

Summer 2014

Volume 2014 - Issue 3 - Summer, 2014

Echoes Staff

Follow this and additional works at: https://scholar.rose-hulman.edu/rose_echoes

Recommended Citation

Staff, Echoes, "Volume 2014 - Issue 3 - Summer, 2014" (2014). *Rose Echoes*. 97.
https://scholar.rose-hulman.edu/rose_echoes/97

This Book is brought to you for free and open access by the Other Institute Publications at Rose-Hulman Scholar. It has been accepted for inclusion in Rose Echoes by an authorized administrator of Rose-Hulman Scholar. For more information, please contact weir1@rose-hulman.edu.

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

Echoes

SUMMER²⁰¹⁴

Vol. 2014, No. 3

FOCUSED ON THE FUTURE

Gregg Lowe Leading High-Tech
Frontier with Entrepreneurial Mindset

A portrait of Gregg Lowe, a middle-aged man with short brown hair, smiling. He is wearing an orange polo shirt with the Freescale logo on the left chest. The background is a blurred indoor setting with orange and white architectural elements.

 freescale

FACULTY EXPERTISE



OUR PROFESSORS ARE LEAVING MARKS ACROSS NATION



Lorraine Olson, Robert Throne, and Adam Nolte

STRIVING TO IMPROVE EARLY BREAST CANCER DETECTION

Academic department heads Lorraine Olson (mechanical engineering), Robert Throne (electrical and computer engineering), and Adam Nolte (chemical engineering) have worked with eight undergraduate students during the past year on a National Science Foundation-sponsored project to automate and refine the manual breast exam process—thus improving early detection of breast cancer. The study uses surface displacement measurements of breast tissue, along with computer analysis, to identify stiffer cancerous tissues inside the less-stiff normal breast tissue. This summer, the research team has used experiments on gelatin tissue phantoms to validate promising computational simulations.

MANUAL TO HELP ENGINEERS COMMUNICATE

Rose-Hulman has long held the belief that communication instruction is equal to technical material in engineering education. Four of our professors have picked up that mantra to write *The Engineering Communication Manual*, being published by Oxford University Press in early 2016. This modular, student-centered approach will provide guidance through all steps of the writing process as well as extra attention to media (slides, posters) and visual data displays that are integral to the engineering workplace. Manual co-authors are English professors Jessica Livingston and Richard House, and mechanical engineering professors Richard Layton and Sean Moseley.



Richard House, Sean Moseley, Jessica Livingston, and Richard Layton



Front Row: Don Richards, Julia Williams, Craig Downing, and Ella Ingram
Back Row: Richard House, Jameel Ahmed, Steve Chenoweth, and Kay C Dee

LEADING THE WAVE OF ENGINEERING EDUCATION CHANGE

A select group of national engineering faculty and administrators learned how to bring educational change to their campuses by attending the Making Academic Change Happen (MACH) workshop, organized by Rose-Hulman this summer at the Indianapolis Motor Speedway. Workshop facilitators were Rose-Hulman faculty members Julia Williams, Ella Ingram, Donald Richards, Kay C Dee, Craig Downing, Richard House, Steve Chenoweth, Eva Andrijcic, and Glen Livesay. For more details, go to www.rose-hulman.edu/MACH.

Learn more at www.rose-hulman.edu

Columns

Page

Message from the President	2-3
Bailey Challenge	32

Developing an Entrepreneurial Mindset

Focus on Entrepreneurial Education	4-6
Entrepreneurial Alumni Profile: Gregg Lowe.....	7-9
Entrepreneurial Alumni Profile: Agnes Berzsenyi.....	10-11
Entrepreneurial Alumni Profile: Breakwater Chicago Duo	12
Entrepreneurial Alumni Profile: Jennifer (Gordon) Braus.....	13
Entrepreneurial Alumni Profile: Charlie Key.....	14
Entrepreneurial Alumni Profile: Dustin DuBois.....	15
Entrepreneurial Alumni Profile: Adam and Marcie Morrison	16
Inside the New-Look Rose-Hulman Ventures.....	17-19

Other Alumni News

'Forever Rose' Initiative	20-23
Alumni Photo Album	33
Alumni Newsmaker: CNN iReporter Kenny Zhu	34
Class Notes.....	35-37
Fall Alumni Award Winners and Alumni Schedule of Events	38
Alumni, Others Help Make A Difference in 2013-14	Inside Back Page

Campus News

Faculty Featured in National Education Initiatives	Inside Cover
Commencement Recap	24-25
Taking Note of What's Happening on Campus	26
Expanding MiNDS Cleanroom and Programs.....	27-29
Observatories Providing Spectacular Astronomical Images	30
Student Feature: Thomas Foulkes	31
Parting Shot: Celebrating Personal Achievement.....	Back Page



A special part of this issue is the Honor Roll of Donors (Pages 39-56) – our way to recognize and thank the many alumni, parents, friends, and other benefactors who contributed to our success from July 1, 2013, through June 30, 2014.



ON THE COVER

Gregg A. Lowe, a 1984 electrical engineering alumnus, has made a career out of sparking the entrepreneurial mindset. Since 2012 he has been president and chief executive officer of Freescale Semiconductor, a global high-tech company based in Austin, Texas. Lowe returned to campus this spring to present the commencement speech and receive an honorary degree from his alma mater. (Photo by Justin Wallace)



Pages 10-11



Pages 17-19



Pages 24-25



Pages 27-29

PUBLICATION CREDITS

Vice President of Enrollment Management and Strategic Communication: James A. Goecker
Vice President of Institutional Advancement: Rickey N. McCurry
Alumni Association President: Dan Wolodkiewicz, Class of 1982
Office of Alumni Affairs: James A. Bertoli, Executive Director; Lauren L. Jackson, Associate Director; Lauren A. Meadows (BE, 2014), Graduate Assistant; and Jenny Zacha, Administrative Assistant
Office of Communications and Marketing: Hyung-Jung Chang, Graphic Designer; Terri Hughes-Lazzell, Senior Marketing Manager; Michael Kratage-Dixon, Marketing Manager; Dale Long, Executive Editor and Director of Media Relations; Traci Nelson-Albertson, Brand Manager; Alia Shuck, Office Coordinator; Julie Tuttle Davis, Senior Director of Interactive Marketing; and Steve Voltmer, Web Manager
Office of Institutional Advancement: Chris Aimone, Director of Planned Giving; Dawn Allee, Database Specialist; Hugh Baker, Regional Advancement Director; Tammy Coons, Director of Donor Relations and Executive Assistant to the Board of Trustees; Mindy L. DiCenso, Administrative Assistant in Development; Grace Findley, Director of Major Gifts; Felisa Javier-Holt, Manager of Prospect Research and Tracking; Jennifer Kenzor, Annual Fund Coordinator; Deanna Kreutz, Executive Assistant to the Vice President for Institutional Advancement; Jennifer Lawrence, Director of Foundation Relations; Daniell Merkel, Executive Director of Advancement Services; Alan Morrison, Special Projects Gift Officer; Amber Parkey, Manager of Gift Accounting; Camille Wallace, Special Events Manager and Planned Giving Assistant; and Brandon Zollner, Director of Corporate Relations
Executive Editor: Dale Long
Contact e-mail: Dale.Long@rose-hulman.edu
Contributing Writers/Designers: Herb Bailey, Steve Kaelble, Carolyn Duffy Marsan, Tim Evans/Saturn Lounge Photography, Terri Hughes-Lazzell, Michael Kratage-Dixon, Dale Long, and Alia Shuck
Photographers: Will Byington, Richard Diteon, James Garber, GE Healthcare Ice Miller LLP, Michael Lanke, Dale Long, William Kline, Terry Miller, Chris Minnick, Shawn Spence, Eric Tao, and Justin Wallace

Class Note/Alumni News Contact: Send alumni news and address updates to alumni@rose-hulman.edu

Echoes is published by:
Rose-Hulman Institute of Technology
 5500 Wabash Avenue, Terre Haute, IN 47803

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.



CONGRATULATORY HANDSHAKE: President Conwell welcomes a member of the Class of 2014 to Rose-Hulman's growing alumni network during this year's commencement. (Photo by Shawn Spence)

'Forever' Lasting

Lessons in "Learn, Earn, and Return"

by Jim Conwell

When students turn the tassel and walk off the stage with that cherished Rose-Hulman diploma, it isn't the closing chapter of a great story between the institute and these new alumni.

Really, it's only the beginning of a whole new chapter as the story in the Forever Rose relationship between Rose-Hulman and our alumni that carries forward, long after campus life is complete.

Learn more about the Forever Rose initiative, a critical component of our Strategic Plan, on pages 20-23.

We all benefit from being part of a broader community of professionals with ties to this institution. Recall how your campus experience was marked by high levels of personal attention and support from our quality faculty and dedicated staff. This is an attribute in which we take great pride.

“We’re committed to building strong connections with our alumni by delivering the kinds of ongoing content, information, and coursework that can help fuel your ongoing success.”

—Jim Conwell, Rose-Hulman President



Committed to Stronger Alumni Connections

Your support network with campus need not fade just because you have moved into the next chapter of your life. A link with the greater Rose-Hulman alumni community is a strong tie to opportunity, camaraderie, advice, support, and a common bond on the issues faced by you and your families.

That could mean finding new friends in a new community after a job transfer, exchanging ideas on innovations in your industry, and participating in alumni club-organized activities.

We’re committed to building strong connections with our alumni by delivering the kinds of ongoing content, information, and coursework that can help fuel your ongoing success. This could come through providing continuing education for your professional growth or licensure credentials. There also could be seminars and short courses that would be taught by our quality faculty or through visiting lecturers. So stay tuned!

The potential of our Forever Rose program is exciting and will benefit all of us as aspects of the plan are implemented.

I will paraphrase some commentary from our Alumni Association Secretary Jim Gidcumb, (CHE, 1976). When asked about the Forever Rose initiative, he reminds us of the adage of our lives having components of “Learn, Earn, and Return.”

Jim says, “Return’ can take many forms—time, talent, and treasure. Our alumni can mentor prospective students or recent graduates in a local area, return to campus to lecture or become more involved at homecoming, become an alumni club coordinator, or begin a more meaningful annual gift program and estate plan to help take Rose-Hulman to the next level of excellence.”

Building Relationship Before Coming to Campus

We’re also reaching out to make relationships with younger aspiring minds, before they even have an opportunity to come to campus as college freshmen.

For example, you may recall that we require all incoming Rose-Hulman students to have studied physics. Unfortunately, physics is often among the first subjects to be cut as school districts deal with restricted finances. The relatively small numbers of students wishing to study physics keeps some schools from offering the subject. Finally, there’s a critical shortfall of qualified physics teachers nationwide.

We’re addressing this problem by making physics available to high school students by distance learning, from our faculty,

through a pilot program this summer.

This will give us the opportunity to make valuable connections with bright, up-and-coming talent that may end up on our campus as undergraduate students. That’s clearly good for all parties involved.



‘Rosebotics’ Opens Robotics Opportunities

Another online program, Rosebotics, has been developed by mechanical engineering professor David Fisher (ME, 2000) to provide a series of easily accessible online courses and robotics competitions to put our alumni—and maybe even their children—at the forefront of innovation.

Rose-Hulman is so much more than an outstanding place to spend four formative undergraduate years. We want—and need—a connection with those we’ve come to know well as students. It’s what’s best for all of us.

Don’t put Rose-Hulman in the past just because you’ve earned your degree. It’s really a way of life. ■

Jim Conwell is Rose-Hulman’s 15th president

PRESIDENT CONWELL NAMED TO STEM HIGHER EDUCATION COUNCIL

President Jim Conwell has been appointed to the STEM Higher Education Council, considering issues that will bring attention to the STEM pipeline-to-jobs and support higher education and industry collaborations.

“I’ve been on the front lines of engineering innovation for the last 17 years, and it is clear there’s an education crisis in America,” says Conwell. “Our country is simply not educating enough scientists, engineers, and mathematicians, and our industry is suffering. I have an interest in being part of the solution for our industry and for our country’s place in the world.”

Before becoming Rose-Hulman’s president, Conwell was vice president of the Jacobs Engineering Group, one of the world’s largest and most diverse providers of engineering and technical services to primary markets. ■



LEARNING VALUABLE LESSONS: Students, past and present, enjoyed this summer exploring entrepreneurial opportunities in Indianapolis as part of TechPoint's Xtern program. They had real-world experiences at six tech companies around Indianapolis, and attended this year's Mira technology awards ceremony. (Photo courtesy of TechPoint)

DEVELOPING THE ENTREPRENEURIAL MINDSET

**New Initiatives Encouraging Tomorrow's Tech Innovators
to Realize the Value of Innovation** By Dale Long

Rose-Hulman is taking steps to encourage students to develop an entrepreneurial mindset, preparation that will be important in a workplace that increasingly rewards individuals who can combine technical excellence with creative and innovative thinking.

Features of these intensified efforts include:

- Being a select member of the Kern Entrepreneurial Engineering Network (KEEN), through The Kern Family Foundation, whose goal is graduating engineers who will contribute to business success, and, in doing so, transform the American workforce.

- Establishing a new entrepreneurship-focused living and learning community, called ESCALATE, supported by Lilly Endowment Inc., which builds students' ability to identify customer and market opportunities, develop innovative solutions, capture value, and build markets.
- The creation of the institute's first Professor of Entrepreneurship and Professor of Practice, within the Department of Engineering Management.
- Establishing entrepreneurship-focused internships, campus workshops, guest lectures, and information exchanges with entrepreneurs and small business executives.

"The world has changed and will change at an even faster pace in the future," says Tom Mason, PhD, emeritus professor of engineering management and economics. His course, "The Entrepreneur," continues to create a pathway for hundreds of Rose-Hulman graduates to be successful entrepreneurs. "The most technical decisions must be made with knowledge of how



"It's important that our students understand the business, legal, and social context in which engineering is practiced. Participation in the KEEN network enhances our ability to provide that understanding."

—Richard Stamper, PhD, ME, 1985
Dean of Faculty

the organization's business model is creating value. Even in large firms, the short time to develop and deliver innovations requires that engineers understand the customers and how they are getting value, and be able to effectively deal with the business issues of providing that value."

Mason continues, "Invention and design are only as good as their application, and great execution demands thinking like that of an entrepreneur."

Producing Engineers with Curiosity and Purpose

The KEEN program's goal is to help selected private U.S. colleges produce graduates with the ability to exercise curiosity about the surrounding world; define problems, opportunities, and solutions in terms of value creation; assess risk; persist through and learn from failure; demonstrate resourcefulness; anticipate technical developments by interpreting surrounding societal and economic trends; and identify new business opportunities.

"Entrepreneurship is not a stand-alone entity, but an integrated part of the workplace," says Craig Downing, PhD, head of the Department of Engineering Management.

"Rose-Hulman students are ideally positioned to take advantage of this type of mindset. They develop strong technical skills (in engineering, science, and math), and when they combine their technical expertise with skills in innovation and entrepreneurship, they are able to successfully address challenges and opportunities in a creative way."

Dean of Innovation and Engagement Bill

Kline, PhD, adds, "The entrepreneurial mindset develops curiosity that results in identifying opportunities from unexpected sources that results in creating something of benefit and value. It is an outlook on life that can be applied in any setting."

A KEEN grant has helped Rose-Hulman implement aspects of the entrepreneurial mindset into faculty training, domain-specific courses, Operation Catapult summer STEM exploratory program for high school students, and Leadership Advancement Program for Rose-Hulman students. Also, case studies have been created to instill that entrepreneurial mindset. In particular, a case study examined the failure of a product that was developed without accounting for the needs of all stakeholders.

Administrators and faculty members will exchange ideas with more than 20 KEEN institutions through conferences and "dense networks" that foster closer working relationships among institutions with similar goals.

Basics of Entrepreneurial Mindset:

- Having an insatiable curiosity about our changing world
- Habitually integrating information from many sources to gain insight
- Identifying unexpected opportunities to create value—and learning through actions ■



VALUABLE EXPERIENCES: Ten students spent this summer in internship positions in leading Shelby County companies as part of Rose-Hulman's IMPaCT partnership, which is inspiring innovation and economic development in the county. This is one of many ways that students are getting real-world experiences and bringing value to companies. (Photo by Gena Linville)

“It’s important that our students understand the business, legal, and social context in which engineering is practiced. Participation in the KEEN network enhances our ability to provide that understanding,” states Dean of Faculty Richard Stamper (ME, 1985), PhD.

New ESCALATE Program Begins This Fall

The entrepreneurial mindset is a critical competency of ESCALATE, a new living and learning community program that prepares students with a business awareness to become technical leaders in today’s competitive global economy—whether in a new venture or an established organization in Indiana.

“We want students to understand that they can pursue an entrepreneurial career in Indiana because the technology, resources, and culture are here and expanding,” says Kline, who joins Downing as ESCALATE program co-directors.

Research suggests that students enrolled in living and learning communities find more meaning and satisfaction in their learning experiences, often leading to a better college experience. ESCALATE builds off the successful educational model of the institute’s Home for Environmentally Responsible Engineers (HERE) program, which emphasizes sustainability issues.

The first ESCALATE student group begins its journey this fall. (See more ESCALATE program details at right.)

Exploring Indiana’s entrepreneurial opportunities was also the focus of TechPoint’s Xtern program, which had eight Rose-Hulman students, past and present, spending this summer



“Entrepreneurship is not a stand-alone entity, but an integrated part of the workplace. Rose-Hulman students are ideally positioned to take advantage of this type of mindset.”

—Craig Downing, PhD
Head, Department of Engineering Management

in a one-of-a-kind summer internship experience. They lived together in downtown Indianapolis and had real-world experiences at six tech companies around the city.

“I have a better understanding of what successful entrepreneurship looks like,” says Marie Stettler (ME, 2014), who spent the summer at ExactTarget, a digital marketing entrepreneurial enterprise. “I saw how big ideas, backed by the right people, can truly become something impactful.”

Collin Trowbridge, a sophomore software engineering student, was an Xtern at hc1.com, a small cloud computing company working to revolutionize the healthcare experience. “I have a better view of entrepreneurship—from what it takes to create a startup, to what it takes to work at one, and make a difference.



EXCHANGING IDEAS: Alumni entrepreneurs, like Cyan Inc. President Mike Hatfield (EE/MA ECON, 1984), have shared their success stories at student-organized campus events. (Photo by Larry Ladig)

In a startup, every resource counts in making an impact to move forward the company. This summer has most definitely expanded my career options. I could now see myself one day opening a business, or working for an entrepreneurial company for a long time.” ■

Dale Long is executive editor of Echoes and director of media relations.

Students Ready for ESCALATE Adventure

Forty-seven freshman students are ready to accept the challenge of being enrolled in Rose-Hulman’s new Engineering Student Community Actively Learning Advanced Technical Entrepreneurship (ESCALATE) program.

ESCALATE has several components including:

- An entrepreneurial living and learning community for specially selected students.
- Curriculum components including design, communication, and entrepreneurship courses.
- Extracurricular activities, including the RISE student entrepreneurship club, workshops, and field trips.
- Internship opportunities at startup companies in Indiana or at Rose-Hulman Ventures.
- Personal attention from faculty/staff to inspire and guide student entrepreneurial interests.
- Collaboration and mentoring opportunities with entrepreneurs around the state.

ESCALATE is supported by Lilly Endowment Inc. and directed by Dean of Innovation and Engagement Bill Kline, PhD, and Craig Downing, PhD, head of the Department of Engineering Management. ■

IGNITING INNOVATION

Gregg Lowe Keeps Freescale
 Semiconductor on Cutting Edge

freescale
 Discover Labs

Story by Carolyn Duffy Marsan
 Photos by Justin Wallace

GREGG LOWE

Electrical Engineering, 1984
 President/CEO, Freescale Semiconductor

Gregg A. Lowe has made a career out of sparking innovative ideas among his employees.

During 28 years in executive roles at Texas Instruments (TI) and the first two years of leading Freescale Semiconductor, Lowe has a history of developing new product lines and technologies in the fast-changing, highly volatile semiconductor industry. This comes from a work ethic and can-do attitude he developed at Rose-Hulman.

“Innovation is about recognizing that you can do the impossible,” he says. “It’s about applying yourself, working hard, and asking for help when you need it. I learned that at Rose-Hulman, developed it at TI, and now I’m fostering it at Freescale.”

Lowe initiated a reshaping of Freescale, a Austin, Texas-based company that’s a leader in microcontrollers (MCUs) and digital networking processors found in e-readers and tablets, medical equipment, cars, home appliances, and computer networks. He identified opportunities for accelerating revenue growth and improving profitability. These strategic initiatives have helped the company gain market share and increase gross margins (2013 revenues of \$4.19 billion), setting the stage for future growth.

Freescale Discovery Labs were established by Lowe to support disruptive innovations that will take five or more years to come to fruition. It is similar to the Kilby Labs innovation centers that Lowe founded during the TI stint in his career. Both facilities

GETTING PERSONAL

GREGG A. LOWE

President and Chief Executive Officer
Freescale Semiconductor
Austin, Texas
June 2012–Present



ACADEMIC BACKGROUND

- Bachelor of Science, Electrical Engineering, 1984
- Stanford University's Executive Program, 1997

CAREER ACHIEVEMENTS

- Freescale Semiconductor
 - Initiated reshaping of company to identify opportunities for accelerating revenue growth and improving profitability
 - Helped company gain market share and increase gross margins
- Texas Instruments, 1984–2012
 - Senior Vice President of Analog Business Unit, 2001–2012
 - Managed Product Organizations, 1994–2001
 - Led European automotive sales force, 1989–1994
 - Started in Automobile Industry Sales, 1984

ROSE-HULMAN CAREER/AWARDS

- Honorary Doctorate of Engineering, 2014
- Member, Board of Trustees, 2007–Present
- Alumni Association's Career Achievement Award, 2004

PERSONAL RECOGNITION

- Named one of the top 100 STEM leaders, STEMconnector, 2013
- Participated in *U.S. News & World Report's* STEM Solutions Summit, 2013
- Director, Rock and Roll Hall of Fame and Museum, Inc., 2010–Present
 - Education Committee Chair
- Board Member, Baylor Health Care System, 2010–Present

FAMILY/NOTABLES

- From Cleveland, Ohio
- Resides in Austin, Texas
 - Wife, Diana
 - Two children attending college

“Innovation is about recognizing that you can do the impossible. It's about applying yourself, working hard, and asking for help when you need it.”

—Gregg A. Lowe (EE, 1984)
President/CEO, Freescale Semiconductor

focus on research and development (R&D) of products that can be commercialized within a span of three to five years.

“Lots of companies spend a lot of money on R&D. At Freescale, 19 percent of our revenue is spent on R&D (\$755 million in 2013). But most companies are spending the money on development and not research,” Lowe says. “At our Freescale Discovery Labs, we're looking at breakthrough innovations that are going to transform our industry. Most of the projects will fail...but we're going to find a small percentage of those breakthrough ideas that really wow our customers. When you visit with people in the Freescale Discovery Labs, you see the energy and enthusiasm and the take-on-the-world mentality.”

Freescale engineers pitch an idea that they would like to develop at the discovery laboratories in Austin or Toulouse, France. If chosen, they are given 6–18 months to work exclusively on the project. Around 30 engineers are working at each Freescale Discovery Lab at any given time.

Lowe views the Discovery Labs as the pinnacle of innovation at Freescale, but he sees opportunities for all of the company's employees to be creative and daring on the job.



GRACIOUS HOST: Greg joined his wife, Diana, in hosting an alumni social event in their Austin, Texas home earlier this year.

“All 16,500 employees of Freescale are encouraged to be innovative and to take risks, but the Freescale Discovery Labs are a shining example of that,” Lowe states. “Folks in manufacturing, product designing, product planning, and sales have great ideas for taking the business we have and moving it forward. We don't want innovation to only occur in our innovation centers. We want all employees to feel like their ideas are valued.”

Lowe explains that companies are not innovative, people are. In order to be creative, a company has to encourage employees to take risks and must tolerate failure.

“It's about having a culture around the excitement of innovation,” he says. “You have to realize that many ideas won't work. When you try something and fail, you need to do a couple things: You need to own it, be accountable for it, learn from your mistakes, and do something different next time. If we have 16,500 people doing this, we will have a better, more innovative company to everyone's credit.”



This inventive culture attracted Jesse A. Garcia, a 2012 Rose-Hulman computer engineering graduate, who joined the company’s engineering rotation program in November, 2013. It has allowed him to spend four-month stints learning about documentation, business development, and manufacturing operations.

“The semiconductor industry is a very fast-paced environment, and the risk tolerance is low,” Garcia said. “Gregg supports long-range research projects at the Discovery Labs, and believes that the only real failure is if we don’t learn anything. There are a lot of great opportunities here to explore ideas.”

Lowe has been an innovative thinker since he was a teenager growing up in Cleveland. He chose to attend Rose-Hulman after being accepted to Harvard University. The four years spent on campus were intense and fun, featuring a starting role as a lineman on the football team.

“It definitely made me bring up my game,” he states. “I had to study harder. I had to work harder. That aspect of Rose-Hulman was very good for me.”

Rose-Hulman fostered Lowe’s innovative spirit by teaching him that with enough hard work, he could achieve what at first glance appeared unachievable.

“That’s really what drives innovation: the belief that anything is possible,” he says.

Lowe believes that an engineering degree is an ideal foundation for any career, from business, to medicine, to law. That’s why he

“The semiconductor industry is a very fast-paced environment, and the risk tolerance is low. Gregg supports long-range research projects at the Discovery Labs, and believes that the only real failure is if we don’t learn anything.”

—Jesse A. Garcia (*CPE*, 2012), left in photo
Freescale Semiconductor Employee since November, 2013

contributes his time and money to Rose-Hulman; supports a successful pre-engineering program at his other alma mater, St. Edward High School in Lakewood, Ohio; and created the Freescale Foundation, which provides funding to a variety of national K-12 science, technology, engineering, and mathematics programs.

“I made a risky choice in turning down Harvard and going to Rose-Hulman,” Lowe concludes. “It was the right choice because it gave me a strong set of principles: being well-educated and trained in engineering fundamentals; being a practical problem-solver; knowing how to work hard; and the belief that I could achieve the impossible.” ■

Carolyn Duffy Marsan, a frequent Echoes contributor, is also a national correspondent for Network World, and has written for MacWorld, PC World, and CEO magazines.



GLOBAL ENTERPRISES

Berzsenyi Keeps GE Healthcare
at Forefront of Innovation

Story by Michael Kratage-Dixon

AGNES BERZSENYI

MS, Mechanical Engineering, 1995
General Manager-Dose/Education Services,
GE Healthcare

With an estimated value of \$146 billion, and 300,000 employees, you might be hesitant to refer to the General Electric Company as being a “nimble” business enterprise.

But don’t tell that to Agnes Berzsenyi or members of her global team. As general manager of dose and education services at GE Healthcare, the Rose-Hulman alumna refers to her businesses as “startups,” and clearly leads global teams with the passion and commitment of a Silicon Valley high-tech professional.

“To me an entrepreneurial mindset or spirit is all about empowering team members to believe in the ultimate vision and passion, and you have to run the business like your own company,” she says.

For Berzsenyi, key elements of entrepreneurship is all about figuring out your customers’ needs and, then, creating value for those customers—rather than letting innovation drive customer creation. After all, Imagination at Work is GE’s motto.

“Pick a segment, win that segment, be focused, drive awareness, and make sure that your solution is really meeting the needs for the segment,” says Berzsenyi.

Her third GE Healthcare startup is DoseWatch, a web-based application that retrieves, tracks, and reports radiation dose, helping doctors optimize and manage dosages for their patients while preserving diagnostic quality images.

Berzsenyi calls it “making the invisible, visible.”

DoseWatch has benefited from lessons learned and processes put in place as a result of her earlier ventures. One of those was the V-Scan, a portable ultrasound device designed to “revolutionize the physical exam,” in her words, by allowing doctors to get immediate feedback from patients during an exam. The device was launched in over 100 countries around the world. Her first venture was a joint home healthcare venture with Intel.

Being an “intrapreneur” within a Fortune 500 company, with

operations across the globe, also has its benefits, according to Berzsényi.

“We are moving faster,” she says. “We see the results in a very different way. If something needs to be fixed, we put a couple of people on it right away to meet the needs of that customer.”

GE is an advanced technology, services, and finance company with scale, resources, and expertise to take on the world’s toughest challenges. Dedicated to innovation in the areas of health, transportation, and infrastructure, the company is committed to leadership, partnership, and human progress.

Berzsényi started her career in GE’s aviation division after being accepted into the company’s technical leadership program. She has spent the rest of her time in healthcare operations throughout the world. Experiences in engineering, quality control, services, marketing, and product management have been helpful in her present global senior leadership position.

Twenty years into a career within the same company hasn’t tempered her entrepreneurial drive. She’s always looking ahead to the next challenge.

“I’m blessed to have a unique opportunity to be a part of the changes we are driving, not only at GE but also in worldwide healthcare—having a passion and believing in the purpose. That’s what drives me,” she says.

Berzsényi plans to return to Rose-Hulman this fall to share her entrepreneurial and global leader experiences as a speaker at the institute’s annual Rose Startup Conference, organized by students. She supports her alma mater’s intensified efforts to expand entrepreneur educational opportunities and experiences.

Born and raised in Hungary, Berzsényi has lived throughout the world with GE and now calls Wisconsin home with her husband, Daniel (ME, 1994), and their two daughters. She is proud to have a work-life balance and encourages members of her team to do the same. ■

Michael Kratage-Dixon is marketing manager at Rose-Hulman.



IN SPOTLIGHT: Agnes Berzsényi addresses the media at the launch of GE’s V-Scan medical device in Beijing, China. Over 250 guests were in attendance, including GE Healthcare leaders, journalists, sport celebrities, and government officials. (Photo Courtesy GE Healthcare)



HEALTHCARE INNOVATION: GE Healthcare works on things that matter—great people, like Agnes Berzsényi, and technologies taking on tough challenges. (Photo by Tim Evans/Saturn Lounge Photography)



BEAU D'ARCY

Mechanical Engineering, 2003

ASHVIN LAD

Chemical Engineering, 1996

Co-Founders, Breakwater Chicago

Alumni Duo Floating Windy City Dream

Story by Michael Kratage-Dixon/Photo by Will Byington

Beau D'Arcy and Ashvin Lad hope to change the way Chicagoland residents play on Lake Michigan through an enterprising venture that's part luxury yacht and part entertainment complex.

Breakwater Chicago, LLC, offers a vessel that's roughly 100 feet wide and the length of a football field. It will be filled with restaurants, retail shops, a swimming pool, a sun deck, and room for boats to dock, all just inside the city's breakwater, nearly a mile from shore. Guests will have a spectacular view of the Chicago skyline.

This has long been the dream of D'Arcy, a Chicago area native who noticed that the Windy City's boating community lacked local destinations for day trips. He also had been looking for a location for a Las Vegas-style poolside entertainment venue. This venture satisfies both of these entrepreneurial aspirations.

Lad joined the leadership team in 2013, and he's using his experience in Chicago government circles to help navigate the different levels of government approval. His background in

marketing, business development, and community affairs is helping to gain project stakeholders.

The aspirations are big with an estimated \$23 million investment, and the venture is off to a strong start. A Kickstarter fundraising campaign raised \$38,180 within about 36 hours—exceeding its \$30,000 goal. Most of those 430 donors were people D'Arcy and Ladd had never met.

"The uniqueness of the project really (has) drawn people to it," says D'Arcy. "We've been completely blown away by the support."

D'Arcy is no stranger to thinking big, taking the lessons learned from earning a master's degree in business management from Harvard Business School to start the companies Heat Wrangler, Inc. and Effortless Energy, Inc.

"As entrepreneurs we have to be way out on the risk curve and tolerate the wild rollercoaster ride. There are really good days and really bad days, and not too many in-between," he says. "Lessons you learn from failure pay dividends for a lifetime. They accelerate your ability to stay focused on your true project priorities."

Lad, who spent the past nine years in the Chicago area, is also enjoying the ride. "I never thought I would be an entrepreneur or work for a startup from the ground up," he says. "When Beau gave me an opportunity to have my own boat, restaurant, and pool, how could I say no to that?" ■

Michael Kratage-Dixon is Rose-Hulman's marketing manager.

Braus Takes Different Pathway to Finding Business Success

By Dale Long

Jennifer (Gordon) Braus hopes to prove that you don't need to start a business to be a successful entrepreneur. Rather, you can also take an existing small- or medium-sized enterprise to new heights of growth and prosperity.

Entrepreneurship-through-acquisition is a relatively new business concept, and Braus is believed to be one of the few women in this area of entrepreneurship that's filled with less risk, but more satisfaction.

Earlier this year, she founded Leadership Choice Capital, a search firm backed by private investors in Portland, Oregon, that's searching to acquire a successful United States business by providing both capital and new management talent.

Braus draws upon her experience as an engineer and passion for general management to make Leadership Choice a great partner for owners looking to transition their business into trustworthy hands.

Ideal business prospects possess \$3 million or more in annual revenue, high rate of repeat business, and stable, positive cash flows in industries such as business services, niche manufacturing, or niche distribution.

