

Brugos has over 40 years of experience leading high-tech industries, including those specializing in electrical components, semiconductors, and communications. He served as vice president of business development with Oracle. Other executive positions he held include senior vice president and general manager with i2 Technologies and partner with PricewaterhouseCoopers, where he led numerous consulting business units, including some globally.

Shaping Tomorrow's Innovators: School Year Opens with Record Enrollment

The 2024-25 academic year started with a record enrollment of **2,325 students**, a 3.6% increase from the previous year. Along with an anticipated 91% retention rate of returning students, the nationally ranked undergraduate STEM college welcomed a fall class of more than **620 new students**—a milestone achieved only four times in its 150-year history.

Rose-Hulman's previous enrollment record was 2,316 for the 2014-15 and 2015-16 school years.

The incoming first-year class brought a record of academic excellence.



KEY ATTRIBUTES OF THE CLASS ARE:

MEDIAN HIGH SCHOOL GPA OF

4.04

STUDENTS COME FROM

44

STATES AND

20

COUNTRIES
— A RECORD —

25%

OF THIS CLASS ARE WOMEN

11%

ARE INTERNATIONAL STUDENTS

45

STUDENTS REPORTED A PERFECT SAT/ACT MATH ENTRANCE TEST SCORE

24%

ARE EITHER FIRST-GENERATION ATTENDEES AND/OR PELL GRANT RECIPIENTS

26%

ARE RACIALLY DIVERSE

Engineering Design Program Earns ABET Innovation Award

The groundbreaking Engineering Design academic program has received the prestigious Innovation Award from the national ABET accreditation organization. This honor and its \$10,000 prize recognize programs that have brought new dimensions to improve students' technical educational experience.

Started in 2018, the Engineering Design program was created to provide students with skills to be perfectly suited for today's rapidly changing, global job market. Students gain critical communication skills, a global perspective, and a comprehensive engineering education while tackling design challenges for real-world clients in six different design studios, beginning as early as the first academic quarter.

The program earned accreditation status for meeting quality standards from ABET's Engineering Accreditation Commission in 2023. Program graduates have gone on to work in industry, have started their own entrepreneurial enterprises, and are attending graduate schools throughout the country.



Trustee Chair Carl Cook Inducted into Indiana Academy

Board of Trustees Chair, business leader, and philanthropist **Carl Cook**, (HDENG, 2015), CEO of Cook Group, was inducted into the prestigious Indiana Academy, recognizing his lifetime of achievement and significant contributions to the state of Indiana and Rose-Hulman.

The Indiana Academy promotes the advancement of Indiana through the Academy's support of the Independent Colleges of Indiana, Inc., and its member institutions. Academy membership highlights people who live in or are from the state who have demonstrated exceptional leadership in philanthropy, business, public service, advancement of the sciences, the arts, literature, culture, and scholarship in connection with Indiana's independent non-profit colleges and universities.

Cook's commitment to improving the lives of others and making a difference in Indiana follows in the footsteps of his late father, William Alfred Cook, a pioneer in the biosciences and biomedical device fields. He has been Chair of Rose-Hulman's Board of Trustees since 2023 and a trustee since 2009. He has supported a range of Institute initiatives, including the Endowed Faculty Chair for Innovation in Science, Engineering, and Mathematics Education and the enhancement of academic facilities that foster innovation in education.

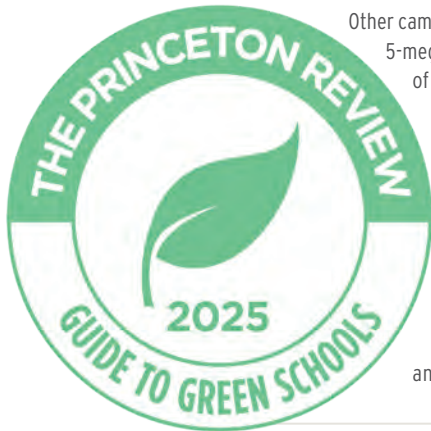


Carl Cook

Continued Sustainability Efforts Bring 'Green' Colleges Listing

A commitment to a sustainable and healthy campus environment for students, faculty, and staff have had Rose-Hulman being recognized as one of America's top "Green" colleges for the third straight year in the Princeton Review's Guide to Green Colleges. The listing came after college administrators and students were surveyed about their institutions' programs, policies, and practices related to sustainability and the environment. More than 25 data points were analyzed in the selection of schools for the guide.

Infusing sustainability into the Institute's education and culture is a key theme of the "Advancing by Design" strategic plan, preparing students to become engineers, scientists, and mathematicians able to address complex global problems like climate change.



Other campus sustainable initiatives include a 5-megawatt solar farm that will be part of the new Innovation Grove District and the renamed Fowler Academic Building becoming Indiana's first building to earn full WELL Certification. Also, renovations to Moench Hall improved energy efficiencies and other campus buildings are being designed or redesigned with an emphasis on sustainability, energy efficiency, and safety.

Athletics Hosts DIII XC National Meet This Fall, Selected for '27 Event

Rose-Hulman and Terre Haute's "Cross Country Town USA" hosted the NCAA Division III men's and women's cross country national championships this fall, with 122 teams and more than 550 student-athletes competing, and has been selected to host the event again in November 2027.

The LaVern Gibson Championship Course in Vigo County has served as the site for 12 NCAA Division I Championships and two NCAA DIII Championships since 2002.

This year's national championships were the eighth DIII national championship event that Rose-Hulman has hosted.

Men's Soccer Captures Regular Season Title:

An undefeated record (8-0-1) in league matches gave the men's soccer team its 11th Heartland Collegiate Athletic Conference (HCAC) regular season title and fifth in the last six years. The team posted shutouts in six of its eight league wins.

Men's Cross Country Team Races to HCAC Title:

With three of the top five finishers, the men's cross country team captured the HCAC championship—its seventh conference title in the last 12 years. Head Coach Derick Lawrence earned Coach of the Year honors.

Coons Once Again Featured Among Indiana's Most Influential Leaders

For the second straight year, President **Robert A. Coons** was recognized among Indiana's 250 most influential and impactful leaders across business, education, government, philanthropy, the arts, and not-for-profit organizations for making a difference within the state. The list was compiled by the executives, editors, and newsroom staffs at IBJ Media's three news brands—*Indianapolis Business Journal*, *Inside Indiana Business*, and *Indiana Lawyer*—after a process that included reviewing nominations, researching Indiana organizations, and talking with community leaders across the state.

"We believe the people on the Indiana 250 list are especially worthy of distinction. They are thinking big and driving change," said IBJ Media CEO Nate Feltman in a news release announcing this year's honorees. "Creating this list is always inspiring because the people on it have so much passion for our communities and our state."

Coons, the Institute's 16th President, has provided experience and leadership that have helped guide the nation's No. 1-ranked undergraduate engineering college to success and a celebration of its 150th anniversary.

Research Fellows Allowing More Students to Explore STEM Interests

The Rose Research Fellows program has built off its first-year successes with another group of first- and second-year students exploring their research interests in a variety of STEM topics during the 2024-25 academic year. This year's 18 Rose Research Fellows is a slight increase from the 15 students that completed projects during the program's inaugural 2023-24 school year.

Research projects completed last year included topics within machine learning, optical engineering, renewable energy, robotics, data science, astronomy, biomaterials, biomimicry, and mathematical modeling.

Participating students were enrolled in a course this fall that introduced them to the fundamentals of research and they identify a research topic that will be completed during the rest of the school year. They also get opportunities to attend virtual speaker events with Rose-Hulman alumni and other guests. Students then showcase their projects in a final formal presentation to the campus community at the end of the school year.



Learn more about the program at rose-hulman.edu/researchfellows



#1
For 26
YEARS
ROSE-HULMAN



Academic Quality, Value, Facilities & Career Placement Get High Marks in National Rankings

The quality and value of academic programs, facilities, and career preparedness earned the Institute continued recognition as the No. 1 ranked undergraduate science, engineering, and mathematics college in the 2025 *U.S. News & World Report's* Best Colleges Guide—for the 26th straight year.

Electrical engineering and mechanical engineering also earned No. 1 academic department rankings, civil engineering and computer engineering programs were both ranked No. 2, and computer science ranked among the top 10% of the nation's undergraduate programs.

Rose-Hulman also was featured in the *Wall Street Journal's* Top 100 Best Colleges in America for the second straight year and recognized among the top 20 in the Princeton Review's Best 390 Colleges again in the following areas: internships, career services and career placement, science lab facilities, and student support and counseling services. The *Wall Street Journal* also recognized Rose-Hulman in the top 10 nationally for career preparation and as a recommended college by current students and recent alumni.

Student Team Gets Keys to Battery Workforce Challenge Electric Vehicle

A team of students that have designed, built, and tested an advanced battery pack are now preparing to integrate their project into a new 2024 Ram ProMaster electric van during the next phase of the Battery Workforce Challenge. Rose-Hulman and Terre Haute's Ivy Tech Community College students are among 12 North American teams working with industry experts to tackle one of the most relevant real-world engineering challenges facing the automotive industry. The challenge is a public-private partnership between the U.S. Department of Energy, Stellantis, and Argonne National Laboratory.

The 2024 Ram ProMaster EV is designed specifically for electrification with a unibody design that efficiently incorporates the production battery pack. Useful as a commercial work van, this application serves as an exciting opportunity for students to design batteries for bigger vehicles.

The challenge started in 2023 and has had Rose-Hulman team leaders meeting periodically to continue their electric vehicle learning journey by meeting with EV experts. The competition will end in 2026.



Stamper Shifts into New Advisory Role; Ahmed Named Interim Provost

After five-and-a-half years in a key leadership role as the Institute's Provost and Vice President for Academic Affairs, **Rick Stamper** (ME, 1985), PhD, has stepped into a new role as the Principal Investigator of Lilly Endowment Inc.'s \$30.5 million College and Community Collaboration grant that launched the Trails to Innovation project, starting on December 2.

"Dr. Stamper has done an amazing job in this role during one of the most challenging times in the Institute's modern history," says President **Robert Coons**. "Stepping into the role in the summer of 2019, none of us could have predicted how a world-wide pandemic would dramatically impact every aspect of our lives for the next few years. Rick's leadership during that period and his contributions were critical to our successful navigation of that time and we are incredibly grateful for that."

Jameel Ahmed, PhD, Professor of Biology and Biomedical Engineering, will serve as Interim Provost and Vice-President for Academic Affairs until a new Provost begins following the 2024-25 school year. He brings a wealth of experience and expertise to the role, including specifically serving as Head of the Department of Biology and Biomedical Engineering for nine years and as Interim Dean of Faculty for two years.

Stamper will continue to be the primary facilitator for the Institute's *Advancing by Design* strategic plan until the new non-interim Provost begins.



Stamper



Ahmed

OTHER FACULTY NEWS



Berry



Momenipour



Tarrant



Downing

- Lawrence J. Giacometto Endowed Chair and Professor of Electrical and Computer Engineering **Carlotta Berry**, PhD, was cited on Forbes' 2024 "50 Over 50" list of inventors, scientists, and STEM superstars. This highlights her robotics expertise, foundation of the NoireSTEMinist educational consulting firm, and passion to promote diversity in STEM through workshops and educational products.
- Assistant Professor of Engineering Management **Amir Momenipour**, PhD, has been named an Engineering Unleashed Fellow by the national Kern Family Foundation. He is teaching students the leading-edge technology knowledge and skills in industrial and systems engineering to make a difference in a rapidly changing world.
- Endowed Chair for Innovation in Science, Engineering, and Mathematics Education and Associate Professor of Mathematics **Wayne Tarrant**, PhD, and Associate Dean of Lifelong Learning and Head of the Department of Engineering Management and Professor **Craig Downing**, PhD, took 80 mathematical books this fall to the African Institute of Mathematical Sciences' campus in Kigali, Rwanda.

RETIREMENTS

Recent faculty and staff retirements were **Larry Cole**, former head track and cross country coach; **Frank Cuning**, former technician for the Department of Chemical Engineering; **Ella Ingram**, PhD, former associate dean and biology professor; **JP Mellor**, PhD, former head and professor of the Department of Computer Science and Software Engineering; **Lori Olson**, PhD, former head and professor of Mechanical Engineering; and **Julia Williams**, PhD, former English professor.



Cole



Cuning



Ingram



Mellor



Olson



Williams

Reviving Twelve Points

Civil Engineering Students Helping Rebuild a Historic Terre Haute District

STORY
BY
LEAH
SINGER



The Twelve Points District in north Terre Haute was once one of the busiest areas in Vigo County. Over the years, the neighborhood and its once-thriving businesses found themselves declining from changes in transportation and industry since the 1950s.

Today, the district is in a new period of growth and business development. Yet, there is not a convenient and safe corridor for people to travel to Twelve Points. Additionally, much of the area's infrastructure is dilapidated, intersections are unsafe, and the sidewalks are nearly 100 years old.

Leaders of the Twelve Points Revitalization organization, including 1995 civil engineering alum **Pat Goodwin**, wanted to find a pedestrian-friendly solution to make the community safe and easy so more people can enjoy the historic area of the city.

Three 2024 civil engineering alumni—**Rylan Miller**, **Christian Meyer**, and **Lucas Chesney**—took on this challenge as their senior design project during the 2023-24 school year. They gathered information from community members to create an engineering plan to help bring the neighborhood's infrastructure to working and safe conditions.



Watch a video about the impact this project could have on the community at [rose-hulman.edu/12points](https://www.rose-hulman.edu/12points)

The students then came up with a plan that includes:

- Redesign an entirely new street for bicyclists and pedestrians, which separates vehicular travel.
- Proposed replacing the neighborhood's six-way intersection with a roundabout to ensure consistent traffic flow.
- Designed water resources to handle run-off and overflow, ensuring there is no standing water or pollution into the Wabash River.

