

Fall 2015

## Volume 2015 - Issue 3 - Fall, 2015

Echoes Staff

Follow this and additional works at: [https://scholar.rose-hulman.edu/rose\\_echoes](https://scholar.rose-hulman.edu/rose_echoes)

---

### Recommended Citation

Staff, Echoes, "Volume 2015 - Issue 3 - Fall, 2015" (2015). *Rose Echoes*. 95.  
[https://scholar.rose-hulman.edu/rose\\_echoes/95](https://scholar.rose-hulman.edu/rose_echoes/95)

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](mailto:weir1@rose-hulman.edu).



ROSE-HULMAN INSTITUTE OF TECHNOLOGY

# Echoes

FALL 2015

Vol. 2015, No. 3

## SPECIAL MOMENTS

Igniting a Lifetime  
of Memories

*See stories throughout this  
pre-Homecoming issue*





# **WELCOME BACK**

**to where your  
journey began.**

## **Homecoming 2015**

Freshmen start their Rose-Hulman journey each year  
by working together to build the Homecoming bonfire.

Return on September 18-20 to rekindle those special memories.

[rose-hulman.edu/homecoming](http://rose-hulman.edu/homecoming)



## Columns

Message from President Jim Conwell.....	2
Herb Bailey's Fall Mathematics Challenge .....	48

## Alumni News

That 'Forever Rose' Feeling.....	3-6
Golden Moments for the Class of 1965.....	7-10
Coed at 20: Reflections on the Admission of Women.....	11-14
A Retrospective Walk Down Memory Lane.....	15-30
Diamond Gem: Alumni Still Helping Teams Win Baseball Games .....	40-42
Alumni Short Subjects.....	43/47
Bob Bagby's Big Catch, Reeling in a Career with Zebco.....	44-46
Alumni News & Notes .....	49
Alumni Weddings & Rosebuds .....	50
Alumni Obituaries.....	51
Homecoming Preview, Alumni Schedule.....	52

## On Campus

Commencement Recap .....	31-33
Students Showcase Skills in National Competitions.....	34-35
New Grads Participate in European Innovation Academy .....	36
Campus News.....	37
Student Profiles.....	38-39
Parting Shot: Youths Explore STEM Interests at Summer Camp .....	Back Page

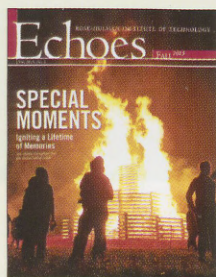
## 2014-15 Honor Roll of Donors

Thanking Our Donors .....	54
Chauncey Rose Society .....	55
1874 Heritage Society .....	56
G.O.L.D. Circle/Varsity R Club .....	57
Annual Giving Circles .....	58-63
Corporate & Foundation Support .....	64



### Your Feedback is Essential to Help Echoes Meet Your Needs

You are being invited to provide valuable feedback on the *Echoes* magazine. Our goal is to identify better ways to serve our readers, and meet your needs as we make plans for future issues. Participate online at [tiny.cc/echoes](http://tiny.cc/echoes) or by linking through the QR code (at left). Your responses will be kept confidential, and the survey results will be presented at the aggregate level only.



### ON THE COVER

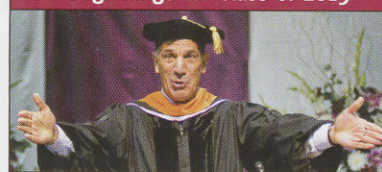
Designed and constructed by students, the bonfire is an endearing Homecoming tradition for our alumni—past, present, and future. Tales about the bonfire, Rosie-themed floats, freshman beanies, engineered shenanigans, The Rose Show, and other aspects of our history are featured in a special retrospective section on pages 15-30.

### Coeds Leave their Mark



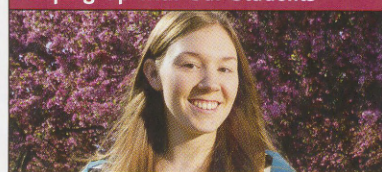
Pages 11-14

### New Beginnings for Class of 2015



Pages 31-33

### Keeping Up with Our Students



Pages 38-39

### Alumni Trio Hits Home Run



Pages 40-42

### PUBLICATION CREDITS

**Vice President for Enrollment Management and Strategic Communications:** James A. Goecker  
**Associate Vice President for Communications and Marketing:** Mary Wade Atteberry  
**Interim Vice President for Institutional Advancement:** Doug Smith  
**Alumni Association President:** Tracey (Neal) Lockhart, Class of 2002