"We want to partner with the right business that is ready for new, energetic management, and capital necessary for growth," she says. "I'm looking for a business-owner wanting to transition now. Maybe it's a family-owned business without a next generation to take over. I'm committed to do what is right for the business and the owner, and my investors and I are dedicated to invest in the long-term growth of the business. This is a unique path to achieving my career goals as well as providing an ideal exit for an owner."

Braus began her career as a systems engineer for a high-tech medical device manufacturer, contributing to a variety of early- and late-stage development projects. She also gained invaluable operations experience as a process improvement consultant for product development and manufacturing groups.

She left industry to expand her professional and personal horizons, earning a master's degree in business administration



JENNIFER (GORDON) BRAUS

Biomedical Eng./Mechanical Eng., 2008
Director, Leadership Choice Capital

from Harvard Business School in 2013. That's where Braus learned about the concept of entrepreneurship through acquisition and met Leadership Choice Capital's investors. Before beginning her acquisition search, Braus then joined her husband, Dan, in spending a year as a volunteer consultant for an orphanage in rural Honduras.

"I'm now staking my career on the right business acquisition," Braus states. "I spent four months reviewing the portfolios of 90 companies, and became really interested in maybe 10. Now, it looks like five might be a really good fit for me. I am always looking for new businesses, ready to find the right business at the right price and move quickly. I haven't found the right one yet."

She continues, "I understand that the selling of a business is a life-changing event. I am dedicated to providing a smooth transition and being a responsible steward of the business an owner has worked a lifetime to build. I have entered a competitive business world where others are looking for the same opportunities. I have to be patient, but ready, and know I will be successful and reach my goals." ■

Dale Long is executive editor of Echoes and director of media relations.

Key Unlocking Web Discoveries for Hometown Progressive Startup

By Michael Kratage-Dixon

Charlie Key's role as co-founder and chief executive officer of an innovative startup with six employees, a few contractors, and lots of worries has evolved into responsibilities that oversee a multi-million dollar company.

Key's Modulus was acquired this summer by Progress Software Corp., a publicly traded global software company with \$334 million of revenue in 2013. This transaction has brought an infusion of finances, more employees, higher expectations, and more challenges for the boss.

"Progress told everybody 'We believe in you guys, we believe in the product.' Now, we have to prove that our product is that good," says Key.

Like many of his fellow Rose-Hulman alumni, Key is a problem-solver. He and co-founder Brandon Cannaday (SE, 2006) couldn't find a web hosting platform for a Facebook game application that the duo developed as employees for a Fortune 500 company. That's when their entrepreneurial instincts kicked in at Key's hometown of Cincinnati, Ohio.

Started in 2012, Modulus helps nearly 500 clients manage their digital applications and websites, and analyzes the data those apps generate. The firm is a leading provider of Node.js hosting, and provides a complete technology stack for application developers.

"I get inspired every time I see someone using something I've built in the real world, especially when it's making their life easier."

—Charlie Key, CPE, 2007
Co-Founder/CEO, Modulus

"Web development is in a period of dramatic change as apps now need to be more event-driven than ever in order to provide the best user experience," Progress Software Chief Technology Officer Karen Tegan Padir states. "The Modulus Node.js and MongoDB cloud platform is the best solution for creating, deploying, and monitoring these types of real-time connected apps and is part of an incredible, thriving open source community."



CHARLIE KEY
Computer Engineering, 2007
Founder/CEO, Modulus

Modulus (www.modulus.io), Cincinnati's 2013 Startup Champion, has released a new set of add-ons as part of its add-on marketplace, designed to make it easy for Node.js developers to build new functionality into their applications quickly. One add-in is SendGrid, a cloud-based e-mail service that gives businesses a cost-efficient and simple way to send messages.

Being a part of Progress Software's corporate entity hasn't dampened Key's entrepreneurial spirit. He hopes Modulus will eventually provide a significant piece of the company's revenue, and he intends to remain in a decision-making role.

"I get inspired every time I see someone using something I've built in the real world, especially when it's making their life easier," Key says.

Before starting Modulus, Key worked as a consultant for several Fortune 500 companies. He's dedicated to building a highly technical company in the Midwest and continuing to encourage other startups in his hometown region. He was a speaker at Rose-Hulman's first student-organized startup conference in 2012. ■

Michael Kratage-Dixon is Rose-Hulman's marketing manager.

DuBois' Technical, Legal Knowledge Helping Entrepreneurs Realize Dreams

By Dale Long

Dustin DuBois helps high-tech entrepreneurs realize their dreams and build their tech companies as an attorney at one of the Midwest's most influential law firms.

As a partner in the Ice Miller law firm, DuBois and his colleagues in the firm's business group guide clients through the entire life cycle of building their companies, securing investment, and selling their companies.

On the other side of the negotiation table, DuBois has represented investors and acquiring companies in hundreds of deals, providing the understanding of what investors and buyers expect of their target companies. DuBois uses this perspective to the advantage of client companies through building portfolios of patents and other intellectual property, negotiations within merger, acquisition, and investment deals, and drafting and negotiating all kinds of other contracts.

DuBois has also played a key role in negotiating licensing and supply contracts for clients, often with some of the largest

“As lawyers, we get a chance to play a significant role in the most important and interesting events of our clients' businesses.”

—Dustin DuBois, CHE, 1992
Partner, Ice Miller LLP

Rose-Hulman education every day.”

One of DuBois' biggest adventures may have been as part of Ice Miller's team serving ExactTarget in Salesforce's \$2.5 billion acquisition of the Indianapolis seller of marketing software. He also had a role in ExactTarget's initial public offering on the New York Stock Exchange, raising more than \$161 million.

companies in the world. He uses his engineering education to better understand the subject matter of the contracts he negotiates.

“To strike the right balance with key contract provisions, it's crucial to understand the risks and exposure a client might face by outsourcing all of its data storage to the cloud, changing a mission-critical software platform, or entering a long-term agreement to supply parts to the world's largest electronics manufacturer. That's how I use my



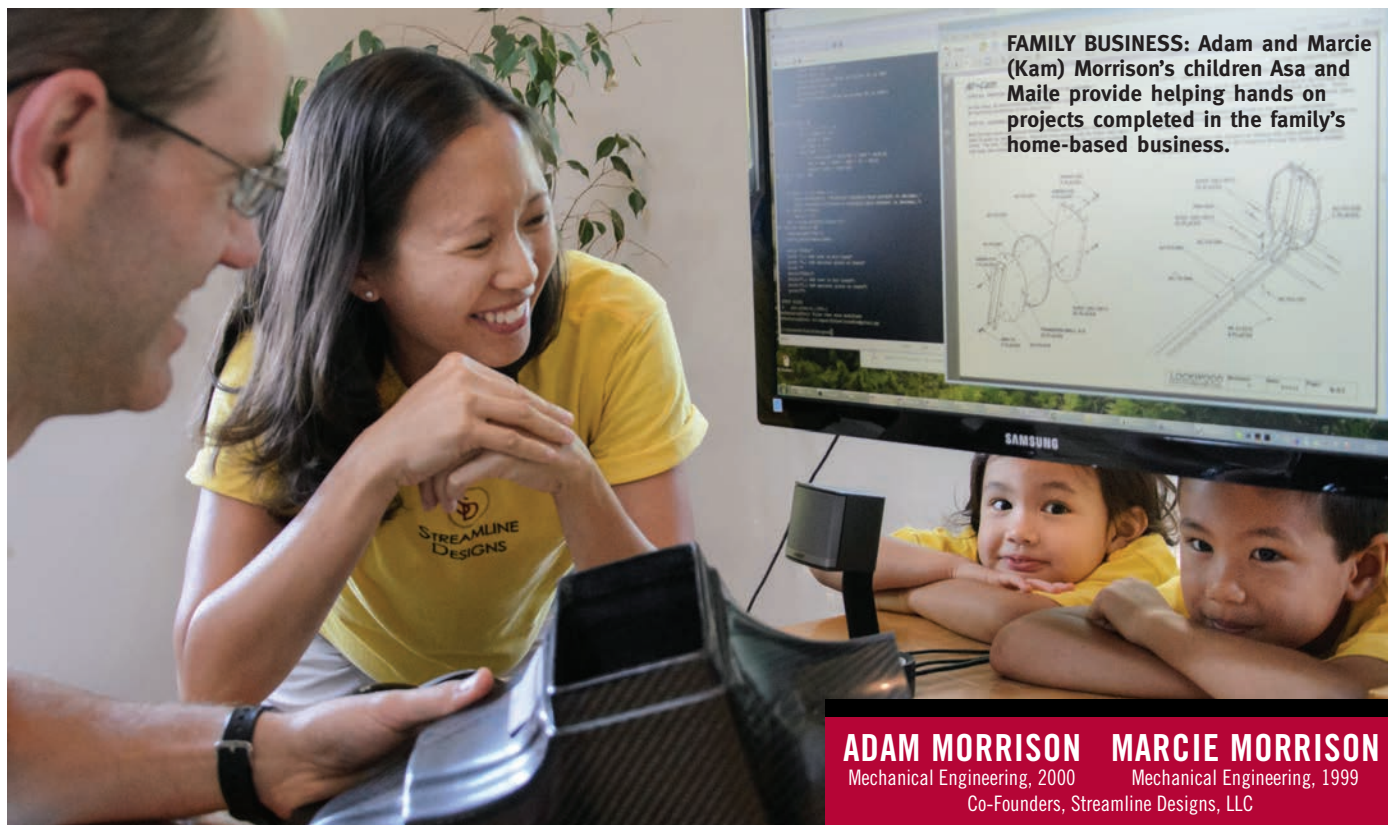
DUSTIN DuBOIS
Chemical Engineering, 1992
Partner, Ice Miller LLP

“As lawyers, we get a chance to play a significant role in the most important and interesting events of our clients' businesses,” DuBois says. “It's a rush to play that role, and be involved with a client like ExactTarget as it goes public or sells for a couple billion dollars. That's enough for me: to know that we play such a role in our clients' success. I don't know that I have the stomach for taking the risk of starting and growing a business like our clients do.”

He adds, “Frankly, we are extremely entrepreneurial within Ice Miller. I've helped and continue to grow a practice that does a great job of supporting software and tech companies, and recently we have formed a new data security and privacy group that, based on our people involved, should be a significant benefit to our clients.”

DuBois worked in product development, management, and technical advisory capacities for Bemis and divisions of Caterpillar, General Motors, and Betz Laboratories prior to attending and graduating in 2000 from the Indiana University School of Law. ■

Dale Long is executive editor of Echoes and director of news services.



Entrepreneurship a Family Affair for Morrisons

Story by Michael Kratage-Dixon; Photo by Chris Minnick

"If we were able to work together in Microprocessors class, we could work together in marriage." Those words, spoken by Adam Morrison, have proven true during the past 17 years in a partnership with Marcie (Kam) Morrison that includes their business, Streamline Designs, and a growing family.

Operations are based from the couple's home near Greenwood, Indiana. It's a lifestyle that both mechanical engineering alumni sought after working for Rolls-Royce following graduation.

"From childhood and into college, I was interested in owning and running my own business," says Adam.

Streamline Designs (www.sportplannedesign.com) was developed in 2003 to take advantage of developing opportunities in certification of light aircraft designs, and to provide valuable resources to help smaller organizations meet their engineering and product development goals.

"We specialize in the nitty-gritty and the 50,000-foot view of engineering projects," says Adam, who was recognized by ASTM International in 2012 for service to the light aircraft community.

The couple has incorporated their particular entrepreneurial vision into every aspect of their lives. Adam and Marcie have

wished to achieve innovative projects, while being self-sustaining. They have remained a debt-free business by investing resources back into the business, and being creative about it.

"For us, entrepreneurship is not a means to more cash, it is a life that allows us to focus on things that we value as people and as a family," says Marcie.

This philosophy shines through in the home-school they are providing for their kids: boys Albie, 8; Asa, 6; and Avdon, 2, and their sister Maile, 4. A fifth child is expected in October.

"For us, entrepreneurship is not a means to more cash, it is a life that allows us to focus on things that we value as people and as a family."

—Marcie (Kam) Morrison

"We don't compartmentalize very much, everything is integrated. Over family meals we talk about the kids pitching us ideas to be funded," shares Marcie, adding: "Math class is not just math; it is putting together a business plan." ■

EFFECTIVE WORKSPACE: The new mechanical design room brings project conception, fabrication, and production in one area.

Innovative Facelift

Renovations Help Rose-Hulman Ventures Meet Educational Opportunities

Story by Terri Hughes-Lazzell/Photos by Chris Minnick

ROSE-HULMAN VENTURES RENOVATIONS



PROUD PAST: Testimonials and names of past student interns fill one wall.

Rose-Hulman Ventures has undergone a transformation. The long list of renovations improve project development areas, and help managers and interns to better serve clients.

The changes are apparent the minute you walk into the 35,000 square-foot building, located on the institute's South Campus.

Management offices have been re-located near the front entrance; a professional-style presentation room has replaced the old servery area; and there are updated common areas that showcase the success of past projects and the names of all student interns since the building's opening in 2000.

Expanded state-of-the-art project development rooms provide better collaborative and idea-sharing workspaces, improving internship experiences for Rose-Hulman students, and bringing more value to client relationships.

"We wanted to improve our processes and add square footage to all project areas, and locate related project areas together," explains Elizabeth Hagerman (CHE, 2000), PhD, vice president for Rose-Hulman Ventures (RHV).

The renovated facilities now feature having a heavy fabrication area inside the building. Machine shop equipment is now

enclosed for soundproofing and improved safety. A new adjustable dock allows projects to be loaded directly onto trucks, instead of being disassembled and reassembled once removed from the building.

"The renovation has allowed us to make the best use of the building within its practical limitations," says RHV Director of Engineering Brian Dougherty (EE, 1993; MSEM, 1999).

Other alumni taking advantage of the new workspaces are Mitch Landess (EE, 1994; MSEE, 1996), director of business development and operations; senior project managers Jonathan Labayo (CPE, 2002) and Sandor Pethes (CS, 2002); and project managers Zhan Chen (MSAO, 2003), Barry Davignon (ME, 1990; MSME, 1993), and Nathan Weir (CS, 2012). Lance Gassert (CE, 2005), operations manager for Garmong Construction Services, managed the renovation

project for the contractor.

"The project managers like how they can connect with interns more efficiently," Hagerman adds.

For example, the computer software development room is now

ROSE-HULMAN
Ventures
DESIGN · DEVELOP · DELIVER

ROSE-HULMAN VENTURES is a unique operational model for university/industry interaction. It offers clients access to top-caliber creative thinkers and problem solvers, and gives students real-world, hands-on learning experiences. Student interns with Rose-Hulman Ventures aren't just learning about engineering; they're practicing it to drive real business value for clients. The state-of-the-art, 35,000-square-foot facility is located on a 180-acre certified technology park on Rose-Hulman's South Campus. ■

Learn more at www.rhventures.org

"Our new features enhance all of our projects, and the excitement supports what we do and how we think."

—Elizabeth Hagerman, (CHE, 2000), PhD, Vice President for Rose-Hulman Ventures



BRIGHT NEW LOOK:
A second floor hallway recognizes former interns and inspires current interns.

“Interns enjoy more personal space and more opportunity to interact with (and learn from) their peers.”

—Nathan Weir (CS, 2012)
Project Manager, Rose-Hulman Ventures

divided into “islands” to accommodate one or more software teams, and the entire room is a single open space that allows for teamwork between projects. The open concept can also be found in the electrical systems development area, with some work benches, while the mechanical area has been segmented into two large rooms, one for intern workstations and mobile project work, and another housing the mechanical tooling and hardware.

“Interns enjoy more personal space and more opportunity to interact with (and learn from) their peers,” says Weir, whose career with RHV started as an intern in 2008.

Hagerman agreed, stating that the renovated RHV resembles the design house atmosphere that was its original concept. “Our new features enhance all of our projects, and the excitement supports what we do and how we think,” she says.

Major Renovations at Rose-Hulman Ventures:

- Converted 16 small spaces into five major engineering labs to provide better access by project managers and student interns—improving efficiency.
- Added a heavy fabrication space in the mechanical engineering area.
- Relocated a prototype shop within the electrical engineering design area.
- Increased lab space for projects needing special safety, security, or other isolation requirements.
- Created an open software development lab within the development server hardware.
- Created a 90-person presentation showcase.
- Moved the management offices to a central location near the building’s entrance.
- Replaced the original dining room with a more functional break room.
- Added a loading dock so that projects can be easily loaded for delivery. ■



EXPANDED AREAS: A professional-style presentation room, replacing the old servery area, is one of several new areas on the first floor.

For Dougherty, RHV’s new synergy is a key outcome of the renovation project. The open-concept workspaces provide co-habitation of projects by interns, project managers, and management.

“Where interns or project managers may have gone throughout the building searching for other team members, they now can literally turn around and look to another bench and discuss projects,” he says. “Everyone loves the new work environment.”

The result, according to Dougherty, is that interns are getting projects done more efficiently, working together on equipment, and sharing ideas. This translates into more value to the client.

Primary costs for the renovations were covered by proceeds of Rose-Hulman’s South Campus being a certified technology park. ■

Terri Hughes-Lazzell is Rose-Hulman’s senior marketing manager.



Building Meaningful Alumni Connections

Ashley Erffmeyer received a warm welcome from Rose-Hulman alumni when she moved to Kansas City in 2010 to take a job as a mechanical engineer with Honeywell Federal Manufacturing and Technology. She wasn't surprised. It's the same goodwill that she received when arriving at Rose-Hulman as a freshman.

The Kansas City alumni club hosts social activities, participates in community service events, and represents Rose-Hulman at local college fairs.

"Members of the Rose-Hulman alumni club have helped me adjust to life in Kansas City," says Erffmeyer (ME, 2008; MSEM, 2010), who now coordinates club activities. "A lot of the people are my age. They work in different companies throughout the area. I like to use them as a sounding board and a support system. They're my satellite Rose-Hulman family."

A Chicago native, Erffmeyer also chairs the public relations committee for Rose-Hulman's Young Alumni Council, which finds ways to keep alumni engaged with the institute during the first decade after graduation.

"I loved my time at Rose-Hulman," says Erffmeyer, a former member of the residence life staff and Challenge X sustainable

vehicle development team. "I'm trying to give a little bit back to the current students, so they are able to have the same amazing experience that I had. This is a way for me to stay connected with my Rose-Hulman friends, professors, and staff."

Erffmeyer hopes to remain connected with Rose-Hulman for the rest of her life.

"I'd like to see it become a habit for alumni: when you graduate from Rose-Hulman and you move to a new city, you leverage your Rose-Hulman connections in that new city," Erffmeyer states. "As you get situated and your career develops, your Rose-Hulman contacts help you find new job opportunities. Eventually, you can serve as a mentor to new graduates."

Creating A Culture of Connectedness

Erffmeyer embodies the ideals of Rose-Hulman's new Forever Rose initiative, which is designed to create a culture of connectedness with the institute that ultimately leads to increased involvement and financial support.

Through Forever Rose, alumni are encouraged to remain active with Rose-Hulman by promoting the institute to prospective



at Every Stage of Your Life

By Carolyn Duffy Marsan



“The Forever Rose initiative is the Rose-Hulman community we value, enhanced by the services of the alumni office, to allow Rose-Hulman alumni to experience this support network in any stage of our personal or professional lives.”

— Ashley Erffmeyer, ME, 2008; MSEM, 2010
Young Alumni Council Member

students, recruiting Rose-Hulman seniors to their companies, networking with fellow alumni, and returning to campus as guest lecturers, mentoring senior design projects, and serving on academic department advisory boards.

“There is a deep feeling of loyalty from Rose-Hulman alumni. So, now we’ve formalized our program of outreach, and we’re

aspiring to make it even stronger. ‘Forever Rose’ is our mantra,” says Jim Bertoli, executive director of alumni affairs, of the initiative, which was first outlined in “The Next Steps,” Rose-Hulman’s Strategic Plan.

With this new initiative, Rose-Hulman is sending a message to its 15,000 living alumni: Once you are a member of the Rose-Hulman family, you are always a member of the Rose-Hulman family.

“Forever Rose is a component of Rose-Hulman’s culture that develops from the first day students arrive on campus for New Student Orientation,” Bertoli remarks. “It continues when they leave, become young alumni, start having families, and after they retire. As their careers develop, alumni can make a gift back to the institute to provide financial aid to start the Forever Rose lifecycle with a new crop of freshmen. Their legacy can continue on.”

Increasing Opportunities for Interaction

In conjunction with Forever Rose, Rose-Hulman is increasing the number of alumni clubs and opportunities alumni have



to interact with the institution. Twelve new clubs have started during the past two years, including the first international club in Switzerland.

A successful Rose on the Road program introduced President Jim Conwell and other school officials to alumni throughout the country. This effort has helped revitalize alumni clubs around the country. An event in Atlanta attracted 55 alumni, while a program in Boston brought 40 alumni. Bertoli estimates that the institute has had 5,000 face-to-face contacts with alumni during the past year.

Rose-Hulman has also enhanced its online community for alumni, through RoseSTEM. This is where alumni register to attend activities, update alumni on career and family achievements, learn how they can help the admissions office with recruitment, coordinate an alumni club activity, or provide feedback to faculty about curriculum changes.

The Office of Alumni Affairs sends an e-mail newsletter on the first Friday of each month to 12,500 alumni for which it has a current e-mail address. A Rose Perks program provides alumni discounts with 40 businesses, mostly in the Terre Haute area, but, hopefully, will be expanding to other areas.

Building on the Rose-Hulman Experience

“Forever Rose is not a program. It’s a natural outgrowth of the Rose-Hulman experience,” says Rickey McCurry, vice president for institutional advancement.



“The education I received at Rose-Hulman has provided the foundation to everything I’ve accomplished since I walked the stage in 1983. Looking forward, from the student’s perspective, it was impossible to foresee the impact Rose-Hulman would have on my future. Looking back, as an alumnus, it’s still very difficult to imagine that my Rose-Hulman experience continues to have a positive influence on my professional career more than 30 years later! Rose-Hulman is very easy to take for granted, because the education it provides is THAT good.”

— Jeff Trang, EE, 1983
Alumni Advisory Board Member



“When I hear the words Forever Rose I think: Forever involved; Forever invested; and Forever welcome.”

— Detric Day, CHE, 2003
Alumni Advisory Board Member

Alumni Advisory Board President Dan Wolodkiewicz (ME, 1982) benefitted greatly from his Rose-Hulman connections. The Dayton, Ohio, native followed in the footsteps of his brother Steve (ME, 1975).

“My older brother went to Rose-Hulman and played football,” he says. “The atmosphere and Rose-Hulman’s reputation made a big impression on me.”

After graduation, Wolodkiewicz spent 14 years working for Marathon Oil Company in Illinois, Alaska, Scotland, and Texas. At each posting, he found support and career advice from other Rose-Hulman alumni.

“I wasn’t even going to interview with Marathon Oil, but then a guy who graduated with my brother encouraged me to



apply," he says. "Marathon was a big employer of Rose-Hulman graduates. Everywhere I went I had an instant connection."

In 1996, Wolodkiewicz left Marathon Oil and started a consulting business, Pinnacle Financial Associates, in Beavercreek, Ohio. For the last 10 years, Wolodkiewicz has participated in Rose-Hulman's Countdown to Commencement program, returning to campus to provide valuable free financial planning advice to graduating seniors.

An active member of Rose-Hulman's Dayton alumni club, Wolodkiewicz joined the Alumni Association's advisory board three years ago and is serving as president until this year's homecoming. He sees Forever Rose as a way for more alumni to experience the connectedness that he feels with his alma mater.

"Every time I go back to Rose-Hulman, I feel like I'm going home," Wolodkiewicz says. "I recently represented Rose-Hulman at the funeral home visitation for a distinguished alumnus from



"FOREVER ROSE MEANS THAT WE ARE A VERY SPECIAL FAMILY of only 15,000 living people to have lived the Rose-Hulman experience. This is a very, very, very small percentage of the population. To get into Rose-Hulman is one thing, but to graduate and actually improve people's lives is what we should all do. We are connected in a very special way, and that will always be a part of what we do in life.

One of the most memorable experiences of my life was when I spoke at commencement this year as president of the Rose-Hulman Alumni Association's advisory board. I spoke at my commencement as president of our senior class. This year, the hairs were standing up on the back of my neck. It was déjà vu! I felt very blessed."

—Dan Wolodkiewicz, ME, 1982
Alumni Association President

our area. His widow told me how much her husband loved Rose-Hulman and that it made his career...It goes without saying that I'm going to step up to the plate for Rose-Hulman." ■

Carolyn Duffy Marsan is an award-winning business and technology journalist.



"Alumni play a vital role in our future. We want them to help us recruit the best students and grow our legacy participation. How many of them are wearing Rose-Hulman shirts or caps at the mall or airport? How many come back for homecoming? How many encourage a smart kid in their neighborhood to look at attending Rose-Hulman? It doesn't take a lot of money for alumni to show their pride and help promote their institution."

—Rickey McCurry
Vice President for Institutional Advancement



SENTIMENTAL PROCESSIONAL:
Class of 2014 members show a variety of emotions while making their final campus walk as undergraduate students.

‘Innovation Rules’

Class of 2014 Urged to Use STEM Gifts to Make a Difference

It shouldn't be surprising that Rock and Roll Hall of Fame Director Gregg Lowe (EE, 1984) would interject The Beatles into his commencement address to Rose-Hulman's Class of 2014.

“The Beatles said that the key to life was to focus—focus on one thing that would provide the path to everything else. They said, all you need is love,” said Lowe, president and chief executive officer of Freescale Semiconductor. (See profile on pages 7-9.)

He continued, “As engineers, scientists, and mathematicians, what we love is innovation, and in the business world, innovation rules. In fact, it is the single most important differentiator between successful and unsuccessful enterprises.”

Lowe used Apple Inc. as an example of a great company that fosters and nurtures

innovation. He stated the company had no experience in wireless communications, no marketing channel, didn't offer a single button on its mobile device, and decided to charge high prices.

“[Apple] changed an entire industry, and arguably destroyed the business model of the three biggest entrenched rivals: Nokia, Blackberry, and Motorola,” the global technology leader told the students receiving bachelor's and master's degrees on May 31. “Innovation that was once mocked, won the day.”

President Jim Conwell told members of the Class of 2014 that the greatest advances in humanity have been driven by gifted people educated in the sciences, technology, engineering, and mathematics.



WORDS OF ADVICE: Freescale Semiconductor CEO/President Gregg Lowe (EE, 1984) gave this year's commencement address and received an honorary doctorate of engineering.

“The knowledge and abilities developed [at Rose-Hulman] belong to you, but the world will be a much more wonderful place if you share these gifts generously.”

—Jim Conwell, Rose-Hulman President



HONORED ALUMNUS: Board of Trustees Chairman Don Ings (ME, 1970) presents the honorary doctorate of engineering to the Honorable Robert Wilkins (CHE, 1986).

“These people have made the world a better place,” he said. “You [the Class of 2014] share that same duty. You have a gift that the world needs. The knowledge and abilities developed [at Rose-Hulman] belong to you, but the world will be a much more wonderful place if you share these gifts generously.”

Robert L. Wilkins (CHE, 1986), judge of the U.S. Court of Appeals for the District of Columbia Circuit, joined Lowe in receiving an honorary doctorate of engineering during commencement.

This year’s commencement award winners were:

Outstanding Teacher: Tina Hudson, PhD, electrical and computer engineering

Outstanding Faculty Scholar: Renee Rogge, PhD, biomedical engineering

President’s Service Award: Jan Pink, registrar

Heminway Gold Medal: William Elswick (CPE), Ryan Landwehr (EE),

Erik Sanders (CS), Michael Mathes (EE), Christopher Kodama (EE), Adam Janeiro (ME), and Garrett Meyer (ME)

Herman A. Moench Commendation: Robert Mayhew (ME)

John T. Royse Award: Katherine Moravec (CHE)

Outstanding Graduate Thesis: Bradley Herbig (CHE, 2012; MSCHE, 2014) ■



SELFIE MOMENT: Bruce Coston takes a moment to get a personal photo with President Jim Conwell on the commencement stage.

CLASS OF 2014 BY THE NUMBERS

469

Degrees awarded (422 undergraduate; 47 graduate)

Undergraduates anticipate completing degree this summer or fall

65

92

%
Placement rate
*at graduation

\$

67,957

Average starting salary
*at graduation

103

Students completed requirement for minors in 12 different academic disciplines

States represented

36

12

International countries represented

Onyancha, Shibberu Expanding Global Horizons as Fulbright Scholars in African Region

Professors Richard Onyancha, PhD, and Yosi Shibberu, PhD, will teach, conduct research, and expand global educational opportunities in science, engineering, and mathematics (STEM) as faculty Fulbright Scholars in Africa during the 2014-15 academic year.

The Fulbright program is the flagship international educational exchange program sponsored by the United States government, and is designed to increase mutual understanding between Americans and people from other countries.

Beginning in September, Onyancha, assistant professor of mechanical engineering, will spend 10 months at the Copperbelt University in Zambia, while Shibberu, professor of mathematics, will be at Jimma University in Ethiopia, his home country.

Onyancha, a native of Kenya, hopes to start collaborations that can help address some of the challenges experienced in higher education STEM fields across Africa. He will also teach courses, conduct



Shibberu (left) and Onyancha

spatial skills research, mentor STEM faculty members, and present seminars and guest lectures throughout Zambia as coordinated by the country's U.S. embassy.

Meanwhile, Shibberu will facilitate international projects for Rose-Hulman students as well as promote innovation and entrepreneurship at Rose-Hulman and Jimma University, Ethiopia's largest university. He will promote private, free enterprise as the best way of achieving sustainable development in Ethiopia's young, vibrant economy. ■

OLSON, RADER TAKE NEW ACADEMIC LEADERSHIP ROLES

The new school year brings academic department leadership roles for faculty members Lorraine G.

Olson, PhD, in mechanical engineering, and David J. Rader, PhD, in mathematics.

Olson joined the faculty in 2002, received the Board of Trustees' Outstanding Scholar Award in 2013, and is a strong proponent for student undergraduate research experiences. She is a Fellow of the American Society of Mechanical

Engineers, and has authored or co-authored one book chapter, 40 journal articles, and 92 conference papers, presentations, and reports.

Rader, a member of the math faculty since 1997, often teaches upper-level courses in probability, statistics, and operations research. He has authored the textbook, "Deterministic Operations Research: Models and Methods in Linear Optimization," and has been editor of the *Rose-Hulman Undergraduate Mathematics Journal* for the past four years. ■

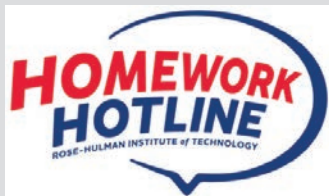


Olson



Rader

TAKE NOTE



LILLY ENDOWMENT CONTINUES HOMEWORK HOTLINE SUPPORT

A \$2.4 million Lilly Endowment Inc. grant will continue the Homework Hotline science and math tutoring program through June of 2017. The grant will also increase multimedia tutoring services and meet the changing needs of online learning communities. Free help is available 7-10 p.m. on Sundays through Thursdays by calling 1-877-ASK-ROSE or at www.AskRose.org.

PLASTIC TURNED INTO BUILDING MATERIALS

Eight students spent this summer developing a novel way to repurpose plastic trash products, including discarded grocery bags, to create new housing materials for families across Haiti displaced by natural disasters. This project was part of the summer Grand Challenges course that is teaching students to address worldwide issues.

DENNISON NAMED TECH VICE PRESIDENT, CIO



Experienced higher education information technology professional Wayne Dennison, PhD, has been named Vice President for Enterprise Information Technology and Chief Information Officer. He

will provide collaborative leadership and strategic planning to ensure the effective and efficient development, implementation, maintenance, and integration of technology resources. He formerly was executive director of enterprise systems and services at Kennesaw State University.