Revitalization leaders plan to take the students' plans, renderings, and data to local community leaders, as well as use the plans to seek grant funding to implement their solutions.

This year's capstone projects provided civil and environmental engineering seniors with unique real-world work experiences that designed new structural developments and addressed stormwater and wastewater management issues-potentially impacting areas from Niagara Falls to San Francisco, across Indiana, and as far away as Ghana and Nepal.

Student teams applied the knowledge and skills they have acquired in coursework to help address the needs of an outside client. Along the way the students develop critical thinking and work together to identify problems, develop and execute a project plan, and clearly presented their findings. ■

Twelve Points leaders sought a pedestrian-friendly solution so that more people can enjoy the historic neighborhood.

COMPUTER SCIENCE & SOFTWARE ENGINEERING PROGRAM

EVOLVES WHILE MAINTAINING CORE EDUCATIONAL VALUES

STORY
BY
DALE
LONG

Professor Sid Stamm (CS, 2003) has worked with students, alumni, and computing professionals to enhance the CSSE department's cybersecurity program.

In an era of rapid change in the way in which computing problems are solved and how software applications are created, Rose-Hulman's Department of Computer Science and Software Engineering is continuing to take a measured and proactive approach toward giving students the skills necessary to impact the future of science, technology, engineering, and mathematics.

Rather than simply racing to incorporate the latest AI and cybersecurity tools, the department is focusing on developing strong computational critical-thinking skills, real-world experiences, and research interests that will serve students of all STEM majors well regardless of how technology evolves.

After all, contrary to popular belief, AI and cybersecurity are not expected to eliminate jobs, but rather change them.

"We must remember that computer science education goes well beyond teaching students to code," emphasizes Sriram Mohan, PhD, department head and professor. "Our department has always focused on the fundamentals of computing. First and foremost, we're teaching students how to build things and solve

problems. If students' fundamentals are solid, they're going to be quick to learn and adapt."

Adaptability is a key element in the ever-changing world of computing.

The department has matured since computer science was added to the Institute's academic majors 56 years ago (1968). Enrollment is the second largest of any department on campus, with approximately 500 students, 27 full-time professors (along with two adjunct faculty), and two staff members. The department has been ranked among the top 10% of the nation's undergraduate programs for the past four years.

Students have been earning minors in AI and Data Science, and four students graduated with the new cybersecurity minor in 2024, with 30 more students currently pursuing the minor. Seminars and classroom discussions feature influential industry leaders, with several being alumni experts, and the department hosted its first undergraduate research symposium earlier this year. There's considerable student interest in club and competition team activities, and there are plans to start a campus AI Club in the future.

(CONTINUED ON NEXT PAGE)

Also, a non-credit seminar on “Navigating the AI Revolution: Generative AI and Its Likely Impact” is being offered this winter academic quarter for the entire campus community by CSSE professor Michael Wollowski, PhD, and mathematics professor Yosi Shibberu, PhD. Wollowski has joined CSSE faculty colleagues Matt Boutell, PhD, Shawn Bohner, PhD, and Steve Chenoweth, PhD, in a CSSE-based GenAI Task Force examining how generative AI can enhance the work being done by students, faculty, and staff.

All of this will provide students with computational thinking skills through creative programming activities to help them understand and evaluate AI-generated content, address bias issues, ensure transparency and accountability in computing systems, and protect data privacy. Coursework in the department, allows students to develop a strong background in artificial intelligence, machine learning, deep learning, deep reinforcement learning, bio-inspired artificial intelligence, natural language processing, image recognition, and data science.

“We want Rose-Hulman to be a leader in computer science education, a program that’s always on the cutting edge, setting the stage for where undergraduate computer science education is headed,” says Mohan.

PREPARING FOR CYBERSECURITY CHALLENGES

Recognizing the critical importance of cybersecurity in today’s interconnected world, Rose-Hulman has developed a comprehensive cybersecurity minor program accessible to students across all majors. This interdisciplinary approach acknowledges that security considerations are crucial for any engineer designing modern products or services.

The program’s success is evident in its alumni placement record, with graduates securing positions at leading technology companies such as Microsoft, Meta, Google, and Airbnb, as well as government contractors and agencies in the defense industry. Alumni also have continued their academic careers at prestigious institutions such as Princeton, Brown, Cornell, Carnegie Mellon, Notre Dame, Georgia Tech, Indiana, and Northwestern. The curriculum provides students with fundamental knowledge in securing computer and information systems, risk assessment, ethics, technical controls, and adversarial thinking.

Research in socio-technical security and privacy and industry expertise by professor of computer science and software engineering **Sid Stamm** (CS, 2003), PhD, a former lead architect and engineer on security and privacy with Mozilla, exemplifies the program’s practical approach to cybersecurity education. His work

addresses real-world challenges such as web tracking, wireless signal privacy, and social media privacy, helping students understand the complex interplay between technical systems and human behavior.

Also, Assistant Professor Mohammad Nouredine, PhD, has completed research projects with students that was presented at one of the nation’s top cybersecurity conferences.

“We’re giving students cybersecurity skills, through a security-by-design mindset, that make their degrees more valuable by making their employers’ products safer,” remarks Stamm.

EXPANDING RESEARCH IN EMERGING TECHNOLOGIES

The CSSE department provides students with multiple pathways to engage in cutting-edge research from their first year through their senior thesis. The program’s structure allows students to explore various research methodologies and topics, creating a solid foundation for both academic and professional careers.

Wollowski, who has published extensively on AI education and is an associate editor for the Association for the Advancement of Artificial Intelligence’s *AI Magazine*, exemplifies the department’s forward-thinking approach. His recent work argues for a fundamental shift in AI education, advocating for a foundation based on pattern matching and neural networks. His research into human-machine teaming explores the crucial aspect of maintaining mutual context when humans and AI systems work together.

The department’s research opportunities span a broad spectrum of emerging technologies. Work by Associate Professor Lixing Song, PhD, focuses on autonomous vehicles and reinforcement learning, while visiting Assistant Professor Gloria Liou, PhD, investigates the intersection of computer science and psychology, including machine learning applications for understanding human behavior and well-being. Associate Professor Nate Chenette, PhD, earned the Board of Trustees’ Outstanding Scholar Award in 2024 for research in encryption and other areas of national security interest, and has spent five summers and an educational sabbatical leave working on classified national-security related research at the Center for Communications Research in La Jolla, California.

STUDENT SUCCESS AND RESEARCH IMPACT

The department’s approach to preparing students for the future is perhaps best illustrated through its student research projects. A project by **Nyomi Morris** (CS, 2024) on designing robotic sidekicks for domestic abuse



survivors highlights the department's commitment to human-centered computing, showing how technical skills can be applied to address sensitive social issues. She is now pursuing a doctorate in computing at Colorado School of Mines.

Also, research by **Spencer Chubb** (CS, 2024) on streamlining combinatorial auctions with unified neural networks shows how students are contributing to the efficiency of AI systems. Work by **Endia Clark** (ICS, 2024) on epilepsy prediction analysis demonstrates the program's emphasis on using technology to solve real-world problems. **Nate Hurtig** (CS/MA, 2024) is now in PhD studies at the University of Washington after introducing a new single-server policy for the known-size M/G/1 queue with preemption costs.

Last spring's inaugural Undergraduate Research Symposium had 18 computer science and software engineering students presenting the results of individual and team work on cutting-edge computing research projects, the first step toward a possible research-based career. These students spent 30 weeks during this academic year completing research-based capstone projects, with faculty advisors, to complete their degree requirements.

First- and second-year students also completed a variety of computing projects during the 2023-24 school year as part of the new Rose Research Fellows program. More projects are currently underway for this academic year.

LEGACY EVENT HIGHLIGHTS THE PAST, LOOKS TO FUTURE

The past, present, and future were on display as the four professors who have led the CSSE department gathered for a legacy event with alumni and current students during this year's Homecoming festivities.

These cherished faculty were:

- **Frank Young**, PhD, head from 1987-2002
- **Cary Laxer**, PhD, head from 2002-15
- **JP Mellor**, PhD, head from 2015-22
- **Sriram Mohan**, PhD, head since 2022

Along the way, the department has grown from offices in the basement level of the Logan Library to spacious offices and newly designed student workspaces on the north end of the top floor of Moench Hall.

"Like computing itself, our department has been in a constant flux of change. Fortunately, we've always had the right people in place to meet whatever challenge sprung up, and there were MANY of them," says

Young, highlighting the efforts of legendary professors Claude Anderson, Mark Ardis, and Laxer, along with department administrative assistant Lynn Degler.

The biggest challenges have been hiring and retaining quality faculty (when professors often could have higher salaries in industry), adapting the curriculum with coursework that encourages students' career development, getting the public to understand and appreciate computer science's role in technology, and a constant need to remain relevant.

"Computer science is a major that incorporates everything in STEM education," says Laxer. ■

HOW ALUMNI CAN CONTRIBUTE

Here are some ways that alumni can help the CSSE department remain on the leading edge of undergraduate computer science education:

- **Endow Scholarships:** Allowing Rose to continue attracting the world's top students and relieving the financial burden of attending the college.
- **Endow Faculty Chairs:** Support faculty teaching and scholarly pursuits.
- **Support Centers of Computing Creation:** The department seeks to establish centers of computing that specialize in AI and cybersecurity. These centers will serve as the nerve center for the department's efforts in these two fields.
- **Seminar & Classroom Speakers:** Lending industry expertise as guest speakers for the new cybersecurity seminar series and classroom discussions.
- **Supporting Summer Innovation Grants:** Funding summer research, and course development activities for students and faculty, along with professional development opportunities.
- **Club & Team Support:** Cover travel expenses so that clubs and teams can participate in regional and national competitions and special-interest conferences.
- **Be Project Clients:** Provide seniors with valuable work opportunities by sponsoring a capstone design project.
- **Encourage Hiring:** Pass along company job and internship opportunities to the Office of Career Services for possible inclusion by Rose students.

Contact Vice President of Institutional Advancement Steve Brady at brady1@rose-hulman.edu or 812-877-8784 to set up endowed scholarship, faculty, and department support gifts. Reach out to CSSE Department Head Sriram Mohan at mohan@rose-hulman.edu or 812-877-8819 about other opportunities.



Special Year Brings Grand Homecoming Filled with Good Times

STORY BY CAITLIN NASH

PHOTOS BY BRYAN CANTWELL AND MIC ORMAN

This year's special sesquicentennial celebration brought together a record number of alumni, family, friends, students, and other campus guests to enjoy elements of a resounding Homecoming full of nostalgia and moments that created new memories.

The Office of Alumni Relations reports that more than 2,600 people attended events throughout Homecoming weekend—surpassing last year's previous record of more than 2,050 attendees.

"Homecoming continues to be a special time for Rose-Hulman and its alumni," says Vice President of Institutional Advancement Steve Brady. "There was literally something for every era of alumni, and we also took time throughout the weekend to honor several alumni whose philanthropic support is keeping the Institute on the leading edge of STEM education, supporting our students' educations through sponsored scholarships, and making our campus experience so cherished."





Photo Album



Alumni and family members enjoyed class reunions, campus tours, and a lineup of special events. Tradition took center stage with beloved activities like the student-built bonfire, ignited following the award-winning Sky Elements' breathtaking 500-drone light show that illuminated the night sky. Another heartfelt moment was the reunion of the Class of 1974 at the Golden Rose Brunch, where members were inducted into the Forever Class as part of their special 50-year reunion weekend.



COMING HOME

Other Homecoming elements were golf outings supporting Athletics' Varsity R Club, a Founder's Luncheon (with a record number of attendees and plaid jacket presentations), and academic department open houses across campus that allowed alumni to reconnect with faculty and staff members. A special highlight this year was a panel discussion showcasing innovation in computer science and software engineering, featuring former and current heads of the Department of Computer Science and Software Engineering: Frank Young, Cary Laxer, JP Mellor, and Sriram Mohan.

And, of course, the Fightin' Engineers triumphed over Franklin College 24-14 on Phil Brown Field—a victory predicted by the outhouse falling through the center of the bonfire.

With its rich traditions and community spirit, this year's sesquicentennial Homecoming has solidified its place as one of the most memorable in Rose-Hulman's history. And we're hoping that you will be back with us next year. ■

SAVE THE DATE: OCTOBER 3-5, 2025



Relive this year's Homecoming fun at
rose-hulman.edu/homecoming2024



FOREVER ROSE

SCHOOL PRIDE & ALUMNI BONDS ARE EVERYWHERE

In celebration of our sesquicentennial, the Rose-Hulman Residence Hall Association partnered with L&A Family Farms in nearby Paris, Illinois, to sponsor their annual corn maze for the fall season. The maze was engineered to be more challenging than ever. It was a popular Wabash Valley attraction through the season.



Lambda Chi Alpha Paves the Future

This year's special Pave the Future fundraising drive brought necessary repairs to the sidewalk leading to the front of Lambda Chi Alpha fraternity's chapter house on campus, with nearly 200 personalized bricks being placed during this summer's annual home improvement weekends. This effort was led by **Mike McPherron** (CHE, 1979). Messages on some of the In Memoriam bricks included "Lambda Chi Alpha @ Rose Hulman. A Legacy of Success" and "Chase Your Dreams! Failure Only Comes to Those Who Quit."