**Office of Alumni Affairs:** James A. Bertoli, Executive Director; Emma Campbell, Administrative Assistant; Lauren L. Jackson, Associate Director; and Rachel Romas, Alumni Affairs Coordinator

**Executive Editor:** Dale Long  
**Contact E-mail:** [Dale.Long@rose-hulman.edu](mailto:Dale.Long@rose-hulman.edu)

**Contributing Writers:** Herb Bailey, Emma Campbell, Arthur Foulkes, Dale Long, Kasy Long, and Stacey Muncie

**Contributing Photographers:** Agile Imaging, Christopher Barr, Bryan Cantwell, Heidi Heilbrunn, Mike Lanke, Samantha McGranahan, Terry Miller/Moore Photography, Chris Minnick/Minnick Editorial Photography, Shawn Spence/Spence Photography, and Zebco

**Contributing Designers:** Chris Denison and Traci Nelson-Albertson

**Class Notes/Alumni News Contact:**  
 Send alumni news and address updates to [alumniaffairs@rose-hulman.edu](mailto:alumniaffairs@rose-hulman.edu)

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

**ROSE-HULMAN**  
 INSTITUTE OF TECHNOLOGY

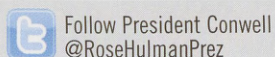
It is the policy of Rose-Hulman Institute of Technology to admit students on the basis of their academic ability. Rose-Hulman Institute of Technology does not discriminate based on race, religion, color, national origin, sex, age, citizenship status, disability, veteran status, or sexual orientation.



# Homecoming Filled with Good Times and Lasting Memories



By Jim Conwell, President



You probably noticed that this issue of *Echoes* is a little thicker than most. That's because we have included two very special sections inside—one a nod to our heritage and traditions, the other a grateful acknowledgement of all of those alumni and friends who have made generous gifts to the institute this past year. (More on that later.)

As the bonfire photo on the cover attests, Homecoming with all of its traditions is just around the corner. This fall ritual is one of my favorite weekends of the

year as we see alumni reconnect, marvel at the construction of the bonfire, admire the crowning of the Homecoming queen, stroll through Tent City, and—of course—cheer the Fightin' Engineers onto victory. The weekend is packed with activities—the schedule of events is on page 52. So, if you haven't been to campus lately, I hope you will set aside September 18-20 to come back and join in the fun.

As a 141-year-old institution, rich in tradition, we have amassed so many stories over the years that we decided to gather

many of them—along with some incriminating photographs—into a scrapbook of sorts for your reading pleasure. We hope our 16-page "Back to the Future" section (pages 15-30) provides an enjoyable walk down memory lane for you—whether you graduated this year or decades ago. Though some of the traditions have faded, others remain strong today.

In our spring issues of *Echoes*, I wrote about all of the external recognition Rose-Hulman has been receiving for excellence. This includes the new Brookings Institution study that ranked us fourth in the nation for added value for students—out of 7,400 colleges and universities across the country. Other points of pride can be found on the inside of the back cover page. While we celebrate these achievements, we know that we did not get to this point overnight nor on our own.

The unique culture of Rose-Hulman, our focus on teaching excellence, our quality facilities, and our placement record with students—to name just a few distinctions—are directly tied to the success of our alumni and the support we receive from you.

We are incredibly grateful for your gifts of time and resources that have helped us to become not just the No. 1 undergraduate engineering school in the country, but also outstanding in so many other areas as well. In that vein, I urge you to take a few minutes to read the names of our 2015-16 Honor Roll of Donors, beginning on page 53. To all of the individuals therein, everyone at Rose-Hulman extends our deepest appreciation. ■

## REFLECTING UPON THE PLACE WHERE YOUR JOURNEY STARTED

Homecoming affords us time to reminisce over those special events we have experienced as part of Rose-Hulman's family—from the Rosie-themed Homecoming floats, freshman beanies, and The Rose Show of yesteryear to the campus shenanigans, late-night Taco Bell runs, and athletic victories that continue today. Several of these are showcased in a special retrospective section in this *Echoes* issue. Take a walk down memory lane on pages 15-30.





# THE TIES THAT BIND

Relationships for a Lifetime Create that 'Forever Rose' Feeling

Story by Dale Long



"Forever Rose" is rich in meaning for students and alumni. The personal relationship that's established when students arrive on campus is nurtured by the simple acts of kindness by faculty and staff, reinforced by the bonds among classmates, and supported by the scholarships generously provided by alumni and other friends. Students graduate, but the Rose experience remains with them always. They are forever a part of the family, no matter how far away they are, and welcomed back whenever they can make it home. The stories on the following pages capture the qualities that make this place so special.