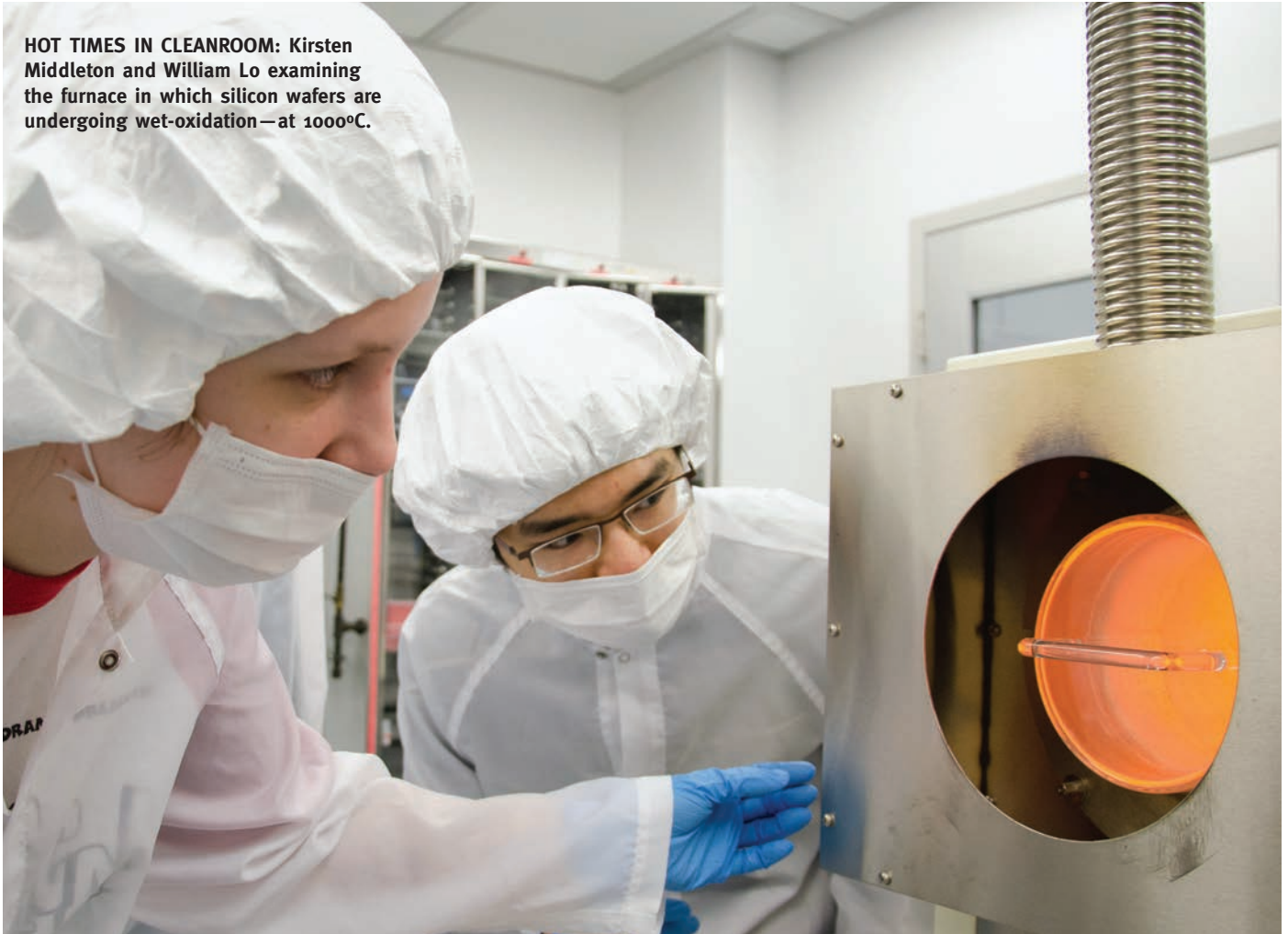
LOYD MOVES UP ON BENCH

A familiar face will be leading the men's basketball team this winter, with Rusty Loyd's promotion to head coach following the resignation of Jim Shaw. Loyd had served as assistant coach for the last five years, and formerly was head coach for three seasons at Illinois Institute of Technology. Shaw resigned for personal reasons after being the second winningest coach in school history (303-221 in 20 years).



Keep Up To Date About Rose-Hulman at www.rose-hulman.edu

HOT TIMES IN CLEANROOM: Kirsten Middleton and William Lo examining the furnace in which silicon wafers are undergoing wet-oxidation—at 1000°C.



MiNDS Cleanroom Facility Expands to Open New Horizons in Micro-Nanoscale World

Story by Dale Long/Photos by Chris Minnick

An expanded cleanroom for Micro-Nanoscale Device and Systems (MiNDS) is allowing Rose-Hulman students to put as many as 200 micro-electro-mechanical systems (MEMS) on a chip that's one centimeter square in size.

It's also opening new career opportunities in this rapidly expanding field of technology.

"MEMS is the future. The MiNDS cleanroom gives Rose-Hulman students distinct advantages in the exciting world of micro and nanotechnology," says Azad Siahmakoun, PhD, associate dean of faculty and director of the MiNDS cleanroom. "We're one in a handful of colleges providing MEMS and nanotechnology hands-on experiences to undergraduate students."

Nano-sized products used every day include sun screen with nanoparticles that absorb ultraviolet light through sunrays and prevent sunburns, and clothing created with nano-textiles that never stain. Nano-particles are being researched as a non-invasive method for selectively killing cancer cells.

The 1,800-square-foot MiNDS cleanroom, located on the first floor



CLEANROOM PROJECT:
Marshall Mullins and
Meghan Sandlin examine
chemical processing of a
silicon wafer.

of Myers Hall, has state-of-the-art equipment that allows multi-disciplinary teams of faculty and students to complete a variety of micro and nanotechnology-related projects. Course work spans the fields of material science, semiconductor devices, chemical detection, laser diodes, optical communication, power generation, and bio-MEMS.

Each of these areas has promising futures, according to Rose-Hulman professors.

“This facility is a unique teaching and research laboratory,” says Richard Liptak, PhD, assistant professor of physics and optical engineering. “It is a fully-functional cleanroom, allowing for the fabrication and characterization of novel devices, such as diodes, capacitors, transistors, MEMS devices, and lasers.”

The professor adds, “Most large institutions with academic cleanrooms do not allow undergraduates in these types of labs.”

Students majoring in electrical, mechanical, chemical, biomedical, and optical engineering disciplines join engineering physics majors in receiving instruction and hands-on experience with state of the art tools used to fabricate semiconductor, MEMS, and optical devices. During these labs, students fabricate fully functional devices while learning the fundamentals of photolithography, diffusion doping, wet and dry etching, metallization, and oxidation.

A multi-disciplinary research and educational program in nanomedicine was offered for the first time this summer.

“Nanotechnology is one of the new science and technological frontiers of the 21st century,” states Renat Letfullin, PhD, associate professor of physics and optical engineering. “Nanotechnology is revolutionizing medicine, creating a new science—nanomedicine, a multidisciplinary science approach to medicine. It is the future of medicine, and it is smart medicine.”

Furthermore, students gain invaluable experience in several characterization techniques, such as atomic-force microscopy (AFM), scanning-tunneling microscopy (STM), and scanning electron microscopy (SEM). The expanded space has

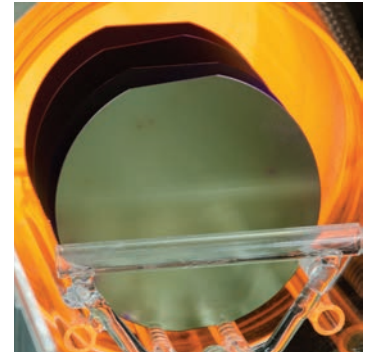


“MEMS is the future technology. The MiNDS cleanroom gives Rose-Hulman students distinct advantages in the exciting world of micro and nanotechnology.”

—Azad Siahmakoun, PhD
Associate Dean of Faculty
Founding Director of the MiNDS Cleanroom



COMPARING NOTES: Undergraduate students use iPads to estimate the thickness of metal films.



BURNING IMPRESSIONS: A quartz boat of silicon wafers is inserted into the diffusion-doping furnace.



EXPANDED WORKSPACE: The MiNDS cleanroom, located in Myers Hall, now has separate production facilities as indicated by the yellow-tinted and clear sections.

“Nanotechnology is one of the new science and technological frontiers of the 21st century... Nanotechnology is revolutionizing medicine, creating a new science—nanomedicine, a multi-disciplinary science approach to medicine. It is the future of medicine, and it is smart medicine.”

—Renat Letfullin, PhD
Associate Professor of Physics
and Optical Engineering

brought new tools, such as an Atomic Layer Deposition (ALD) system. This system allows for highly controlled (one monolayer/cycle) deposition of metal oxides, which can be used as gate dielectrics in transistors, optical materials, hard masks, and several other applications. There are plans to add a plasma capability to this tool in the future, further expanding opportunities for students to deposit nitride, carbide, and sulfide materials.

“The training the students receive in the MiNDS cleanroom facility prepares them for graduate school or jobs in

the fields of microfabrication and nanotechnology,” Liptak says.

In 2002, a multi-disciplinary team of faculty from several different departments acquired a \$400,000 W. M. Keck Foundation grant to launch a program to teach MEMS technology to undergraduate engineering students. That original MiNDS cleanroom had 900 square feet—about half the size of the new facility—and was located in Moench Hall.

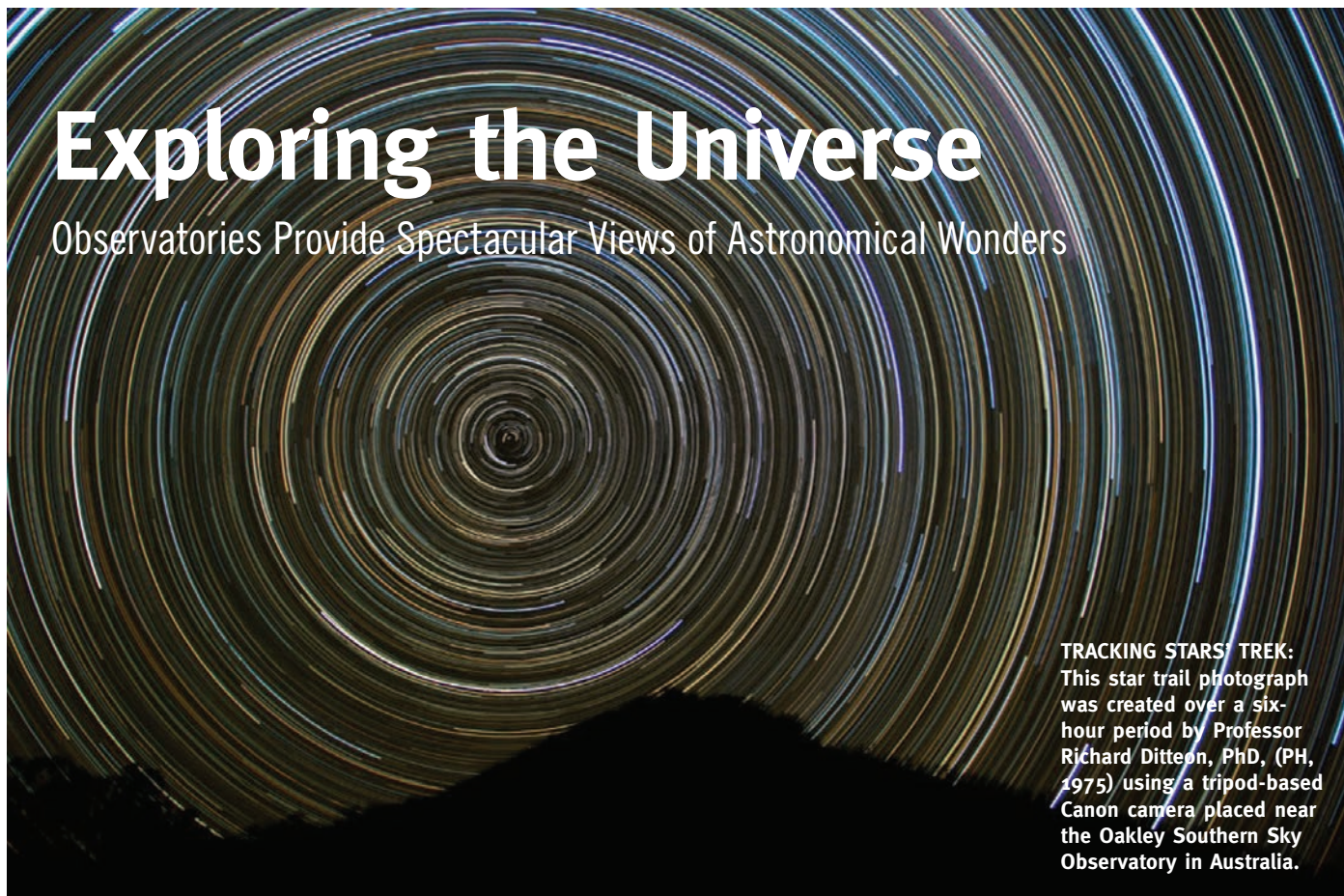
The original grant has been supplemented by equipment donations from ON Semiconductor, through the support

of alumnus Andrew Williams (EE, 1988). Other alumni joining institute friends as project supporters have been Chris Mack (PH/CHEM/EE/CHE, 1982), Michael Thompson (ME, 2000), Eric Wandel (AO, 1992), Michael Collins (AERO, 1973). Renovation costs for creating the new facility was covered by Rose-Hulman’s Office of Academic Affairs. ■

Dale Long is executive editor of Echoes and director of media relations.

Exploring the Universe

Observatories Provide Spectacular Views of Astronomical Wonders



TRACKING STARS' TREK: This star trail photograph was created over a six-hour period by Professor Richard Ditteon, PhD, (PH, 1975) using a tripod-based Canon camera placed near the Oakley Southern Sky Observatory in Australia.

State-of-the-art observatories on opposite ends of the world are allowing Rose-Hulman students and faculty opportunities to make scientific discoveries and get spectacular views of astronomical wonders.

The institute has two observatories—the campus-based Oakley Observatory (opened in 2000) and Australia's Oakley Southern Sky Observatory (2007)—for

nearly 24-hour observation time and complete coverage of astronomical events from the northern and southern hemispheres. This has allowed students to identify new asteroids, measure asteroid rotation periods, and conduct research in variable star photometry, searching for supernovae or comets.

“Scientists use photos to get important data as we examine and study objects that were first discovered in the early 1800s. They still fascinate us,” says Oakley Observatory Director Richard Ditteon (PH, 1975), PhD, professor of physics and optical engineering. “We learn more every day about the universe around us,” he adds.

During the spring of 2013, Ditteon took a scientific trek to the Southern

Sky Observatory, located near New South Wales, Australia, to take photographs of the following spectacular astronomy sights, among many others:

- Messier 83, a barred spiral galaxy approximately 15 million light-years away in the constellation Hydra.
- The Antennae Galaxies, a pair of interacting galaxies in the constellation Corvus.
- The Eta Carina Nebula, a large bright nebula that has within its boundaries several related open clusters of stars.
- Nebula NGC 6188, an emission nebula located about 4,000 light years in the constellation Ara.
- Star trails, showcasing the motion of stars across the night sky.

Both observatories were funded through gifts from the Oakley Foundation.

Asteroids have been named to recognize the financial contributions made by Gene Glass (EE, 1949), and Niles Noblitt (BIO, 1973) and his wife, Nancy. ■



SPECTACULAR IMAGE: Professor Richard Ditteon, PhD, (PH, 1975) captured this view of the Eta Carina Nebula in March 2013 using a 20-inch telescope from the Oakley Southern Sky Observatory, based in Australia.

Learning Never Ends for High-Achiever Thomas Foulkes

Story by Dale Long/Photo by Shawn Spence

Thomas Foulkes likes exploring the limits of engineering and science, expanding his educational horizons in the process.

The senior electrical engineering student has designed, with assistance from Physics and Optical Engineering Professor Maarij Syed, PhD, a unique pulsed Faraday rotation project that has produced a pulsed circuit currently generating a 0.8 Tesla magnetic field.

By passing light through a system in a magnetic field, Faraday rotation (FR) experiments reveal a linear relationship between the rotation of the electric field vector of polarized light and the magnitude of the corresponding magnetic field.

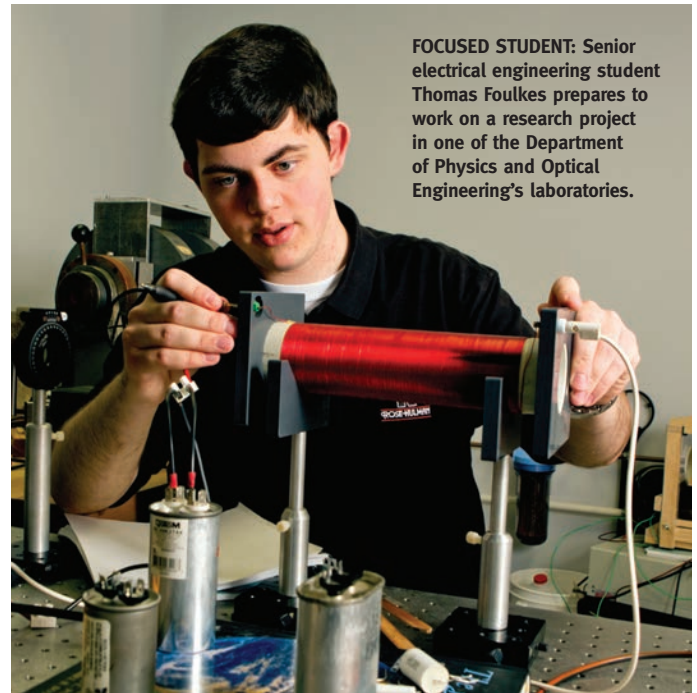
Foulkes has created a pulsed experimental setup, which has the capacity to create pulse magnetic fields of varying peak height, rise time, and total pulse duration.

“I am continually impressed with Thomas’ discipline, hard work, and sharp intellect—qualities that do not come together often. Students like him make Rose-Hulman a very special place, and teaching a truly rewarding pursuit.”

—Maarij Syed, PhD
Associate Professor of Physics and Optical Engineering

This work has been featured at this summer’s TechConnect 2014 World Innovation Conference, the 2014 Materials Research Society’s spring meeting and exhibit, and the 2013 IEEE International Symposium on Circuits and Systems. It has also helped foster international collaborations with universities on three continents. Insight from analyzing magnetic nanoparticles from the University of Paris will be used to improve brain tumor imaging techniques.

“I have been fortunate to be able to immediately reinforce what I’m learning in the classroom into the laboratory in interesting research activities,” says Foulkes, whose projects have been supported by the Independent Project/Research Opportunities Program. “I like seeing the real-world application of engineering and science concepts.”



FOCUSED STUDENT: Senior electrical engineering student Thomas Foulkes prepares to work on a research project in one of the Department of Physics and Optical Engineering’s laboratories.

Regarding Foulkes’ research achievements, Syed says: “I am continually impressed with Thomas’ discipline, hard work, and sharp intellect—qualities that do not come together often. Students like him make Rose-Hulman a very special place, and teaching a truly rewarding pursuit.”

The Terre Haute, Indiana native has always set his personal goals high. He achieved the highest rank of Eagle Scout in the Boy Scouts of America, was twice a finalist in the Intel International Science and Engineering Fair, was one of four American high school students participating in the China Adolescents Science and Technology Invention Contest, and was a high school valedictorian.

At Rose-Hulman, Foulkes has a near-perfect grade point average, earned numerous academic honors, and has made 16 technical presentations at regional and national science conferences. He also was a grand prize winner in a campus essay-writing contest, organized student teams to assemble bicycles for underprivileged youths, and has leadership roles in several student organizations.

His summers have been filled with internships in systems engineering analysis and design at Delphi Safety and Electronics, and a patent examiner for the U.S. Patent and Trademark Office in Washington, D.C.

“I’ve had great opportunities and taken advantage of them. There’s a unique group of people at Rose-Hulman that are creating neat ideas and share what they’re learning,” he says. “Rose-Hulman has a campus atmosphere where you never stop learning. The professors help students explore their horizons. It’s an atmosphere that gets the best out of the student.” ■

Dale Long is executive editor of Echoes and director of media relations.

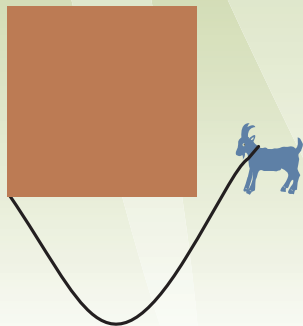
Bailey Challenge

By Professor Emeritus Herb Bailey, PhD

CONGRATULATIONS for a job well done on the spring challenge. Several alumni and friends found many ways to solve the palindromic bonus problem—some better than mine, but none were elegant. Chris Doyle, from the Class of 1989, included some pictures of palindromic odometer readings from his 1997 Honda (i.e. 415,514). I thought our younger alums were part of the Replace-Than-Repair Generation.

SUMMER PROBLEM 1

A small blue goat is tethered to a large square brown barn with 100-foot-long sides and all doors closed. The tether is 200 feet long and attaches the goat to one corner of the barn. The barn is located in the center of a large meadow. How many square feet of meadow are accessible to the goat? You may neglect the length of the goat.

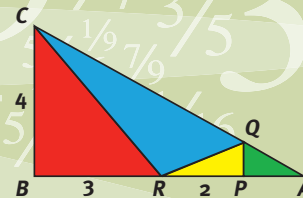


SUMMER PROBLEM 2

A watermelon weighing 100 pounds contained 99 percent water. After sitting in the sunlight throughout the day, some of the water evaporated, leaving the melon with 98 percent water. How much did the melon weigh after the evaporation occurred?

SUMMER BONUS PROBLEM

In the figure, ABC is a right triangle with P and R on AB . Also, Q is on AC and PQ is parallel to CB . If $RP = 2$, $BR = 3$, $BC = 4$ and the area of triangle $QRC = 5$, find the length of AP . We will give credit for an engineering estimate. Also, the figure is not drawn to scale.



SOLUTION TO SPRING BONUS PROBLEM: The odometer in Sally's car displays only five digits and does not display tenths of miles. When she started her trip, the last three digits formed a palindromic number (the same number when its digits are reversed—14341). One mile later, the last four digits formed a palindromic number. After another mile, the last five formed a palindromic number. Find all possible initial odometer readings.

Let $[a,b,c,d,e]$ be the initial digits of the odometer reading. Consider four cases and calculate the readings at miles $0, 1, 2$, after imposing the palindromic requirement.

Case I, $c < 8$ — mile 0: $[a,b,c,d,c]$; mile 1: $[a,c+1,c,c,c+1]$; and mile 2: $[c+2,c+1,c,c,c+2]$. Mile 2 cannot be a palindromic since $c+1$ cannot equal c .

Case II, $c = 8$ — mile 0: $[a,b,8,d,8]$; mile 1: $[a,9,8,8,9]$; and mile 2: $[0,9,8,9,0]$. Required conditions satisfied only for initial $[0,9,8,8,8]$.

Case III, $c = 9, d = 9$ — mile 0: $[a,b,9,9,9]$; mile 1: $[a+1,0,0,0,0]$; and mile 2: $[1,0,0,0,1]$. Since the first digit must be 1 and the second 0 at mile 2, then $b = 9$ and $a = 0$. Required conditions satisfied only for initial $[0,9,9,9,9]$.

Case IV, $c = 9, d < 9$ — mile 0: $[a,b,9,d,9]$; mile 1: $[a,0,9,d+1,0]$ (thus $d+1 = 9$); and mile 2: $[a,0,9,9,1]$. Mile 2 cannot be palindromic since 0 does not equal 9.

Send your solutions to Herb.Bailey@rose-hulman.edu or to: Herb Bailey, Department of Mathematics, Rose-Hulman Institute of Technology, 5500 Wabash Ave., Terre Haute, IN 47803. Alumni should include their class year.

Congratulations to the following spring problem solvers:

ALUMNI: P. Gottfried, 1949; T. Jones, 1949; C. Hirschfield, 1954; B. Hall, 1955; A. Sutton, 1956; C. Ambuehl, 1958; P. Cella, 1958; J. Dhooge, 1960; J. Kirk, 1960; R. Archer, 1961; L. Hartley, 1961; R. Ireland, 1961; J. Ray, 1961; J. Tindall, 1961; N. Hannum, 1962; J. Snyder, 1962; D. Moore, 1964; J. Latuze, 1967; J. Albertine, 1969; D. Bailey, 1969; R. Dutton, 1969; R. Priem, 1969; S. Jordan, 1970; D. Jordan, 1971; W. Pelz, 1971; C. Dreher, 1974; M. Bailey, 1976; B. Hunt, 1976; S. Van Dyck 1977; T. Greer, 1978; J. Slupesky, 1979; D. Engelhardt, 1980; R. Joyner, 1980; S. Nolan, 1981; R. Roll, 1981; D. Kazmierzak, 1982; M. Taylor, 1982; K. Shafer, 1983; M. Saltgaver, 1984; S. Blonigen, 1986; D. Price, 1986; D. Johnson, 1987; M. Lancaster, 1987; P. Pokorny, 1987; A. Cutaia, 1988; T. Doerr, 1988; C. Doyle, 1989; A. Murray, 1989; D. Gossert, 1990; S. Weigand, 1990; B. Burger, 1991; R. Hochstetler, 1991; P. Kimmerle, 1991; K. Koziol, 1992; K. O'Bryant, 1992; C. Rettig, 1994; M. Young, 1994; M. Ley, 1997; M. Pilcher, 1998; P. Swickard, 1998; J. Mathison, 1999; A. Primozych, 2000; B. Wilson, 2001; A. Zavela, 2003; B. Hirsch, 2004; K. Hassler, 2006; J. Przybylinski, 2006; M. Lapsley, 2007; D. Schluneker, 2008; P. Dejarnatt, 2013; and A. Puetz, 2015

FRIENDS: A. Andrews, B. Byrd, R. Golliver, L. Gossert, J. Ley, J. Marks, L. Metcalfe, W. Morris, J. Poelhuis, L. Puetz, M. Rosene, S. Slupesky, and B. Vail

ALUMNI PHOTO ALBUM



INNOVATIVE ALUMNI: Attending this year's Innovation Showcase in Indianapolis were (from left) Mitch Landess (EE, 1994) of Rose-Hulman Ventures, Greg Ottinger (ME, 1985) and Aaron Barr (AO, 1994) of GMI Corporation, and Nick Birch (ME, 2014) of recent startup Eleven Fifty.



MEMORY LANE: Class of 1964 members (from left) Edward Kelley (ME), Michael Johnson (CE) and Mars Gralia (MA) enjoy commencement festivities after receiving their 50th-Year Commemorative Degrees.



WELCOMING NEWEST ALUMNI: Alumni Association President Dan Wolodkiewicz (ME, 1982), middle, welcomes Class of 2014 leaders Kevin Dwyer (ME) and Marie Stettler (ME/IS) to the growing group.



CROSSING FAMILIAR LANDMARK: Damon Richards (EE, 1984) stopped in front of campus during his 45-day, 2,949-mile cross-country cycling trek (Santa Monica, California to Washington, D.C.) to bring awareness and money for the Anchor of Hope Charities. He plans to distribute shoes to Zambian children this fall.

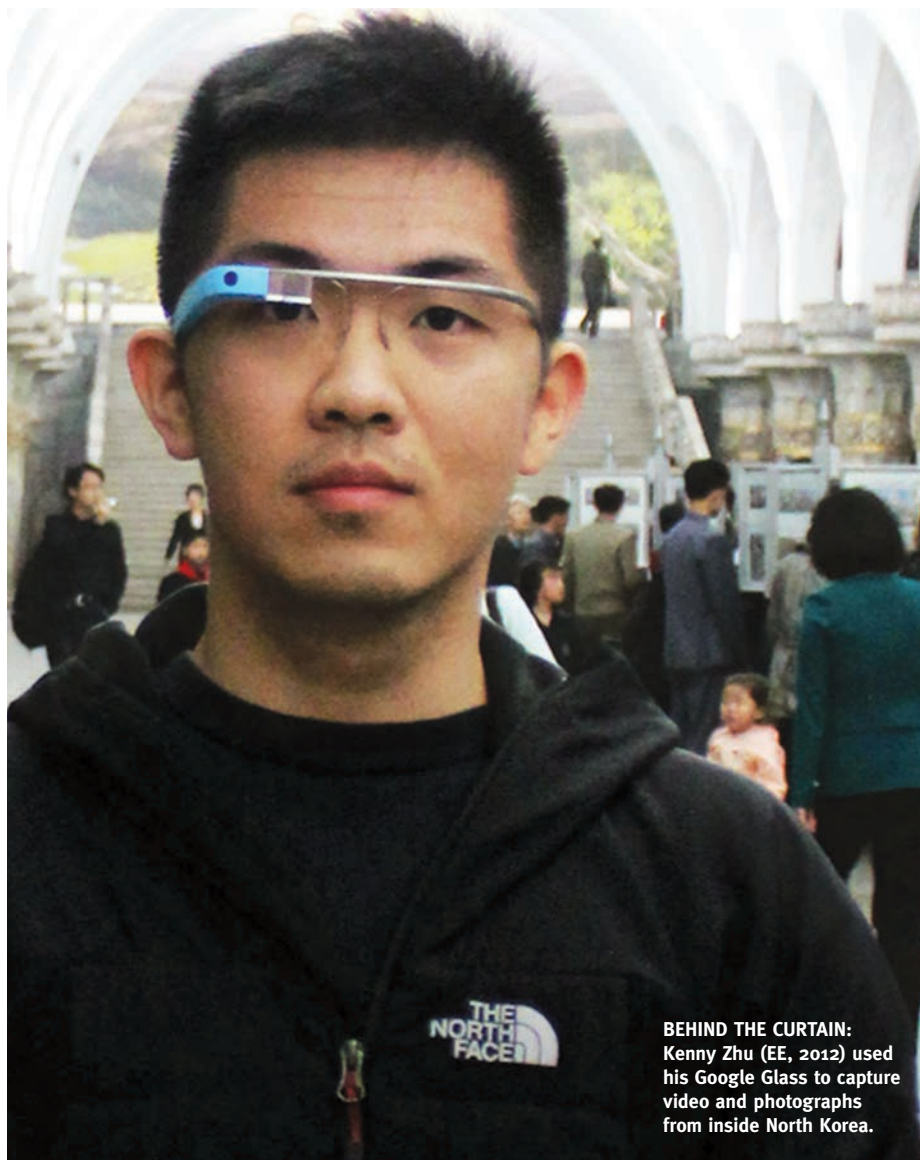
LOOKING GOOD IN PLAID: Timothy Brown (ME, 1982) chats with alumni at a Texas reception after receiving a Chauncey Rose Society plaid jacket to recognize his monetary contributions to the institute.



PLEASANT SURPRISE: Chi Omega alumnae gathering in New Jersey to have a surprise baby shower for Catherine (Walker) Dragani (BE, 2007), middle, were Luisa Fairfax (ME, 2008), Emily Albert (CHE/BCMB), Stefani Vande Lune (AB, 2006; MSBE, 2008), and Emma (Hegwood) Wegehaupt (BE, 2007).



ENCOURAGING DIVERSITY: Campus diversity workshop participants (from left) Darrin Moody (CHE, 1987), John Swearingen (CHE, 1981), Matt Levora (EE, 2001), and Stan Woszczynski (ME, 1980) learned about projects completed in this summer's Operation Catapult program.



BEHIND THE CURTAIN:
Kenny Zhu (EE, 2012) used his Google Glass to capture video and photographs from inside North Korea.

Google Glass Allows Zhu to Provide Look Inside North Korea

By Dale Long

Looking at the world through Google Glass technology, alumnus Kenny Zhu provided rare glimpses into international political intrigue for a world-wide audience this spring as a Cable News Network (CNN) iReporter.

Zhu (EE, 2012) took video footage and photos in several cities across North

Korea during a trip with Eric Tao, a Rose-Hulman senior computer science student. CNN notes that Zhu was only permitted to take the photos “as long as the photos reflected the positive side of North Korea.”

So, Zhu’s report showcases images of the Mansudae Grand Monument

and Workers’ Party of Korea Memorial Sculpture, both located in Pyongyang; the DMZ between North and South Korea; and scenes of citizens in the cities of Myohyang-san and Kaesong.

“At first sight (people) were able to tell it was a photography device. They were suspicious at first. I let them play around with it and they seemed flattered, and they inquired no more,” he said.

Fast Company magazine notes that while “CNN’s crowd-sourced content program has had its fair share of whiffs,” the network hit a home run with Zhu’s iReports.

This was not the first trip with his Google Glass. Zhu frequently wears the high-tech device while working for a Shanghai, China-based semiconductor firm. He even wore the glass while assisting at a Rose-Hulman College Fair event in Shanghai this spring.

“I always crave learning and exploring new things, therefore my curiosity drove me to sign up to purchase the glass right away,” he says. “It was an unprecedented concept, and I was fortunate enough to receive an invitation to purchase one in December of 2013 and received mine in January.”

Zhu continues, “With Google Glass, I can make phone calls, check and reply to e-mails and text messages, take photos, record videos, navigate, real-time translate, listen to music, google search, play games, and much more.”

This self-proclaimed “techie” also has a Fitbit, a wristband device that tracks a number of fitness workout statistics in real-time: steps taken, distance traveled, calories burned, and active minutes throughout the day. He is also anxious to use Leap Motion, a computer hardware sensor device that supports hand and finger motions, and possibly Google Contact Lens—two innovations currently in development.

“There are a lot of cool gadgets in the high-tech environment. The competition is fierce,” Zhu says. ■

Dale Long is executive editor of Echoes and director of media relations.

1970

Timothy Hollack (MA) is spending his retirement tutoring middle and high school students in math, and teaching computer classes at a local senior center.

1975

Timothy W. Smith (CE) has been named deputy city manager in Springfield, Missouri. He has served nearby as a county administrator since 2008, and has lived in the Springfield area since 1992.

1984

Don Barclay (CHE) has been named manager of engineering and operations at Water Harvesting Solutions (Wahas).

1989

Stacey Bowling (EE/MA) earned a doctorate in mathematics education at Arizona State University, and is now an assistant math professor at Vincennes University. He also works with STIMULUS Engineering Services, Inc.