Fiji Fraternity Bonds Tighten

Twenty-one living members of the Class of 1980s' Rho Phi chapter of the Phi Gamma Delta (Fiji) fraternity have kept in close contact for more than the past decade. Members living in the Chicago and Indianapolis areas meet for lunch several times each year. Fourteen members gathered this fall in Colorado Springs, Colorado. This group included (front row, from left) **Art Schultz** (ME, 1981), **Dave Jackel** (ME, 1980), **Dave Parker** (CE, 1980), **Tim McGrath** (CE, 1980), and **Bob Walker** (ME, 1980). In the middle row are (from left) **Tom Roetker** (ME, 1980), **Whil Hentzen** (ME, 1980), **Jim Newlin** (ME, 1980), and **Roe East** (ME, 1980). In the back row (from left) are **Jack Wickham** (CHE, 1980), **John Foley** (EE, 1980), **Mark Longrie** (ME, 1980), **Bob Froetscher** (ME, 1980), and **Paul Curtin** (CHE, 1980). The group is looking forward to the celebrating its 40th reunion during next year's Homecoming.



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THE TIES THAT BIND

(CONTINUED FROM PREVIOUS PAGE)



Global Rose Connections

You never know when you're going to come across a fellow Rose-Hulman alum. A layover in global travels brought Pathom Inc. leaders **Tom Baker** (CHEM, 1992) and **Pat Thomas** (EE, 1989) in acquaintance with Alumni Advisory Board member **Amy Cary** (CHE, 1998) in the Frankfurt, Germany, airport. Cary recalled reading about the duo and the success of their entrepreneurial company in *Echoes*' summer issue.

Celebrating David Yates' Patent Milestone

Members of the Delta Sigma Phi's Zeta Lambda fraternity chapter celebrated **David Yates** (EE, 1984) achieving his 504th patent from more than 40 years of inventing medical devices and process improvements. Patent Vector has valued Yates' patent portfolio as more than \$2.5 billion and one of his product contributions has helped four million surgical patients. Marking the career milestone were (from left) **Mike Blankenship** (EE, 1983), **Mark Kipp** (EE, 1983), Yates, **Alan Yates** (ME, 2017), **Troy Uahinui** (ME, 1983), and **Scott Nield** (AO, 1999).



Bob Kylander Becomes Eldest Chauncey Rose Society Member

1946 chemical engineering alum **Bob Kylander** became our eldest member of the Chauncey Rose Society, at age 98. Bob was able to come to campus for this year's Homecoming festivities and received his authentic tartan jacket while being inducted into the Chauncey Rose Society. He graduated after his undergraduate education was interrupted by a two-year Navy tour as a second class radio technician during World War II, serving alongside four fellow Rose Poly draftees.

Lifelong Bonds for '71 Alumni

Along with attending Homecoming since 2005, several members of the Class of 1971 have been meeting for several years to celebrate New Year's Eve, cruises, and house parties with family and friends. This past summer's gathering was hosted by **Roger Ward** (CE, 1971) and his wife, Marilyn, in South Haven, Michigan. Attending were **Ray Jirousek** (MA/ECON, 1970), **Fred King** (ME, 1971), **Steve Kinsell** (CHE, 1971), **Dennis Kopcha** (ME, 1971), **Roger LaCosse** (ME, 1971), **Tom Merrill** (ME, 1971), **Sherley Sample** (ME, 1971), **Ed Spock Spangler** (ME, 1971), and **Jeff Witten** (ME, 1971).



Residence Life Alumni Recall Good Times

Homecoming was once again a special time as alumni who served residence life staff members gathered for a special reunion with Vice President for Student Affairs/Dean of Students **Erik Hayes** (BSME, 1997/MSME, 2001) and other members of the Office of Student Affairs.

SANDERS PARK

Engineering the Great Outdoors

STORY
BY
DALE
LONG

On a crisp Colorado afternoon, 2016 civil engineering graduate **Sanders Park** stands in the shadow of the Rocky Mountains and examines the unconventional path that has him applying structural engineering principles to create innovative camping gear pushing the boundaries of lightweight, durable, and sustainable design.

As one of two product designers with Big Agnes, a leading outdoor gear company, Park has found a role that represents the perfect fusion of his passions: structural engineering and the great outdoors.

"I've always had a passion for the outdoors and sought to find harmony between the outdoors and my curiosity in structures," he states.

The challenges he faces are far from simple at Big Agnes, nestled within ski slopes and hiking trails in Steamboat Springs, Colorado. "Tents are dynamic, large deformation structures," Park elaborates. "Woven fabrics used in tents are dimensionally unstable and have different strengths in the warp and weft directions. Connections cannot be easily idealized, and tent 'foundations' are basically non-existent."

This complexity requires Park to apply advanced engineering concepts into his designs, using nonlinear analysis alongside empirical data to predict structural behavior. It's a far cry from the static analysis typical of most building design, but Park thrives on the challenge.

"I love that I get to wear so many different hats," he says. "It allows me to use all parts of my mind

in creative, technical, and business ways to design gear that gets people outside."

As he works on confidential projects for ultralight tents and chairs being prepared for the marketplace in 2025 and beyond, Park must balance multiple factors. "I have to consider design aesthetic, cost, weight, functionality, and merchandising potential," he states.

Park's work at Big Agnes also aligns perfectly with the company's commitment to sustainability, innovation, and finding an appropriate work-life balance.

The company encourages its employees to step away from their workspaces and enjoy the outdoors, hosting weekend camping outings. As he zips up a prototype tent, ready for another round of testing, Park embodies the spirit of innovation and adventure that defines both Rose-Hulman and Big Agnes.

"Thinking creatively yet analytically to introduce meaningful products that meet market and business needs feels much more like a vocation than a job for me," he says.

In the world of outdoor gear design, this civil engineer has truly found his home under the stars. ■

"I've always had a passion for the outdoors and sought to find harmony between the outdoors and my curiosity in structures."

- **Sanders Park** (CE, '16)
Big Agnes Product Designer

JEFF READY

Heads Top IT Innovators List



Setting the pace for tech innovation as co-founder and chief executive officer of Scale Computing has ranked 1996 computer science alum **Jeff Ready** atop a distinguished list of the nation's top 25 Information Technology (IT) innovators, as compiled by the CRN tech media company. This puts him alongside forward-thinking leaders from Dell, Microsoft, Hewlett Packard, and Intel.

CRN also cited Scale Computing among the top edge computing companies that are providing diverse solutions, from infrastructure deployment to Artificial Intelligence and edge management. Key technologies such as AI-powered devices, edge servers with Graphic Processing Units, and 5G connectivity are enhancing data processing capabilities.

Joining Scale Computing on the cutting-edge list are Amazon Web Services, Dell Technologies, Nvidia, OnLogic, and Zadara.

The global edge computing market is projected to reach \$228 billion this year and \$378 billion by 2028, according to CRN. This growth is driven by demand for real-time analytics and automation, states market research firm IDC.

Scale Computing announced record growth for the third quarter of 2024. The privately held Indianapolis-based company saw an increase in software sales of over 60% year over year, more than doubling its number of new customers

over the same period last year. The increased demand for both VMware alternative virtualization platforms and edge computing solutions continues to drive record company growth.

"Edge computing is driving IT transformation; AI is accelerating edge computing adoption; and both channel partners and customers are hungry to move on from VMware as they make this next leap forward," states Ready in a company news release. "Our platform's unmatched capabilities and ecosystem partners empower distributed enterprises anywhere in the world and across all verticals to embrace the future of edge computing, driving efficiency, compliance, and profitability."

Scale Computing continues to expand in key vertical markets, including the retail industry. The company announced this year new edge computing customer Royal Farms, operator of fast and friendly neighborhood convenience stores with 260 locations throughout Maryland, Delaware, Virginia, Pennsylvania, West Virginia, and New Jersey. Also, Scale Computing Migrate was released as a new solution designed to streamline and simplify the migration process for business transitioning away from VMware.

"What we're doing at Scale is building the future with all of you," Ready told the audience at his annual Platform 2024 conference in Las Vegas.

Ready co-founded Scale Computing in 2007 after finding success leading Corvigo, a Linux-based anti-spam appliance, overseeing the company from startup through funding to acquisition. His entrepreneurial spirit has also spread across being co-founder of Indianapolis' Centerpoint Brewing Company and a board member of Florida-based Kalogon, a company founded by fellow alumni **Tim Balz** (ME, 2017) that's developing the world's first smart cushion. ■

SPECIAL NOTE:

Ready to Present Commencement Speech, Receive Honorary Degree

Jeff Ready will pass along lessons learned in being a successful technology entrepreneur as Rose-Hulman's 2025 Commencement Speaker, along with receiving an honorary doctorate in engineering.

OLIVENCIA UNLEASHING THE POWER OF TECH LEADERSHIP & HISPANIC ENTREPRENEURSHIP

Electrical engineering alum **David Olivencia** has carved an impressive path from his college days gaining technical and leadership skills that have forged him into becoming a driving force that's empowering other Hispanic entrepreneurs and leaders in the tech industry. His journey showcases the transformative power of a Rose-Hulman education, networking, vision, determination, and a commitment to creating opportunities for others.

"Rose gave me the vision of the ways technology would dramatically shape the world," says the 1994 graduate. "I always tell people, if I can get through differential equations and calculus, I can solve anything."

Olivencia is the chief executive officer and co-founder of Angeles Investors, an entity of 400+ members that aims to grow the most promising Hispanic and Latinx ventures (investing about \$15 million in 27 startups). He also is a best-selling author of "NetWORKing Excellence:

Building a Strong Value-Based Network in an Accelerating Digital World" and a sought-after speaker for his perspectives on technology disruption, early-stage investing, networking excellence, and leadership issues.

His business background includes senior executive positions with Nippon Telegraph & Telephone, Ford Motor Company, Oracle, Verizon, Softtek, and Accenture. He has been recognized among Hispanic Business Magazine's

Most Influential Hispanics in America, 40 under 40 by Crain's Detroit Business, and Crain's Chicago Tech 50.

Born to immigrant parents from Puerto Rico in Gary, Indiana, Olivencia became the first in his family to earn a college degree. At Rose-Hulman, he was at the forefront of technological advancements, from communicating via the internet to Germany in 1992 to creating the first PowerPoint presentation on an overhead display in 1993.



David Olivencia (EE, 1994) is CEO/co-founder of Angeles Investors, a best-selling author, and sought-after speaker on technology disruption, early-stage investing, networking excellence, and leadership issues.

His tenacity, leadership skills, and technical abilities caught the eye of companies across the country. "Here I was, a 21-year-old kid, consulting with clients around the country on systems, technology, strategy, and implementations," he recalls.

Olivencia's journey took an entrepreneurial turn in 2020 when he co-founded Angeles Investors. As CEO, he now leads a company aimed at finding, funding, and growing promising Hispanic-led or supported startups. This venture allows him to leverage his vast network and experience to address the significant funding gap faced by Latino entrepreneurs—inspiring and creating opportunities for the next generation of Hispanic leaders in STEM and technology.

That showcases the far-reaching influence of a Rose-Hulman education. ■



Bailey Challenge

BY PROFESSOR EMERITUS
HERB BAILEY

The popularity of the Bailey Challenge continues to grow, with the summer problems attracting 109 solvers from 42 different alumni classes—1956 through 2020—along with family members of alumni, former and current faculty, current and prospective students, and special friends.

"I look forward to the Echoes and go right to the Bailey Challenge as soon as it comes," states **Sherly Sample** (ME, 1971). "I usually scan them quickly and one always jumps out at me, and I do that one first. The (summer) Bonus Problem was my first one and most enjoyable this time. I went to bed thinking about it and the key to solving it came to me in the middle of the night. I got up immediately and made some notes so I wouldn't forget."

Kurtis Anliker (ME, 1991) couldn't resist showing the summer problems to his daughter, a seventh-grade student taking honors math courses that concentrate on algebra and geometry. She had learned all the problem-solving fundamentals needed to successfully complete one of the problems.

"It was fun to see it all 'click' putting it together with her. Even better was showing her how to solve the problem," states Anliker.

Now, he's hoping that his daughter's interest in math will continue as she may attend a summer STEM camp at Rose-Hulman in the future, and possibly follow in Anliker's footsteps in becoming a Fightin' Engineer.

Here are the winter problems, provided by **Mark Bailey** (CHE, 1976), son of Bailey Challenge founder, Herb Bailey

WINTER PROBLEM 1

Austin runs an animal hospital that takes care of dogs, cats, and birds. The cats here only have three legs and one tail, the birds here have only one leg and two tails each, and the dogs have four legs and no tail each. The hospital inspector walks in one day and counts 15 heads, 42 legs, and 13 tails. How many cats were there in the hospital?

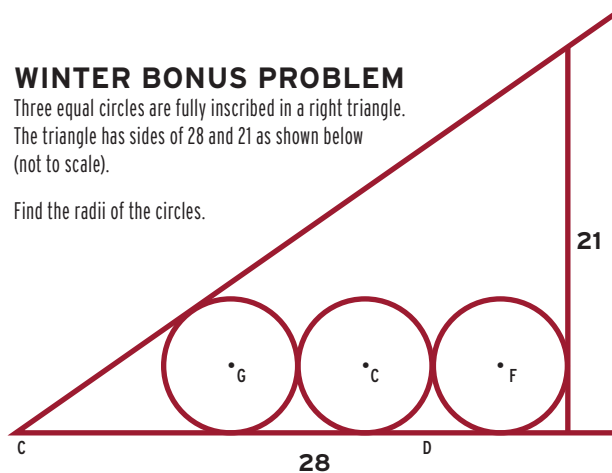
WINTER PROBLEM 2

A cube eight inches on a side is painted blue, then cut into one-inch cubes. How many cubes have three sides painted? How many cubes have two sides painted? How many cubes have one side painted? How many cubes have no sides painted?

WINTER BONUS PROBLEM

Three equal circles are fully inscribed in a right triangle. The triangle has sides of 28 and 21 as shown below (not to scale).

Find the radii of the circles.



SUMMER PROBLEM 1 SOLUTION

With another 10, you have 3 different runs of 3 (one for each of the 10's) making 9 points from runs, and you have 3 different pairs of 10's, for 6 points from pairs. This makes 15 points.