**FOND MEMORIES:** Marv Shelley, a civil engineering graduate from the class of 1949, is the institute's oldest living alumnus at 99 years old. (Photo by Christopher Barr)

## ALUMNI: Reflecting on Lessons Learned

It has been nearly 70 years since Marv Shelley first walked across the grounds of Rose Polytechnic Institute, but the memories and lessons learned on campus are still vivid and meaningful to the 99 year old, the institute's oldest living alumnus.

"Oh, it was a special place, filled with great, generous people... and still is," says the 1949 civil engineering graduate who was led here by serendipity.

Returning to his hometown of Mooreland, Indiana, after helping America win World War II and being in a German prison of war camp for six months, Shelley joined lifelong friend Bernie Erickson (another 1949 alumnus) in attending an information session in nearby New Castle about a small, private engineering college in Terre Haute that was accepting returning veterans through G.I. Bill educational benefits.

"Frankly, I had never heard of the school, and just went along for the ride. I was interested in applying some of the skills that I had learned in the war in some way," Shelley recalls in a telephone interview from his home in Scottsdale, Arizona. "Rose seemed so far away for me, a boy from a little town in the middle of Indiana. They took a chance on me, and I took a chance on them."

Shelley was among the oldest members of Rose Poly's entering freshman class in 1946, and had been out of high school 13 years. He also had a wife, Liz, and a two-year-old son, Terry. The young couple lived in a trailer in a nearby community before joining other returning veterans and their families in military-style barracks built on the growing campus.

Needing a way to support his family, Shelley became an entrepreneur. He served as the campus water superintendent, started a campus newspaper route for *The Indianapolis News*, organized a weekly laundry route to a Terre Haute drycleaner for the nicely dressed faculty and administrators—at 75 cents per load—and did home repairs for legendary mathematics professor Ted Palmer.

"Rose was like one big family," Shelley recalls fondly. "The faculty bent over backward for me and the other G.I.s. If we needed something, it got done, somehow and some way."

Meanwhile, lessons learned on campus provided Shelley a solid foundation for a rewarding engineering career, and comfortable lifestyle for his family, which later added two other children. As sales manager for Jones & McKnight Electric Steel Works in Indianapolis, he helped build Indiana University's Memorial Football Stadium, and became president of the firm from 1964 to 1974. He later bought out the company and formed J&M Construction Products in Chicago, which he led until his 1982 retirement. Along the way he helped build the parking garages at Chicago's O'Hare Airport, and once had 11 high-rise buildings under construction at the peak of the company's success. He consulted with other companies on a part-time basis through 1988.

"The lessons instilled by the fine and demanding professors at Rose were the secret to my career success. I haven't forgotten that," he says proudly. "Next to marrying my wife and having a great family, Rose was the best thing that ever happened to me."

Shelley made his last trip to campus at Homecoming in 1999 to sing "Dear Old Rose" while celebrating the 50-year reunion for the class of 1949. ■





**SUPPORTIVE STAFF:**  
Campus switchboard operator Mary Greer is known as the "Cookie Lady" for the generous treats she leaves for students each holiday season. (Photo by Bryan Cantwell)

## STAFF: Providing a Taste of Home

Mary Greer does more than welcome campus visitors and answer telephone calls with the friendly greeting, "Thanks for calling Rose-Hulman, how may I assist your call?" She also shares stories with students passing the campus switchboard desk in the center of campus, and makes each holiday season brighter for them.