1992

Ken Koziol (CE) is now director of development for The Garrett Companies.

1995

Scott Bowling (CE) is the new superintendent of Crawfordsville Community School Corporation in Crawfordsville, Indiana.

1999

Eric Scheid (MSME) received a doctorate in materials engineering from New Mexico Institute of Mining and Technology on May 10, 2014. He is an engineer at the Naval Surface Warfare Center at Crane, Indiana.

2001

Greg Gotwald (CHE) is an adjunct professor at Indiana University-Purdue University in Indianapolis.

ALUMNI NEWSMAKERS



HOCHSTETLER NAMED POWER COOPERATIVE CEO

Rob Hochstetler (EE, 1991) is the new president and chief executive officer for Central Electric Power Cooperative, the wholesale power aggregator for 20 electric distribution cooperatives in South Carolina. He brings a career rich in electric industry experience, having been vice president of power production for Hoosier Energy, commercial asset risk manager for Duke Energy, and operations vice president for Cinergy—all in Indiana. ■



SOUTHARD LEADING LED SIGN LIGHTING COMPANY

Paul Southard (MSOE, 1994) is managing director of the innovative Texas-based AgiLight, Inc., a global LED sign lighting company that's a subsidiary of General LED, Inc. He brings 15 years of sales and marketing experience, plus hands-on experience in LED sign lighting, and has five issued patents in LED lighting technologies. He formerly worked for WatchFire Signs, General Electric Company Lighting Solutions, and McDonnell Douglas-West. ■



VANDERSNICK LEADING IMG COLLEGE MARKETING

Roger VanDerSnick (ME, 1985) is senior vice president and chief sales/marketing officer for IMG College, the nation's leading collegiate multimedia, marketing, and licensing brand-management company. He oversees the company's multi-media rights sales organization, which includes developing and managing marketing assets at more than 90 NCAA universities and conferences. He now lives in Winston-Salem, North Carolina. ■



STAGGS' PHOTO HONORED IN NATIONAL PARK CONTEST

Darrell Staggs (CHE, 1978) earned third-place honors in the National Park Foundation's 2013 Share the Experience Photo Contest, recognized among 18,000 entries. The prize winners were featured on *CBS This Morning* and *ABC's Good Morning America*. Staggs' photograph showcases the image of a hiker in the Glen Canyon National Recreational Area of Utah. Staggs, an amateur photographer, is an associate engineering advisor at Eli Lilly and Company. ■

2002

Charles Elwood (EE) was promoted to director of project management at National Bulk Equipment in Holland, Michigan.

2006

Stefani Vande Lune (AB) is now an intellectual property litigation associate at Kirkland & Ellis LLP in Washington, D.C.

2007

Kellen Hills (BE) has joined the Orchid Design team as a senior quality assurance and regulatory

affairs consultant in Memphis, Tennessee. He specializes in global regulatory strategy in the medical device industry.

2009

Aaron Barnes (ME) has been promoted to original equipment manufacturer-application engineer for Armstrong International's humidification group in his hometown of Three Rivers, Michigan.

Sebastian B. Mendes (CE) was awarded his doctorate in civil and environmental

engineering in May 2014 from the University of Rhode Island in Kingston. He is employed as a senior structural engineer at Thornton-Tomasetti in New York City.

2010

Claire Stuckey (ME) joined Rolls-Royce teammates in winning the company's Community Project of the Year Award for the North America region at the Global Learning and Development Awards in Derby, United Kingdom. The group sparked high school

CLASS NOTES

Class Notes

students' interests in STEM subjects through being FIRST Robotics mentors. She works for Rolls-Royce in Indianapolis.

Kirk M. Thompson (AB) earned a medical degree from Southern Illinois University in May 2014. He has started an orthopedic surgery residency at University of Tennessee's College of Medicine in Memphis.

2011
Emma Barrasso (EP) is now a market development analyst at Hydro-Gear.

RJ Bordner, Jr. (ME) is an applications engineer at Joest Inc. after serving as primary applications engineer for Navistar Inc.

Christian Hidden (CE) is now a field sales representative at Smith Services, a Schlumberger Company. ■

Rosebuds

1997
Brian Teegardin (ME) and wife, Megan, welcomed a daughter, Sarah, on December 20, 2013.

2000
Andrew Wlazlo (ME) and wife, Mary, welcomed their third child, Joseph, on March 20, 2014.

2002
Kevin Olsen (ME) and wife, Adrienne (CHE, 2003), welcomed their second child, Evelyn, on February 28, 2014. The family lives in Noblesville, Indiana.

2003
Adrienne (Henderson) Olsen (CHE) and husband, Kevin (ME, 2002), welcomed their second child, Evelyn, on February 28, 2014. The family lives in Noblesville, Indiana.

2005



Clint Weis (CS) and wife, Kelly, welcomed a daughter, Evelyn Ruth, on October 13, 2013. Clint manages the software team at SonaCare Medical.

2007

Robert Herbig (CS/SE) and wife, Sara, welcomed their first child, Louis Michael, on May 27, 2014.



Erin (Craft) DeCola (CE) and husband, Rick, welcomed a son, Samuel, on June 4, 2014. The couple resides in

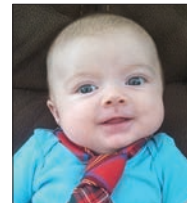
Raleigh, North Carolina, where Erin is a bridge engineer for KCI Technologies, Inc.

2010



on February 12, 2014. Matt is a process engineer at Zimmer in Warsaw, Indiana. The couple resides in Syracuse, Indiana.

2011



Andrew Kruth (CS/SE) and **Johanna (Moore) Kruth (AB)** welcomed a son, Calvin, on March 4, 2014, in Austin, Texas. ■

Marriages

2003
Patrick Allen (CE) and Megan Puncke were married on May 10, 2014, in the Botanical Garden at University of California, Berkeley. Patrick is a civil engineer with Terra Engineers, Inc. in San Francisco, where the couple resides.

2007
Scott Parks (EE) married Kannika Heebpusa on July 5, 2014. He is a vehicle system engineer at General Motors in Rayong, Thailand, while pursuing a master's degree from the University of Michigan in global automotive and manufacturing engineering.

2009
Russell Jackson (EE/MA) and **Michelle Mumaw (CHEM/BCMB)** were married in Rose-Hulman's White Chapel on June 28, 2014. Russell and Michelle are attending graduate school at Case Western Reserve University.

2014



Ruoyun Li (ME) and Seth Clark were married at Rose-Hulman's White Chapel on January 11, 2014. ■

WE WANT YOUR NEWS

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

Obituaries

1943



William "Bill" R. Kniptash (CHE), 91, died on April 20, 2014, in Indianapolis. He retired as vice president of American Precast Concrete Company after a 38-year career with the firm and its subsidiary, Ready Mix Concrete Corporation. Later, he was a representative for Leslie Brothers Asphalt Company until 1990. He was past-president of the Construction League of Indianapolis, a board member of Building Contractors Association, and was a Paul Harris Fellow of Rotary International. Kniptash received Rose-Hulman Alumni Association's Honor Alumni Award in 1986 after serving as the group's president from 1979-80.

1958



Charles "Chic" Kleptz (ME), 80, died on July 9, 2014, in Union, Ohio. In 1965, he was one of the original founders of the national Ponderosa Steak House restaurant chain in Kokomo, Indiana. He also owned Kleptz Engineering Company, another successful Kokomo enterprise. Moving to Ohio in 1971, Kleptz retired from Ponderosa at the age of 39. He and his wife, Arlene, owned the largest private collection of Marmon cars in the world, almost all of them restored by Chic. He participated in the Great American Race coast-to-coast antique car rally for 12 years, and in 2000 placed third in the Around The World In 80 Days international antique car rally, with a 1929 Marmon he rebuilt for the race.

1947

Robert W. Flack (ME), 90, died on April 9, 2014, in Atlanta. He retired from AT&T as a supervising engineer.

R. Donald Tyler (EE), 89, died on May 30, 2014, near Indianapolis. His career featured Tyler fusing components for the atomic bomb, designing components for the first televisions, 30 years with Allison Gas Turbine, a decade with Allison Transmission, and being a partner for a parts

manufacturer for automotive companies.

1948

Warren J. Lundy (ME), 90, died on June 2, 2014, in Camden, Maine. He had a variety of leadership roles during a 37-year career with U.S. Rubber/UNIROYAL, Inc.

1949

Joseph V. Bonucchi (EE), 88, died on February 26, 2014. He retired from PSI Energy as manager of electrical engineering and services.

Joseph Mees, Jr. (EE), 94, died on May 10, 2014, in Lynnfield, Massachusetts. He had a 31-year career with General Electric Company, retiring as a technical engineer.

G.J. Rathinasamy (ME), 90, died on May 2, 2014, in India. He was a managing partner at S.G. Jayaraj Nadar & Son.

1950

Bill G. Pittman (CE), 85, died on April 26, 2014, in Beavercreek, Ohio. He worked at Danis Industries Corporation for 36 years, retiring in 1991 as president of the heavy and highway division. Later, he formed Pittman Construction, Inc., a residential construction company.

Kenneth W. Reed (ME), 91, died on May 18, 2014, in Huntsville, Alabama. He retired as an aeronautical engineer with NASA.

1956

Edward V. Burget, Jr. (ME), 84, died on March 25, 2014, in Allen, Texas. He retired as a plant engineer for Amoco Chemical Company.

Joseph H. Leppert (EE), 85, died on April 21, 2014, in St. Charles, Illinois. He spent his entire career on the technical staff of Bell Laboratories/Alcatel Lucent Technologies. He assisted in development of the Nike Zeus missile interceptor system, part of America's strategic defense initiative.

1960

James J. Burns (CHE), 76, died on June 4, 2014, in Terre Haute. He was a plant manager with Globe Industries and retired from General Housewares in 1993.

1961

G. Gerald Nika, Jr. (CHEM), 74, died on February 22, 2014. He retired from Petrocon Arabia Limited as a senior manager.

1974

Richard D. Graman (ME), 62, died on May 28, 2014, in Fairfield, Ohio. He retired from General Electric Company in April, 2013.

1975

John D. McKeon (ME), 90, died on November 16, 2013, in Newhall, California. He was a former vice president of Armstrong Paint and Varnish Company.

1992

Randy L. Deibel (CS), 44, died on May 9, 2014, in Plainfield, Indiana. He was a senior technical director for AT&T for 15 years. Later, he worked as an automation engineer for Miller-Eads Automation.

Staff

Bretta (McDaniel) Schriener, 27, died on July 3, 2014, in Greenwood, Indiana. She was administrative assistant for the Office of Alumni Affairs and was cheerleading coach, receiving the 2013 Rosie Award for outstanding support to the Athletic Department. ■

Fall Alumni Award Inductees

Rose-Hulman will recognize the following alumni this fall for their career achievements, service on behalf of the institute, and outstanding athletic performances.

HONOR ALUMNI AWARD

The Alumni Association presents this award to alumni on the basis of their loyalty, unselfishness, and meritorious service in furthering Rose-Hulman's interests, contributing to the country's national interests, and professional achievement.



JACK FARR, M.D.
BIO, 1975
Orthopedic Surgeon



WILLIAM OLAH, JD
BIO, 1974
Tax Attorney/Estate Planning



MICHAEL HATFIELD
EE/ME ECON, 1984
President/Founder, Cyan Inc.



AL SHIPP
EE, 1978
Chief Executive Officer, 3VR Inc.

DISTINGUISHED YOUNG ALUMNI AWARD

Graduates from the last 10 years are honored for notable endeavors in the areas of career achievement, continued education, community service, and/or commitment to their alma mater.



ELIZA BROCK
SE/CS, 2008
Owner, Eliza Brock Software



SCOTT SMALL
ME, 2005; MSBE 2007
JRSI Foundation



RICHARD FRANKO
CE, 2007
Captain, U.S. Army Special Forces



STEFANI VANDE LUNE
AB, 2006; MSBE, 2008
IP Litigation Attorney



ADAM JARBOE
ME, 2005; MSEM, 2007
Global Sustainability Yum! Brands

ATHLETIC HALL OF FAME

The Athletic Department recognizes former athletes who stood out during their athletic careers and continued making significant contributions in their post-graduate lives.



DAVID BREIDING
ME, 2004
Swimming



JASON LABELLA
ME, 2004
Rifle



JESSICA (FARMER) ALBERT
CHE, 2004
Soccer / Basketball



MATT MOORE
CHE, 2004
Baseball



LYNSEY (HART) STAES
ME, 2004
Softball



DYLAN TARR
CE, 2004
Football / Track

Logan Gillett (ME, 1933) will be honored posthumously for his football and basketball career ■

ALUMNI CALENDAR

Check latest events at rosestem.rose-hulman.edu/events

SPECIAL ALUMNI EVENTS

Chauncey Day | **September 11**
Tennessee Titans at Cincinnati Bengals | **September 21**
—Pregame Party, Hyatt Regency
—Game, Paul Brown Stadium
Fall Career Fair/Student Expo, Campus | **October 1**
Early Bird Homecoming Reception, Campus | **October 2**
SOLD OUT Cincinnati Bengals at Indianapolis Colts | **October 19**
Houston Alumni Reception | **October 25**
Athletic Hall of Fame | **November 1**
Phoenix Alumni Golf Outing | **November 15**
Cleveland Men's Basketball Reception | **November 21**

VARSITY R CLUB EVENTS

Chauncey Cup Men's Golf Team Alumni Outing | **September 20**
50-Year Anniversary Cross Country Celebration | **October 3**
25-Year Anniversary Swimming and Diving Celebration | **October 3**

HOMEcoming 2014

OCTOBER 3

Alumni Golf Outing | Hulman Links/Country Club, 8:15 a.m.
Heritage Society Luncheon | Hulman Student Union, Noon
25th Anniversary of Swimming/Diving | Sports and Recreation Center, 7:30 p.m.
Pep Rally/Bonfire | Sports and Recreation Center, 8:30 p.m.
G.O.L.D. Party (Hosted by Class of 2009) | Copper Bar, Downtown, After Bonfire

OCTOBER 4

5K Fun Run/Walk | Sports and Recreation Center, 8 a.m.
Alumni Awards Breakfast | Hulman Student Union, 8:30 a.m.
Alumni Association Annual Meeting | Student Union, 10:30 a.m.
Academic Department Open Houses | 11 a.m.-1 p.m.
Tent City | Cook Stadium Parking Lot, Noon
Football Game | vs. Anderson University, 2 p.m.
Rose-Hulman Ventures Open House | South Campus, 4-6 p.m.
50-Plus Golden Gala Events | Hulman Student Union
■ Reception, 6 p.m.
■ Dinner, 6:30 p.m.

OCTOBER 5

Reflection Time | White Chapel, 9 a.m. to Noon
RoseWood Couples Brunch | St. Mary-of-the-Woods College, 10:45 a.m. to 1:15 p.m.

CLASS REUNIONS | Chairpersons

OCTOBER 3

1954 | Hulman Student Union, 6 p.m. | *Erv Ulbrich/Bob Miller*
1959 | Hulman Student Union, 6 p.m. | *Jack Fenoglio*
1964 | Hulman Student Union, 6 p.m. | *Mike Johnson*
1974 | Old Bank Grille Restaurant, 6 p.m. | *Bill Olah*
2009 | The Copper Bar, Downtown, 9 p.m. | *Nate Richter*

OCTOBER 4

1969 | Stables Restaurant, 6 p.m. | *John Newlin*
1979 | The Ohio Building, 6 p.m. | *Greg Holler*
1984 | The Ohio Building, 6 p.m. | *Marcelo Copat*
1989 | Hulman Student Union, 6 p.m. | *John Becker*
1994 | Stables Restaurant, 6 p.m. | *Chis Hahn/Jay Moorman*
1999 | The Ohio Building, 6 p.m. | *Alyssa Lobo*
2004 | The Ohio Building, 6 p.m. | *Mike Martin/Chris Meyer*

www.rose-hulman.edu/homecoming2014



HONOR ROLL *of* DONORS

2013-2014

Students walk through the Root Quadrangle on a busy fall day on campus. The landmark honors the contributions of Chapman J. Root, whose company designed the world famous wasp-waist Coca-Cola bottle. (Photo by Shawn Spence)



GREETINGS ALUMNI AND FRIENDS,

The Honor Roll of Donors recognizes individuals and companies that have supported Rose-Hulman with a gift between July 1, 2013, and June 30, 2014. Nearly 32 percent of our alumni joined with corporations, foundations, faculty, staff, and other friends to contribute more than \$13.3 million during the 2013-2014 fiscal year. We are particularly proud that almost 29 percent of our young alumni gave this year. They responded to a challenge gift, providing \$40,000 in first-time gifts and increased renewals. Eighty-three percent of our dedicated faculty and staff members supported the institute with a gift this year. And, we had nine new members qualify for membership in the Chauncey Rose Society.

These financial contributions fuel the engine that drives our mission of providing our students with the world's best undergraduate science, engineering, and mathematics education in an environment of individual attention and support.

Alongside our 2013-14 donors' names, you will also find stories highlighting how your support transforms the lives of students and impacts the Rose-Hulman experience for so many.

I want to extend thanks on behalf of Rose-Hulman's students, faculty, and staff. Your generosity allows us to continue to develop the young women and men who will impact the world.

Forever Rose,

Rickey N. McCurry, J.D.
Vice President for Advancement

The following pages recognize those donors who contributed at least \$250 between July 1, 2013, and June 30, 2014. Please visit the Rose-Hulman website at www.rose-hulman.edu/honorrollofdonors for a complete listing of all donors who made a contribution during the 2013-14 fundraising campaign.

Every effort has been made to insure the accuracy and completeness of our donor listing. If you have any questions or comments, please contact the Office of Institutional Advancement at 812-877-8453 or DevelopmentOffice@rose-hulman.edu.

GIFT RECOGNITION CATEGORIES

Chauncey Rose Millennium Society

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

Platinum Torchbearer: \$10,000,000

Diamond Torchbearer: \$5,000,000

Torchbearer: \$1,000,000

Chauncey Rose Society

This category recognizes cumulative gifts made from the donor's first gift to Rose-Hulman through June 30, 2014, including corporate matching gifts and matching gift expectancies.

Chieftain: \$500,000

Fellow: \$250,000

Member: \$50,000

President's G.O.L.D. Circle

This category recognizes cumulative young alumni giving for the first 10 years following graduation, including corporate matching gifts and matching gift expectancies.

Gold: \$5,000

Silver: \$2,500

Bronze: \$1,000

Annual Giving Circles

This category recognizes annual gifts from July 1, 2013, to June 30, 2014, including corporate matching gifts and matching gift expectancies.

Herman Moench Circle: \$25,000

Hulman Circle: \$10,000

Founders Circle: \$5,000

Trustees Circle: \$2,500

Presidents Circle: \$1,000

Deans Circle: \$500

Rose and White Circle: \$250

Century Circle: \$100

1874 Heritage Society

This category recognizes 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.



CHAUNCEY ROSE SOCIETY

This society recognizes alumni, faculty, staff, parents, and friends whose cumulative gifts total at least \$50,000 through June 30, 2014.

Platinum Torchbearer \$10,000,000 and above

Mr. and Mrs. Michael L. Hatfield '84 H'04
Mrs. Theresa Vonderschmitt

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

Mrs. Christa Percopo

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

Mrs. Gayle Cook
Mrs. Margaret W. Foley*
Mr. and Mrs. Anton H. George H'03
Ms. Mari Hulman George H'98
Mr. and Mrs. Niles L. Noblitt '73 H'96
Mr. and Mrs. Eston L. Perry
Mr. Richard H. Raab* '43 H'96 and Mrs. Jean E. Raab
Mr. Jack W. Ragle H'89
Mr. and Mrs. Glen Raque '69 H'99
Mr. and Mrs. L. Donald Simpson '57 H'94

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

Mr. Jerry D. Badger '62
Mr. and Mrs. James R. Baumgardt '70 H'10
Mr. and Mrs. Robert E. Bright '57 H'01
Mr. and Mrs. John S. Chinn '56
Mr. and Mrs. Morris L. Cleverley '62

Mr. and Mrs. Robert A. Compton H'02
Mr. and Mrs. Carl Cook
Mrs. Ruby Cooney
Mrs. Marian Dedert
Mr. and Mrs. James D. Dunlop, II '52
Mr. William R. Fenoglio and Mrs. Stephanie Salter '61
Mr. and Mrs. Howard P. Freers '48 H'90
Mr. and Mrs. Gregory L. Gibson '84
Mrs. Muriel Hannig
Dr. and Mrs. G. Felda Hardyman '69 H'13
Mr. and Mrs. Larry J. Hatfield
Rex and Marge Hauser '54
Dr. Samuel F. Hulbert H'04 and
Mrs. Joy E. Hulbert H'04
Mr. Robert Kahn* '39 H'81 and Mrs. Louise Kahn
Mr. and Mrs. Edward P. Kelley '64
Mr. and Mrs. Gregory A. Lowe '84 H'14
Mr. Milton J. Lowenstein '48 H'95
Mr. and Mrs. Fred Maienschein '45
Ms. Jennifer M. Meyer '02
Dr. and Mrs. David C. Mitchell '48 H'83
Mrs. Marjorie Pearce
Mr. A. Janet Raines
Mr. Ronald G. Reeves '58 H'97
Mr. and Mrs. Burton E. Rossiter '69
Mr. and Mrs. John N. Roysse H'00
Mr. and Mrs. Donald W. Scott
Mr. and Mrs. Delbert C. Staley H'81
Mrs. June Swango
Mr. Clyde F. Willian '52 H'95

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

Mr. and Mrs. Donald J. Almqvist H'93
Mr. and Mrs. Jeffrey G. Belskus H'09

Mrs. Mildred L. Benning
Mr. and Mrs. Charles M. Boesenberg '70
Mr. and Mrs. H. D. Brown, Jr. '57 H'00
Mr. Warren Coffman*
Mr. Andrew B. Conru '90
Mr. and Mrs. B. Guille Cox, Jr. H'02
Dr. Michael A. Evans and Mrs. Andrea Terrell H'11
Mr. and Mrs. Mac Fehsenfeld '52 H'95
Mrs. Marcella F. Guthrie
Mrs. Frances B. Keating
Mr. and Mrs. Charles F. Kleptz '58
Mr. and Mrs. Andre B. Lacy H'85
Mr. and Mrs. Robert E. Leonard '64
Dr. and Mrs. Chris A. Mack '82
Mr. and Mrs. John K. Malmquist '69
Mrs. Cindy S. Martin and Mr. James Martin
Mr. and Mrs. Jeffrey S. McCreary '79 H'04
Ralph and Sue Mitchell '47 H'94
Mr. Anthony Mlinar '72
Dr. Dennis J. Paustenbach '74 H'07
Mrs. Kathy A. Perry and Mr. Russell Perry
Mr. Peter Feibleman and
Mrs. Susan S. Root-Feibleman
Mr. and Mrs. Robert W. Schwier '49
Mr. and Mrs. P. Carter Smith '56 H'92
Mr. Michael D. Thomas '64 H'97
Mr. John V. Titsworth '49 H'80
Ms. Josephine T. Tyler*
Mrs. Sally Vance
Mr. Stephen R. White '73
Mrs. Marilyn Winters
Mrs. Marjorie Withers*

'00 Alumnus/ae class year
H'00 Honorary degree recipient
* Deceased

DONOR PROFILE: CARY AND NORMA LAXER



CARY AND NORMA LAXER have had one common theme throughout their professional and married lives: a love of education.

"The love of education came from our parents," says Cary.

That's a sentiment reinforced by Norma when the couple talks about having a passion to pass that appreciation for education on to future generations.

Cary has been head of Rose-Hulman's Department of Computer Science and Software Engineering since 2002, earned the institute's Dean's Outstanding Teacher Award in 1987, and has been a longtime advocate for providing students with global educational experiences.

He has taken several student groups to work on innovative international design projects at Sweden's Uppsala University and Bilkent University in Turkey.

Norma, with a bachelor's degree in applied mathematics, teaches at a local catholic high school.

Cary and Norma are supporting Rose-Hulman with their financial contributions, qualifying them for Chauncey Rose Society membership.

Why would they choose to make such a generous financial commitment to an institution where they have already spent so much of their time and talent?

"This is another opportunity to be a part of something special and leave a legacy," Cary says. "We realize that the institute has huge needs, and it will take a lot of us to support those needs." ■

—Michael Kratage-Dixon, marketing manager

CHAUNCEY ROSE SOCIETY

This society recognizes alumni, faculty, staff, parents, and friends whose cumulative gifts total at least \$50,000 through June 30, 2014.

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

Dr. and Mrs. Ronald S. Artigue
Mr. Frank Aten
Mr. and Mrs. David H. Badger '53
Mr. and Mrs. Steven E. Bakota '93
Dr. and Mrs. John A. Bizal '57 H'00
Mr. and Mrs. John L. Bloxsome '57
Dr. and Mrs. Jack C. Bokros H'86
Mr. and Mrs. Wesley J. Bolsen '00
Mr. and Mrs. David B. Boodt '81
Lee and Judy Brda '62
Mrs. Myrl Brehany*
Barlow and Ursula Brooks '59
Mr. and Mrs. Timothy G. Brown '82
Mr. and Mrs. Morgan M. Bruck '69
Mr. and Mrs. Timothy M. Bruemmer
Mr. and Mrs. Jeffrey B. Burgan '77
Mr. and Mrs. Bruce E. Cahill '70 H'12
Mr. and Mrs. Patrick H. Cahill '67
Dr. Mary Ann Carroll
Mr. and Mrs. Dennis L. Carter '73 H'99
Mr. and Mrs. Richard M. Christman '72
Mr. David Chu
Mr. and Mrs. Fred O. Clayton '70
Mr. and Mrs. James A. Coles, Sr. '69
Mr. and Mrs. Robert L. Crowell '84

Mrs. Salome Demaree
Mrs. Joe Sue Denney
Mr. and Mrs. Thomas T. Dinkel '72
Mr. and Mrs. Ronald Dollens H'99
Dr. and Mrs. William J. Eccles
Mr. and Mrs. Robert P. Failing, Jr. '52
Mr. Jim Fehsenfeld
Mr. and Mrs. Vern W. Fellows '62
John and Margo Fenoglio '59
Mr. David C. Flock '57
Mr. and Mrs. Jack L. Foltz '57 H'99
Mr. and Mrs. Marshall D. Garino '61
Mrs. Holly Gerace and Mr. Terence A. Gerace
Ms. Carol Giacoletto
Dr. J. Darrell Gibson and Mrs. Peijun Sun
Mr. and Mrs. Max Gibson
Mr. Eugene H. Glass '49
Mr. Fred W. Goetsch, Jr. '57
Mr. Max E. Goodwin* '63 and Mrs. Dorothy B. Goodwin
Mr. and Mrs. Douglas A. Grim
Mr. and Mrs. Elmer A. Guerri '65
Mr. and Mrs. David L. Hannum '81
Mr. and Mrs. W. Kent Harris
Mr. Robert H. Harrison '70
Mrs. Myrna Hart
Mr. and Mrs. Barton D. Hartsock '58
Mr. and Mrs. Donald J. Heath '52

Dr. William H. Heller '83
Mr. Gregory L. Henneke and Mrs. Martha O'Connor
Mrs. Marlene Herakovich and Dr. Carl T. Herakovich '59
Mr. and Mrs. Michael L. Hines '84
Ms. Sandra J. Hodge
Mike and Martha Hogan
Mr. and Mrs. Willard R. Holland, Jr. '65 H'96
Frank and Linda Huff '60
Mr. Jack R. Hughes '55
Mrs. Julie Humphrey Nimmons
Mr. and Mrs. Donald M. Ings '70 H'99
Mr. and Mrs. Howard H. Irvin '43 H'87
Mr. Erik N. Jansen '78 H'00
Mrs. Patsy N. Jansen
Mr. Richard Johann
Mr. and Mrs. William B. Johnson '60
Mr. and Mrs. Michael E. Johnson '64
Mrs. Betsy Jones
Mr. and Mrs. David A. Jones
Mr. and Mrs. L. Birt Kellam '56
Mrs. Barbara A. Kelley
Mr. Walter Kindrick*
Bruce and Susan Kopf '64
Mr. and Mrs. George Kyle '48
Cary and Norma Laxer
Ms. Elaine Lee
Mr. and Mrs. James M. Lowes '70
Mr. and Mrs. Edward T. Mabley '47

Mr. James T. Malone '62
Thomas O. McCormick '91
Mrs. Alane Meis and Mr. Lucien Meis
Mrs. Roberta C. Meredith
Mr. and Mrs. Warren L. Mickens '77 H'99
Mrs. Mary Kate Miller
Mr. W. Darin Moody '87
Mrs. Roberta J. Moody
Dr. and Mrs. Noel E. Moore
Mr. and Mrs. Michael A. Mussallem '74 H'99
Mr. and Mrs. John T. Mutchner
Arthur and JoAnn Nelson '75
Mrs. Mary Ann Nelson
Mr. Werner E. Neuman
Mr. and Mrs. John M. Nevins '48
Mr. William B. Nicewanger '63
Dr. and Mrs. John L. Nichols
Mr. and Mrs. Patrick J. Noyes '76
Mr. and Mrs. William M. Olah '74
Mrs. Joanne Pease
Mr. and Mrs. Robert W. Pease '80
Mr. and Mrs. Jeffrey Perry
Mr. Francis H. Potts '56
Dr. and Mrs. George F. Rapp H'93
Mrs. Jean Reifenberg
Mr. and Mrs. David L. Robinson '73
Mr. and Mrs. John M. Robson
Mr. and Mrs. Robert J. Schacht '72
Mrs. Stella M. Scharf*
Mr. and Mrs. William D. Schindel '69 H'01
Mrs. Georgia Schmidt
Mr. and Mrs. Richard E. Schue '75
Mr. Norman G. Schuld '65
Mr. and Mrs. William D. Schwab '41 H'78
Mr. and Mrs. R. Allen Shipp '78
Mr. Gregory M. Shutske and
Mrs. Maria A. Markovich '71
Mr. and Mrs. William W. Sisson
Mrs. Mary K. Small
Brodie Smith '06
Mr. Donald E. Smith
Mr. and Mrs. Donald L. Sparks '72
Mr. and Mrs. George H. Stearley '49
Mr. and Mrs. Allan W. Stiles '52
Mrs. Mary Jane Stineman
Dr. and Mrs. J. L. Stoelting
Mrs. Naomi L. Summerlot
Mrs. Ronni Templeton
Mr. and Mrs. Thomas E. Templeton
Mr. and Mrs. Thomas O. Trueb '68
Mr. and Mrs. Jimmie J. Trueblood '77
Mr. and Mrs. Gary Tyrrell '90
D. James and Katherine Umpleby '80
Mr. Joe M. Valentine '43
Mr. and Mrs. Richard W. Van Kempema '43
Mrs. Rosemary Voges
Mr. and Mrs. Alexander J. Vogl '49 H'98
Dr. and Mrs. David R. Voltmer
Mr. and Mrs. Roger C. Ward '71
Mr. and Mrs. Dennert O. Ware
Mr. Mark H. Ware '00
Mrs. Reba Weaver
Mr. J. Prewitt Wehle* '47 and Mrs. Mary Wehle
Mrs. Evelyn Weibel
Mr. William M. Welch
Ms. Linda E. White
Mr. and Mrs. David A. Whiteley '78
Mr. and Mrs. Jack A. Wilcox '57
Mr. M. Andrew Williams '88
Mr. and Mrs. John S. Willian
Mrs. Marian Woosley
Mr. and Mrs. Alfred A. Yee '48 H'76

DONOR PROFILE: ELMER AND DEANNA GUERRI



"ROSE-HULMAN IS OUR EIGHTH WONDER of the World," says Elmer Guerri (CHEM, 1965). "Where else could we achieve so much with our donations of time, effort, and money?"

The philanthropic decisions by Elmer and his wife, Deanna, are driven by a dedication to education and the sense of fulfillment that they experience through hands-on interactions with students. Elmer's lifelong interest in archaeology and radiocarbon dating

has translated into an opportunity to be a guest lecturer in anthropology courses on campus. He also has sponsored and worked directly with Rose-Hulman students on senior-year capstone design projects.

"We want to see the students having uplifting experiences throughout their college years," Deanna states.

The Guerris are proud of the institute's continued progress. Elmer reflects, "When I graduated, I had one classmate who went to work for NASA, and we were all pretty excited. Today, that is the level all of the students are working on."

What hasn't changed on campus is just as important to the Guerris—Rose-Hulman's continued focus on individual attention, low student-to-professor ratio, and faculty members dedicated to supporting students' success in and out of the classroom.

Elmer and Deanna were welcomed into the Chauncey Rose Society last fall, recognizing their lifelong giving to the institute. ■

—Michael Kratage-Dixon, marketing manager

1874 HERITAGE SOCIETY

This society recognizes 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.