With another 9, you have 4 different runs of 3 (one for each of the 4 different pairings of a 10 and an 9) and you have 2 pairs, for 16 points. So, you want to turn a 9 for the starter.

SUMMER PROBLEM 2 SOLUTION

The radius of the smaller circle is just 1, so its area is π . The radius of the larger circle is the length of a half-diagonal from the center of the rectangle to a corner, which by the Pythagorean theorem is: $\sqrt{1^2 + (w/2)^2}$

And so its area is $\pi * (1 + (w/2)^2)$. The ratio of the areas is thus $1 + (w/2)^2$, and so we need $w = 6$ for the ratio of the areas to be exactly 10.

BONUS PROBLEM SOLUTION (In honor of our sesquicentennial)

Let x be Chauncey's mystery number. In the first step, we're given that $x' = 2 * x / 3$ is a whole number (so x is a multiple of 3). In the second step, we're given that $2 * x / 3$ is not a whole number, in fact, since Chauncey had to round up to the nearest integer, we can deduce that: $x'' = 2 * x / 3 + 1/3$ is the whole number that Chauncey had at the end of Step 2.

Finally, $x'' / 4$ rounded down gives us 16, which means that $x'' = 64 + r$ where r has to be one of 0, 1, 2, 3. Working backwards, we get: $x'' = 64 + r = 2 * x / 3 + 1/3$

Multiplying both sides by 3, we get: $192 + 3 * r = 2 * x + 1$

Solving for x' gives us: $x' = (191 + 3 * r) / 2$

Donor's Challenge Supporting Bailey Scholarship Fund

A unique and inspiring story has led to a generous opportunity for Rose-Hulman supporters. After witnessing their sister tackle the Bailey Challenges in Echoes, an anonymous donor with no formal ties to the Institute decided to support the Bailey Scholarship. Impressed by the challenging problems and Professor Herb Bailey's unwavering dedication to students, education, and STEM, this individual has proposed a matching gift challenge to expand the scholarship's impact.

Through this challenge, the donor will match \$2 for every \$1 donated to the Dr. Herb Bailey Scholarship, up to \$10,000.

This means every gift will have triple the impact, directly supporting the Operation Catapult program.

The Bailey Scholarship funds students attending Operation Catapult, a transformative summer program for high school juniors and seniors. This experience provides students with an invaluable immersion in engineering, the opportunity to earn college credits, and a glimpse of college life, all while fostering their passion for STEM.

Participate in the Bailey Challenges and help shape the future of STEM by supporting Operation Catapult. Your contribution—now tripled—will empower the next generation of innovators!

Make donations at rose-hulman.edu/give

Send your solution to BaileyChallenge@rose-hulman.edu or to: **Dale Long, CM 14, Rose-Hulman Institute of Technology, 5500 Wabash Ave., Terre Haute, IN 47803.** Alumni should include their class year. Congratulations to the following solvers of the spring problems:

ALUMNI: A. Sutton, 1956; C. Ambuehl, 1958; L. Hartley, 1961; J. Ray, 1961; A. Cleek, 1964; E. Creekmore, 1965; S. James, 1965; B. Radecki, 1965; A. Hoskin, 1968; R. Dutton, 1969; J. Born, 1970; E. Arnold, 1971; R. LaCosse, 1971; W. Pelz, 1971; S. Sample, 1971; G. Houghton, 1972; C. Martens, 1972; H. Young, 1972; R. Kominiarek, 1973; M. Marinko, 1973; M. Marlett, 1973; J. Walter, 1973; D. Frick, 1974; T. Rathz, 1974; S. Sims, 1974; D. Willman, 1974; M. Clodfelder, 1975; R. Herbert, 1975; B. Hunt, 1976; J. Schroeder, 1976; D. Hoffman, 1978; R. Priem, 1979; J. Slupesky, 1979; S. Bagwell, 1980; K. Davenport, 1980; J. Koechling, 1980; S. Stroder, 1980; J. Farrell, 1981; P. Gunn, 1981; S. Nolan, 1981; M. Taylor, 1982; D. Batta, 1983; D. Churilla, 1983; S. Hall, 1983; J. Marum, 1983; C. Wilcox, 1985; C. Hastings, 1986; T. Fresher, 1987; D. Johnson, 1987; M. Lancaster, 1987; L. Cox, 1989; J. Jachim, 1989; G. Smith, 1990; B. Burger, 1991; J. Harris, 1991; R. Hochstetler, 1991; C. Schlimm, 1991; R. Wilkinson, 1991; J. Zamora, 1991; B. Swanson, 1992; R. Antonini, 1993; W. Haas, 1993; J. Haggerty, 1993; K. Neilson, 1993; R. Solomon, 1996; C. Mills, 1998; M. Pilcher, 1998; G. Pool, 1999; E. (Maher) Behrens, 2000; J. Macac, 2000; W. Hubbell, 2002; B. Hirsch, 2004; G. Lane, 2004; J. Somann, 2004; S. Shambaugh, 2005; S. Tourville, 2005; T. Perme, 2006; V. Rocznik, 2006; G. Shields, 2008; M. Rooney, 2011; C. Eley, 2012; B. Lackey, 2013; N. Woerner, 2016; M. Peterson, 2018; and R. Oberlitter, 2020

FRIENDS/STUDENT: D. Bremmer, S. Clarke, T. Cutaia, A. Danesh-Yazdi, G. Gstattenbauer, L. Kulbago, J. Marks, L. Metcalfe, E. Robertson, J. Robertson, D. Shafer, R. Stevens, R. Templeton, J. Walsh, and J. Walter

Educator Marie Stettler Kleine Bringing Values-Driven Design and Humanitarian Engineering Focus as BOT Alumni Rep



Exploring how values shape engineers' commitment to "do good" has led enterprising engineering educator **Marie Stettler Kleine** (ME/IS, 2014), PhD, to contribute her expertise to Rose-Hulman as the newest alumni representative to the Institute's Board of Trustees. Her three-year term as a trustee began during the recent fall 2024 meeting.

Kleine is assistant professor in the Department of Engineering, Design, & Society at Colorado School of Mines in Golden, Colorado. Kleine is lead faculty member of the college's Engineering with Communities Design Studio. She also teaches humanitarian engineering, design, and science and technology studies at the undergraduate and graduate levels and conducts research on engineering practice and pedagogy,

exploring its origins, purposes, and potential futures. Kleine was among a select group of engineering educators from across the country recognized as 2024 KEEN Engineering Unleashed Fellows by the Kern Family Foundation.

"As an engineering educator, Marie brings valuable insight to the Board of Trustees as Rose-Hulman strives to remain on the leading edge of academic programs and initiatives in undergraduate engineering, science, and mathematics education, and provide our students with those skills necessary to make a difference in the world through contributions in their career fields," says President **Robert A. Coons**. "Marie's insights will be valuable as we begin to implement our *Advancing by Design* strategic plan."

Kleine's interest in the professional formation of engineers includes attention to values and community engagement as well as innovation cultures and expertise. She co-edited "Does America Need More Innovators?" published by MIT Press in 2019, with colleagues Matthew Wisnioski and Eric Hintz. This project is unique in how it engages innovation's champions, critics, and reformers in collaboration and shared visioning of the future. In the classroom, Kleine challenges engineers to critically engage in all facets of their work—a pursuit inspired by her time as a student at Rose-Hulman.

"I have strived to emulate those dedicated Rose-Hulman educators who inspired and encouraged me to follow in their footsteps as engineering professors with demanding principles and a clear focus on preparing students for careers of purpose and significance," states Kleine, who was honored with Rose-Hulman's Distinguished Young Alumni Award earlier this year.

Kleine and her husband, **Kaleb Kleine** (EE, 2014), both attended Virginia Tech for graduate school, cycled across the United States in 2018 as part of Bike the US for MS, and have since relocated to the foothills of the Rocky Mountains. They're always looking for their next adventure.



Check out the Athletic Hall of Fame members at rose-hulman.edu/hof



Alumni News

Four Inducted into Athletic Hall of Fame



Liz Evans (BSEE/MA, 2013; MSEMGT, 2015) | **Women's Track & Field** | Women's Ruel Fox Burns Blanket winner in 2013; Five-time NCAA Division III high jump national champion and eight-time All-American; Division III all-time best record holder in the outdoor high jump (6' 1/2"); Three-time Academic All-American; Six-time Heartland Collegiate Athletic Conference (HCAC) Field Athlete of the Year; Five-time Regional Field Athlete of the Year; Only RHIT graduate to compete in three U.S. Olympic Trial events (2016, 2021, and 2024).

Matt Trowbridge (CE, 2008) | **Men's Soccer** | Two-time Academic All-American and first-team Academic All-American in 2007; 2007 HCAC Co-Player of the Year; Four-time all-HCAC selection and first-team all-HCAC honoree in 2006 and 2007; Ranks second in school history with 45 goals and 110 points; Team compiled a 46-28-4 record during his career; Starter/key member of 2006 team that set school record at the time of his graduation with 15-4-1 mark.

Annmarie Stanley (CPE, 2011) | **Women's Soccer** | Key member of the 2007 and 2009 HCAC Championship teams; Member of 2007 NCAA tournament team; HCAC Player of the Year in 2009; First-team all-HCAC in 2009; Second-team all-HCAC in 2008 and 2011; Academic All-American honoree in 2008; Ranked second in school history with 29 assists; Ranked third in single-season school history with 13 assists in 2008.

Julian Strickland (CE, 2014) | **Men's Basketball** | Men's Ruel Burns Blanket Award winner; Key member of 2012, 2013, and 2014 HCAC tournament championship and NCAA tournament teams; Honorable mention D3hoops.com All-American as a senior; First-team All-Region 2013 and 2014; HCAC MVP in 2013 and 2014; HCAC Tournament MVP in 2012; First-team all-HCAC 2013 and 2014; HCAC Freshman of the Year; Fifth in Rose record book for career points—1,747.



HOUSTON



The Office of Alumni Relations hosted events across the country that brought alumni together this summer and fall to celebrate Rose-Hulman's sesquicentennial and learn about the latest campus developments. Alumni also exchanged shared campus experiences and had lots of fun times reconnecting.



Check out upcoming events at
www.rose-hulman.edu/alumni.

POSTCARDS FROM THE ROAD

INDIANAPOLIS



INDIANAPOLIS



GRAND RAPIDS



PITTSBURGH



LOUISVILLE



INDIANAPOLIS



DENVER



DALLAS



DALLAS

70s

Jim D. Hammon (CE, 1974) was inducted into the Milton Union High School (Ohio) Athletic Hall of Fame for being an all-conference basketball and tennis athlete.

Al Shipp (EE, 1978) is keeping busy in retirement, being a new Board of Directors member with Airmeez, a company developing artificial intelligence-driven customer engagement solutions. He previously was president/chief executive officer with 3VR Security and vice president of Apple's enterprise group.

80s

Eric K. Mooney (BSCE/CHEM, 1983; HDENG, 2003), MD, received the 2024 Walter A. Franck Physicians Excellence Award from the Bassett Healthcare Network. He is a senior physician with Bassett's Department of Plastics and Reconstructive Surgery in Cooperstown, New York.



Jeff P. Withem (ME, 1984) received the U.S. Navy's Steering Task Group's distinguished Director's Award in recognition of his personal contributions as a technical consultant to the Strategic Systems Programs' government team.

Pete M. Hippleheuser (EE, 1986) is co-inventor on two patents for new technology developed as a verification engineer with Texas Instruments.

Tim A. Nale (BSME, 1987/MSME, 1989) is chief brand officer with Proforma, a promotional products company based in Tampa, Florida. He formerly had technical leadership roles with LeadingResponse, Koozie Group, BIC Graphics, Boar's Head, and Michelin.

Ken W. Pierce (EE, 1989) is director of Americas manufacturing operations for Baltimore Aircoil Company. He formerly had leadership positions with Polaris Industries, UOP, Boeing, and Ford Motor Company.

90s

Michael D. Poisel (ME, 1990) is managing the University of Pennsylvania's Center for Innovation, assisting in the creation of companies from UPenn research. For the past 15 years, he has started almost 300 companies that went on to raise \$1 billion in development funding.



Brian R. Runkle (EE, 1990) is in the newly created position of chief operating officer with AgFirst Farm Credit Bank, based in Columbia, South Carolina. He

formerly was executive vice president with Webster Bank and spent 17 years with GE Capital.

Allan J. Thompson (CHE, 1990) is chief of staff with Obra Capital Inc. after its acquisition of Solera Auto Finance, where he had been in the same leadership role.

Steve M. Blair (AO/CPE, 1991), PhD, is a professor of electrical and computer engineering at the University of Utah. He has helped create Avuluz lenses that better block specific light wavelengths. This technology is currently being tested in eyeglasses to possibly reduce migraines for patients.

Brad C. Sutton (EE, 1993) is executive director of powertrain engineering with Cummins Inc., where he has worked since graduation.

Gerard J. Madlambayan (CHE, 1993), PhD, is chair of the Department of Bioengineering and professor of biological sciences at Oakland University in Michigan.

Chuck Pearson (PH, 1993), PhD, is the Dr. Ronald H. Meen Distinguished Professor of Chemistry and Natural Sciences Department chair at Tusculum University, where he has been a faculty member since 2016.

Scott D. Slisher (ME, 1994) is chief executive officer with OnSite Partners, a leading innovator in distributed energy solutions and energy advisory services. He formerly spent nine years as president of AEP OnSite Partners.

Overmyer Helps U.S. Swimmers Realize Olympic Dreams

Kyle D. Overmyer (ME, 2009) took great pride in the medal-winning performances by U.S. swimmers in the 2024 Summer Olympics, because he played a role in them making a big splash in Paris, France.

As senior associate within the IMG engineering firm's Indianapolis office, Overmyer was project manager and lead mechanical engineer for designing the infrastructure of the first-of-its-kind Olympic swimming pool that was constructed inside Lucas Oil Stadium in downtown Indianapolis for hosting the U.S. Olympic Swimming Team Trials this past June. The planning process started two years before the event.