Mr. James S. Abel '65
Mr. and Mrs. Donald J. Alquist H'93
Mr. Frank Aten
Mr. Jerry D. Badger '62
Mr. and Mrs. Hugh J. Baker, III
Mr. David J. Baumann '77
Mrs. Mildred L. Benning
Mr. and Mrs. Myer Berman '58
Mr. Cameron C. Betz '12
Mr. and Mrs. Jerry W. Bissey '72
Mr. and Mrs. Wesley J. Bolsen '00
Mr. and Mrs. John Brabender '81
Mr. and Mrs. Bradley E. Braun '01
Mr. James A. Brewer '05
Mr. and Mrs. Robert E. Bright '57 H'01
Mr. and Mrs. H. D. Brown, Jr. '57 H'00
Mr. and Mrs. Morgan M. Bruck '69
Paul and Jean Buechler '76
Joan Toeppe Butz*
Mr. and Mrs. Scott N. Carney '77
Donald and Judy Carrell '57
Dr. Mary Ann Carroll
Mrs. Kathleen Cavanaugh
Mr. and Mrs. John S. Chinn '56
Mr. and Mrs. Richard M. Christman '72
Mr. and Mrs. Morris L. Cleverley '62
Mr. Denny W. Colvin '74
Mr. Richard L. Conn '76
Mrs. Ruby Cooney
Terry P. Corbin '70
Mr. and Mrs. Kenneth Cornelison '74
Mr. and Mrs. B. Guille Cox, Jr. H'02
Mrs. Marilyn S. Cranin
Mr. and Mrs. Eric W. Dany '69
Mr. and Mrs. Richard Daugherty '63
Mr. and Mrs. Darrin L. Davidson '86
Mr. and Mrs. Mitchell D. Day '87
Ms. Karen A. DeGrange
JQ and Ellen Delap '70
Mr. Martin A. Dixon '75
Peter and Vicki Doenges '69
Mr. and Mrs. B. William Dudley '65
Mr. Paul G. Earle '70
Mr. and Mrs. Gary A. Eck '78
Mr. and Mrs. R. Alan Englehart '69
Dr. Michael A. Evans and Mrs. Andrea Terrell H'11
Robert and Jeanne Evans '66
Mr. Lon D. Farr '07
Mr. and Mrs. Mac Fehsenfeld '52 H'95
Mr. and Mrs. Terrence L. Fenimore '65
John and Margo Fenoglio '59
Mr. William R. Fenoglio and
Mrs. Stephanie Salter '61 H'87
Mr. David K. Finfrock '76
Mr. Raymond L. Fischer '90
Mr. and Mrs. William E. Fleenor '70
Mrs. Margaret W. Foley*
Mr. and Mrs. Jack L. Foltz '57 H'99
Mr. and Mrs. Kevin H. Forbes '85
Mr. and Mrs. Michael D. Foster '94
Mr. and Mrs. Ray V. Frischkorn '65
Mr. and Mrs. Marshall D. Garino '61
Mr. and Mrs. Baron G. Gemmer '85
Mr. Paul J. and Mrs. Elaine Georgas, Jr. '77
Mr. and Mrs. Donald J. Gercken
in honor of Rollin M. Schahfer

Mr. John Gersting, Jr.
Mr. and Mrs. William L. Gibson '74
Mr. and Mrs. James W. Gidcumb '76
Mr. Steven C. Goble '71
Mr. Fred W. Goetsch, Jr. '57
Mr. and Mrs. Eduard L. Goheen '60
Mr. Robert W. Grabbe '74
Mr. and Mrs. Fred J. Gradous, Jr. '49
Mr. and Mrs. Charles W. Graham '76
Mr. Jarrod K. Gray '02
Mr. and Mrs. Thomas F. Gruenholz '71
Mr. and Mrs. Elmer A. Guerri '65
Mrs. Marcella F. Guthrie
Ms. Carolyn J. Guzik '12
Lieutenant Timothy P. Hachfeld '08

Mrs. Muriel K. Hannig
Dr. and Mrs. G. Felda Hardyman '69 H'13
Mrs. Evelyn A. Haring
Mr. and Mrs. W. Kent Harris
Mrs. Myrna Hart
Rex and Marge Hauser '54
Mr. and Mrs. Donald J. Heath '52
Dr. Carl T. Herakovich '59 and
Mrs. Marlene Herakovich
Mr. and Mrs. James W. Hicks '73
Mr. and Mrs. M. Troy Hill, Jr. '61
Mr. and Mrs. David D. Hoecker '69
Mr. and Mrs. David L. Hohfeldt '69
Mr. and Mrs. Ronald D. Hough '73
Frank and Linda Huff '60

Dr. Samuel F. Hulbert and Mrs. Joy E. Hulbert H'04
Mr. and Mrs. Howard H. Irvin '43 H'87
Mr. and Mrs. David M. Jakska '68
Dale and JoAnne Jeffers '47
Dr. and Mrs. Donald Jennermann
Mr. Wilfred Johnson '55
Mr. and Mrs. Donald G. Jones '80
Mr. Philip S. Jones '56
Mr. and Mrs. Robert Kahn* '39 H'81
Mr. John W. Katzbeck, Jr. '67
Mrs. Frances B. Keating
Mr. Irvin H. Keeler '42
Jeff and Lorna Keeler '66
Mrs. Barbara A. Kelley
Mr. and Mrs. Edward P. Kelley '64

DONOR PROFILE: ED AND LYNN KELLEY



GIVING BACK TO ROSE-HULMAN BY HELPING STUDENTS was key in the estate plans for Ed Kelley (ME, 1964), and his wife, Lynn.

"There are a lot of bright kids that we felt needed some help," Ed says.

So, the couple started the Edward P. and Lynn M. Kelley Scholarship Endowment Fund, a gift qualifying them for the Chauncey Rose and 1874 Heritage giving societies. In the span of 12 months, Ed and Lynn were proudly wearing navy jackets as Chauncey Rose Society Chieftains.

Ed's father, Edward Sr., was a 1926 Rose-Hulman graduate and proud member of the first class to graduate from the institute's current location.

Despite those family ties, Ed's relationship with Rose-Hulman almost didn't happen. Ed left the college after the couple married to support his family. After Lynn graduated from Indiana State University, Ed returned to Rose-Hulman and completed his bachelor's degree within two years after re-enrolling, catching up by alternating days between two simultaneous classes.

A 30-year international career with Caterpillar, Inc. followed for Ed, while Lynn became a junior high school teacher. Prudent investing put the Kelleys in a position to enjoy their early retirement in Arizona, and afforded them the opportunity to give back to Rose-Hulman.

Once the means were in hand, the motivation was fairly straight forward for the couple.

"I did some recruiting for Caterpillar and was always impressed with the caliber of Rose-Hulman students. We were always looking for engineers that could tell us what they had done, not what they would like to do. We found those students at Rose-Hulman."

Ed and Lynn chose a direct gift with a retained life interest to dramatically increase the future impact of their endowed scholarship. This gift allowed the Kelleys to receive an immediate tax benefit for their gift to Rose-Hulman. In addition to the substantial tax benefits, Ed and Lynn retain use of the property until voluntarily relinquished or upon their death. This arrangement is mutually beneficial to both the Kelleys and Rose-Hulman.

"We get to reap the harvest in terms of tax benefits while supporting Rose-Hulman in a special way," Lynn shares. ■

—Michael Kratage-Dixon, marketing manager

1874 HERITAGE SOCIETY

This society recognizes 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.

Mr. and Mrs. David J. Kelton '67
Mr. Walter L. Kindrick*
Norm and Teri Klein '72
Mr. and Mrs. Charles F. Kleptz '58
Bruce and Susan Kopf '64
Dr. and Mrs. Lloyd O. Krause '40
Mr. and Mrs. George Kyle '48
Mr. and Mrs. Roger K. LaCosse '71
Mr. Gregory A. LaPrest '13
Cary and Norma Laxer
John "Pete" Lee '45
Mr. and Mrs. Robert E. Leonard '64
Dr. and Mrs. Henry S. Lewandowski '82
Ryan and Mandy Loftus '98
Mr. Milton J. Lowenstein '48 H'95
Mr. and Mrs. James M. Lowes '70
Mr. and Mrs. Ronald L. Loyd '72
Mr. and Mrs. Edward T. Mabley '47
Mr. and Mrs. Fred Maienschein '45
Mr. and Mrs. John K. Malmquist '69
Mr. and Mrs. Jeffery A. McBrayer '73
Mr. and Mrs. Kenny M. McCreary '83
Thomas O. McCormick '91

Mr. and Mrs. Jeffrey S. McCreary '79 H'04
Mr. Eddie G. McCullough '84
Mr. and Mrs. Walter R. McIndoo '56
De Lee McNeil*
Mr. and Mrs. Michael J. McPherron '79
Mrs. Alane Meis and Mr. Lucien Meis
Mr. and Mrs. Karl C. Menke '81
Ms. Jennifer M. Meyer '02
Mr. and Mrs. James R. Milne '86
Mr. and Mrs. John C. Minor '91
Dr. and Mrs. David C. Mitchell '48 H'94
Ralph and Sue Mitchell '47 H'94
Mrs. Roberta J. Moody
Mr. W. Darin Moody '87
Dr. and Mrs. Noel E. Moore
Mr. and Mrs. Robert E. Munyon '75
Mr. and Mrs. Brent H. Mutti '96
Mr. and Mrs. John R. Nelson '77
Mr. William B. Nicewanger '63
Mr. and Mrs. Niles L. Noblitt '73 H'96
Dr. and Mrs. C. Mallory North
Mr. Kenneth C. and Mrs. Marjorie Oberst '72
Mr. Lawrence L. Ogborn '54

Mr. and Mrs. William M. Olah '74
Dr. and Mrs. William G. Owens
Mr. and Mrs. Robert L. Overpeck '57
Mr. and Mrs. Mark T. Owens '72
Mrs. Margaret M. Palmer Davis
Mr. and Mrs. Adam M. Parin '02
Dr. Dennis J. Paustenbach '74 H'07
Mrs. Sue E. Penrose
Mrs. Christa Percopo
Mr. and Mrs. Richard H. Raab* '43 H'96
Mr. Jack W. Ragle H'89
Ms. A. Janet Raines
Dr. Nina M. Ray
Mr. and Mrs. Ron E. Reehling
Mr. Ronald G. Reeves '58 H'97
Mark Renholzberger '82
Mr. and Mrs. Gary M. Reynolds '63
Mr. Daniel J. Rich '92
Mr. and Mrs. David L. Robinson '73
Mr. and Mrs. Burton E. Rossiter '69
Mr. Robert L. Royer '49
Mr. and Mrs. John N. Royle H'00
Mr. and Mrs. Paul E. Rupprecht, III '80

Mr. Randy G. Russell '79
Mr. and Mrs. Milton M. Sanders '58
Mr. and Mrs. Paul D. Scheibelhut '71
Mrs. Corinne L. Schue*
Mr. and Mrs. Robert W. Schwier '49
Mr. and Mrs. Donald W. Scott
Mrs. Theda Sheetz*
Mr. and Mrs. Gene Y. Shin '96
Mr. and Mrs. L. Donald Simpson '57 H'94
Mrs. Mary K. Small
Brodie Smith '06
Mrs. Carol Smith
Mrs. Cathy Smith
Mr. and Mrs. P. Carter Smith '56 H'92
Mr. and Mrs. Robert E. Smith
Dr. and Mrs. John T. Snow '68
Mr. Allen L. Snyder '05
Mr. and Mrs. Peter J. Soller '83
Mr. Delbert C. Staley H'81
Mr. and Mrs. Daniel C. Starr '75
Doug and Kris Stearley '79
Mr. and Mrs. Robert J. Stearley '57
Mr. Jeffrey L. and Mrs. Suzanne Sterrett '83
Mr. and Mrs. Richard D. Stiles '76
Jim and Cathy Story '73
Stephen and Barbara Sucher '76
Mrs. Naomi L. Summerlot
Dr. James and Isabel Summers '62
Mrs. June Swango
Gary and Carolyn Tate '58
Mr. and Mrs. James E. Tatoes '55
Mr. Jackie E. Taylor '83
Mr. Lawrence D. Thomas '57
Mr. and Mrs. Gerald L. Thomas
Mr. John V. Titsworth '49 H'80
Mr. Ralph L. Trimble '49
Mr. Jeffrey Tunis
Mr. and Mrs. Erwin A. Ulbrich, Jr. '54
Mr. and Mrs. Ronald W. Vahle '56
Mr. and Mrs. Richard W. Van Kempema '43
Mr. and Mrs. John VanEtten
Mrs. Theresa Vonderschmitt
Mr. and Mrs. Robert F. VonStralendorff '83
Mr. and Mrs. Joel R. Waldbieser '60
Mr. and Mrs. Kenneth D. Walter '83
Mrs. Reba Weaver
Mr. William E. Weaver* '53
Mr. Dale L. Wedel '86
Mrs. Evelyn Weibel
Mrs. Erica M. Weiler '02
Mr. William M. Welch
Mr. Joseph A. Wellings '68
John W. and Norma Welsh '43
Mr. and Mrs. Richard F. Werking '53
Mr. and Mrs. George R. West '84
Mr. and Mrs. John D. West '79
Mr. and Mrs. Charles E. Wickersham '73
Mr. and Mrs. Matthew C. Wiesenberg '78
Mr. and Mrs. David P. Wildemann '84
Mr. Thomas M. Wilhoite '66
Mr. M. Andrew Williams '88
Mr. Clyde F. William '52 H'95
Mrs. Marilyn Winters
Mr. and Mrs. James L. Worick '49
Mr. and Mrs. Xiaofeng Xu '95
Mr. and Mrs. David W. Zabel '86
Mr. Roger Zygmunt



HISTORIC RESIDENCE HALL: Deming Hall has been home away from home for Rose-Hulman students since the institute was moved to its present location. The building honors the contributions of Demas Deming, who was among the original Board of Managers.

PRESIDENT'S G.O.L.D. CIRCLE

This category recognizes young alumni 10-year cumulative giving through June 30, 2014.

Gold

\$5,000 and above

Mr. Matthew N. Albert '04 and Mrs. Jessica F. Albert '04
Mr. Eric M. Borzello '05
Mr. Nathan A. Carlson '07
Mr. James J. Compton '06
Mr. James M. FioRito '04
Mr. Justin R. Harger '05
Mr. Jason P. LaBella '04
Mr. Frank H. Levinson '03 and Mrs. Rebecca M. Levinson '05
Mr. Keenan C. Long '10
Mr. Christopher I. Meyer '04
Mr. Jon F. Pohlman '04
Mr. Gerald W. Rea '04
Bridget M. Revier '04
Ms. Sarah A. Sanborn '04
Brodie Smith '06
Mr. Ryan M. Snyder '05
Mr. Andrew D. Sullivan '02 and Mrs. Genevieve S. Sullivan '04
Mr. Nicholas A. Switzer '06
Mr. Daniel Unger '05 and Mrs. Bridget Unger '05

Silver

\$2,500 to \$4,999

Mr. Joel M. Anderson '07
Mr. Kyle M. Beaty '10
Mr. Christopher M. Biggers '05
Mr. Riley S. Buttry '07
Mrs. Rebecca K. Crecelius '05
Mr. Matthew D. DeVries '08 and Mrs. Samantha R. DeVries '08
Ms. Lindsey M. Frothingham '07
Mr. Wesley T. Gearhart '05 and Mrs. Krista N. Gearhart '05
Mr. Elliot I. Goodman '07
Michael Gough '07
Mr. Sean B. Jessup '08
Mr. Albert C. Johnson '11
Mr. Andrew T. Jordan '12
Mrs. Rachael L. Lynch '07
Mr. Peter T. Maginot '10 and Mrs. Megan F. Maginot '10
Mr. Matthew A. Mayer '07
Mr. Jonathan W. Meyer '07
Mr. Zackery J. Miller '04
Mr. Eric D. Monhaut '06
Mr. Matthew J. Moravec '13
Eric '02 and Christine Nelson '06
Mr. Kevin T. Nelson '08
Mr. Juan L. Paz '07 and Mrs. Jennifer M. Paz '09
Mr. Nicholas A. Philbrook '06
Mr. Evan J. Ramey '05
Mr. Guy P. Srinivasan '05
Mr. Matthew A. Trowbridge '08
Ms. Stefani Vande Lune '06

Bronze

\$1,000 to \$2,499

Mr. William R. Ackerly '04
Mr. David J. Anderson '07
Mr. Joseph K. Ausserer '10
Mr. Jeremy S. Barton '04
Mr. Marc W. Bassett '04 and Mrs. Amy M. Bassett '03
Mr. David M. Bauman '07
Mr. Matthew R. Baumgart '05

Mr. Jacob A. Beaty '12
Mr. Jerry C. Belton, II '11
Mr. Steven C. Bennett '09 and Mrs. Abigail K. Bennett '10
Mr. Bryce Borchers '09
Mr. Joshua E. Bowman '06 and Mrs. Laura C. Bowman '06
Ms. Mary E. Brackin '06
Mr. Thomas M. Buetow '08
Mrs. Gregory T. Busch '04 and Lisa M. Hall '04
Mr. Jason A. Clifford '04
Mr. Andrew T. Compton '07 and Mrs. Melissa A. Grette-Compton '09
Alex Cook '07
Nicholas '09 and Amanda Corkill '10
Mr. David M. Cornelius '06
Mr. Benjamin M. Decker '09
Mr. Richard A. Dempsey '12
Mr. Joel M. Derby '07
Mr. Noah L. Desch '07 and Mrs. Rebecca J. Desch '07
Mr. Justin C. DeWell '02 and Mrs. Ruth B. DeWell '04
Mr. Richard T. Do '07
Mr. Gregory P. Dopka, Jr. '08
Mr. Justin A. Druba '10
Ms. Charity S. Dudley '04
Ms. Morgan C. Dumm '12
Mr. Timothy L. Ekl '11
Mr. Thomas W. Eline '08
Ms. Ashley M. Erffmeyer '08
Ms. Cheryl J. Fang '05
Mr. Shane I. Frederick '05
Mr. Jonathon M. Fruchte '05 and Mrs. Megan B. Fruchte '06
Mr. Matthew B. Fuson '13
Dr. Amanda E. Gehring '08 and Mr. Ryan M. Smeltzer '10
Mr. Kyle D. Gossman '04

Mr. Ryan T. Groh '08 and Mrs. Jennifer L. Groh '09
Mr. Maxwell A. Grove '12
Lieutenant Timothy P. Hachfeld '08
Mr. Nicolas S. Hamilton '09
Mr. Christopher P. Hansen '08
Dr. Adam K. Haste '06
Mr. Michael R. Haughney '07
Mrs. Jennifer L. Hepp '04
Mr. Joshua R. Hertz '04
Mr. Cory J. Howell '05
Mr. Mark J. Intihar '09
Mr. Benjamin E. Jackson '09
Ms. Shannon R. Jaquess '07
Mr. Adam P. Jarboe '05
Alexandra Joyce '08
Mr. Steven T. Jugle '07
Mr. Christopher M. Katinas '05 and Mrs. Jade M. Katinas '05
Mr. Javid A. Khan '07
Ms. Amber M. Knust '11
Mr. John R. Koch '05
Mr. Christopher J. Kragh-Buetow '09 and Mrs. Katherine C. Kragh-Buetow '10
Mr. Gregory J. Laudick '12
Kristina Lawyer '08
Mr. Fredrick K. Lintz '06
Mr. Matthew B. Longbrake '07
Mr. Gregory D. Lyons '06 and Mrs. Jesseca R. Lyons '07
Mr. William MacLeod '05
Mr. Michael D. Martin '04
Mr. Mark A. Memering '08
Mr. Andrew P. Morin '04 and Mrs. Sara L. Morin '04
Mr. Michael A. Mrozek '09
Mr. Eric A. Nees '07
Mr. Kevin P. Newcomer '09
Mr. Kyle D. Overmyer '09 and Mrs. Dianna Artigue Overmyer '04

Mr. Stephen C. Owen '11 and Mrs. Theresa R. Owen '11
Ms. Erin L. Parker '10
Mr. Cole C. Pearson '11
Mr. Daniel L. Pechacek '07
Mr. Andrew J. Pinkstaff '09 and Mrs. Katrina N. Pinkstaff '09
Dr. Ross R. Poland '07
Mr. Robert H. Purvines '07
Mr. Michael C. Reeves '06
Mr. Kyle A. Rhodes '10
Mr. David P. Rickard '05
Mr. Guillaume D. Rousson '09
Dave Schluneker '08
Mr. Eric M. Schue '07
Ms. Melissa N. Schwenk '12
Ms. Dana M. Scully '06
Mr. Jonathan P. Seger '10
Mr. Colin S. Shipley '10 and Mrs. Natalie M. Shipley '11
Ms. Anne M. Sluti '06
Ms. Kimberly N. Smith '05
Mr. Allen L. Snyder '05
Mr. John R. Stargel '09
Mr. Todd M. Stout '07
Mr. Corey J. Sweatt '07
Ms. Krista M. Telljohann '12
Mr. Mitchell D. Thieme '11
Mr. Adam F. Traeger '09
The Twarek Family '05
Mr. Jeffrey A. Van Treuren '10
Mr. Jeremy D. Vickery '06
Mr. Eric W. Volz '07
Mr. Joseph M. Wanstrath '11
Mr. Gregory A. Wilke '06
Mr. Daniel R. Wismer '09
Mr. Theodore J. Wojtysiak '06
Mr. Alex H. Wolf '11
Mr. David W. Yip, Jr. '06



DONOR PROFILE: MIKE REEVES

AS THE OUTGOING PRESIDENT OF THE YOUNG ALUMNI COUNCIL (YAC), Mike Reeves (CE, 2006) has worked to ensure fellow Rose-Hulman alumni from the last decade remain engaged with the institute and support its annual and strategic initiatives to the best of their abilities.

At a time when life may be filled with other financial demands, Reeves has made the commitment to give back to his alma mater. "There is always a small gift that I can make annually to Rose-Hulman," he says. "My gift helps maintain the value of my degree, because the annual alumni giving percentage is such a big part of the way the world looks at Rose-Hulman."

Reeves reinforced that commitment last year as he worked with the Office of Institutional Advancement to encourage young alumni to respond to a challenge gift made by a member of the Class of 1957. That challenge resulted in a number of first-time gifts from Graduates of the Last Decade (G.O.L.D.) and saw an increase in past G.O.L.D. donors.

Reeves saw his efforts as an opportunity to encourage others to join him in reaffirming the important role Rose-Hulman has played in their lives.

ANNUAL GIVING CIRCLES

This category recognizes annual gifts of \$250 or more from July 1, 2013, to June 30, 2014. A complete listing of all donors can be found by visiting the Rose-Hulman website at www.rose-hulman.edu/honorrollofdonors.

Herman Moench Circle

\$25,000 and above

Mr. William Ahrens
Mr. Jerry D. Badger '62
Mr. and Mrs. John S. Chinn '56
Mr. and Mrs. Carl Cook
Mr. and Mrs. James M. Cornelius
Dr. Michael A. Evans H'11 and Mrs. Andrea Terrell
Mr. and Mrs. Mac Fehsenfeld '52 H'95
Mr. William R. Fenoglio '61 H'87 and Mrs. Stephanie Salter
Mr. and Mrs. Gregory L. Gibson '84
Mrs. Marcella F. Guthrie
Dr. and Mrs. G. Felda Hardyman '69 H'13
Mr. and Mrs. Robert J. Hillis '69 H'13
Mr. and Mrs. Donald M. Ings '70 H'99
Mr. Irvin H. Keeler '42
Mr. James T. Malone '62
Mrs. Cindy S. Martin and Mr. James Martin
Ms. Kelsey E. Martin
Mr. and Mrs. Niles L. Noblitt '73 H'96
Mr. and Mrs. Patrick J. Noyes '76
Mr. and Mrs. Jeffrey Perry
Mrs. Kathy A. Perry and Mr. Russell Perry
Mr. and Mrs. David L. Robinson '73
Mr. and Mrs. Milton M. Sanders '58
Mr. and Mrs. E. Mark Schulz '76
Mr. and Mrs. Robert W. Schwier '49
Mr. and Mrs. Donald L. Sparks '72
Mr. Lawrence D. Thomas '57
D. James '80 and Katherine Umpleby
Mr. and Mrs. Roger C. Ward '71
Mrs. Reba Weaver
Mr. J. Prewitt Wehle '47* and Mrs. Mary Wehle

Hulman Circle

\$10,000 to \$24,999

Mr. Michael J. Bach '99 and Mrs. Christine M. Bach '00
Mr. and Mrs. James R. Baumgardt '70 H'10
Mr. and Mrs. Jeffrey G. Belskus H'09
Mr. and Mrs. Robert E. Bright '57 H'01
Mr. and Mrs. Bruce E. Cahill '70 H'12
Mr. and Mrs. Patrick H. Cahill '67
Donald '57 and Judy Carrell
Dr. and Mrs. James C. Conwell
Mr. and Mrs. B. Guille Cox, Jr. H'02
Mr. and Mrs. Gregory J. Dawe '71
Mr. and Mrs. Thomas T. Dinkel '72
Mr. and Mrs. Anton H. George H'03
Ms. Mari Hulman George H'98
Ms. Carol Giacoletto
Mr. and Mrs. Max Gibson
Mr. and Mrs. Stephen C. Gillman '79
Mr. Peter A. Gustafson and Mrs. Donna J. Gustafson
Dr. and Mrs. Jerome E. Hahn '62
Mr. and Mrs. Michael L. Hatfield '84 H'04
Rex '54 and Marge Hauser
Dr. William H. Heller '83
Mr. and Mrs. Willard R. Holland, Jr. '65 H'96
Frank and Linda Huff

'00 Alumnus/ae class year
H'00 Honorary degree recipient
* Deceased

Mr. Richard Johann
Mr. Jason P. LaBella '04
Dr. and Mrs. Chris A. Mack '82
Mr. and Mrs. John K. Malmquist '69
Mr. and Mrs. John R. Mayo '92
Mr. and Mrs. Jeffrey S. McCreary '79 H'04
Mr. and Mrs. Warren L. Mickens '77 H'99
Dr. and Mrs. David C. Mitchell '48 H'83
Mr. and Mrs. Anthony W. Montgomery '86
Mr. W. Darin Moody '87
Mr. and Mrs. James Nissen
Mrs. Joanna Pease
Mr. and Mrs. Robert W. Pease '80
William C. '60 and Phyllis L. Perkins
Gerald '57 and Margaret Rose
Mr. and Mrs. William S. Rowling '98
Mr. and Mrs. John N. Royle H'00
Mr. and Mrs. William D. Schindel '69 H'01
Mr. Norman G. Schuld '65
Mr. and Mrs. Donald W. Scott
Mr. and Mrs. Robert J. Stone '86
John '81 and Anne Swearingen
Mr. Joseph F. Touchton
Mr. and Mrs. Jimmie J. Trueblood '77
Mr. and Mrs. Joseph A. Wendel '95
Ms. Colleen A. Williams
Mr. M. Andrew Williams '88
Mr. and Mrs. Nathan H. Wright '88

Founders Circle

\$5,000 to \$9,999

Mr. and Mrs. Scott Atkin
Carl H. Bals '52
Dr. and Mrs. Ben F. Brian, III '82 H'04
Mrs. Marilyn Britt
Mr. Patrick J. Brown '98 and Mrs. Heather M. Brown '98
Mr. and Mrs. Morgan M. Bruck '69
Mr. Nathan A. Carlson '07
Mr. and Mrs. Scott N. Carney '77
Mr. and Mrs. Dennis L. Carter '73 H'99
Dr. and Mrs. Phillip J. Cornwell
David '63 and Susan Dumford
John '59 and Margo Fenoglio
Mr. Paul J. '77 and Mrs. Elaine Georgas, Jr.
Mr. and Mrs. James A. Goecker
Mr. and Mrs. David Grubb, III '82
Mr. and Mrs. F. William Grube '70
Mr. and Mrs. Bryan S. Hales '93
Mr. and Mrs. Joseph E. Haniford '80
Mr. Robert H. Harrison '70
Mr. Fred Henize and Mrs. Linda Boatman Henize
Mr. and Mrs. Ronald D. Hough '73
Mr. and Mrs. Peder Jungck
Mr. and Mrs. L. Birt Kellam '56
Ralph '74 and Joyce Kirkpatrick
Mr. Frank H. Levinson '03 and Mrs. Rebecca M. Levinson '05
Mr. and Mrs. Kevin J. Liekhus '82
Mr. Keenan C. Long '10
Mr. and Mrs. Kenny M. McCleary '83
Mr. and Mrs. Stephen W. Meier '74
David L. '63 and Linda C. Roberts
Mr. and Mrs. Robert J. Schacht '72
Mr. James M. Schoonover, III '78
Mr. and Mrs. Rodney G. Schrader '84
Dr. Yosi Shiberu
Mr. and Mrs. R. Allen Shipp '78
Mr. and Mrs. William W. Sisson

Mr. and Mrs. Dennis A. Smith '71
Mr. John P. Sparks '81
Mr. and Mrs. Gregory R. Stein '87
Mrs. Naomi L. Summerlot
Mr. and Mrs. Timothy N. Tipton '78
Mr. and Mrs. Gary Tyrrell '90
Mr. and Mrs. William W. Weil '58
Mr. and Mrs. David A. Whiteley '78
Mr. and Mrs. Bert O. Williams, Jr. '67
Mr. Clyde F. Willian '52 H'95
Mrs. Mary G. Witsken
Dr. Kathryn E. Zao and Mr. John Zao

Trustees Circle

\$2,500 to \$4,999

Mr. Matthew N. Albert '04 and Mrs. Jessica F. Albert '04
Dr. and Mrs. Ronald S. Artigue
Mr. and Mrs. David H. Badger '53
Jim '71 and Mary Add Baker
Dr. and Mrs. John A. Bismayer
Mr. and Mrs. Brian S. Blair '95
Mr. and Mrs. Robert L. Bowen
Mr. D. F. Brannon '56
Mr. and Mrs. Kurt F. Breischaft '91
Mr. Eric R. Brodeur '93
Mr. and Mrs. Timothy G. Brown '82
Mr. and Mrs. Timothy M. Bruemmer
Mr. and Mrs. Jeffrey B. Burgan '77
Mr. and Mrs. Richard D. Conard '70
Dr. and Mrs. Anthony D. Coopridge '86
Mr. and Mrs. Robert L. Crowell '84
Mrs. Heidi E. Davidson '03 and Mr. James R. Davidson
Mr. and Mrs. Wesley L. Davis '87
Mrs. Joe Sue Denney
Mr. and Mrs. Richard Dovalovsky
Mr. and Mrs. Steven A. Eisenbrown '76
Mr. and Mrs. Jack L. Foltz '57 H'99
Mr. and Mrs. John R. Frischkorn '65
Mr. and Mrs. Scott A. Gage '94
Mr. Eugene H. Glass '49
Mr. and Mrs. Stuart W. Gosch '80
Mr. and Mrs. Michael A. Haughney '75
Dr. Robert A. Heavin '73
Mr. Gregory L. Henneke '75 and Mrs. Martha O'Connor
Mr. and Mrs. David D. Hoecker '69
Mr. and Mrs. W.K. Hollingsworth '59
Mr. and Mrs. R. Scott Jaeger '89
Mr. Robert E. Johnson '52
Mr. and Mrs. Thomas Jugle
Mrs. Scott R. and Elaine M. Kirkpatrick
Norm '72 and Teri Klein
Mr. Phillip T. Krein
Mr. and Mrs. Richard J. Kremer '58
Cary and Norma Laxer
Mr. and Mrs. Danny W. Lenz '66
Mr. and Mrs. John E. Leonard '69
Mr. Milton J. Lowenstein '48 H'95
Mr. and Mrs. Robert P. Luoma '80
Mr. and Mrs. Edward T. Mabley '47
Mr. Michael J. Markowski '78 and Mrs. Diane Norman
Thomas O. McCormick '91
Mr. Rickey N. McCurry and Mrs. Sandra L. McCurry
Mr. and Mrs. Mark E. Melton '90
Ms. Jennifer M. Meyer '02
Dr. and Mrs. Richard J. Miller '95
Mr. and Mrs. Scott M. Mottonen '87

Mr. and Mrs. Gregory A. Myers '80
Arthur '75 and Jo Ann Nelson
Eric '02 and Christine Nelson '06
Mr. and Mrs. James V. Nordmeyer '78
Mr. and Mrs. Edward A. Oblon '84
Mr. Lawrence L. Ogborn '54
Mr. and Mrs. Adam M. Parin '02
Mr. and Mrs. Shelton Poland
Mr. and Mrs. Dan J. Price '75
Mr. and Mrs. Neil D. Quellhorst '76
Bridget M. Revier '04
Willis '47 and Nan Rose
Mike Schipper '82 and Joanna Brell
Mr. Gregory M. Shutske '71 and Mrs. Maria A. Markovich
Mr. and Mrs. Scott D. Slisher '94
Mr. and Mrs. P. Carter Smith '56 H'92
Mr. and Mrs. Allan W. Stiles '52
Mr. and Mrs. Thomas E. Templeton
Mr. and Mrs. David A. Thomas '57
Dr. Michael L. Tumey '73
Matt '93 and Mitzi Warstler
Mr. William M. Welch
Mr. and Mrs. Brian D. Wilson '87
Mr. and Mrs. Douglas S. Winner '74
Mr. and Mrs. E. Allen Wright '64

Presidents Circle

\$1,000 to \$2,499

Mr. and Mrs. Todd M. Adams '96
Mrs. Jameel Ahmed and Christine A. Buckley
Mr. and Mrs. Christopher K. Aimone
Mr. George W. Allen, Jr. '67 and Mrs. Ann M. Collins
Mr. and Mrs. Cecil R. Ambuehl '58
Mr. and Mrs. Philip R. Amick '80
Dr. and Mrs. John S. Andersen '78
Mr. and Mrs. William G. Anderson '69
Mr. Jonathan E. Atkins '94
Ms. Alison M. Bailey '03
Phil Banet '91
Mr. and Mrs. Kyle M. Beaty '10
Mr. J. Bradley Bechtel '92
M. Alan '64 and Martha Bechtel
Mr. and Mrs. John C. Beitz
Mr. Bryan E. Bell '89
Mr. and Mrs. Patrick Benedicto
Dr. and Mrs. Michael D. Bennett '73
R. Larry '60 and Jackye Berger
Mr. and Mrs. James A. Bertoli
Mr. and Mrs. Mike Bertsche
Mr. Daniel Berzsenyi '94 and Mrs. Agnes P. Berzsenyi '95
Mr. and Mrs. William M. Bess '66
Mr. Christopher M. Begg's '05
Dr. and Mrs. Curt R. Bilby '82 H'06
Mr. and Mrs. John T. Bingle '84
Mr. and Mrs. Jerry W. Bissey '72
Dr. and Mrs. Bruce A. Black
Steve '70 and Jane Blair
Mr. and Mrs. J. Michael Blakley
Mr. and Mrs. Alfred D. Bosley, Jr. '53
Mr. Joshua E. Bowman '06 and Mrs. Laura C. Bowman '06
John '65 and Susan Boyer
Mr. and Mrs. William R. Bradford '86
Mrs. D. Allen and Judith Broughton

Mr. and Mrs. Todd A. Brown '91
 Mr. and Mrs. Ronald L. Brunner '52
 Mr. Peter C. Bryson '02
 Mr. and Mrs. Scott Buchta
 Mr. Darin M. Buening '02
 Mr. and Mrs. Edward A. Bullerdiek '82
 Mr. and Mrs. David A. Burgner '72
 Mr. Andre Burrell and Mrs. Susan Glick
 Mr. and Mrs. Brian D. Byrer '85
 Mr. Douglas A. Carlton '84
 Mr. and Mrs. Donald Carter
 Dr. Caroline Carvill
 Mr. Gregory J. Cassidy '87
 Mrs. Michelle L. Cataletto '01 and
 Mr. Michael Cataletto
 Mr. and Mrs. Brian Chappell
 Dr. and Mrs. John Chase
 Paul T. Chen '66
 Mr. and Mrs. Tim J. Cindric '90
 Michael '61 and Mary Jane Clayton
 Mr. and Mrs. Alvin L. Cleek '64
 Mr. and Mrs. James M. Colligan
 Mr. James J. Compton '06
 Mr. Richard L. Conn '76
 Mr. and Mrs. Peter Cook
 Mr. Robert A. Coons and Mrs. Tamera L. Coons
 Mr. and Mrs. David Cooper
 Mr. and Mrs. Marcelo S. Copat '84
 Mr. David M. Cornelius '06
 Mr. and Mrs. William Cornell
 Mr. Daniel P. Costenaro '01 and Mrs. Michelle E.
 Costenaro '01
 Mr. and Mrs. Michael T. Crist '91
 Hal '48 and Jo Cultice
 Mr. Lawrence J. Cuneo
 Mr. Marc A. Cwik '96
 Mr. and Mrs. Roderick T. Daebelliehn '89
 Willie '89 and Monika Daffron
 Mr. and Mrs. Robert W. Davignon
 Mr. Dedic A. Day '03 and Mrs. Alicia K. Day '03
 Mr. and Mrs. Richard Deitch, II '85
 Drs. Michael S. and Rebecca B. DeVasher
 Mr. Matthew D. DeVries '08 and
 Mrs. Samantha R. DeVries '08
 Mr. and Mrs. Gerald R. Dinkel '68
 Dr. and Mrs. Richard P. Diteon '75
 Mr. and Mrs. Henry T. Doherty '79
 Mr. and Mrs. Matthew W. Donk '90
 Mr. and Mrs. Michael L. Donoghue '82
 Drs. Craig and Carla A. Downing
 Ms. Morgan C. Dumm '12
 Mr. Paul G. Earle '70
 Dr. and Mrs. William J. Eccles
 Ms. Michelle D. Einhorn '03
 Mr. Timothy L. Ekl '11
 Reverend and Mrs. Charles Ellestad
 Mr. Jason Scott Embry
 Dr. and Mrs. Kent W. Erb '77
 Mr. and Mrs. George H. Ernest, II '78
 Mr. and Mrs. Edward G. Evers, PE '83
 Mr. and Mrs. Kevin M. Fagan '83
 Mr. and Mrs. Ralph E. Fain '76
 Mr. and Mrs. Vern W. Fellows '62
 Mr. James M. FioRito '04
 Mr. Ron Fisher
 Mr. and Mrs. William E. Fleenor '70
 Mr. Benjamin C. Ford '98
 Mr. and Mrs. R. A. Forsaith, Jr. '52
 Mr. and Mrs. David Foss
 Mr. and Mrs. Michael A. Francis '65
 Mr. and Mrs. Howard P. Freers '48 H'90
 Mr. and Mrs. David E. Freshour '74
 Mr. and Mrs. Mark F. Frink '92
 Mr. and Mrs. Mark J. Galambus '76

Mr. and Mrs. John C. Gaughan '58
 Ms. Lisa G. Gibson
 Mr. and Mrs. James W. Gidcumb '76
 Dr. and Mrs. James K. Gilman '74 H'11
 Jack '61 and Jan Gilmour
 Mr. James H. Ginther, III '03
 Mr. Fred W. Goetsch, Jr. '57
 Mr. and Mrs. Richard A. Gollhofer '77
 Mr. Elliot I. Goodman '07
 Michael Gough '07
 Mr. Theodore J. Gould '00 and
 Mrs. Stephanie L. Gould '00
 Mr. and Mrs. Patrick C. Grace '00
 Mr. and Mrs. Warren K. Griffith '61
 Mr. and Mrs. E. S. Griggs '88
 Mr. and Mrs. Elmer A. Guerri '65
 Mr. Donald A. Gunder '67
 Dr. Elizabeth M. Hagerman '00
 Dr. and Mrs. Thomas B. Hakes '67
 Mr. and Mrs. Michael P. Haley '69
 Mr. and Mrs. Robert W. Hall '59
 Mr. and Mrs. Wesley O. Hamilton '96
 Mr. and Mrs. Paul S. Hannah '67
 Mrs. Muriel K. Hannig
 Mr. and Mrs. David L. Hannum '81
 William '55 and Anna Hansford
 Dr. and Mrs. James H. Hanson
 Mr. and Mrs. Jeffery Havens
 Mr. Erik Z. Hayes '97 and Mrs. Melinda M. Hayes
 Mr. and Mrs. Donald J. Heath '52
 Mr. Joshua R. Hertz '04
 Dr. Alyssa A. Hill '00 and Mr. Christopher Hill
 Mr. and Mrs. Daily S. Hill '79
 Mr. and Mrs. Dean A. Hill '84
 Thomas G. H'12 and Susan C. Hoback
 Mr. and Mrs. David W. Hoggatt '81
 Kent '75 and Debbie Holcomb
 Dr. and Mrs. G. Thomas Holmes '64
 Mr. and Mrs. J. Daniel Hopkins
 Dr. John Foy Hoppe '75
 Alan '68 and Peg Hoskin
 Mr. and Mrs. Charles G. Howard H'05
 Mr. Cory J. Howell '05
 Mr. Robert G. Howell '85
 Mr. and Mrs. Joshua Howie
 Ms. Joan Hubbard
 Mr. and Mrs. A. Blair Hughes '80
 Mr. Jack R. Hughes '55
 Mr. and Mrs. James E. Hughes '93
 Mr. Chris Inman '00
 Mr. and Mrs. Howard H. Irvin '43 H'87
 Mr. and Mrs. R. Neil Irwin '63
 Ms. Melissa Jackson
 Mr. and Mrs. James A. Jacobi '95
 Mr. and Mrs. John A. Jacobi '69
 Mr. and Mrs. Ronald R. Jennings '60
 Raymond '70 and Peggy Jirousek
 Mr. Albert C. Johnson '11
 Elizabeth Johnson
 Mr. Harry T. Johnson '99
 Mr. Ryan D. Johnson '02 and
 Mrs. Angelica E. Johnson '02
 Mr. and Mrs. Donald G. Jones '80
 Bob '89 and Sharon Jones
 Mr. Andrew T. Jordan '12
 David C. Jordan
 Mr. and Mrs. J. Scott Josif '72
 Mr. Allan T. Junker '50
 Mr. and Mrs. James Kadela
 Mr. and Mrs. Jason R. Karlen '92
 Jeff '66 and Lorna Keeler
 Mr. and Mrs. Stephen T. Kennedy '81
 Dr. and Mrs. William A. Kline
 Mr. and Mrs. Paul N. Koch '77



INNOVATIVE PLACE:
 Student competition
 teams, clubs, and project
 design groups work
 together in the Branam
 Innovation Center, named
 in honor of former
 President Matt Branam.
 (Photo by Shawn Spence)

Evans '89 and Mimi Kokoska
 Mr. David W. Kooyman '90
 Bruce '64 and Susan Kopf
 Mr. and Mrs. Edward Krome, Jr. '71
 Mr. and Mrs. William E. Kuchar '59
 Mr. and Mrs. Joseph S. Kunkel '84
 Mr. and Mrs. Robert L. Kylander '46
 Mr. and Mrs. George Kyle '48
 Mr. and Mrs. Roger K. LaCasse '71
 Mr. and Mrs. Scott Lambert
 Mr. and Mrs. James W. Lane, Jr. '66
 Mr. Peter B. Lanham, III '57
 Mr. and Mrs. Kevin R. Lanke '97
 Mr. and Mrs. Donald R. Lanning '61
 Mr. Frank L. Larr, Jr. '58
 Mr. John R. Lasswell '77 and Mrs. Ruth Laswell

Mr. Gregory J. Laudick '12
 Mr. David D. Lawrence '00 and
 Mrs. Jennifer L. Lawrence '02
 Mr. Joshua J. Lehnert '03 and
 Mrs. Elizabeth D. Lehnert '03
 Mr. and Mrs. Richard D. Leonard '85
 Mr. Matthew W. LeVora '01 and
 Mrs. Jennifer K. LeVora '01
 Mr. and Mrs. William Lindstaedt
 Mr. Nathan A. Lockhart '02 and
 Mrs. Tracey L. Lockhart '02
 Dr. Martin Piekos and Mrs. Lorette Luksha
 John '66 and Roxann Lynn
 Mr. and Mrs. Michael R. Mann '77
 Mr. and Mrs. Owen B. March '56
 Mr. John R. Marum '83

Mr. and Mrs. Paul R. Mason '56
 Dr. and Mrs. Thomas W. Mason
 Mr. and Mrs. James L. Massey '58
 Mr. and Mrs. Edward C. Masuoka '55
 Mr. and Mrs. Gerald D. Matthews, Jr. '77
 Mr. and Mrs. Michael K. McCullough '81
 Mr. and Mrs. Wayne A. McGlone '74
 Mr. and Mrs. Timothy M. McGrath '80
 Mr. and Mrs. Stephen F. McIrvine '99
 Mr. and Mrs. Bradley R. McKain '82
 David McKinney '00
 Mr. and Mrs. William L. McNiece '73
 Mrs. Alane Meis and Mr. Lucien Meis
 Dr. and Mrs. J.P. Mellor
 Mr. and Mrs. Karl C. Menke '81
 Mr. and Mrs. Michael B. Merrick '78
 Mr. Christopher I. Meyer '04
 Mr. and Mrs. Thomas O. Michaelis '69
 Mr. and Mrs. Spencer Minear
 Mr. and Mrs. Jon G. Moehlmann '70
 Mr. and Mrs. Jeffrey C. Moore '83
 Mr. Travis A. Moore '02 and Mrs. Rebecca L. Moore '02
 Drs. Ramana S. Moothy '84 and Shailaja Valluri
 Mr. Andrew P. Morin '04 and Mrs. Sara L. Morin '04
 Mr. Richard F. Morris '80
 Mr. and Mrs. Everett C. Moseman '50
 Mr. and Mrs. Joseph G. Moser '56
 Mr. and Mrs. William Mounts '93
 Mr. and Mrs. L. Michael Mueller '75
 Mr. and Mrs. Byron L. Myers '68
 Mr. and Mrs. John T. Myers H'96
 Larry '61 and Faye Myers
 Mr. Mark J. Nagy '80
 Mr. and Mrs. Myles M. Nakamura '89
 Mr. and Mrs. Richard A. Neal '77
 Mr. and Mrs. Robert A. Neal '77
 Mr. Roger A. Nelson '67

Mr. and Mrs. Don Neuenschwander
 Mr. Kevin P. Newcomer '09
 Mr. and Mrs. John S. Newlin '69
 Mr. and Mrs. John T. Newlin '43
 Mr. and Mrs. Bradley R. Newman '84
 Mr. William B. Nicewanger '63
 Mrs. Helen T. Noel
 Mr. Leon A. Nolting
 Mr. and Mrs. Robert J. Nordyke '86
 Mr. Michael A. Norris '77
 Mr. Michael D. Olson '97
 Mr. and Mrs. Frank E. Oriold
 Mr. and Mrs. James Parker
 Ms. Jami J. Patterson
 Mr. and Mrs. Jerry T. Payonk, PE '84
 Mr. and Mrs. Robert J. Pesavento '62
 Mr. and Mrs. David Phelan
 Mr. Gary W. Phipps '60
 Mr. and Mrs. Larry L. Pitt '61
 Mr. and Mrs. Jon F. Pohlman '04
 Mr. David G. Beghtel and Mrs. Karen Ponder-Beghtel
 Mr. and Mrs. Randall L. Potts '71
 Mr. Ronald G. Reeves '58 H'97
 Mr. and Mrs. Stephen W. Reiss '66
 Mr. and Mrs. David J. Reynolds, PE '89
 Mr. and Mrs. Gary M. Reynolds '63
 Dr. Donald E. Richards and Ms. Martha J. Crossen
 Mr. Randall Rickard and Mrs. Susan Andrews, MD
 Mr. and Mrs. Kurt W. Rigenbach '95
 George '73 and Marilyn Rodibaugh
 Mr. and Mrs. Robert M. Rouse '82
 Mr. Robert L. Royer '49
 Mr. Gregg L. Rupp
 Mr. and Mrs. Philip K. Salitros '75
 Ms. Sarah A. Sanborn '04
 Mr. and Mrs. William H. Schaper '60
 Mrs. Charlene Scharpenberg

Mr. and Mrs. Paul D. Scheibelhut '71
 Mr. and Mrs. Barry T. Schneider '90
 Mr. and Mrs. Michael W. Schneider '78
 Mr. Robert J. Schukaj, Jr. '86 and Mrs. Linda S. Rowley
 Dr. and Mrs. Mark J. Schuld '91
 Mrs. Renee M. Schwecke '98 and Mr. Scot Coffey
 Mr. and Mrs. Michael A. Schwenk '73
 Mr. and Mrs. Charles L. Sigman '80
 Mr. and Mrs. Randall E. Simon '75
 Mr. and Mrs. Stephen I. Skersick '61
 Mr. and Mrs. John W. Slack, Jr. '66
 Mrs. Mary K. Small
 Dr. Amanda E. Gehring '10 and
 Mr. Ryan M. Smeltzer '03
 Mr. and Mrs. Garrett P. Smith '76
 Mr. and Mrs. Gregory C. Smith '73
 Sherm '60 and Ruth Smith
 Mr. Troy R. Snider '82
 Mr. and Mrs. Ryan M. Snyder '05
 Mr. Lee R. Sorrell '87
 Mr. and Mrs. Edward Spyhalski, Jr. '81
 David G. '64 H'95 and Shelia A. Staggs
 Dr. and Mrs. Richard E. Stamper '85
 Mr. Bill Stanczykiewicz
 Mr. Ian T. Steenhagen '02
 Dr. and Mrs. Robert Steinhauser '54 H'98
 Mr. Gregory S. Stump and Mrs. Bunny S. Nash
 Mr. Andrew D. Sullivan '02 and
 Mrs. Genevieve S. Sullivan '04
 Dr. James '62 and Isabel Summers
 Dr. J. Darrell Gibson and Mrs. Peijun Sun '94
 Mr. and Mrs. David O. Swain H'01
 Mr. and Mrs. Charles E. Sweeney '72
 Mr. and Mrs. Joe C. Swift '69
 Mr. and Mrs. Thomas Tarzian '68 H'99
 Mr. and Mrs. Michael A. Taylor
 Mr. and Mrs. Caleb J. Tennis '01

Dr. and Mrs. Fred H. Terry '62
 Mr. and Mrs. William L. Thaler '73
 Mr. and Mrs. Johnnie L. Theriac '73
 Mr. and Mrs. Seibert D. Thomas '51
 Mr. and Mrs. Mark C. Tingley '02
 Mr. Adam F. Traeger '09
 Jim '74 and Judy Tribble
 Mr. Matthew A. Trowbridge '08
 Mr. and Mrs. Csaba Truckai
 A. Michael Tucker '80
 Mr. and Mrs. Kevin R. Turpin '83
 Mr. and Mrs. Joseph B. Tynan '66
 Mr. Daniel Unger '05 and Mrs. Bridget Unger
 Mr. and Mrs. Michael J. Van Stone '86
 Mr. Thomas C. VanderLaan '85 and Mrs. Sandy Kiesel
 Mr. Roger R. VanDerSnick '85
 Mr. William N. Waggener, Sr. '57
 Mr. and Mrs. Ralph E. Wagle '83
 Drs. Lee R. and Gabi N. Waite
 Mr. and Mrs. John S. Walden '62
 Mr. and Mrs. Kenneth D. Walter '83
 Mr. and Mrs. Dion E. Walz '97
 Mrs. Eula Webb
 Mr. and Mrs. Philip H. Wehl '77
 Mr. and Mrs. Fred J. Wernicke '60
 Mr. and Mrs. Edward B. Weston
 Ms. Linda E. White
 Mr. and Mrs. William W. White, Jr. '57
 Mr. and Mrs. George A. Williams '73
 Drs. Julia M. and Nicholas M. Williams
 Dr. and Mrs. Gregory A. Williby '98
 Mr. and Mrs. Devin R. Willis '82
 Mr. Carlyle H. Wokasien '51
 Mr. and Mrs. Ronald G. Wolenty '78
 Dr. and Mrs. David E. Womble '82
 Mr. and Mrs. Jeffrey M. Woods '91
 Mr. and Mrs. John T. Woods, Jr. '73
 Mr. and Mrs. Frederick Wright '62
 Mr. DanLin Xiang '97 and Mrs. Mingxia Cheng '96
 Dr. and Mrs. Mark A. Yoder
 Bob '56 and Dena Young

Deans Circle \$500 to \$999

Mr. James S. Abel '65
 Mr. and Mrs. Dana T. Ackerly
 Mr. William R. Ackerly '04
 Mr. and Mrs. Mark A. Adams '85
 Mr. and Mrs. Nicholas D. Adams '75
 Mr. John R. Adomaitis '73
 Mr. and Mrs. Judson W. Alexander '82
 Mr. and Mrs. Gerard J. Alonzo '82
 Mr. Jaime Alvarez and Mrs. Doris Herrera-Pol
 Mr. Joseph Alvord and Mrs. Sheila Burke
 Mr. and Mrs. Geoff R. Andersen
 Dr. and Mrs. Claude W. Anderson, III
 Mr. and Mrs. Kevin S. Anderson '81
 Alisha Anker
 Mr. Wesley R. Armstrong '06
 Mr. Larry R. Arnold '64
 Mr. Matthew B. Arrington '97
 Mr. and Mrs. James W. Austin '75
 Mr. and Mrs. David L. Ayars '78
 Ms. Rae M. Azorandia '03
 Mr. and Mrs. John Bach
 Mr. and Mrs. Robert Baesler
 Mr. and Mrs. Scott R. Bagwell '80
 Mr. and Mrs. John A. Bailey, Jr. '70
 Mr. and Mrs. Hugh J. Baker, III
 Mr. and Mrs. Raymond Baker, Jr. '51
 Robbin Banerjee '78
 Mr. and Mrs. Brennan D. Banion '74
 Mr. and Mrs. Michael P. Barbalas '77

GROWING LIFE SCIENCES:
 The William Alfred Cook
 Laboratory for Bioscience
 Research provides
 students and professors
 state-of-the-art facilities to
 develop their knowledge
 of the biological sciences.
 The lab was made possi-
 ble by trustee Carl Cook
 on behalf of his father, a
 life sciences pioneer.



Mr. and Mrs. Levi J. Barclay '96
 Ms. Mary G. Barr
 Mr. and Mrs. Jay C. Bartlett '84
 Colonel and Mrs. William J. Bayles '77
 Mr. Jacob A. Beaty '12
 Dr. and Mrs. Gordon L. Bechtel '82
 Mr. and Mrs. Robert L. Beckman '73
 Mr. and Mrs. Mark J. Beitz '84
 Mr. and Mrs. Morris K. Belknap '69
 Ralph '52 and Betty Bennett
 Mr. and Mrs. Andy T. Betz '08
 Mr. and Mrs. Paul N. Bischoff '79
 Mr. and Mrs. Scott J. Blonigen '86
 Mr. and Mrs. Derin M. Bluhm '87
 Mr. and Mrs. Chris Bodenhorn '80
 Mr. and Mrs. Thomas J. Boehme '70
 Mr. and Mrs. Rodney K. Bogue '62
 Mr. and Mrs. Robert A. Bohrman '51
 Edward '49 and Mary Bollinger
 Don and Nancy Bonnema
 Mr. and Mrs. Donald A. Bonness '62
 Mr. and Mrs. John U. Bott, Jr. '61
 Dr. and Mrs. Matthew R. Boutell
 Mr. Nathaniel W. Bowe, III '03 and
 Mrs. Nichole M. Bowe '04
 Mr. Ronald D. Bowman '86 and Dr. Laurie L. Joiner
 Martha C. Bowsher
 Curtis and Eulanda Boyd
 Mr. and Mrs. Nik L. Bradley '66
 Dr. Mark E. Brandt
 Mr. and Mrs. James E. Bratina, Jr. '72
 Mr. and Mrs. Jack R. Braun '66
 Mr. Kenneth L. Breiding, III '01
 Mr. and Mrs. Richard I. Brinly '83
 Barlow '59 and Ursula Brooks
 Mr. Christopher J. Brown '02
 Mr. and Mrs. David R. Brown '82
 Mr. and Mrs. Gary W. Brown '77
 Mr. and Mrs. Kenneth B. Brown, Jr. '73
 Mr. and Mrs. Robert R. Brown
 Mr. Jeffrey Brugos '66
 Dr. Kurt M. Bryan and Mrs. Frances A. Silta
 Mr. Douglas J. Bryant '73 and Mrs. Carleen K. Slagle
 Mr. and Mrs. Neil A. Bryson
 Mr. Brian P. Buetow '11
 Mr. and Mrs. Gary L. Burdette '92
 Mr. and Mrs. William K. Burkhardt, Jr. '69
 Mr. and Mrs. Robert W. Burwell '79
 Mr. Scott J. Burwinkel '96
 Mr. and Mrs. Riley S. Buttry '07
 Mike '85 and Lori Cain
 Mrs. Carol A. Calabro
 Ms. Cynthia E. Cantrell '89
 Dorothy '56 and Stan Carpenter
 Mr. and Mrs. L. Richard Carter '61
 Mr. Keith E. Cavallini '96 and Mrs. Nadia Yacoub
 Bill '53 and Jo Ann Chambers
 Mr. Rakesh Chanana and Mrs. Bhawna Nirula
 Mr. and Mrs. Gregory A. Chapman '85
 Mr. and Mrs. Mark Christy
 Mr. and Mrs. Leonard M. Clark '97
 Mr. David J. Cloutier '07
 Mr. and Mrs. Larry M. Cole
 Mr. and Mrs. James A. Coles, Sr. '69
 Mr. and Mrs. Steven P. Collier '66
 Mr. and Mrs. Christopher Collison '82
 Mr. and Mrs. Robert L. Combs, Jr. '70
 Mr. Andrew T. Compton '07 and
 Mrs. Melissa A. Grette-Compton '07
 Mr. and Mrs. Dale A. Conroy '92
 Mr. and Mrs. Frederick L. Corban '54
 Nicholas '09 and Amanda Corkill '10
 Mr. Donald G. Corson '83
 Mr. Andrew B. Corsten '11

GLOBAL-BOUND STUDENTS: Erin Campbell, a senior biomedical engineering student, spent an internship this spring at Zimbabwe's Mashoko Christian Hospital as one of only 40 American college students participating in the prestigious Whitaker International Program, administered by the Institute of International Education. (Photo by Shawn Spence)



James W. '79 and Terri L. Craig
 Mrs. Rebecca K. Crecelius '05 and Mr. Rush Crecelius
 Mr. and Mrs. John W. Crisp '57
 Bruce '75 and JoAnn Crum
 Dr. and Mrs. Bill L. Crynes '63
 Mr. and Mrs. Thomas R. Curry '67
 Mr. and Mrs. Paul Curtin '80
 Dr. and Mrs. Anthony J. Cutaia
 Mr. and Mrs. Mike D'Agostino
 Mr. Christopher B. Dalzell '00 and
 Mrs. Janet E. Dalzell '01
 Mr. Timothy M. Daniel '81
 Mr. and Mrs. Thomas Daugherty '66
 Mr. and Mrs. Thomas M. Davey '69
 Mr. and Mrs. Barry J. Davignon '90
 Jon '96 and Liza Davis '99
 Melvin and Mary Day
 Mr. and Mrs. Mitchell D. Day '87
 Steve '77 and Drue Decker
 Mr. and Mrs. Daniel E. Denlinger '74
 Mr. Rodney L. Dick '88
 Mr. Richard T. Do '07
 Peter '69 and Vicki Doenges
 Mr. and Mrs. Michael J. Dominik '76
 Mr. and Mrs. Jeff Donnelly
 Mr. and Mrs. David Dorn
 Rob '86 and Mary Doti
 Mr. Charles F. Doty '72
 Mr. and Mrs. Gary D. Dougan '73
 Mr. and Mrs. Donald E. Doyle '68
 Lieutenant Colonel and Mrs. Erik A. Drake '92
 Ms. Stephanie L. Drenten '11
 Mr. and Mrs. Gary A. Eck '78
 Mr. and Mrs. Paul C. Elliott '55
 Mr. and Mrs. Terry L. Endress '83
 Mr. and Mrs. R. Alan Englehart '69
 Mr. Matthew T. Ervin '00 and Mrs. Ann M. Ervin '01

Garyne Evans '92
 Robert and Jeanne Evans '66 '66
 Mr. and Mrs. William E. Everson '65
 Mr. and Mrs. Robert P. Failing, Jr. '52
 Rick and Sue Fassino
 Dr. and Mrs. Mark O. Federle '85
 Mr. Andrew J. Feyen '03 and Mrs. Marisa M. Feyen '03
 Mrs. Grace M. Findley and Dr. Andrew P. Findley
 Mr. David K. Finfrook '76
 Dr. and Mrs. Brett Fink
 Dr. and Mrs. David S. Fisher '00
 Mr. and Mrs. Gregory D. Ford '92
 Mr. and Mrs. William A. Fox '78
 Mrs. Connie L. Francis
 Mr. Robert G. Franklin '76
 Mr. and Mrs. Robert W. Fransham '78
 Mr. Shane I. Frederick '05
 Mr. and Mrs. Patrick G. Freeland '82
 Mr. James S. Freudenberg '78
 Mr. and Mrs. Dennis D. Fritz '68
 Mr. and Mrs. Robert C. Froetscher '80
 Dr. and Mrs. Casey Gaines '69
 Mr. Joseph P. Gallagher '02
 Mr. and Mrs. Douglas J. Gard '95
 Mr. Wesley T. Gearhart '05 and
 Mrs. Krista N. Gearhart '05
 Mr. and Mrs. Lee A. Gearig '81
 Mr. Klynt E. Gerde '04
 Mr. and Mrs. Patrick M. Gish '82
 Mrs. Brenda Goble and Mr. Ernest L. Goble
 Mr. Steven C. Goble '71
 Mr. and Mrs. Kyle D. Gossman '04
 Mr. and Mrs. Gregory M. Gotwald '01
 Dr. and Mrs. G. Elton Graves
 Mrs. Phyllis B. Green
 Mr. Jereme E. Greenblott '96
 Mr. Michael R. Griesenbrock '86
 Vernon '61 and Linda Gross
 Damon '82 and Teri Ground
 Mr. and Mrs. Mark D. Gudorf '73
 Mr. and Mrs. Paul R. Haas, Jr. '50
 Krystyna '55 and David Hackett
 Mr. Beuford C. Hall, Jr. '55
 Mr. and Mrs. Stephen J. Hall '83
 Mr. and Mrs. Leslie J. Haman '86
 Mr. and Mrs. William J. Hamman '76
 Mr. Andrew C. Hammond '01
 Ms. Victoria M. Hampton '06
 Darrell '85 and Kaz Hancock
 Mr. and Mrs. Lowell G. Hardwick '65
 Mr. and Mrs. W. Kent Harris
 Dr. Adam K. Haste '06
 Mr. Michael R. Haughney '07
 Mr. Karl V. Hauser '48
 Mr. and Mrs. Thomas L. Hayes '78
 Mr. Daniel Haywood
 Mr. Daniel R. Hedman '03
 Mr. Matthew S. Hein '12
 Mr. Paul G. Heit '80
 Mr. and Mrs. Mitchell E. Hendrickson '03
 Mr. and Mrs. Thomas Henman, Sr.
 Mrs. Jennifer L. Hepp '04 and Mr. Mark Hepp
 Mr. and Mrs. James W. Hicks '73
 Mr. and Mrs. Peter W. Hinz '92
 Mr. and Mrs. Michael D. Hlavaty-LaPosa '81
 Mr. and Mrs. Ronald L. Hofmann
 Mr. Danial N. Hohne '99 and Mrs. Anellia M. Hohne '99

'00 Alumnus/ae class year
 H'00 Honorary degree recipient
 * Deceased

Dr. Allen G. Holder IV and Dr. Leanne D. Holder
Mr. and Mrs. David W. Holladay '74
Mr. and Mrs. Robert T. Hopkins '85
Mr. and Mrs. Allen D. Houtz
Ms. Rachel N. Howser '08
Mr. and Mrs. Brad C. Hunt '76
Mr. and Mrs. Kris Hunt
Norm '60 and Marilyn Huntley
Mr. and Mrs. David L. Hussung '65
Mr. and Mrs. Melvyn A. Izumi '64
Mr. and Mrs. David M. Jaksa '68
Mr. and Mrs. Robert L. Jeffries
Mr. and Mrs. David F. Jensen '70
Mr. Weimin Jiang '95 and Mrs. Tina Peng
Dr. Charles Joenathan
Mr. and Mrs. Michael E. Johnson '64
Mr. and Mrs. William B. Johnson, II '82
Mr. and Mrs. David A. Jonas '68
Mr. Alexander P. Jones '11
Mr. Frazer Jones and Mrs. Bo Luo
Mr. and Mrs. Ronald Jones
Mr. and Mrs. Warren W. Jones '52
Mr. Samuel G. Jordan '70
Mr. Steven T. Jugle '07
Mr. Galen B. Kannarr '81
Dr. and Mrs. Gary R. Kelm '73
Mr. and Mrs. Robert A. Kemp '81
Mr. Bruce E. Kercher '82
Mr. Charles E. Key '07 and Mrs. Caroline E. Key '06
Mr. and Mrs. Ronald Kicinski '75
Mr. and Mrs. Bradley L. Kicklighter '89
Mr. Dennis M. King '75
Mr. and Mrs. Fred S. King '71
Dr. Gayle N. King and Mrs. Helen King
Mr. and Mrs. Kevin K. Kingery '77
Mr. and Mrs. John E. Kinney '74
Mr. and Mrs. Matthew J. Kintzele '91
Mr. and Mrs. R. Alan Klaus '53
Dr. and Mrs. Mark Kline
Mr. and Ms. David Knispel
Mr. and Mrs. Michael A. Korkos '77
Mr. Christopher J. Kragh-Buetow '09 and
Mrs. Katherine C. Kragh-Buetow '10
Mr. Christopher C. Krapfl '99
Mr. and Mrs. Peter D. Kratz '76
Mr. and Mrs. Martin A. Krongold '79
Mr. Ernest Kuehl and Mrs. Dolores De Meyere
Mr. and Mrs. Robert J. Kuhn '77
Mr. and Mrs. Kenneth C. Kuntz '67
Mr. and Mrs. A. Ross Kuykendall '60
Mr. William H. Kuykendall '53
Mr. Jules Lambermont '51
Mr. and Mrs. Mitchell A. Landess '94
Roger and Linda Larson
Charles D. Latham '53
Drs. Lee and Rebecca Lawrence
Mr. and Mrs. David P. Laws '67
Mr. and Mrs. Gary L. Leavitt '58
Mr. Artman Lee '74
John "Pete" Lee '45
Dr. Hannelore Lehr and Mr. Roger Lehr
Mr. and Mrs. Richard W. Leonard '84
Mr. and Mrs. Clifford W. Lewis '69
Mr. Maceo R. Lewis, IV '01
Mr. William A. Lindstaedt '86
Mrs. Alyssa M. Lobo '99 and Mr. Colin Lobo
Mr. and Mrs. Trevor J. Lobo '00
Mr. Derek R. Luebke '05
Dr. and Mrs. Christopher A. Lueking '91
Mr. Donald E. Lundgren '66
Mr. and Mrs. Lawrence E. Lynn '69
Mr. and Mrs. Mike Magill
Drs. Dennis and Susan Maier
Dr. and Mrs. Gene W. Marsh '85