"Being a part of the team to create this small engineering wonder was surreal," noted Overmyer. "It was fascinating to observe the pool consultant's approach on building an above ground pool in an NFL stadium and the integration of the custom-raised decking system. I realized this project would be supporting athletes on their journey to the Olympics and I took immense pride in helping Team USA."

Kyle joined his wife, fellow alum **Dianna Artigue Overmyer** (BSCE, 2004/MSCHE, 2009), and their two children in enjoying the U.S. Swimming Team's success in the Summer Olympics.



Johnson Pilots Drone Show to 'America's Got Talent' Success

Tyler B. Johnson (ME, 2016) put together the technical elements of Sky Elements' entertaining drone show that placed third in NBC's popular "America's Got Talent" television show. Appropriately, the final show consisted of images featuring an American Dream theme.

Sky Elements was once a dream for Johnson and the Texas company's other co-founders who had a deep-rooted belief that they could do anything they set their mind to, including entertaining millions worldwide that have celebrated achievements and special events. (The company produced a dazzling show for the past two Rose-Hulman Homecoming bonfires.) Along the way they have set nine Guinness World Records, including a 1,200-drone show on AGT's final broadcast that featured a mighty eagle and an American flag, along with pyrotechnics.

"We blend aerospace engineering and creative artistry to produce an extraordinary new medium that's redefining live entertainment," says Johnson. He is a licensed unmanned aerial vehicle pilot who spearheads Sky Elements' proprietary drone fleet, advanced show programming, and operations to bring clients' visions to life.



Thad D. Fineran (CHE, 1995) has been promoted to the rank of brigadier general in the U.S. Army. This advancement required him to withdraw as interim director with the Nebraska Department of Environment and Energy. He also has served as chief of staff to Major General Craig Strong, adjutant general for the Nebraska Army National Guard.



John K. Deselem (ME, 1998) is managing MineStar product development with Caterpillar Inc., where he has worked in a variety of roles since 2004.

Amanda (Speich) Witter (CHE, 1999) was selected among the Top 50 Women Leaders of Indianapolis for 2024 by the Women We Admire organization. She is an area vice president with Salesforce.

00s

Alice (Tranter) C. Albrinck (CHE, 2000), a vinyl technical services associate with Teknor Apex Company, was recognized among Women Breaking the Mold in 2024 by *Plastics News*.

Chip E. Bennett (CHE, 2000) is senior director of manufacturing technical solutions with Project Farma, a biomanufacturing consultancy, in Indianapolis after spending 10 years in a variety of technical leadership roles with CAI, a global services firm.

Elizabeth M. Hagerman (CHE, 2000), PhD, was chosen among the Top 25 Women Chief Innovation Officers of 2024 by the Women We Admire organization. She is CIO with University of Wisconsin Health and executive director of UW Health's Isthmus Project, an initiative in partnership with the UW School of Medicine.

Vin Basavaraja (ME, 2001) is a senior director with Berkadia, a mortgage banking platform based in Scottsdale, Arizona. He has 11 years of expertise in commercial real estate financing.

Greg Hays (MSEMG, 2002) is senior scientific technology manager with the Naval Information Warfare Center-Atlantic, overseeing rapid prototyping, experimentation, and fleet exercises.

Nate R. Myers (ME, 2002) was a governor's appointee to Vincennes University's Board of Trustees. He is a vice president and general manager with Cook Medical Inc.'s polymer technology division.

Scott R. Powell (CPE, 2002), J.D., has joined the Taft law firm's Intellectual Property group in the

Indianapolis office. His practice also includes matters related to trademark, copyright, and internet law.

Jeremy M. Kashman (CE, 2003) has been promoted to the newly created role of chief infrastructure officer with the City of Carmel, Indiana. He has more than 10 years of experience with the city as its former director of engineering.



Lisa M. Hall (CHE/CHEM, 2004), PhD, is co-director of Ohio State University's Low Earth Orbit Center of Excellence that's advancing spacecraft materials design through a \$5.5 million grant from the Air Force's Office of Scientific Research. She is a chemical and biomolecular engineering professor at OSU.

Nick J. Snyder (ME, 2005) is technical director with Arrow Schmidt-Peterson Motorsports, where he worked in racing operations since 2011.

Mark W. Catanese (OE, 2006), J.D., has joined the Dickinson Wright law firm's office in California's Silicon Valley. His practice is focused on patent applications for clients ranging from startups to Fortune 500 companies.

MAJORS KEY | **AB:** Applied Biology | **BCMC:** Biochemistry/Molecular Biology | **BE:** Biomedical Engineering | **BIO:** Biology | **BIOE:** Biological Engineering | **CE:** Civil Engineering | **CHE:** Chemical Engineering | **CHEM:** Chemistry | **CPE:** Computer Engineering | **CS:** Computer Science | **ECON:** Economics | **ED:** Engineering Design | **EE:** Electrical Engineering | **EMGT:** Engineering Management | **EN:** Environmental Engineering | **EP:** Engineering Physics | **MATH:** Mathematics | **ME:** Mechanical Engineering | **OE:** Optical Engineering | **PH:** Physics | **SE:** Software Engineering

Lt. Col. Jonathon

Gipson (EE, 2006) is now commanding the Arnold Engineering Development Complex 746th Test Squadron at Holloman Air Force Base in New Mexico. This role is responsible for the developmental testing of air, land, sea, and space guidance and navigation technologies.



Anna D'Lima (BE, 2006), J.D., earned a law degree, with a certificate in intellectual property, from the University of New Hampshire's Franklin Pierce School of Law.

Serena N. Oaks (ME, 2005) joined with a colleague in accepting the Innovation Award at Propel Software's 2024 Propulsion Conference on behalf of Breg Inc., where she is director of product development. The pair was instrumental in using Propel technology to streamline Breg's development processes and increase revenue.

Ryan M. Snyder (BSOE, 2005/MSOE, 2009) has been promoted to staff engineer with Northrop Grumman's precision targeting and protection unit in Apopka, Florida, where he has worked since 2009. He also serves the operating unit as the airborne laser rangefinder/designator product area architect and is a technical fellow.

Jason C. Ramsey (ME, 2006) is president of Midwest Bale Ties, a family-owned business in Crawfordsville, Indiana, that specializes in baling wire products.

Dan W. Williams (CHE, 2008) is chief operations officer with Wabash Valley Resources, which has received a \$1.550 billion U.S. Department of Energy loan to finance a commercial-scale waste-to-ammonia fertilizer production facility in West Terre Haute, Indiana.

Jeremy J. Clarke (SE/CS, 2009) has co-founded another startup, Quin, a digital relationship assistant.

Isaac E. Weintraub (ME, 2009) has been elected an associate fellow of the American Institute of Aeronautics and Astronautics, based on his accomplishments as a senior engineer with the Air Force Research Laboratory. He will be recognized at the 2025 AIAA SciTech Forum in January 2025 in Orlando.

Nicole E. Wheeldon (MSEMG, 2009) is a plant manager with Cummins Inc. and current president of the Bartholomew Consolidated School Board.

10s

Brad S. Pease (CE, 2010) is director of engineering with the City of Carmel, Indiana. He formerly spent seven years as a staff engineer for the city before being an assistant director of engineering for nearby Fishers, Indiana.

Kirk Thompson (AB, 2010), MD, was listed among America's Best Spine Surgeons by Statista and *Newsweek*. He is a surgeon with Campbell Clinic Orthopaedics, serving patients in the Memphis, Tennessee, region since 2020.



Chris M. Wlezien (ME, 2010), senior expert and design director with McKinsey & Company, provided perspective on "How GenAI is Accelerating Design and Engineering" for Altair's Future Says podcast (Season 5, Episode 8: <https://bit.ly/4fv83Qw>)

Chris A. Stemple (CHE, 2011) has been named a 2024 Rising Star by *Plastics News* for his work as the BPA chemical unit manager with Saudi Basic Industries Corporation (SABIC) in Mount Vernon, Indiana.

Kyle L. Wilson (MA/ME, 2011), PhD, has returned to campus as an associate professor of computer science and software engineering. He formerly was the John W. Allender Associate Professor of Ethical Data Science at Washington College (Maryland).

Alex P. (Bledsoe) Rybicki (CHEM, 2013) has been promoted to lead supervisor with Boston Scientific in Spencer, Indiana.

Donald J. Stopka (EE, 2014) is a Lighting Industry Resource Council ambassador, representing the



Kane Now Leading Global Biotech Enterprise

Genome editing pioneer Matthew R. Kane (BSME, 1999/MSBE, 2003) is applying skills in mechanical and biomedical engineering as chief executive officer with Celyad Oncology, a cutting-edge biotechnology company based in Belgium. He has more than 20 years of experience in entrepreneurial and corporate leadership roles and has been involved with several entrepreneurial initiatives within the biotechnology industry.

Most recently, Kane led the development and clinical testing of multiple allogeneic chimeric antigen receptor (CAR) T-cell therapies directed against cancer. He previously led the development of the first editing technology to receive clearance for clinical evaluation as an in vivo gene insertion therapeutic.

His extensive scientific and business acumen have been demonstrated during his career by raising over \$500 million in equity financings and partnerships valued at over \$4 billion.

Kane served as CEO and board member with Tune Therapeutics, Inc., an epigenetic editing biotechnology company. Before that he co-founded the gene editing company, Precision BioSciences, Inc., in 2006 and led the company as CEO and board member until 2021.



Shaw Honored for Career Steel Education Achievements

Bob E. Shaw (CE, 1975), president and founder of the Steel Structures Technology Center, has made an illustrious career out of teaching current and future professionals on aspects of civil engineering technology. That would include being the creator of the American Society of Civil Engineers' Student Steel Bridge Competition nearly 40 years ago and touring the country teaching Load and Resistance Factor Design techniques as part of the American Institute of Steel Construction's (AISC) education department.

Shaw received the AISC's Lifetime Achievement Award earlier this year in recognition for his work educating designers and fabricators and developing professional codes in his original passions: welding and bolting.

Shaw saw a need for more rigorous technical resources and instruction. That's why he left AISC in 1990 to launch a company dedicated to providing resources and help to steel industry professionals. He remains president of Steel Structures Technology Center. The ASCE's student steel bridge competition started with three teams and has grown into an annual event for U.S. engineering colleges and universities, including Rose-Hulman, and inspired similar contests in other countries.

industry advocacy group on a global stage. He is a senior specification sales manager with Acuity Bands in Chicago.

Daniel C. Brindley (ME, 2015) is a program manager with HDT Global in Cincinnati, Ohio. He formerly worked with Zeda and ADDMAN Engineering.

Dimitris I. Valioulis (CE, 2016) is a project engineer with Delta Engineers, Architects & Surveyors.

Georges Adam (ME/EP, 2017), PhD, is a full-time assistant professor of mechanical engineering at Rose-Hulman after being a visiting professor for a year.

Father Zachary Glick (BSME, 2017/MSME, 2019) was ordained a Catholic priest in his home Gary, Indiana, diocese. He hopes to serve as a Catholic chaplain in the Air Force, where he has the rank of second lieutenant. He discerned his Catholic vocation as a senior cadet in Rose-Hulman's Army ROTC unit.



Zach M. Tusk (CE, 2017) is a senior project manager with Messer Construction Company. He has contributed to building projects in the pharmaceutical, aviation, military, and health care industries.

Vibha R. Alangar (BSCSE, 2018/MSEMG, 2020) is a visiting assistant professor of computer science and software engineering at her alma mater. She formerly was a system engineer with Strategic Technical Services.

Lad Gets His Special Day in Chicago

The significant contributions **Ashvin P. Lad** (BSCHE, 1996/MSBE, 1998) have made to the betterment of Chicago were recognized when June 1, 2024, was Ashvin Lad Day in the city. The date marked the anniversary of when Lad moved to the city in 2005. The City Council of Chicago resolution states that for almost two decades Lad "has been an outstanding citizen of Chicago and esteemed member of his community, exemplifying the spirit of resilience, compassion, and civic engagement through his remarkable life journey (as a cancer survivor) and tireless dedication to civic service." Lad also started a new job this fall as director of health system and group partnerships with the American Medical Association.



Weddings



James T. Purciful (CS, 1993) married **Denise Moe** on April 20, 2024, in Carmel, Indiana. The couple resides in Westfield, Indiana, and James is a software engineering director.



Madeline L. Romeo (CE, 2018) and **Kice D. Sanders** (CS, 2018) were married on August 10, 2024, in Crawfordsville, Indiana. They now live in Del Mar, California. The maid of honor was **Carli N. (Weinberg) Hallam** (SE, 2018) and best man was **Erik J. Sanders** (CS, 2014). **Stefanie (Panzenhagen) Dickson** (BSBE, 2018/MSBE, 2019) was a bridesmaid.

Andrew O. Marrack (ME, 2012) and **Amanda Penland** were married on May 18, 2024, in Bloomington, Illinois. They live in Peoria, Illinois, and Andrew is a senior engineer with Caterpillar Inc.



Jason C. Meyer (CHE, 2019) and **Chase Riggs** were married August 10, 2024, in Rose-Hulman's White Chapel. They live in Indianapolis, where Jason is a senior validation engineer with Commissioning Agents Inc. **Jeremy Roy** (ME, 2022) was best man and **Timmy D'Avello** (CS/MA, 2020) was a groomsman.



Julia L. Kubisz (CHEM, 2015) and **Bill A. D'Attilio** (CS/MA, 2015) were married on October 8, 2022, in Indianapolis. They now live in Bloomington, Indiana. Julia is a senior process validation engineer with Catalent while Bill is managing decision science operations with Genesys. Alumni in the wedding party were officiant **Emily J. (Cottingham) Zajac** (CHE, 2015), best man **Garrett S. Shaffer** (EE/MA, 2015), bridesmaid **Laura M. Danhauer** (CHE/CHEM, 2015), and groomsmen **Ryan C. Zajac** (EE, 2015) and **Eric J. Ellingboe** (ME, 2014).