Mr. and Mrs. Jeffrey V. Martin '78
Mr. and Mrs. Steven E. Marum '73
Ms. Alinda Mattiuz
Mr. Matthew A. Mayer '07
Mr. and Mrs. Stephen and Heidi Mayhew '12
Mr. and Mrs. Jeffery A. McBrayer '73
Mr. Scott A. McBrayer '99
Mr. and Mrs. John C. McClain '81
Mr. Guy G. McCulloch '84
Mr. and Mrs. Lantz McElroy '88
Mr. and Mrs. Craig M. McKee
Mr. and Mrs. Thomas R. McPherron '58
Dr. and Mrs. Andrew R. Mech
Mr. Mark A. Memering '08
Mrs. Roberta C. Meredith
Mr. and Mrs. John A. Meschberger '87
Mr. and Mrs. Robert L. Metz '52
Mr. and Mrs. Brent A. Mewhinney '84
Mr. Christopher A. Meyer '89
Mr. Jonathan W. Meyer '07
Mr. Thomas O. Meyer '02
Mr. and Mrs. Stanley A. Mickey '73
Mr. Thomas D. Miller and Mrs. Kimberly D. Miller
Mr. Zackery J. Miller '04
Mr. and Mrs. Matthew D. Mills '87
Ms. Melissa L. Minnich '06
Mr. and Mrs. Cortney Mittelsteadt '94
Mr. W. Marc Modisett '75
Mr. and Mrs. David J. Moeller '57
Phil '78 and Maria Monhaut
Dr. and Mrs. Denbo Montgomery, Jr.
Mr. and Mrs. James B. Montgomery
Mr. and Mrs. Mark S. Montgomery '75
Mr. Ryan A. Moore '95
Mr. and Mrs. Stephen A. Moorman '74
Mr. and Mrs. Larry G. Morgan '64
Mr. and Mrs. Alan P. Morrison
Mr. and Mrs. Daniel W. Moss '72
Dr. and Mrs. Edward A. Mottel
Mr. Alexander J. Mullans '13
Mike '59 and Linda Munro
Mr. and Mrs. John Murphy
Kedar Murthy '84 and Sai Das
Mr. and Mrs. Brent H. Mutti '96
Mr. and Mrs. Jeffrey A. Myers '87
Mr. and Mrs. Gerald D. Naliborski '90
Mr. Eric A. Nees '07
Mr. Kevin T. Nelson '08
Dr. Mary Kulas and Mr. Kevin Nordt
Mr. and Mrs. David H. Ohnesorge '78
Dr. and Mrs. Larry D. Olson '69
Dr. and Mrs. Douglas Paine
Mr. and Mrs. Wil Painter
Ms. Erin L. Parker '10
Mr. and Mrs. Jack Pearson
Mr. and Mrs. Thomas F. Pechette '76
Mr. and Mrs. Lee A. Peters '67
Mr. Thomas O. Peterson '73
Mr. and Mrs. Bradley J. Phillips '79
Mr. and Mrs. Mark D. Pierce '75
Mr. and Mrs. Anthony Piergiovanni, Jr.
Mr. Kevin M. Pietrzak '86
Mr. Matthew J. Pink and Mrs. Jan A. Pink
Mr. Scott C. Plumlee '87
Mr. Mark Plungis and Mrs. Michele Berls
Dr. Ross R. Poland '07
Mr. and Mrs. Steven R. Polus '87
Mr. and Mrs. Jeffrey D. Pontius '95
Mr. and Mrs. Bill Povlin '56
Mr. and Mrs. Paul J. Price '87
Mr. and Mrs. Roy J. Primus '75
Mr. Jack W. Ragle H'89
Mr. Stephen K. Rammelsberg '86
Mr. Douglas R. Rebidue '68

Dave '62 H'92 and Nancy Reece
Mr. and Mrs. Samuel J. Reed '81
Mr. Kyle A. Rhodes '10
Dr. and Mrs. Kenneth E. Rich '66
Mr. and Mrs. Monte D. Riggs '69
Mr. and Mrs. David J. Ridders '91
Mr. and Mrs. N. Clay Robbins H'06
Mr. Bradley S. Rosenberger '99
Mr. Guillaume D. Rousson '09
Mr. Todd P. Royer '80
Mr. and Mrs. John W. Rumberg, Jr. '87
Mr. Daryl G. Rumbley '10
Mr. and Mrs. Danny H. Russell '76
Dr. and Mrs. Larry A. Sachs '66
Mr. Joel V. Sanders '72
Dr. and Mrs. L. Wayne Sanders
Mr. and Mrs. John W. Sawyers '54
Mr. and Mrs. Peter Schaudt
Mr. and Mrs. Bruce A. Schmidt '77
Mr. and Mrs. David Schmidt
Mr. and Mrs. Kenneth R. Schnabel '86
Bob '60 and Nancy Schukai
Ms. Melissa N. Schwenk '12
Mr. and Mrs. J. Daniel Scott '54
Mr. and Mrs. John C. Scott '56
Mr. and Mrs. Richard A. Shallcross '70
Mr. and Mrs. Howard J. Shaw '97
Mr. and Mrs. John Sherman
Mr. and Mrs. Nobutami Shimomoto
Mr. Andrew L. Siegle '13
Mr. and Mrs. Matthew D. Sinclair
Mr. David A. Slavin '83
Dr. Thomas W. Sliwa '85
Mr. and Mrs. Jeffrey C. Smirz '70
Brodie Smith '06
Mr. and Mrs. Charles W. Smith '61
Mrs. Donna M. Smith and Mr. John T. Smith
Mr. Gary L. Smith '90
Mr. and Mrs. Gregory J. Smith '87
Major General Isaac D. Smith H'83
Ms. Kimberly N. Smith '05
Dr. and Mrs. Paul D. Smith '50
Randy and Debbie Smith
Ms. Rebecca C. Smith '99
Mr. Robert W. Smith '69
Dr. Rodney W. Smith '73
Mr. Theodore M. Smith '70 and
Mrs. Georgia Hudson-Smith
Mrs. Virginia L. Smith
Mr. and Mrs. Travis D. Soyer '01
Mr. and Mrs. Darrell L. Sparks '78
Mr. and Mrs. Timothy W. Spurling '92
Doug '79 and Kris Stearley
Mr. and Mrs. Robert J. Stearley '57
Mr. Martin A. Stembel '92
John and Debra Stewart
Mr. and Mrs. David G. Strange '81
Mr. and Mrs. Stephen Stroder '80
Mr. and Mrs. Thomas J. Suelflow '88
Dr. and Mrs. Kevin G. Sutterer
Mr. and Mrs. Arthur W. Sutton, Jr. '56
Mr. and Mrs. Daniel A. Swartz '51
Mr. and Mrs. Richard H. Swartz '47
Mr. Nicholas A. Switzer '06
Mr. and Mrs. Damon A. Swope '94
Mr. and Mrs. Harold Taylor
Mr. Peter G. Taylor '66
Mr. and Mrs. Mark E. Tebbe '88
Mr. and Mrs. Erich H. Teske '85
Mr. Mitchell D. Thieme '11
Mr. and Mrs. Michael B. Thoeny '89
Drs. Robert D. Throne and Lorraine G. Olson
Mr. and Mrs. Joseph E. Thurston '64
Mr. and Mrs. David S. Titzer '84

'00 Alumnus/ae class year
H'00 Honorary degree recipient
* Deceased

Mr. and Mrs. James J. Tomlinson '69
Mr. and Mrs. James R. Toone '76
Gary L. Tucker '76
Mr. and Mrs. Dale E. Turner '76
Mr. and Mrs. John W. Turner '75
Mrs. Phyllis Dye Turner
The Twarek Family '05
Mr. Thomas Twarek and Mrs. Ellen Ball
Mr. and Mrs. Steve T. Ufheil '89
Mr. Bruce Baumgartner and Mrs. Marilyn Unroe
Ed '54 and Sharron Utterback
Mr. and Mrs. Vincent O. Valenzuela '97
Mr. Jeffrey A. Van Treuren '10
Ms. Stefani Vande Lune '06
Mr. and Mrs. Dennis J. VandenBrink '78
Mr. Meredith L. Vannauker '84
Mr. and Mrs. Mark Vasko
Drs. Maria J. and Nuno Vaz
Mr. Joseph C. Vendel* '59 and
Mrs. Catherine C. Vendel
Mr. and Mrs. Robert L. Vogenthaler '68
Mr. Eric W. Volz '07
Mr. and Mrs. John N. Voyles '76
Mr. Paul T. Wafzig
Mr. and Mrs. Joel R. Waldbieser '60
Mr. and Mrs. Robert W. Walker '80
Mr. and Mrs. Wayne F. Walter '49
Mr. and Mrs. Tao (Tony) Wang '96
Mr. and Mrs. Chad A. Welch '97
Mr. Allan E. Wenzel '68
Mr. and Mrs. Henry E. Werling '79
Mr. and Mrs. David L. Whikehart '81
Mr. and Mrs. Jack D. Wickham '80
Mr. and Mrs. Michael R. Wilson '90
Dr. and Mrs. Brian J. Winkel
Ms. Deborah J. Winkle
Mr. Daniel R. Wismer '09
Mr. and Mrs. Jeffrey P. Withem '84
Mr. Alex H. Wolf '11
Mr. and Mrs. Mark E. Wolfe '83
Dan '82 and Janet Wolodkiewicz
Mr. and Mrs. Choi K. Wong '77
Mr. and Mrs. Keith J. Woodason '89
Mr. and Mrs. Joseph Woodley, Sr.
Mr. and Mrs. Erik R. Wright '02
Ms. Sarah E. Wruck '00
Mr. and Mrs. Richard W. Wrye '79
Mr. and Mrs. Benjamin D. Zeller '97
Mr. and Mrs. Jason L. Zielke '00
Mr. and Mrs. Roy A. Zimmerman '90

Rose and White Circle \$250 to \$499

Mr. and Mrs. Paul A. Acevedo '91
Mr. and Mrs. Reed M. Adams '85
Mr. and Mrs. Anthony Aellen
Mr. and Mrs. Terry G. Aff '81
Mr. Charles W. Agnello '00
Mr. and Mrs. Harry Albert
Mr. and Mrs. D. Eric Aldridge '86
Mr. Patrick Allen and Mrs. Karen Allen
Mr. and Mrs. Warren L. Allen '51
Mr. and Mrs. Wayne W. Allen
Mr. Andrew R. Anderson '10
Mr. and Mrs. Brian K. Anderson '90
Mr. David J. Anderson '07

Mr. Joel M. Anderson '07
 Mr. Kenton L. Anderson '71
 Mr. and Mrs. Mark J. Armstrong '84
 Mr. Charles W. Arnett '99 and
 Mrs. Maegan M. Arnett '99
 Mr. and Mrs. Robert R. Atherton '50
 Mr. and Mrs. Joseph K. Ausserer '10
 Mr. and Mrs. Michael C. Avery '76
 Mr. and Mrs. William E. Backes '48
 Mr. and Mrs. Kirk J. Bailey '92
 Mr. and Mrs. Mark W. Bailey '86
 Dr. and Mrs. William R. Bailey
 Mr. and Mrs. Frederick L. Baker '90
 Mr. and Mrs. Mitchell D. Baker
 Dr. and Mrs. Stephen D. Ban '62
 Mr. and Mrs. Dennis C. Banks '70
 Mr. and Mrs. Jeffrey A. Bannister '87
 Mr. and Mrs. Laszlo C. Bardos '85
 Marvin '63 and Linda Barkes
 Mr. and Mrs. Rodney Barnes
 William W. Barone '63
 Mr. and Mrs. Randy Bartley '75
 Mr. and Mrs. Jeffrey A. Barton '66
 Mr. Marc W. Bassett '04 and Mrs. Amy M. Bassett '03
 Ms. Beth A. Bateman '99
 Mr. and Mrs. George R. Batta '75
 Mr. Eddie L. Beal '85
 Rick and Colleen Beckman
 Mr. and Mrs. Richard A. Bell '74
 Mr. Brandon Benedict '17
 Mr. Bryan R. Benedict
 Mr. and Mrs. Mark Bennett
 Mr. Steven C. Bennett '09 and
 Mrs. Abigail K. Bennett '10
 Ms. Wendy Bennett
 Mr. and Mrs. Fred G. Berghoefer '43
 Graden '81 and Joan Betz
 Ms. Cassidy J. Bevington '16
 Mr. and Mrs. Nicholas S. Bianchi '00
 Mr. and Mrs. Bruce M. Binkley '72
 Mr. and Mrs. Jason E. Bisbee '94
 Mr. and Mrs. Robert Bischak
 Mr. Will A. Bishop '78 and Mrs. Pamela R. Coget
 Dr. and Mrs. John A. Biral '57 H'00
 Mr. and Mrs. Kevin A. Bleicher '86
 Mr. and Mrs. Kenneth R. Bloss, Jr. '89
 Mr. Paul D. Bogard '06
 Dr. and Mrs. Shawn A. Bohner
 Mr. Andrew E. Bolda '86
 Mr. and Mrs. Gregory L. Bolt '63
 Mr. John Boozer, IV '99
 Mr. Brooks D. Borchers '06 and
 Mrs. Rachel A. Borchers '06
 Jack '68 and Marge Borst
 Mr. and Mrs. Robert C. Bosshardt '53
 Mr. and Mrs. Michael Boucher
 Mr. and Mrs. Kevin A. Bowen '82
 Mr. and Mrs. John L. Bowers '67
 Mr. and Mrs. Bruce A. Boyd '70
 Mr. and Mrs. John Brabender '81
 Dr. Patricia D. Brackin
 Mr. and Mrs. Ray E. Bradway, Jr. '83
 Mr. and Mrs. Paul R. Brandenburg '77
 Mr. and Mrs. Robert A. Brave '53
 Dr. and Mrs. John T. Bray '67
 Mr. and Mrs. John A. Breen '82
 Mr. and Mrs. David Brentlinger
 Mr. Lee J. Bridges '90
 Mr. and Mrs. Michael A. Brier '91
 Mr. and Mrs. Ryan A. Brimberry
 Mr. and Mrs. Stephen Brindza
 Mrs. Beth A. Brock '96 and Mr. Mitch Brock
 Mr. and Mrs. Joseph L. Bronnert '59
 Mr. and Mrs. Ronald F. Brown

Mr. and Mrs. James A. Brown '70
 Mr. Loren Brown
 Mr. Anthony J. Buechler '83
 Dr. and Mrs. Robert M. Bunch
 Mr. and Mrs. Joshua W. Burbrink '09
 Mr. Fred W. Burdett '49
 Dr. and Mrs. Robert G. Burger '91
 Mrs. Cheryl A. Burgess
 Mr. Charles M. Burkhardt '75
 Mr. and Mrs. Stephen D. Burton '61
 Mr. Kevin M. Butler '09
 Mr. John Butwin '81
 Mr. and Mrs. Paul E. Byram
 Mr. and Mrs. Joseph M. Cahill '71
 Mr. and Mrs. Jeffrey D. Caldwell '74
 Mr. Philip Cammanga and Mrs. Marie Cammanga
 Mr. and Mrs. Donald L. Camp '55

Mr. and Mrs. Christopher J. Cleary '83
 Mr. Jason A. Clifford '04
 Mr. James H. Coffenberry, Jr. '61
 Jep Cohen '12
 Mr. and Mrs. John A. Collett '88
 Mr. and Mrs. Keith W. Collier '87
 Mr. and Mrs. Randall W. Collins
 Mr. and Mrs. William L. Collins '69
 Mr. and Mrs. Frank W. Comer '76
 Eric '90 and Melissa Cooper
 Mr. Harold A. Cowan '90
 Mr. and Mrs. James A. Cox '72
 Alan Crague '12
 Mrs. Joann Craig
 Mr. Bradley J. Crisel '95
 Mr. and Mrs. Brian C. Crissman '96
 Mr. and Mrs. John P. Cross '72

Mr. and Mrs. Dennis L. Dierckman '75
 Mr. and Mrs. Mark A. Dietzen '68
 Mr. Alexander W. Dillard '09
 Mr. and Mrs. Bruce B. Dimon
 Mr. and Mrs. Dwight D. Dively '80
 Mr. and Mrs. Gerald Dooley
 Mr. and Mrs. Bruce W. Dougan '76
 Mr. and Mrs. Robert A. Downs '83
 Mr. and Mrs. Ross W. Dring '62
 Mr. and Mrs. Dean H. Dringenburg '83
 Mr. and Mrs. B. William Dudley '65
 Mr. and Mrs. Julie A. Dugger and Mr. Chuck Dugger
 Mr. and Mrs. Thomas Durham
 Mr. and Mrs. David Eckert
 Mr. William M. Eckert '11
 Mrs. Nancy Eisenbrandt
 Mr. Alex J. Emley '10

A HELPING HAND: 2014 biomedical engineering graduates Lauren Meadows (near left) and Kandice Cobb (right) get positive feedback on their therapeutic saddle device, developed for Indiana's Hope Haven Horse Farm. (Photo by Chris Minnick)



Mr. and Mrs. Jacob E. Campbell
 Mr. and Mrs. Cash E. Canfield '94
 Mr. Landry A. Carbo '10
 Mr. Randy A. Carle
 Mr. and Mrs. Dan W. Carlson '69
 Mr. and Mrs. Jason A. Caron '02
 Mr. and Mrs. Joseph N. Carr '80
 Mr. William A. Carter, Jr. '61 and Mrs. Ann Carter
 Keith Casey '01
 Mr. and Mrs. Marc H. Champagne '92
 Mr. and Mrs. Jim K. Chandler
 Mr. and Mrs. Larry J. Chapman
 Mr. and Mrs. Hoi Ming Cheung
 Mrs. Susan S. Chiang
 Mr. Peter D. Cisneros '13
 Dr. and Mrs. A. Thomas Clark, Jr. '58
 Drs. James B. '85 and Ying Mei Clark
 Mr. and Mrs. John L. Clark '83

Mr. and Mrs. Ryan L. Cross '02
 Mr. and Mrs. Thomas W. Cundiff '48
 Mr. Owen A. Cunningham '09
 Mr. Michael F. Damweber '99
 Mr. and Mrs. Leonard M. Dattilo '96
 Mr. and Mrs. Todd Datweiler
 Mr. and Mrs. Richard Daugherty '63
 Mr. and Mrs. William E. Daugherty '87
 Mr. and Mrs. Darrin L. Davidson '86
 Mr. and Mrs. Douglas L. Davis '78
 Mr. and Mrs. Matthew D. Davis
 Mr. and Mrs. Scott J. Davis '99
 Mrs. Sue Dayhuff and Mr. Richard J. Dayhuff
 Ms. Lynn S. Degler
 Ms. Karen A. DeGrange
 Mr. Joel M. Derby '07
 Luke and Ann Dever
 Mr. Martin F. Diener '86

Mr. Richard B. Engelman '73 and Mrs. Ida Engleman
 Mr. and Mrs. James W. Engle '67
 Ms. Ashley M. Erffmeyer '08
 Mr. Steven J. Essex '13
 Mr. and Mrs. Timothy L. Eubank '85
 Mr. and Mrs. Hugh Eubanks
 Mr. David W. Evans '86
 Mr. Dennis Evers
 Mrs. Bernadette G. Ewen and Mr. Jeffrey Ewen
 Mr. August L. Eykholt '56
 Mr. Lon D. Farr '07
 David '59 and Terry Fassburg
 Jerry and Pat Fehribach
 Mr. Elihu D. Feustel '92
 Dr. and Mrs. Jerry M. Fine
 Mr. Robert J. Fischer H'01
 Julie '12 and Eric Fisher
 Mr. and Mrs. Tom F. Fite '64

Mr. and Mrs. Frank Flak, Jr. '80
 Mr. and Mrs. John P. Foley '80
 Mr. James W. Forbess and Mrs. Karen K. Kushner
 Mr. and Mrs. Eric E. Forster '90
 Mr. G. Clark Fortune '78
 Mr. and Mrs. Pete R. Fowler '69
 Mr. and Mrs. David M. Fox '84
 Mr. and Mrs. David A. Frampton '90
 Mr. and Mrs. Christopher S. Frank '84
 Mr. and Mrs. Donald P. Fread '74
 Ms. Lindsey M. Frothingham '07
 Mr. and Mrs. Thomas R. Gallatin '61
 Mr. and Mrs. Donald L. Gardner '74
 Mr. and Mrs. Carl B. Garmong '62
 Mr. Bryan S. Gatewood '86
 Mr. Garrett Gehlhausen '89
 Mr. and Mrs. Drew L. Gehman '85
 Dr. and Mrs. Larry J. Geier '72
 Mr. and Mrs. Baron G. Gemmer '85
 Gregory Gemmer '80
 Mr. and Mrs. Carl D. George '91
 Mr. and Mrs. James Getter '89
 Mr. Jacob A. Gibas '12
 Mr. and Mrs. Frank Gibbs
 Mr. and Mrs. Daniel Gillen
 Mr. and Mrs. Thomas M. Gland '71
 Larry and Nancy Glaze
 Mr. and Mrs. James W. Godwin, Jr. '61
 Mr. Steven M. Goetz '96 and Mrs. Riki Banerjee
 Mr. and Mrs. Dave Goodrich
 Mr. Steven D. Gootee '82
 Mr. Joseph Z. Gorman '00
 Mr. and Mrs. William P. Grace '88
 Dr. and Mrs. Mars J. Galia, II '64
 Mr. and Mrs. Donald F. Grant '70
 Mr. and Mrs. John F. Graves, III '67
 Mr. and Mrs. Gary L. Grebe '69
 Mr. and Mrs. Allen Green
 Mr. and Mrs. Kevin D. Green '80

Dr. and Mrs. Michael C. Green '72
 Judge '57 and Mrs. Harvey A. Greene
 Mr. and Mrs. John G. Gregor '82
 Mr. and Mrs. Mark M. Griffith '77
 Dr. and Mrs. Paul C. Griffith '83
 Mr. and Mrs. Mark Griffiths
 Mike Griggs '78 and Karla Burtch
 Mr. and Mrs. William Gropp
 Mr. and Mrs. David Grubb
 Mr. and Mrs. Douglas P. Gundlach '82
 Mr. and Mrs. Frank Guratzsch
 Mr. and Mrs. William D. Gurley '70
 Mr. and Mrs. Paul Gutgesell
 Dr. and Mrs. Frederick L. Haan, Jr.
 Lieutenant Timothy P. Hachfeld '08
 Mr. and Mrs. Mark L. Hamilton '86
 Mr. and Mrs. Denzil L. Hammond '50
 Drs. Ken J. Hanley '95 and Michele Peterson
 Mr. Jeffrey C. Hanson '90 and Mrs. Andrea M. Schaffter
 Mr. and Mrs. Mathew A. Hardman '85
 Dr. M. Hossein Hariri and Mrs. Mahvash Khosravi
 Ms. Amy L. Harshbarger
 Mr. and Mrs. Daniel R. Harshbarger '95
 Mr. and Mrs. Gregory M. Hausmann '75
 Dr. and Mrs. Richard C. Haut '74
 Mr. and Mrs. Michael G. Hawkey '87
 Mr. and Mrs. Lawrence A. Hawley '72
 Mr. and Mrs. Kevin W. Hayes '94
 Rob '84 and Jacque Haynes
 Mr. Michael A. Helmecki
 Mr. and Mrs. Dale E. Helms '67
 Mr. and Mrs. Daniel L. Helms '02
 Mr. Harry J. Henman '09
 Mr. Michael P. Hewner
 Mr. and Mrs. Stephen D. Highsmith, Jr. '87
 Mr. Douglas J. Hileman '76
 Mr. and Mrs. M. Troy Hill, Jr. '61
 Dr. and Mrs. Nat U. Hill, IV
 Mr. and Mrs. Steven D. Hill '81

Mr. Clyde W. Hinkle, II '98
 Mr. and Mrs. Geoffrey Hobar '83
 Mr. Andrew K. Hoffa '98
 Mr. and Mrs. Michael C. Hoffa '90
 Mr. and Mrs. Craig M. Hoffart '91
 Mr. and Mrs. Greg W. Hoffman '86
 Mr. Robert J. Honegger '60
 Mr. and Mrs. Michael E. Honsowetz '87
 Dr. and Mrs. Keith E. Hoover '71
 Mr. and Mrs. Joshua M. Horstman '98
 Mr. and Mrs. Thomas R. Hough '88
 Mr. and Mrs. John Houston
 Mr. and Mrs. John P. Howlett '66
 Mr. and Mrs. David Hughes '74
 Mr. and Mrs. Tracy S. Hunter
 Mr. Keith A. Huster '02
 Mr. and Mrs. Darryl D. Huyett '72
 Mr. Brian Y. Hwang '12
 Mr. and Mrs. Robert Hynes '75
 Mr. and Mrs. Gregory G. Ilich '85
 Dr. and Mrs. Ronald J. Ireland '61
 Mr. Mitchell P. Ishmael '11
 Mr. and Mrs. Thomas Jagiella
 Mr. Erik N. Jansen '78 H'00
 Joel '98 and Heidi Jansen
 Mr. and Mrs. James E. Jeffries '71
 Mr. and Mrs. Jeffrey Jenkins
 Mr. Michael S. Jennings '76
 Mr. Richard H. Jensen '64 and
 Mrs. Lorraine S. Grimes Jensen
 Mr. Sean B. Jessup '08
 Ed '66 and Victoria Jirousek
 Mr. and Mrs. Jeffrey R. Johann '85
 Mr. and Mrs. Claude M. Johnson, IV '93
 Mr. Daniel W. Johnson '87
 Mr. Harry H. Johnson '52
 Mr. Kenneth R. Johnson '89
 Mr. and Mrs. Mark K. Johnson
 Mr. and Mrs. Robert R. Johnson '60

Mr. and Mrs. Ronald L. Johnson '62
 Mr. and Mrs. Andrew F. Jones '87
 Mr. Stephen Jones and Mrs. Patricia Peterson
 Mr. John E. Jordan '76
 Mr. Eric M. Kamer '13
 Mr. Paul C. Kappler '01 and
 Mrs. Elizabeth M. Kappler '02
 Mr. and Mrs. Drew A. Karnick '85
 Mr. and Mrs. Kirt Keesling '80
 Mr. and Mrs. Ode R. Keil '74
 Mr. and Mrs. Thomas Kelly
 Mr. and Mrs. Robert Kennedy
 Mr. Luke E. Kennedy '13
 Mr. Alan W. Ker '43 and Mrs. Thelma L. Ker*
 Mr. Matthew J. Ketcham '03 and
 Mrs. Lauren Belt-Ketcham
 Kevin C. Ketzler '94
 Mr. and Mrs. Richard L. Killion '70
 Mr. and Mrs. Kenneth R. Kimmeler
 Mr. and Mrs. David R. King '00
 Mr. and Mrs. Donald King
 Mr. and Mrs. Daniel V. Kingery, Jr. '61
 Mr. Keith D. Kinman '78
 Mr. and Mrs. Mark A. Kipp '83
 Mr. Robert Kipp '87 and Mrs. Jingjing Liu
 Mr. and Mrs. Richard M. Kirchner '82
 Dr. Sudipa M. Kirtley and Mr. James R. Kirtley
 Mr. Charles F. Kleptz* '58 and Mrs. Arlene Kleptz
 Mr. and Mrs. Edward Knapp
 Mr. and Mrs. Steve R. Kochert '80
 Mr. and Mrs. John R. Kolodick '05
 Dr. and Mrs. Anton J. Koopman '84
 Dr. Donna Korvick
 Mr. Erick Stephanian and Mrs. Susan A. Koslow
 Mr. and Mrs. Edward J. Kostra '61
 Mr. and Mrs. Samuel J. Kowal '55
 Mr. and Mrs. John W. Krampe '47
 Mr. and Mrs. William A. Krehely '80
 Joe '83 and Terri Krupa
 Mr. and Mrs. Robert G. Krupp '77
 Mr. and Mrs. Mark Kruszynski
 Mr. Aidan C. Kunkle '01 and Mrs. Hser Ner Moo
 Mr. and Mrs. Erich R. Kunnemann '97
 Dr. and Mrs. Daniel P. La Gatta '60
 Mr. Ashvin P. Lad '96
 Mr. Bradley J. Larrick '82
 Mr. and Mrs. Glen R. Lash '72
 Mr. and Mrs. Daniel K. Laskowski '76
 Mr. Benjamin T. Lauer '08
 Dr. and Mrs. Roger G. Lautzenheiser
 Mr. and Mrs. William LaVelle
 Ms. Jennifer A. Lawrence
 Mrs. Lois Lawson
 Kristina Lawyer '08
 Dr. and Mrs. Jeffery J. Leader
 Dr. and Mrs. Eugene J. LeBoeuf '85
 Mr. William C. Lee
 Mr. Daniel R. Lehenbauer '00
 Mrs. Jo Leshner
 Mr. and Mrs. Steven P. Letsinger
 Donald '55 and Mary Lou Lewis
 Ms. Patricia Lewis
 Mr. and Mrs. William R. Lewis '66
 Mr. and Mrs. Michael W. Liemohn '92
 Mrs. Jeanne K. Liffick and Mr. Brant L. Liffick
 Mr. and Mrs. L. Scott Lindner '81
 Mr. and Mrs. Scott A. Linn '82
 Mr. Travis J. Litherland '93 and
 Mrs. Sunchin Shi Litherland
 Ryan '98 and Mandy Loftus '00
 Mr. Robert E. Logsdon '45 and Mrs. Leah R. Logsdon*
 Mr. Morgan E. Lollar '08
 Mr. Brandon H. Long '06
 Dr. and Mrs. Don Long



HANDS-ON LEARNING: Chemical engineering students complete one of several laboratory assignments conducted throughout the department's four-year academic curriculum. (Photo by Shawn Spence)

Mr. and Mrs. David S. Lovell
 Mr. and Mrs. Robert D. Lovell '63
 Mr. Geoffrey A. Lowe '95
 Mr. and Mrs. James M. Lowes '70
 Mr. and Mrs. Ralph Lucarelli
 Mr. and Mrs. Donald E. Lundgren
 Mr. Gregory D. Lyons '06 and Mrs. Jessica R. Lyons '07
 Mr. Jason A. Macak '00 and Mrs. Amy L. Macak '01
 Mr. William MacLeod '05
 Mr. Randal L. Malone '53
 Mrs. Brenda D. Mardis
 Mr. Jarod C. Markley '10
 Mr. and Mrs. Jerry R. Marlow '57
 Mr. and Mrs. Michael D. Martin '04
 Mr. and Mrs. Kelvin Mason, PE '89
 Dr. and Mrs. Fujio Matsuda '49 H'75
 Mr. and Mrs. Paul E. Maurer '01
 Mr. and Mrs. David R. Mayfield '80
 Mr. Frank Mazza
 Walt '69 and Sally Mazzei
 Mr. and Mrs. Mark A. McCandless '75
 Mr. and Mrs. Dennis O. McCleary '73
 Lieutenant Andrew P. McConnell '93
 Mr. and Mrs. Vernon McCrory
 Mr. Timothy McGarry
 Mr. and Mrs. Hal A. McGaughey '77
 Mr. Gerald H. McGlone '55
 Mr. and Mrs. Matthew McGoff
 Mr. and Mrs. Kirk A. McGowan '77
 Mr. and Mrs. Larry W. McIntyre '86
 Mr. William R. McKeen '51
 Dr. and Mrs. James L. McKinney
 Mr. and Mrs. Robert A. McKnight '64
 Mr. and Mrs. David McLaughlin
 Mr. and Mrs. Foster A. McMasters, Jr. '70
 Mr. Luke A. Mehringer '12
 Mr. Phillip N. Meiser '09
 Mrs. D. Danielle Merkel and Mr. Russell Merkel
 Mr. and Mrs. Gary A. Meyer
 Mr. and Mrs. Gregory L. Michael '69
 Dr. and Mrs. Andreas Michel
 Max and Eva Middendorf
 Mr. Don Mighell
 Mr. and Mrs. Curtis L. Miles '81
 Mr. Glen A. Miles '58
 Mr. and Mrs. Bryan S. Millard '85
 Mr. and Mrs. Bradley A. Miller '94
 Mr. and Mrs. Ronald C. Miller '79
 Dr. Joan Milluzzi and Mr. Frank Milluzzi
 Mr. and Mrs. John C. Minor '91
 Ralph '47 H'94 and Sue Mitchell
 Mr. and Mrs. Stephen E. Mitchell '68
 Mr. and Mrs. Chris A. Mobley '92
 Mr. Richard Mobley
 Mr. and Mrs. Gerald L. Modesitt
 Mr. and Mrs. Carl E. Moffett, Jr. '64
 Dr. and Mrs. Sriram Mohan
 Mr. and Mrs. Frank P. Molinaro '58
 Dr. and Mrs. Michael J. Moloney
 William Monhaut Family
 Mr. Mark E. Monnin '88
 Mr. and Mrs. Scott A. Monroe '95
 Dr. and Mrs. Eric K. Mooney '82 H'03
 Mr. and Mrs. Erik P. Moore '97
 Evelyn M. Morehead
 Mr. and Mrs. Ray Morris
 Mr. and Mrs. Thomas H. Morris '68
 Ms. Jennifer S. Morrison '06
 Dr. and Mrs. John M. Morse
 Mr. and Mrs. Jeffrey L. Mummert '74
 Mr. and Mrs. Jerry L. Muncie '94
 Mr. and Mrs. Eric R. Murray '84
 Mr. and Mrs. Robert L. Murray '64
 Mr. and Mrs. Bob G. Muse '76

Dr. and Mrs. David C. Mutchler
 Mr. David L. Nagel '75
 Mr. Jonathan A. Nall '98 and Mrs. Dawn M. Nall '99
 Dr. and Mrs. William Nash
 Stephen Wlodarski and Tricia Nazar
 Mr. and Mrs. James B. Nees
 Mr. Aaron S. Nelson '00
 Mr. and Mrs. Steven P. Nerney '85
 Mr. and Mrs. Robert Nichols
 Mr. Benjamin P. Nicholson '93 and
 Mrs. Deborah Preston
 Mr. and Mrs. Donald Niedringhaus '61
 Mr. and Mrs. Bruce A. Nielsen '89
 Mrs. Kelly K. Noel '02 and Mr. Hans Noel
 Ms. Donna J. Norris
 Ms. Laura E. Norris '12
 Mrs. Lisa M. Norton and Mr. Frederick W. Norton
 Mr. Michael E. Novotny '03
 Mr. and Mrs. Jerry F. Novotny '68
 Mr. and Mrs. Edward J. Nowacki, Jr. '66
 Mr. and Mrs. H. James O'Donnell, Jr. '59
 Mr. and Mrs. James H. Ohlmiller
 Mr. and Mrs. William M. Olah '74
 Mr. and Mrs. David R. Olivencia '94
 Mr. and Mrs. Charles C. Olmsted '50
 Mr. Paul F. Olsen '97
 Warren '81 and Barb Opperman
 Mr. and Mrs. Mark J. Orelup '49
 Mr. and Mrs. John R. Orlando '98
 Dr. and Mrs. Charles D. Ormsby '92
 Mr. and Mrs. Richard K. Osburn '67
 Robert '85 and Robyn Osika

Mr. Kyle D. Overmyer '09 and
 Mrs. Dianna Artigue Overmyer '04
 Len '74 and Margo Overton
 Mr. Stephen C. Owen '11 and Mrs. Theresa R. Owen '11
 Mr. and Mrs. Elijah T. Parker-Reyes '12
 Mr. Jack E. Parks, Jr. '71
 Mr. Robert S. Parks '89
 Mr. Jerry L. Parr '59
 Mike '75 and Brenda Patrick
 Mr. Eric W. Paul '91
 Mr. and Mrs. Joseph L. Payonk
 Mr. Leonard W. Pearce, Jr. '05
 Mr. and Mrs. David W. Penner '77
 Dr. and Mrs. Robert P. Penno '71
 Mr. and Mrs. David Perry
 Mr. and Mrs. Charles E. Petersen '69
 Mr. and Mrs. Michael L. Phifer '83
 Mr. and Mrs. Jeffery J. Phillips '74
 Mr. and Mrs. Mark Phillips
 Mr. and Mrs. Patrick Pierce
 Mr. and Mrs. Richard E. Pike '61
 Mr. Nicholas S. Pilipovich '13
 Ms. Sharon Pleines
 Mr. and Mrs. Michael D. Poisel '90
 Mr. and Mrs. Todd C. Pombert '98
 Mr. and Mrs. Dennis L. Porter '68
 Mr. and Mrs. Gary Pratt
 Mr. David S. Price '86
 Mrs. Linda L. Price and Mr. Lewis O. Price
 Mr. and Mrs. Anthony J. Primozich '00
 Mr. Donald W. Privett '72
 Mr. and Mrs. Michael E. Privette '78

'00 Alumnus/ae class year
 H'00 Honorary degree recipient
 * Deceased

Mr. Claude E. Pugh and Mrs. Dnae Kinzie
 Mr. and Mrs. Darryl Punt
 Mr. and Mrs. Kevin Qualters
 Dr. David J. Rader and Mrs. Concetta A. DePaolo
 Gary '75 and Ann Rader
 Mr. and Mrs. Harold T. Ray, IV '86
 Dr. Nina M. Ray
 Mr. and Mrs. Michael R. Rayphole '68
 Mr. and Mrs. Michael C. Redman '66
 Mr. Michael C. Reeves '06 and Mr. Matthew Jordan
 Mr. and Mrs. William E. Reis
 Dr. David A. Rennels '64
 Mr. Matthew P. Repking '08
 Mr. Christopher D. Rettig '94
 Mr. and Mrs. Steven J. Reust '81
 Mr. and Mrs. Guy H. Revezs '51
 Mr. and Mrs. Brian L. Reynolds '75
 Bruce and Martha Rhine
 Mr. and Mrs. John R. Rhodahel '56
 Merle '63 and Beatrice Rice
 Mr. and Mrs. Damon L. Richards '84
 Dr. and Mrs. George Richter-Addo
 Mr. and Mrs. Kevin Riddett
 Mr. and Mrs. Randal A. Ridgway '77
 Mr. and Mrs. Robert G. Rinker '51

DONOR PROFILE: JENNIFER (KRAUSE) LAWRENCE



AS A MEMBER OF ROSE-HULMAN'S FOURTH FEMALE UNDERGRADUATE CLASS, Jennifer (Krause) Lawrence (CE, 2002) takes great pride in the role she played in setting the foundation of women's athletics on campus.

Lawrence was a four-year volleyball player, earning all-conference honors each year, and left as the program's record holder in several statistical categories.

That's why she was among the first women inducted into the institute's Athletic Hall of Fame (2012).

Lawrence is still a part of Rose-Hulman athletics—as a member of the Varsity R Club advisory board and a Varsity R patron.

"I remember playing one of our volleyball matches with six players on the court, and no one on the bench, except the coach and staff," shares Lawrence. "It is

wonderful to see the growth of our women's athletic program from those days, and I am thrilled to support it," she says.

She joins husband David (ME, 2000), a former varsity basketball player, in acknowledging the value in their athletic experiences.

"We look back on our playing days fondly, and as a big part of our college experiences. This is why we want to give back and participate in the Varsity R Club," Jennifer says.

Through their Varsity R Club involvement and financial support, the couple hopes to help the athletics program maintain its great facilities, and continue the legacy of learning experiences gained through international travel trips for athletic teams. ■

—Michael Kratage-Dixon, marketing manager

Dr. and Mrs. David A. Ripple '69
 Mr. and Mrs. Jerry E. Ritchie '86
 Mr. and Mrs. James J. Roach '57
 Mr. and Mrs. Patrick R. Robert '04
 Ira J. '49 and Arline Roberts
 Mr. and Mrs. Joel D. Roberts '68
 Dr. Cheryl Robinson
 Mr. and Mrs. Thomas E. Robison '69
 Mr. Jeremy P. Roehm '02
 Mr. Adam Romeiser, Jr.
 Mr. and Mrs. Douglas W. Roof '69
 Mr. James M. Rose '01
 Mr. and Mrs. Donald G. Rosenbarger, Jr. '78
 Mr. and Mrs. George S. Ross '55
 Mr. and Mrs. Greg Rousch '82
 Mr. and Mrs. Matthew J. Rubacha '98
 Mr. Michael H. Rubin '96 and
 Mrs. Marci Van Gilder - Rubin

Mr. and Mrs. Kyle E. Schroeder '89
 Mr. Eric M. Schue '07
 Mr. and Mrs. Robert T. Schulein '05
 Mrs. Paula A. Schultz '06 and Mr. Joshua Schultz
 Mr. and Mrs. Terrence F. Schuster '83
 Mr. Eric N. Schwarz '85
 Mr. Martin H. Seese '11
 Mr. C. Thomas Sego '88
 Mr. and Mrs. Brian L. Seidl '87
 Mr. and Mrs. Steven N. Shadix '94
 Mr. and Mrs. John L. Shambach '68
 Mr. and Mrs. Robert E. Shaw, Jr. '75
 Mr. Dustin R. Shea '05 and Mrs. Jessica L. Shea '05
 Mr. Thomas M. Sherman
 Mr. Henry N. Shomber '07
 Mr. and Mrs. Steven S. Shuman '83
 Dr. Azad Siahmakoun and Ms. Parisa Keywanfar
 Mr. and Mrs. David A. Smith '76

Mr. Nathan A. Kozman '03 and
 Mrs. Elizabeth A. Strohm Kozman '02
 Dr. and Mrs. Brian L. Stuart '84
 Mr. and Mrs. Thomas A. Stultz '94
 Mr. and Mrs. Raymond L. Summerlot '74
 Mr. and Mrs. Ronald J. Susemichel '63
 Mr. and Mrs. Timothy M. Swan '03
 Mr. Steven D. Swanson '86
 Dr. and Mrs. Maarij M. Syed
 Mr. and Mrs. Christopher A. Szaz '88
 Mr. Steven J. Tackett '81
 Mr. Matthew A. Talbert '99 and Mrs. Ann M. Talbert '99
 Gary '58 and Carolyn Tate
 Mr. Gregory Taylor
 Ms. Jacqueline C. Taylor
 Mr. and Mrs. James L. Teegarden
 Mr. Scott Terek '89
 Mr. and Mrs. David E. Terkosky '79

Mr. and Mrs. Erwin A. Ulbrich, Jr. '54
 Mr. Richard B. Van Kempema '72
 Ms. Juliana C. Van Winkle '01
 Mr. Charles C. Vana '10
 Mr. Brian C. Vargas '00
 Mr. John-Paul Verkamp '10
 Mr. Jeremy D. Vickery '06
 Captain and Mrs. David L. Vititoe '92
 Mr. and Mrs. Robert P. Vitolins '72
 Mr. and Mrs. Alexander J. Vogl '49 H'98
 Mr. Lynn Vornheder '91
 Mr. and Mrs. Jacob B. Wagle '07
 Ms. Sarah B. Waller '13
 Robert '09 and Rebecca Warden '09
 Mr. and Mrs. Michael D. Warne '79
 Mr. and Mrs. David A. Wasil '81
 Mr. and Mrs. Bogdan Wasilewski
 Mr. and Mrs. Mark D. Weber '79
 Mr. and Mrs. Michael S. Weinert '77
 Drs. George R. and Rosemary Weir
 Mr. and Mrs. Tad O. Wells '78
 John W. '43 and Norma Welsh
 Mr. and Mrs. George E. Wence '53
 Mr. and Mrs. Gordon P. West '67
 Mr. and Mrs. Gregory Westrup
 Mr. and Mrs. Chris W. Wheatley '95
 Mr. and Mrs. Fred H. Wheeler '67
 Mr. and Mrs. John S. Whitaker '82
 Mr. Arthur White
 Dr. and Mrs. William K. Whitehouse
 Mr. and Mrs. John R. Whitworth '60
 Mr. and Mrs. Matthew C. Wiesenberg '78
 Mr. Ty B. Wiggins '13
 Drs. John J. '89 and Michelle Wilkinson
 Mr. and Mrs. Theodore M. Willer '70
 Mr. Christopher S. Williams '01
 Mr. and Mrs. James A. Williams '71
 Mr. and Mrs. Joe A. Williams '55
 Mr. William J. Williams
 Mr. and Mrs. Wyman Williams '80
 Mr. and Mrs. Thomas A. Windy
 Mr. and Mrs. F. Cecil Witherbee '68
 Mr. and Mrs. David A. Wojahn '75
 Dr. and Mrs. Frank Wolf
 Mr. and Mrs. George T. Wolf '48
 Mr. Matthew P. Wolfe '82 and Mrs. April A. Jordan
 Dr. and Mrs. Michael Wollowski
 Mr. and Mrs. Geoffrey J. Wood '87
 Mr. Larry A. Wood '85
 Mr. and Mrs. S. Michael Woodard '73
 Gary Wooddell '76
 Mr. and Mrs. Dennis W. Worthington '86
 Mr. and Mrs. Stanley Woszczyński '80
 Mrs. Julie C. Wright
 Dr. and Mrs. Larry Wruck
 Mr. Philip W. Wyssling '72
 Carl (Gaoiming) '95 and Jianying Mi Yang
 Mr. and Mrs. David C. Yates '84
 Mr. and Mrs. David A. Yeager '68
 Mr. David W. Yip, Jr. '06
 Mr. and Mrs. Gerald Young
 Dr. and Mrs. James E. Young '63
 Mr. Alexander C. Yovanovich '02 and
 Mrs. Audra M. Yovanovich '04
 Dr. and Mrs. Antonio Yuk
 Dr. and Mrs. Gary L. Zack
 Mr. Robert W. Zembrodt, Jr. '97 and
 Mrs. Sara L. Zembrodt '99
 Mr. and Mrs. Thomas N. Zendzian '87
 Mr. Wayne Zheng and Mrs. Ngan Ng
 Lee '68 and Eileen Ziegler
 Mr. Jacob D. Zoss '06
 Mr. and Mrs. Alan D. Zuber



FACULTY MENTORS: Geography Professor Michael Kukral, PhD, uses the Flame of the Millennium Sculpture/Fountain as a backdrop for a unique outdoors learning experience on campus. (Photo by Shawn Spence)

Mr. Jeffrey W. Rubitschun '07 and
 Mrs. Caitlin L. Rubitschun '07
 Mr. and Mrs. Larry D. Runion
 Mr. and Mrs. Keith Ryan
 Ms. Trisha M. Ryan
 Mr. and Mrs. Paul E. Sabla '63
 Mr. and Mrs. Michael J. Salay '83
 Mr. and Mrs. James J. Sales '85
 Mr. Jason J. Sauppe '09 and Mrs. Allison V. Sauppe '09
 Mr. and Mrs. Steve Savrda
 Mrs. Kerry L. Schaffer and Mr. Mark E. Schaffer
 Mrs. Sandy Scharpenberg
 Mr. and Mrs. Paul D. Schaub '84
 Mr. Frederick O. Schipp '83
 Mr. Kenneth A. Schmidt, Jr. '93
 Dr. and Mrs. Martin Schmidt, Jr. '74
 Mr. Nicholas S. Schmidt '07
 Mr. and Mrs. Paul L. Schmidt '81
 Mr. Steven D. Schmitz '07

Mr. and Mrs. Joseph W. Snyder '62
 Captain Jesse P. Somann '04
 Mr. and Mrs. Karl B. Sorensen '99
 Dr. and Mrs. Andrew P. Spence '68
 Mr. and Mrs. Donald B. Spencer '48
 Mr. and Mrs. Keith Stanley
 Mr. and Mrs. John R. Stargel '09
 Mr. and Mrs. Jeremy J. Steele '89
 Mr. and Mrs. Wilbur J. Steele '58
 Mr. Jeffrey L. '83 and Mrs. Suzanne Sterrett
 Mr. and Mrs. David Stetzer
 Mr. Wallace C. Stilz '71
 Mr. and Mrs. Cary P. Stokes '84
 Mr. and Mrs. Timothy B. Stone '77
 Mr. and Mrs. John P. Stovall '74
 Mr. Andrew L. Strack '03
 Mr. and Mrs. Richard N. Streaker '58
 Mr. Andrew J. Stroh '07 and
 Mrs. Rebecca M. Stroh '10

Dr. and Mrs. Morgan E. Tharp, II '85
 Kelly Thompson-Frater and Bob Frater
 Mrs. Amy S. Timberman
 Mr. and Mrs. Phillip A. Titzer '88
 Dr. and Mrs. Barry Tomasetti, Sr.
 Mr. Travis C. Tomsu '08
 Mr. and Mrs. Charles E. Towne '70
 Lieutenant Colonel and Mrs. Jeffrey A. Trang '83
 Mr. and Mrs. Christopher A. Trapp '86
 Ms. Phyllis Triemsta
 Mr. and Mrs. Robert L. Trotter '57
 Mr. Christian E. Trummel, Sr.
 Mr. Micah N. Trusty '97 and Mrs. Tiffany S. Trusty '97
 Mr. Eric S. Tryon '97
 Ms. Amelia B. Turner '11
 Mr. Shawn M. Turner
 Dr. Lester L. Tyler
 Mr. Charles Uhl
 Dr. and Mrs. Robert R. Uhlmansiek '68



This club gives alumni, alumni athletes, parents, faculty and staff, and friends of the institute a way to join together in support of current and future Rose-Hulman student-athletes and recreational programs.

1888 Circle

1888 is the first year Rose-Hulman participated in intercollegiate athletics.

Hall of Fame: \$5,000 and above

All-American: \$2,500 to \$4,999

All-Conference: \$1,000 to \$2,499

Rosie Circle

Rosie the Elephant first appeared in 1923 to rally the Fightin' Engineers to a 19-0 victory over Indiana State University in the homecoming football game.

Gold: \$500 to \$999

Silver: \$250 to \$499

VARSITY R PATRONS

This club recognizes annual gifts of \$250 or more to the athletic department or recreational programs from July 1, 2013 through June 30, 2014. A complete listing of all donors can be found by visiting www.rose-hulman.edu/honorrollofdonors.

1888 CIRCLE

Hall of Fame

\$5,000 and above

Mr. Jason P. LaBella '04
Mr. and Mrs. Joseph F. Touchton
Mrs. Mary G. Witsken

All-American

\$2,500 to \$4,999

Dr. and Mrs. Ronald S. Artigue

All-Conference

\$1,000 to \$2,499

Mr. and Mrs. David H. Badger '53
Mr. and Mrs. Kyle M. Beaty '10
Dr. and Mrs. James C. Conwell
Mr. Dedic A. Day '03 and Mrs. Alicia K. Day '03
John '59 and Margo Fenoglio
Mr. and Mrs. David Foss
Mr. and Mrs. Gregory L. Gibson '84
Mr. and Mrs. Max Gibson
Mr. and Mrs. James W. Gidcumb '76
Mr. Peter A. Gustafson and Mrs. Donna J. Gustafson
Mr. and Mrs. Joseph E. Haniford '80
Mr. and Mrs. Dean A. Hill '84
Mr. and Mrs. Joshua Howie
Raymond '70 and Peggy Jirousek

Norm '72 and Teri Klein
Mr. and Mrs. Donald R. Lanning '61
Mr. David D. Lawrence '00 and
Mrs. Jennifer L. Lawrence '02
Mr. and Mrs. John E. Leonard '69
Mr. and Mrs. Patrick J. Noyes '76
Mr. and Mrs. Barry T. Schneider '90
Mr. and Mrs. Roger C. Ward '71
Mr. William M. Welch

ROSIE CIRCLE

Gold

\$500 to \$999

Mr. and Mrs. Christopher K. Aimone
Dr. and Mrs. Curt R. Bilby '82 H'06
Mr. and Mrs. Scott Buchta
Mike '85 and Lori Cain
Mr. David J. Cloutier '07
Mr. and Mrs. Larry M. Cole
Mr. and Mrs. Edward G. Evers, PE '83
Mr. David K. Finfrook '76
Mrs. Brenda Goble and Mr. Ernest L. Goble
Mr. and Mrs. Patrick C. Grace '00
Mr. and Mrs. David L. Hussung '65
Mr. and Mrs. James A. Jacobi '95
Mr. and Mrs. Michael E. Johnson '64
Dr. and Mrs. William A. Kline
Mr. and Mrs. Peter D. Kratz '76

Mr. and Mrs. William E. Kuchar '59
Mr. and Mrs. Kevin R. Lanke '97
Mr. Maceo R. Lewis, IV '01
Drs. Dennis and Susan Maier
Ms. Alinda Mattiuz
Mr. and Mrs. Brent A. Mewhinney '84
Dr. and Mrs. Denbo Montgomery, Jr.
Mr. and Mrs. Alan P. Morrison
Mr. and Mrs. John Murphy
Larry '61 and Faye Myers
Mr. and Mrs. Frank E. Oriold
Mr. Jack W. Ragle H'89
Mr. and Mrs. Nobutami Shimomoto
Mr. and Mrs. Matthew D. Sinclair
Mr. and Mrs. Travis D. Soyer '01
Mr. and Mrs. Damon A. Swope '94
Mr. and Mrs. Joseph Woodley, Sr.

Silver

\$250 to \$499

Mr. Brandon Benedict '17
Ms. Cassidy J. Bevington '16
Mr. and Mrs. Ronald F. Brown
Mr. and Mrs. Jim K. Chandler
Nicholas '09 and Amanda Corkill
Julie '12 and Eric Fisher
Dr. and Mrs. Larry J. Geier '72
Mr. Jacob A. Gibas '12
Larry and Nancy Glaze
Mr. and Mrs. Daniel R. Harshbarger '95
Mr. and Mrs. Steven D. Hill '81
Mr. and Mrs. Michael D. Hlavaty-LaPosa '81
Mr. and Mrs. J. Daniel Hopkins
Mr. and Mrs. Robert T. Hopkins '85
Mr. and Mrs. Jeffrey Jenkins
Mr. Michael S. Jennings '76
Mr. and Mrs. Ronald R. Jennings '60
Mr. Sean B. Jessup '08
Mr. and Mrs. Daniel V. Kingery, Jr. '61
Mr. and Mrs. Samuel J. Kowal '55
John "Pete" Lee '45
Mr. and Mrs. Ralph Lucarelli
Mr. and Mrs. Matthew McGoff
Mr. and Mrs. Foster A. McMasters, Jr. '70
Dr. and Mrs. David C. Mitchell '48 H'83
Mike '59 and Linda Munro
Mr. and Mrs. Jerry F. Novotny '68
Mr. and Mrs. Kevin Qualters
Mr. and Mrs. Harold T. Ray, IV '86
Mr. Matthew P. Repking '08
Mr. Jeremy P. Roehm '02
Mr. and Mrs. Larry D. Runion
Dr. and Mrs. Larry A. Sachs '66
Mr. and Mrs. Dennis A. Smith '71
Mr. Troy R. Snider '82
Mr. and Mrs. Raymond L. Summerlot '74
Mr. and Mrs. Timothy M. Swan '03
Dr. and Mrs. Barry Tomasetti, Sr.
Mr. Eric S. Tryon '97
Ms. Amelia B. Turner '11
Mr. and Mrs. William W. White, Jr. '57
Dr. and Mrs. James E. Young '63



DONOR PROFILE: DEDRIC DAY

DEDRIC DAY'S EXPERIENCES AS A VARSITY BASKETBALL PLAYER at Rose-Hulman are the motivation for his involvement with the Varsity R Club.

"Rose-Hulman did so much to help me reach my goals as a student-athlete. It is my responsibility to help current and future athletes reach theirs," says Day (CHE, 2003).

As chair of the Varsity R Club's advisory board, Day looks back on his experiences as a student-athlete with more than just fondness. There is an appreciation of the tools developed for career success as a process engineering manager for Eli Lilly and Company in Indianapolis.

"Sports always provided me with another level of focus, helping me manage my time so well. I always had higher grades during basketball season," he states.

As a Varsity R Club patron, Day joins other former Fightin' Engineers in contributing to the success of Rose-Hulman athletics and recreational activities. Gifts can be specified to support one or more of Rose-Hulman's 18 athletic teams, recreational programs, or an athletic facility.

"Look at the successes our teams and athletes had last year (2013-14) in baseball, men's basketball, soccer, and track and field. We also won the Heartland Collegiate Athletic Conference's Commissioners Cup. I'm proud of those successes and want to give support to all Rose-Hulman teams for their future achievements," says Day. ■

—Michael Kratoge-Dixon, marketing manager

'00 Alumnus/ae class year
H'00 Honorary degree recipient
* Deceased

CORPORATE AND FOUNDATION GIVING

This category recognizes annual gifts from corporations and foundations of \$1,000 or more from July 1, 2013 to June 30, 2014.

Advanced Waste Management Inc.
Allison Transmission, Inc.
American Endowment Foundation
American Society for Engineering Education
American Structurepoint Inc.
Ampacet Corporation
Aramark Global Business Services
ArcelorMittal USA Inc.
Axis Architecture and Interiors
Baumgardt Family Foundation, Inc.
Bowen Engineering Corporation
C.H. Garmong & Son, Inc.
Camcraft Inc
Carter Family Foundation
Caterpillar Foundation
Clark Dietz Incorporated
Cornelius Family Foundation Inc.
Cypress Semiconductor Corporation
D.J. Angus - Sciencetech Educational Foundation
Delphi Corporation
Directed Energy Professional Society
Donald W. Scott Foundation
Duke Energy Foundation
Exelon Corporation
Fidelity Charitable Gift Fund
First Financial Bank
GE Appliances
General Electric
General Motors - North American Operations

General Motors Corporation
Global Impact
Green Hills Software
Gregory L. Gibson Charitable Foundation, Inc.
Hansen-Furnas Foundation, Inc.
Hollie & Anna Oakley Foundation, Inc.
Honeywell International Inc.
HP Attala Data Security
Hux Family Charitable Trust
Independent Colleges of Indiana Foundation
Indiana Bureau of Motor Vehicles: Terre Haute
Indiana Chemical Trust
Indiana Trust Company
Indiana Youth Institute
Interactive Intelligence
International Centers for Telecommunication
Technology Inc.
International Paper
John P. and Lawrence J. Giacometto Foundation
Joseph B. and Nancy M. Tynan Family Foundation
Kao Family Foundation
Kappa Kappa Kappa, Inc.
KBR, Inc.
Kern Family Foundation Inc.
Knauf Insulation
Lilly Endowment Inc.
Lookout Foundation, Inc.
Mac Fehsenfeld Family Foundation, Inc.
Marathon Petroleum Company LP

Max L. & Jacqueline Gibson Foundation
McGregor Student Fund
MEPAC of Marathon Petroleum Company
Microsoft Corporation
Midway USA Foundation Inc.
Moffatt & Nichol
Mondelez International Foundation
Motiva Enterprises LLC
Motorola Mobility Foundation
Network for Good, Inc.
Northrop Grumman Corporation
Oscar Baur Foundation
P.C. Smith Family Foundation at the Vanguard
Charitable Endowment Program
Procter & Gamble
Qualcomm Inc.
Raytheon Company
Renaissance Charitable Foundation, Inc.
Retec, Inc.
RJE Business Interiors
Rockwell Collins Charitable Corp
Romill Foundation
Sandia Corporation
Schwab Charitable Fund
Skyworks Solutions, Inc.
Stant
Steel Dynamics, Inc.
Stifel Nicolaus & Co Inc.
Taft Stettinius & Hollister LLP

Templeton Coal Company, Inc.
Terre Haute Regional Hospital
Texas Instruments Incorporated
The AYCO Charitable Foundation
The Blakley Corporation
The Community Foundation of Louisville, Inc.
The Dayton Foundation
The Denver Foundation
The Donor-Advised Fund of The Virginia Baptist
Foundation
The Dow Chemical Company
The Furnessville Foundation
The Kellam Foundation, Inc.
The MathWorks, Inc.
The National Philanthropic Trust
The PepsiCo Foundation, Inc.
The U.S. Charitable Gift Trust
The Weston Wabash Foundation
Theriac Environmental Consultants, Inc.
ThyssenKrupp Presta USA, LLC
USA Funds
Vanguard Charitable Endowment Program
Vigo County Education Foundation
Vigo Engineering
Wabash Valley Asphalt Co. LLC
Wabash Valley Community Foundation, Inc.
Wilkinson, Goeller, Modesitt, Wilkinson
& Drummy, LLP
Zuken USA, Inc.

CORPORATE MATCHING GIFT SUPPORT

This group recognizes matching gifts from corporations and corporate foundations of \$1,000 or more from July 1, 2013 to June 30, 2014.

3M
Abbott Laboratories
Aerojet-General Corporation
AIG Matching Grants Program
ArcelorMittal
AT&T Foundation
BAE Systems
BorgWarner Inc.
BP Foundation, Inc.
ConocoPhillips
Dell Your Cause LLC

Duke Energy Foundation
Eli Lilly and Company Foundation
Enterprise Products
ExxonMobil Foundation
FM Global Foundation
General Electric
Hill's Pet Nutrition, Inc.
IBM Corporation
Johnson & Johnson
Marathon Oil Company Foundation
Microsoft Corporation

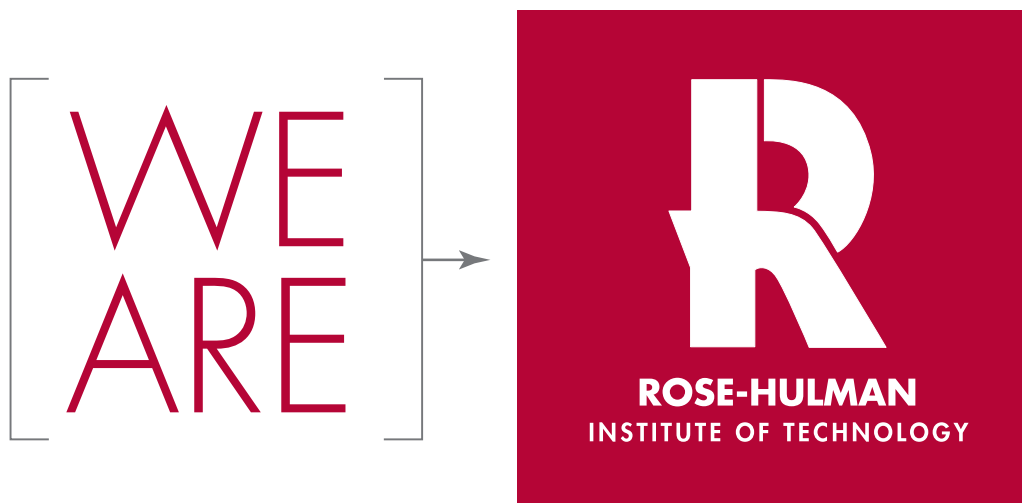
Motorola Solutions Foundation
Northrop Grumman Corporation
Northwestern Mutual Financial
Pella Rolscreen Foundation
Pfizer Incorporated
Qualcomm Incorporated
Raytheon Company
SAP America, Inc.
Shell Oil Company Foundation
Southern Company Services, Inc.
Texas Instruments Foundation

Texas Instruments, Inc.
The Boeing Company
The Dow Chemical Company Foundation
The John D. and Catherine T. MacArthur Foundation
The Lubrizol Foundation
The MeadWestvaco Foundation
The PepsiCo Foundation, Inc.
TPG Capital, L.P.
W.W. Grainger, Inc.

CORPORATE SPONSORED INITIATIVES PROGRAM

Rose-Hulman recognizes the inaugural participants of the institute's Corporate Sponsored Initiatives Program. These corporate partners have given \$60,000 or more towards academic programs, student initiatives, equipment, or scholarships. For more details on this program contact Brandon Zollner, director of corporate relations at 812-877-8443 or zollner@rose-hulman.edu.





THANK YOU!

Remaining a leader in undergraduate science, engineering, and mathematics education takes a commitment from our many stakeholders.

THANK YOU to all of our **ALUMNI**

who gave a gift this year, hosted or attended an alumni event, or returned to campus to reconnect with the Rose-Hulman family.

THANK YOU to our amazing **FACULTY** and **STAFF**

who always give of their time and talent, and this year, so many gave of their treasure as well.

THANK YOU to our many special **FRIENDS**

who believe in what we do, and support us with their contributions.

You can help us start our 2014-15 fiscal year off right with a gift to The Fund for Rose-Hulman. We hope to see your name among our Honor Roll of Donors next year.

Change student lives, support world class faculty, and help solidify Rose-Hulman's plan for the future by visiting www.rose-hulman.edu/give or calling 812-877-8217.

5500 Wabash Avenue
Terre Haute, IN 47803

Address Service Requested



Stay connected

Stay connected with Rose-Hulman through our website (www.rose-hulman.edu). You can also keep informed by becoming a fan of Rose-Hulman's Facebook page or following us on Twitter (@rosehulman or #rhitpride).



PARTING SHOT

Happy Day for 2014 Graduates

Grayson J. Bond replicates the pose of the Self Made Man sculpture to showcase happiness at accomplishing his goal to earn a bachelor's degree in optical engineering as a member of the Rose-Hulman's Class of 2014. See more images from this year's commencement inside on pages 24-25. (Photo by Shawn Spence)