WE WANT YOUR NEWS!

Send news and photographs to alumnirelations@rose-hulman.edu

Rosebuds



Jason A. Clifford (EE/2004) and wife, Natalie, had their first child, daughter Liliana, on August 26, 2024. The family lives in Corvallis, Oregon, where Jason works as a project design engineer with Eaton Corporation.

Rachael E. Ilic (CHE, 2015) and husband, Danny Sperling, welcomed their first child, Micah, on June 18, 2024. The family lives in the Cleveland area. Rachael is a senior chemist with Sherwin-Williams Company.



Jill (Floyd) Birt (AB, 2008) and husband, **Kyle Birt** (ME, 2008), welcomed their third child, Sable Marin, on June 24, 2024. The family lives in Greencastle, Indiana, where Kyle is a packaging engineer with Archer-Daniels-Midland Company.



Brian A. Decker (ME/ECON, 2016) and wife, Emily, welcomed a son, Rory Lee, on April 26, 2024. The family lives in Danville, Indiana. Brian is an associate director of process engineering with Eli Lilly and Company.



Lindsay E. (Klaetsch) McCarty (CS/SE, 2012) and husband, Kevin, welcomed their second child, son Miles, on April 12, 2024. The family lives in Chicago. Lindsay is a software product owner with Donnelley Financial.

Cassidy (Bevington) Pocock (PH/MA, 2016) and husband, Cole, welcomed daughter, Charlotte Rose, on March 14, 2024. The family lives in San Antonio, Texas, where Cassidy is a part-time assistant pastor at her church.



Austin Nash, (BSME, 2013/ MSME, 2015) and wife, Caitlin, welcomed their first child, Wyatt, on April 24, 2024, in Terre Haute. Austin is an assistant professor in the Department of Mechanical Engineering at Rose-Hulman, while Caitlin is assistant director of institutional advancement communications.



Jayme Brace Leger (BE 2017) and husband, **Anthony Leger** (ME, 2016), had their first child, Hazel Ruth, on June 14, 2024. The family lives in West Lafayette, Indiana. Anthony is a technical account manager with ANSYS, Inc.



Rosemary (Yost) Dolesh (CHE, 2015) and **Clay Dolesh** (ME, 2016) welcomed their second son, Benedict William, on January 27, 2024. The family lives in Franklin, Ohio, where Clay is a senior manufacturing engineer with American Battery Solutions.

Kaile J. Wendelin (BE, 2021) and wife, Payton, welcomed their first child, Brooke, on April 11, 2024, in Bloomington, Indiana, where the family lives. Kaile is a supplier engineer with Cook Medical.



In Memoriam

ALUMNI

Stanley H. Updike (ME, 1952), 94, died July 16, 2024, in Painesville, Ohio. He spent 32 years with TRW's valve division, receiving numerous awards and patents for his designs of automotive parts.

William J. Ennis (CE, 1953), 94, died June 23, 2024, in Leesburg, Florida. He operated two successful Terre Haute businesses and was a certified home inspector and president of the Terre Haute City Council during six years of community service in his hometown.

Ronald W. Vahle (EE, 1956), 90, died July 2, 2024, in Ahwatukee, Arizona. He retired after a long engineering career with General Motors' Delco Electronics division.

Frederick W. Goetsch, Jr., (EE, 1957), 88, died May 16, 2024, in Indianapolis. He was a loyal Rose-Hulman supporter, serving as president of the alumni advisory board and Lambda Chi Alpha fraternity's chapter house corporation. Professionally, he worked 35 years with Indiana Bell Telephone Company/Ameritech before retirement.

Jerry L. Manley (ME, 1959), 86, died September 5, 2024, in Rosedale, Indiana. He retired as owner of LARK Commercial Painting and Sandblasting in Terre Haute.

Dean R. Brown (EE, 1960), PhD, 85, died August 2, 2024, in Poland, Ohio. He was a mathematics professor at Youngstown State University for more than 35 years.

H. Joseph Gladden (ME, 1961), 85, died September 5, 2024, in Litchfield, Ohio. He was part of several engineering and research achievements during a 35-year career with NASA.

Richard E. (Dick) Pike (ME, 1961), 85, died September 7, 2024, in Anderson, Indiana. He spent more than 50 years contributing to General Motors Corporation's Delco-Remy division.

Merle D. Rice (EE, 1963), 83, died May 21, 2024, in Huntington, Indiana. He was a high school and college physics teacher, including 30 years at North Side High School in Fort Wayne, Indiana.

Darrol L. Spurgeon (ME, 1963), 82, died June 23, 2024, in White Lake, Michigan. He worked with the Chrysler Corporation and the U.S. Army Tank Automotive Command.

Arthur P. McLaughlin (MSCE, 1967), 83, died August 14, 2024, in Wellsville, New York. He was a civil engineering technology professor at SUNY Alfred for more than 20 years after teaching at Manhattan College in his hometown for five years. He also had a private engineering practice in Brewster and Alfred, both cities in New York, for several years.

Stephen W. James (MA, 1965), 81, died in October of 2024 in Idaho Falls, Idaho.

James W. Davis (PH, 1969), 77, died October 6, 2024, in Folkston, Georgia. He retired as a captain in the Florida National Guard after being awarded the Distinguished Flying Cross and Bronze Star for his military service.

John E. Leonard (EE, 1969), 76, died September 13, 2024, in Atlanta. He was a software consultant with IBM after working with Lithonia Lighting, Morgan Engineering, Brown Boveri, Stran Steel Corporation, and General Electric Company.

James J. Poehling (ECON/MA, 1969), 77, died September 28, 2024, in Fredericksburg, Va. He retired after having leadership positions with U.S. Can and Greenfield Industries, and had several sales positions during a 30-year career with General Electric Company.

Kenneth R. Harlan (ME, 1971), 75, died June 4, 2024, in Crawfordsville, Indiana. He was a manufacturing engineering manager with Raybestos Manhattan, Inc.

for 23 years after starting his career with American Machine and Foundry's wheel goods division.

William H. Henley (ME, 1972), 73, died July 25, 2024, in Indianapolis. He had a 45-year career with Indianapolis Power & Light Company, including being vice president of corporate affairs and rates and regulations.

S. Michael Woodard (ME, 1973), 73, died August 8, 2024, in Indianapolis. He earned a law degree and practiced law for Kightlinger & Gray firm for several years before retiring as a lawyer with Indianapolis Power & Light Company.

Gregory E. Foust (EE, 1974), 72, died August 6, 2024, in Fort Wayne, Indiana. He spent more than 40 years as an electrical engineer with General Electric Company.

Randall L. Phegley (CE, 1978), 68, died August 10, 2024, in Vincennes, Indiana. He retired after a 40-year career with the Indiana Department of Transportation.

Kenneth E. Tague (CHE, 1981), 65, died July 8, 2024, in Springfield, Illinois. He retired as a process safety manager with Archer-Daniel-Midland after being a plant manager with Borden Chemical and working with BFGoodrich Corporation.

Brian D. Wilson (CS/MA, 1987), 59, died September 8, 2024, in Woodbury, Minnesota. He was a database administrator for more than 25 years.

Charity S. Lowry Dudley (CE, 2004), 47, died September 5, 2024, in Indianapolis. She had been a licensed professional engineer, specializing in water and wastewater design, with the Indiana Department of Transportation.

Jeremy A. Norris (ME, 2008), 38, died September 1, 2024, in Lexington, Kentucky. He worked in technical service roles with Fives ST and ArcelorMittal.

FACULTY/STAFF/FRIENDS

Duane F. Bruley, PhD, 91, died August 23, 2024, in Ellicott City, Maryland. He was vice president of academic affairs and tennis coach at Rose-Hulman during a distinguished higher education academic career.

Patrick Ferro, PhD, 63, died July 22, 2024, in Seattle, Washington. He dedicated most of his professional career as an engineering educator, spending several years on Rose-Hulman's mechanical engineering faculty.

Michael McCormick, 85, died October 3, 2024, in Terre Haute. He was a local historian whose expertise was invaluable to the Rose-Hulman Athletic Hall of Fame committee.

James T. Morris (HDHL, 2000), 81, died July 12, 2024, in Indianapolis. He was instrumental in developing Indianapolis into a center for business, cultural, sports, and community activities.

Dr. George Rapp (HDENG, 1993), MD, 92, died September 26, 2024, after being a distinguished Indiana orthopedic surgeon and philanthropic leader.

Betty Jane Long (Reece), 77, died October 11, 2024, in Terre Haute. She retired as a senior systems analyst on campus.

Jack E. Shrader, Jr., 56, died August 5, 2024, in Terre Haute. He served students as an electronics technician with the Department of Electrical and Computer Engineering.

Lucy I. Strauch, 88, died August 31, 2024, in Knightstown, Indiana. She spent several years as a housekeeper for students living in campus residence halls.

Honor Roll of Donors

*S*TILL GOING STRONG AFTER 150 YEARS



For 150 years Rose-Hulman has relied on the generosity of others to provide an education that transforms our students. When Chauncey Rose and his nine friends incorporated what would become Rose-Hulman, they knew that philanthropy was critical to the success. Today, Rose-Hulman still relies on gifts to support our students' educational journey, and we are incredibly grateful for your belief in our mission and look forward to sharing more of the difference you're making.

Whether this is your first time donating or you've been a faithful supporter year after year, your contribution means the world to us and to the students we serve. For our long-time donors, your continued generosity is truly remarkable. Your commitment to our mission has been a source of inspiration and a steady foundation that allows us to plan confidently for the future. Thanks to your unwavering support, we have been able to expand our programs and make a lasting difference in our community. We are incredibly fortunate to have you as a partner on this journey.

To our new donors, your decision to support Rose-Hulman marks the beginning of what we hope will be a long and meaningful relationship. Your contribution is already making an impact, and we are so grateful to have you join our efforts. Together, we can achieve great things and work toward creating a brighter, more hopeful future.

It is through the kindness and generosity of individuals like you that we can continue our efforts in fostering future Rose alumni. Whether you've been with us for years or are just beginning to support our cause, we want you to know how deeply we appreciate your trust and belief in what we do.

Very Sincerely,

Steven P. Brady
Vice President for Institutional Advancement
Brady1@rose-hulman.edu

The following pages recognize gifts from donors of \$1,000 or more from July 1, 2023-June 30, 2024. The Rose-Hulman website rose-hulman.edu/honorrollofdonors provides a complete listing of all donors contributing during the 2023-24 fundraising year. Please direct questions or comments to the Office of Institutional Advancement at 812-877-8453 or DevelopmentOffice@rose-hulman.edu.

GIFT RECOGNITION

For fiscal year 2023-2024

Chauncey Rose Millennium Society

The following lifetime gift recognition societies are determined by the total of all gifts received, including corporate matching gifts.

Platinum Torchbearer: \$10,000,000

Diamond Torchbearer: \$5,000,000

Torchbearer: \$1,000,000

Chauncey Rose Society

Recognizing cumulative gifts made from the donor's first gift to Rose-Hulman through June 30, 2024, including corporate matching gifts.

Chieftain: \$500,000

Fellow: \$250,000

Member: \$50,000

1874 Heritage Society

Recognizing alumni, parents and friends who have made a deferred and/or estate gift commitment to Rose-Hulman. Deferred and estate gifts may be made in the form of bequests, testamentary trusts, annuities, charitable trusts, gifts of real estate with life-retained interest, and other life-income agreements.

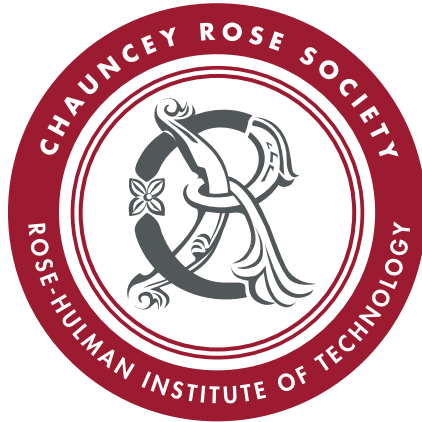
Annual Giving Society

Recognizing annual gifts exceeding \$1,000 from July 1, 2023, to June 30, 2024, including corporate matching gifts.

Corporate & Foundation Giving

Recognizing corporations and foundations that made gifts to Rose-Hulman from July 1, 2023, to June 30, 2024.

Chauncey Rose Millennium Society



Platinum Torchbearer \$10,000,000 and above

Carl Cook HD '15 and Marcy Cook

Tony George HD '03 and Laura George

Mike Hatfield '84 HD '04 and Deborah Hatfield

Linda Mussallem and Mike Mussallem '74 HD '99

Niles Noblitt '73 HD '96 and Nancy Noblitt

Theresa Vonderschmitt

This Society recognizes alumni and friends whose cumulative gifts total \$1,000,000 or more.

Diamond Torchbearer \$5,000,000 to \$9,999,999

Gregg Lowe '84 HD '14 and Diana Lowe

Torchbearer \$1,000,000 to \$4,999,999

Andrew Conru '90

Gayle Cook

Gana Dunlop

Mac Fehsenfeld '52 HD '95* and Nancy Fehsenfeld

Bill Fenoglio '61 HD '87* and Stephanie Salter

Greg Gibson '84 HD '17 and Amy Gibson

David Hannum '81 HD '22 and Kathy Hannum

Dena Hardyman

Felda Hardyman '69 HD '13

Bob Hillis '69 HD '13 and Jenny Hillis

Don Ings '70 HD '99 and Jeanne Ings

Mike McKee '84 and JoAnne McKee

Darin Moody '87 HD '19 and Alison Bates

Pat Noyes '76 HD '16 and Cindy Noyes

Marjorie Pearce

Bud and Annie Perry

John W. Ragle HD '89

Glen Raque '69 HD '99 and Barbara Raque

Don Simpson '57 HD '94

John Swearingen '81 and Anne Swearingen

Chauncey Rose Society

This Society recognizes alumni and friends whose cumulative gifts total \$50,000 or more.

Chauncey Rose Chieftains \$500,000 to \$999,999

Jerry Badger '62

Jim Baumgardt '70 HD '10 and Sharon Baumgardt

Bob Bright '57 HD '01 and Shirley Bright

John Chinn '56 and Jane Chinn

Morris Cleverley '62*

Bob Compton HD '02 and Janice Compton

Tom Dinkel '72 HD '15 and Susie Dinkel

Howard Freers '48 HD '90*

Carol Giacoletto

Marcella F. Guthrie

Larry and Pat Hatfield

Marge Hauser

Mike Huhnke '75 and Karen Huhnke

Bill Johnson '60 and Ginny Johnson

Cindy and Kurt Kalkomey

Edward Kelley '64 and Lynn Kelley

Shirley Kremer

Robert Logsdon '45*

Chris Mack '82 and Susan Mack

Jim Martin

Jeff McCreary '79 HD '04 and Syndii McCreary

John and Norma Mutchner

Mark Owens '72 and Jayne Owens

Kathy and Russell Perry

Gregory N. Ragle

Janet Raines*

John Roysse HD '00 and Peg Roysse

Bill Schindel '69 HD '01 and DeDe Schindel

Rick Schue '75 and Margaret Schue

Susan Scott

Sally Vance

Steve White '73

Chauncey Rose Fellows \$250,000 to \$499,999

Donald J. Almquist HD '93

Butch Beckwith*

Jeff Belskus HD '09 and Debbie Belskus

Nancy Boesenberg

Linda Brown

Morg Bruck '69 and Nancy Bruck

Jeff Brugos '66

Pat Cahill '67 and Mary Cahill

Dennis Carter '73 HD '99 and Janice Carter

Sherman and Maria Chancellor

Cindy Cox

Jack Fenoglio '59 and Margo Fenoglio

Marshall Garino '61

Jackie Gibson

Max* and Jackie Gibson

Jim Gidcumb '76 and Cathy Gidcumb

Elmer Guerri '65 and Deanna Guerri

Jim Hayhurst '64 and Katie Hayhurst

Dave Hoecker '69 and Susan Hoecker

David Kelton '67 and Mary Kelton

Ralph Kirkpatrick '74 and Joyce Kirkpatrick

Roger LaCosse '71 and Linda LaCosse

Bob Luoma '80 and Emily Luoma

John Malmquist '69 and Susan Malmquist

Carla McFarland and John Green

Tony Mlinar '72

Allen and Deborah Olinger

Chris Olinger '15

Dennis Paustenbach '74 HD '07

Carter Smith '56 HD '92 and Phyllis Smith

Andrea Terrell

Erin and Doug Thieme

Lawrence Thomas '57

Mike Thomas '64 HD '97

Jim Umpleby '80 HD '16 and Katherine Umpleby

John Walden '62 and Norma Walden

Joe Wendel '95 and Julie Wendel

Linda E. White HD '23

Marilyn Winters

Ben Zwissler '83 and Pam Zwissler

Chauncey Rose Members \$50,000 to \$249,999

Keith and Janet Anderson

Ron and Gloria Artigue

Christine Bach '00 and Mike Bach '99

Alison Bailey '03 and Andrew Medico

Jim Baker '71 and Mary Addison Baker

Marlow Bakken '10

Steven Bakota '93 and Meghan Bakota

Carl Bals '52 and Margaret Bals

Rob Banerjee '78 and Kathy Banerjee

Alan Bechtel '64 and Martha Bechtel

Brad Bechtel '92

John Beitz* and Avis Beitz

Abigail Bennett '10

Michael Bennett '73 and Marcha Bennett

Larry Berger '60 and Jackye Berger

John Bizal '57 HD '00 and Debbie Bizal

Steve Blair '70 and Jane Blair

Jean Bloxsome

Jack Bokros HD '86 and Roberta Bokros

Wes Bolsen '00 and Rebecca Bolsen

David Boodt '81 and Julia Boodt

Al Bosley '53 and Betty Bosley

John Boyer '65 and Susan Boyer

John Bray '67 and Nancy Bray

Judy Brda

Ed Brett '83 and Lorna Brett

Barlow Brooks '59

Bob Brown*

Tim Brown '82 and Eileen Brown

Tim and Valerie Bruemmer

Patti Brunner

Jeff Burgan '77 and Carol Burgan

Doug Byrer '85 and Elisa Byrer

Bruce Cahill '70 HD '12 and Karen Cahill

Dale Campau '79

Cash Canfield '94 and Mayme Canfield

Lyle Carlson '91 and Mary Carlson

Nate Carlson '07 and Naphtali Carlson

Jason Carlyle '98 and Ann Carlyle

Scott Carney '77 and Judy Carney

Don Carrell '57

Phil Carter '66 and Sue Carter

Keith Cavallini '96 and Nadia Yacoub

Jennifer Chagnon '02 and Armands Chagnon

Mike Chaney '81 and Kathy Chaney

Steve Charlton '64 and Sue Charlton

Paul Chen '66

Rich Christman '72 and Patricia Christman

David Chu

Jeremy Clarke '09 and Cynthia Clarke

Fred Clayton '70 and Kathie Clayton

Martin and Kristin Cless

EVERY GIFT MATTERS

Chauncey Rose Society continued

Jim Coles '69 and Barbara Coles
Jim and Susie Colligan
Bert Combs
Tonya Combs '01 and Phillip Combs
 Beverley and Marian Compton
 Dick Conard '70 and Joan Conard
 Bob Connon '73 and Dana Connon
 Rob and Tammy Coons
 Janet and David Cooper
 Jim and Kathleen Cornelius
 Bob Crowell '84 and Dee Crowell
Lawrence Cuneo
 Matt Dale '18 and Maddie Muncie '19
 Wes Davis '87 and Jennifer Davis
 De Day '03 and Alicia Day '03
 Karen DeGrange
Dan Denlinger '74 and Becky Denlinger
 Joe Sue Denney
 Ron Dollens HD '99 and Susie Dollens
 Mike Donoghue '82
 Craig and Carla Downing
 Bill and Trish Eccles
 Gary Eck '78 and Marlene Eck
Roger Edelbrock '78 and Michelle Edelbrock
 Steve Eisenbrown '76 and Marcia Jo Eisenbrown
 Matt Ellis '05 and Victoria Ellis '06
 Terry Endress '83 and Christi Endress
Kent Erb '77 and Bobbi Erb
 Bob Failing '52 and Marlene Failing
 Jack Farr '75 HD '99 and Sonya Farr
 Jim Fehsenfeld
 Janice Fellows
 Jack Foltz '57 HD '99 * and Dottie Foltz
 Tom Foulkes '15
Pete Fowler '69 and Joane Fowler
 David Freshour '74 and Nancy Freshour
 Paul Georgas '77 and Elaine Georgas
 Holly and Terry Gerace
 Jeffrey and Cydney Gilbertson
 Steve Gillman '79 and Cynthia Gillman
Jim Gilman '74 HD '11 and Jeffri Gilman
 Cindy Godwin
 Jim and Deb Goecker
 Fred Goetsch '57 *
 Dorothy Goodwin
Greg Gotwald '01 and Lindsay Gotwald
 Michael Gough '07 and Jill Gough

Joe Grafe '69 and Karen Grafe
 Jim Graham '72 and Cheryl Graham
Kimberly Gregory
 Doug and Patti Grim
 David Grubb '82 and Sharon Grubb
 Janet Grube
 Pete and Donna Gustafson
 Dave Hackett '55 * and Krystyna Hackett
 Linda Hahn
 Bryan Hales '93 and Holly Hales
 Tomoko Hamada and Richard Draper
 Joe Haniford '80 and Alison Haniford
 Vickie Hannig
 Jan Harmening
 Lou * and Jan Harmening
 Kent and Judy Harris
 Bob Harrison '70
 Celia Harrison
 Jeff Harrison '89
 Larry Hartley '61 and Marlene Hartley
 Shelley Hartsock
 Louise Heath *
 Bob Heavin '73
 Julie and Steve Heck
 Paul Heit '80
 Bill Heller '83
 Greg Henneke '75 and Martha O'Connor
 Carl Herakovich '59 and Marlene Herakovich
 Troy Hill '61 and Nancy Hill
 Mickey Hines '84 and Vicki Hines
 Jean Hodge
 Martha Hogan
 Dan Hohne '99 and Nellie Hohne '99
 Will Holland '65 HD '96 and Jean Holland
 Ken Hollingsworth '59 * and Sue Hollingsworth
 Maggie Holmes
 Dan and Christine Hopkins
 Ronald Hough '73 and Bonnie Hough
 Frank Huff '60 and Linda Huff *
 Josh Hulett '00 and Jamie Hulett '03
 David Hummel '80 and Jane Hummel
 Julie Humphrey Nimmons
 Ella Ingram and Jim Luzar
 Chris Inman '00 and Kathryn Eberle
 Neil Irwin '63 and Michele Irwin

John Jacobi '69 and Jane Jacobi
 Scott Jaeger '89 and Tana Jaeger
 Erik Jansen '78 HD '00
 Gretchen and Don Jennermann
Ron Jennings '60 and Joan Jennings
 Ray Jirousek '70
 Diane Johnson
 Michael Johnson '64 and Alice Johnson
 David and Betty Jones
 Warren Jones '52 and Janet Jones
Scott Josif '72 and Josie Josif
Steve Jugle '07 and Emily Asman Jugle '13
 Birt Kellam '56 * and Louisa Kellam
 Gary Kelm '73 and Margaret Kelm
Dan Keown '91 and Dawn Keown
Doug Kneller '73 and Sherree Kneller
Paul Koch '77 and Raye Koch
 Bruce Kopf '64 and Susan Kopf
 Samuel Kowal '55
Bob Kylander '46
 Jean Kyle
 Pete Lanham '57 and Anne Lanham
Kevin Lanke '97 and Steph Lanke
 Cary and Norma Laxer
 Elaine Lee
 Bob Lenich '81 and Jennifer Lenich
 Ray Lepp '63 and Penny Lepp
 Frank Levinson '03 and Becky Levinson '05
 Cliff Lewis '69 and Anette Lewis
James and Ruth Lewis
Scott Lewis '97 and Jennifer Lewis
Trevor Lobo '00 and Justine Lobo
Tracey Lockhart '02 and Nathan Lockhart '02
 Jim Lowes '70 and Janet Lowes
 Dorothy E. Mabley
 Mike Markowski '78 and Diane Norman
Mike Marlett '73 and Mitzi Marlett
 Paul Mason '56
 Amy Matsuda
Jerry Matthews '77 and Sandy Matthews
 Ken McCleary '83 and Jonnie McCleary
 Tom McCormick '91
 Bill McNiece '73
 Tom McPherron '58 and Sharon McPherron

Laney Meis
 Michael Meneghini '95 and Sarah Meneghini
 Roberta Meredith
Tom Merrill '71 and Jane Merrill
Brent Mewhinney '84 and Rhonda Mewhinney
 Warren Mickens '77 HD '99 and Joyce Mickens
 Mary Kate Miller
 Tony Montgomery '86 and Melissa Montgomery
 Betty Moore
 Jay Moorman '94 and Lisa Moorman
 Nena Moss
Scott Mottonen '87 and Mary Mottonen
 Jerry Muncie '94
 Bob Murray '64 and Connie Murray
 Kedar Murthy '84 and Sai-Krupa Das
 Greg Muse '82 and Beth Muse
 Greg Myers '80 and Gertrude Myers
 Mark Nagy '80 and Gulmira Nagy
 Dick Neal '77 and Linda Neal
 Cindy Neels
 Art Nelson '75 and Jo Ann Nelson *
 Mary Ann Nelson
 John Newlin '43 *
 Bill Nicewanger '63
 Nancy J. Nichols
Kelly Noel '02 and Hans Noel
 Jim Nordmeyer '78 and Jane Nordmeyer
 George and Sarah Novosel
 Kenneth Oberst '72 and Marjorie Oberst
 Ed Oblon '84 and Beth Oblon
 Bill Olah '74 and Janet Olah
 Steve O'Neill '63 and Jan O'Neill
 Asha and Bharat Patel
 Bob Pease '80 and Terri Pease
 Joanna Pease *
 Bill Perkins '60 and Phyllis Perkins
 Jeff and Jen Perry
 Dinah Pethes
 Sandor Pethes '02
 Dee Pietrzak
Mary and Shelton Poland
Bill Posey '88 and Wendy Posey
 Randy Potts '71 and Janet Potts
 Dan Price '75 and Elise Price
 David Price '86

George Rapp HD '93 * and Peggy Rapp *
 Chip Ray '86 and Beth Ray
 Jean Reifenberg
 Gary Reynolds '63 *
Ken Roberts '88 and Kate Roberts
 Lynn Roberts '63 and Linda Roberts
 Randy Robertson '73 and Maryanne Robertson
 Bernie Robinson
 Dave Robinson '73 and Hazel Robinson
 John and Elizabeth Robson
 Margaret Rose
 Nan B. Rose
Mike Salay '83 and Charlotte Salay
Sarah Sanborn '04
 Milt Sanders '58 and Valerie Sanders
 Dustin Sapp '01 and Shelley Sapp
 Bob Schacht '72 and Yvonne Schacht
 Mike Schipper '82 and Joanna Brel
 Georgia Schmidt
Barry Schneider '90 and Verna Schneider
 Rod Schrader '84 and Kim Schrader
 Dana Schuld
 Mark Schulz '76 and Hui Suk Schulz
Alice Schwartz
 Tony Schy '92 and Cheryl Schy
Bob Shaw '75 and Diane Shaw
 Al Shipp '78 and Julie Shipp
 Greg Shutske '71 and Maria Markovich
 Chuck Sigman '80 and Betsy Sigman
 Marjorie Sisson
 Scott Slisher '94 and Michelle Slisher
 Mary K. Small
 Brodie Smith '06 and Kelly Smith
 Denny Smith '71 HD '16 and Lynnette Smith
 Troy Snider '82
 Don Sparks '72 and Cindy Sparks
 John Sparks '81
Russ Sparks '70 and Peggy Sparks
 Anne Staggs
 Charlotte V. Stearley
 Douglas Stewart
 Robert Stone '86
 Ruth Stone
Jim Story '73 and Cathy Story
 Stacy Strawn Williams
 Naomi L. Summerlot

Recognizing Our Latest Chauncey Rose Society and 1874 Heritage Society Members



We welcomed a record number of new Chauncey Rose members this year, adding **103 new members for the 2024 fiscal year**. More than 50 were recognized with new tartan jackets and scarves at this year's Founder's Program during Homecoming.

HONOREES WERE: **Avis Beitz, Steve '70 and Jane Blair, Jeff Brugos '66, Jason Carlyle '98 and Ann Carlye, Jim and Susie Colligan, Dan Denlinger '74 and Becky Denlinger, Roger Edelbrock '78 and Michelle Edelbrock, Steve Goble '71, Greg Gotwald '01 and Lindsay Gotwald, Steve Jugle '07 and Emily Asman Jugle '13, Doug Kneller '73 and Sherree Kneller, Paul Koch '77 and Raye Koch, Bob Kylander '46, Scott Lewis '97 and Jennifer Lewis, Tracey Lockhart '02, Mike Marlett '73 and Mitzi Marlett, Jerry Matthews '77 and Sandy Matthews, Tom Merrill '71 and Jane Merrill, Brent Mewhinney '84 and Rhonda Mewhinney, Kelly Noel '02, Bill Posey '88 and Wendy Posey, Mike Salay '83 and Charlotte Salay, Sarah Sanborn '04, Bob Shaw '75, Jeff Trang '83 and Dianna Trang, Bryan Wallace '81, and Kris Zadlo '89 and Kinga Banas-Zadlo**

NOT PICTURED WERE: **John Beitz, Pete Fowler '69 and Joane Fowler, Dan Keown '91 and Dawn Keown, Nathan Lockhart '02, Hans Noel, Diane Shaw, and Janet Wallace**

Chauncey Rose Society
continued

Jim Summers '62 and Isabel Summers
Peggy Sun Gibson '94
Chick Sweeney '72 and Aggie Sweeney
Greg Swinehart '83 and Mitra Walter
Carol Templeton
Kelsey E. Terry
Tim Tipton '78 and Kathy Tipton
Jeff Trang '83 and Dianna Trang
Chris Trapp '86 and Christine Trapp
Tom Trueb '68 and Pamela Trueb
Jim Trueblood '77 and
Carolyn Trueblood
Kevin Turpin '83 and Cathy Turpin
Gary Tyrrell '90
Daniel Unger '05 and Bridget Unger '05
Patricia A. Valentine
Brian Vargas '00 and Stefanie Vargas
Dave and Joan Voltmer
Bryan Wallace '81 and Janet Wallace
Ken Walter '83 and Mary Beth Walter
Roger Ward '71 and Marilyn Ward
Denny and Suzanne Ware
Mark Ware '00
Matt Warstler '93 and Mitzi Warstler
Scott Webb '90
Mary Wehle
Bill Weil '58 and Marilyn Weil
Luke A. Wendel '23
Marty Wessler '87 and Leslie Wessler
Dave Whitehart '81 and Janet Whitehart
Dave Whiteley '78 and Donna Whiteley
Bonnie Z. Wilcox
Jedd Wilder '18
Robert and Robin Wilder
Andy Williams '88
Bert Williams '67 and Pat Williams
Jeffrey and Marcell Willian
John and Suzanne Willian
Doug Winner '74 and Elaine Winner
Bobby Woolf '90
Marian Woosley *
Allen Wright '64 and Carla Wright
Nathan Wright '88 and Elizabeth Wright
Danlin Xiang '97 and Michelle Cheng '96
Floyd Yager '89 and Kristin Yager
Elizabeth Yee
Kris Zadlo '89 and Kinga Banas-Zadlo



1874 Heritage Society

This society recognizes alumni, parents, and friends who have made a deferred and/or estate gift commitment to Rose-Hulman.

Donald J. Almquist HD '93
Cecil Ambuehl '58
Mike Ayers '71 and Sarah Ayers
Jerry Badger '62
Scott Bagwell '80 and Kathy Bagwell
Priscilla Baker
Chuck Ballou '74
Tim Balz '17 and Sarah Balz
Rob Banerjee '78 and Kathy Banerjee
Dennis Banks '70 and Kathy Banks
Mark Bates '81 and Linda Bates
Dave Baumann '77
Jim Baumgardt '70 HD '10 and Sharon Baumgardt
Butch Beckwith *
Steven Bell '73 and Beverly Bell
Myer Berman '58 and Joan Berman
Bill Bess '66 and Sandra Bess
Cameron Betz '12
John Bigland '74
Jerry Bissey '72 and Regina Bissey
Wes Bolsen '00 and Rebecca Bolsen
John Brabender '81 and Marcia Brabender
Bradley Braun '01 and Angela Braun
Chip Brewer '05
Bob Bright '57 HD '01 and Shirley Bright
Eric Brodeur '93 and Whitney Joondeph
Barlow Brooks '59
Linda Brown
Tim Brown '82 and Eileen Brown

Todd Brown '91 and Wendy Brown
Morg Bruck '69 and Nancy Bruck
Jeff Brugos '66
Patti Brunner
Paul Buechler '76 and Jean Buechler
Ken Bueg '73 and Lynn Bueg
Dick Bunce '68 * and Wanda Bunce *
Pete Canalia '65 and Claudia Canalia
Scott Carney '77 and Judy Carney
Don Carrell '57
Jennifer Chagnon '02 and Armands Chagnon
Sherman and Maria Chancellor
Ethel Chiang and Glen Freimuth
John Chinn '56 and Jane Chinn
Rich Christman '72 and Patricia Christman
Morris Cleverley '62 *
Denny Colvin '74
Bob Connon '73 and Dana Connon
Terry Corbin '70
Ken Cornelison '74 and Jo Cornelison
William and Patricia Correll
Cindy Cox
Marilyn S. Cranin
Tricia Cunningham '00
Bill Dalter '68
Rich Daugherty '63 and Nancy Daugherty
Darrin Davidson '86 and Shelly Davidson
Margaret M. Davis

De Day '03 and Alicia Day '03
Mitch Day '87 and Karen Day
Karen DeGrange
JQ Delap '70 and Ellen Delap
Mike DeZearn '76 and Lou Ann DeZearn
Martin Dixon '75
Peter Doenges '69 and Vicki Doenges
Randy Drew '68 * and Sandy Drew
Bill Dudley '65
Gana Dunlop
Paul Earle '70
Gary Eck '78 and Marlene Eck
Becky Englehart
Ashley Erffmeyer '08
Bob Evans '66 and Jeanne Evans
Lon Farr '07
Mac Fehsenfeld '52 HD '95 * and Nancy Fehsenfeld
Janice Fellows
Terry Fenimore '65 and Rose Ann Fenimore
Bill Fenoglio '61 HD '87 * and Stephanie Salter
Jack Fenoglio '59 and Margo Fenoglio
David Finfrock '76 and Carolyn Reeh
Ray Fischer '90
Bill Fleenor '70 and Judy Fleenor
Jack Foltz '57 HD '99 * and Dottie Foltz
Kevin Forbes '85
Michael Foster '94 and Laura Foster
Rick Foster '70 and Carol Foster
Pete Fowler '69 and Joane Fowler
Rob Fransham '78 and Vicky Fransham
Lee Friel '57
Susan Frischkorn
Marshall Garino '61
Larry Geier '72 and Kimberly Geier

Baron Gemmer '85 and Lydia Gemmer
Paul Georgas '77 and Elaine Georgas
John Gersting
Bill Gibson '74 and Susan Gibson
Don Gibson '83 and Lisa Gibson
Jim Gidcumb '76 and Cathy Gidcumb
Edward Gillum
Joe Gladden '61 * and Mary Gladden
Steve Goble '71
Cindy Godwin
Fred Goetsch '57*
Ed Goheen '60 and Evelyn Goheen
Charles and Mary Ellen Good
Paul Goss '64 and Ellen Goss
Bob Grabbe '74
Bernadine Gradous
Joe Grafe '69 and Karen Grafe
Chuck Graham '76 and Nancy Graham
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Ways to Commemorate Others Through Giving...



Darrin and Shelly Davidson Endowed Scholarship for Mechanical Engineering

Shelly Davidson created an endowed scholarship on behalf of her husband, 1986 mechanical engineering alum Darrin Davidson, as a surprise 60th birthday present. The party had a Rose-Hulman theme. Friends from seven different states were represented at the celebration. The gift of a named scholarship to her husband was one that will keep on giving, supporting mechanical engineering students.



Charles W. Kallis Endowed Scholarship

Charles "Charlie" Kallis' roots were deeply embedded within Terre Haute and Rose. He was born in the city, earned his mechanical engineering degree from Rose Polytechnic Institute in 1957, and then met his beloved wife, Kathy, and raised their three children in his hometown before moving to Siloam Springs, Arkansas, in 1977. That's when Charlie took a job with Jet Stream Plastics, where he worked until retiring in 1993. He started his engineering career with Ethyl Visqueen in Terre Haute. The Kallis family has honored Charlie, who died April 9, 2024, in Peachtree City, Georgia, by setting up a memorial gift that supports Rose-Hulman and its students.

Clayton A. Lewis Memorial Scholarship

This scholarship fund was created by James and Ruth Lewis, parents of 2008 computer engineering alum Clayton A. Lewis. Clayton attended Rose-Hulman's Operation Catapult summer camp for high school students wishing to explore their STEM interests. He loved the instructors so much that he refused to apply to any other school to attend college. This scholarship was created in Clayton's memory and will support Rose students from Indiana for years to come.



Annie Gotwald Memorial Endowed Scholarship

A scholarship was created by Greg Gotwald '01 and his wife, Lindsay Gotwald, to honor the memory of their beloved daughter Annie Gotwald. The 9-year-old girl developed a love for STEM education. Her dream was to attend Rose-Hulman so that she could design rockets to send others to space. This scholarship was established so that Annie can continue to share her love of STEM and help other girls fulfill their dreams.



Joe Wendel Honors Classmate by Sponsoring Shack Lounge

The Shack Lounge has become a popular meeting spot for students on the second floor of the Mussalle Union. The space is a tribute to 1995 alum Brian W. Shattuck (affectionately known as "Shack" by his classmates) for his determination, grit, perseverance, and work ethic. It was a surprise gift from classmate Joe Wendel in honor of his friend.



Koonmen Meeting Room Created

One of the student meeting spaces inside the Fowler Academic Building has been named in memory of a Rose alumni father. The children of 1948 Mechanical Engineering alum, Edward Koonmen, wanted to honor their father by having a student workspace in the Fowler Academic Building named in his memory.



'The Clyde' Conference Room Honors Clyde and Patricia Willian

'The Clyde' Conference Room Honors Clyde and Patricia Willian. One of the collaborative workspaces inside the Fowler Academic Building is "The Clyde," honoring the many contributions of 1952 chemical engineering alum Clyde Willian and his wife, Patricia Strong Willian. Clyde was a prominent Intellectual Property attorney in Chicago and fervent supporter of Rose. He was elected to the Board of Trustees in 1989, served as chair from 2001-2005, and remained a lifetime member until 2020. Patricia grew up in Terre Haute and was the daughter of Dr. Ralph K. Strong, professor of chemistry and head of the Department of Chemistry from 1936-1952.

If you are interested in setting up a commemorative gift, contact the Office of Institutional Advancement at **812-877-8453** or DevelopmentOffice@rose-hulman.edu.

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Recognizing cumulative annual gifts of \$1000 and above from July 1, 2023 to June 30, 2024. (A complete listing can be found by visiting the Rose-Hulman website at www.rose-hulman.edu/honorrollofdonors.)

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 Karon Nowakowski
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 Chris Olinger '15
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 Kevin Patel '05
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 Wayne Patrick '70 and Jean Patrick
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 Richard Payonk '86 and Kymberli Payonk
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 David Perek '07
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 Shellie Peters
 Tom Peterson '73
 Mark Pierce '75 and Connie Pierce
 Alyssa L. Pinkston '23
 John Pinkus '08

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 Jon Pohlman '04 and Kate Pohlman
 Ross Poland '07 and Stephanie Poland
 Mary and Shelton Poland
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Mike Thomas '64 HD '97
Dave Thomas '57 and Carolyn Thomas
Lawrence Thomas '57
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Jeff Trang '83 and Dianna Trang
Chris Trapp '86 and Christine Trapp
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Anne Trobaugh '03
Philip Trubey and Janet McVeigh

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John Turner '75 and Nancy Turner
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Nancy Uhlmansiek
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Katherine Umpleby
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Nate VanSell '98
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Kyle Washburn '17
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Scott Webb '90
Michael Weber '11
Bill Weil '58 and Marilyn Weil
Jerod Weinman '01
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Kevin Wells '12
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Gregory and Linda Westrup
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Bert Williams '67 and Pat Williams
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Karen Folz-Wurtz '21
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Stephanie Wysong
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Daniel Yergeau '89 and
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