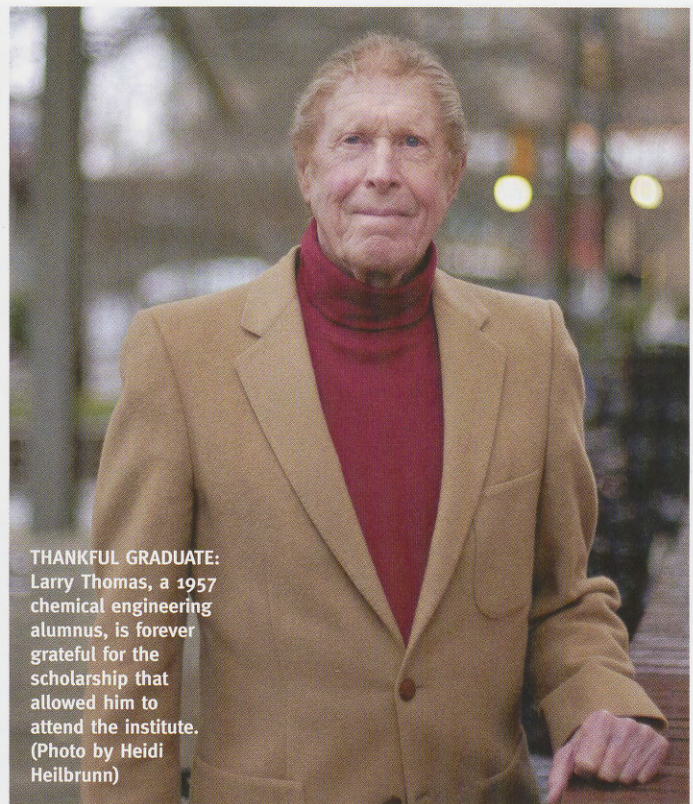
For several years, Greer has been known as the "Cookie Lady" for the treats she has placed daily under a Christmas tree in the first-floor lobby of Hadley Hall. Students have given the tree such affectionate names as the Cookie Tree, the Giving Tree, and the Tree of Treats.

"The students' giggles and laughter give me great joy," says Greer, a staff member for more than a decade. "Most of the students are from far away, and they don't have a chance to get some treats like their mother would make for them. If it makes them feel like home, then I'm happy, because we're trying to make Rose-Hulman feel just like home."

Students appreciate Greer's simple acts of kindness.

"Mary's generosity really brings home the Christmas spirit," says Rachel Manigault (OE, '11). "Students accustomed to special community or family traditions from home could find familiarity in the motherly treats provided by Mary. It was nice to know that someone cared enough to bake you cookies."

Greer is modest about her role. "Whatever it takes to get students through the day, I want to be part of it. I just want to make the students happy." ■



**THANKFUL GRADUATE:**  
Larry Thomas, a 1957 chemical engineering alumnus, is forever grateful for the scholarship that allowed him to attend the institute. (Photo by Heidi Heilbrunn)

## ALUMNI: Paying it Forward

A famous scene from the 1967 film "The Graduate" has a family friend pulling an impressionable Ben Braddock (Dustin Hoffman) aside to capture in one word the secret of future economic success: Plastics. Years earlier, Larry Thomas had heeded that advice for a successful engineering and marketing career in the plastics industry, paving the way for retirement at age 55 for the Terre Haute native.

"What Rose-Hulman concentrated on is what I wanted to learn," he says. "I absorbed everything I could about chemistry, and came away with a strong background that was helpful throughout my career."

Thomas had 32 job offers upon graduating in 1957. His strong background in chemicals and polymers became valuable while working for the Bakelite Corporation, Union Carbide Corporation, and Hoechst Celanese, where he led advanced technology operations from the company's American headquarters in Greer, South Carolina. Wise investments and frugal economic principles allowed Thomas to retire near Greenville, South Carolina in 1991. He has established a series of planned gifts that will be used to augment an endowed scholarship for Rose-Hulman students.

"When I started reflecting upon those things that made a difference in my life, like the scholarship to attend Rose, I wanted to make sure others wouldn't miss out and could follow in my path," Thomas says. ■



## FACULTY: Bridging Gaps, Building Confidence

Renee Rogge came to Rose-Hulman for the opportunity to develop the student design experience for the new biomedical engineering program. She liked research, but loved even more those opportunities when she could involve undergraduates in her projects.

"Here you get to interact with students in the lab, work with them on design projects, and see them grow and change, and actually learn how to become an engineer," she says.

Rogge and her faculty colleagues created a senior design experience that challenges students to create assistive devices for people with a range of disabilities, both cognitive and physical. They have worked on award-winning projects with the Hope Haven Horse Farm's equine therapy program, Knox County Association for Retarded Citizens, and Terre Haute's Development Services Inc.

"There is something about having a real client in the community that helps our students grow," she says. "This person looks to them as the engineer in charge, and that makes all the difference."

Lauren Meadows (BE, '14/MSEM, '15) remembers the moment in Rogge's class when she transformed from student to

engineer. She and her project partner were perplexed on how to develop a device to provide stability for riders with special needs. Rogge, she recalls, provided the right words of encouragement for the students to address the problem. They ended up addressing more areas than ever imagined with the project.

**"Here you get to interact with students in the lab, work with them on design projects, and see them grow and change, and actually learn how to become an engineer."**

—Renee Rogge  
Professor of Biology and Biomedical Engineering

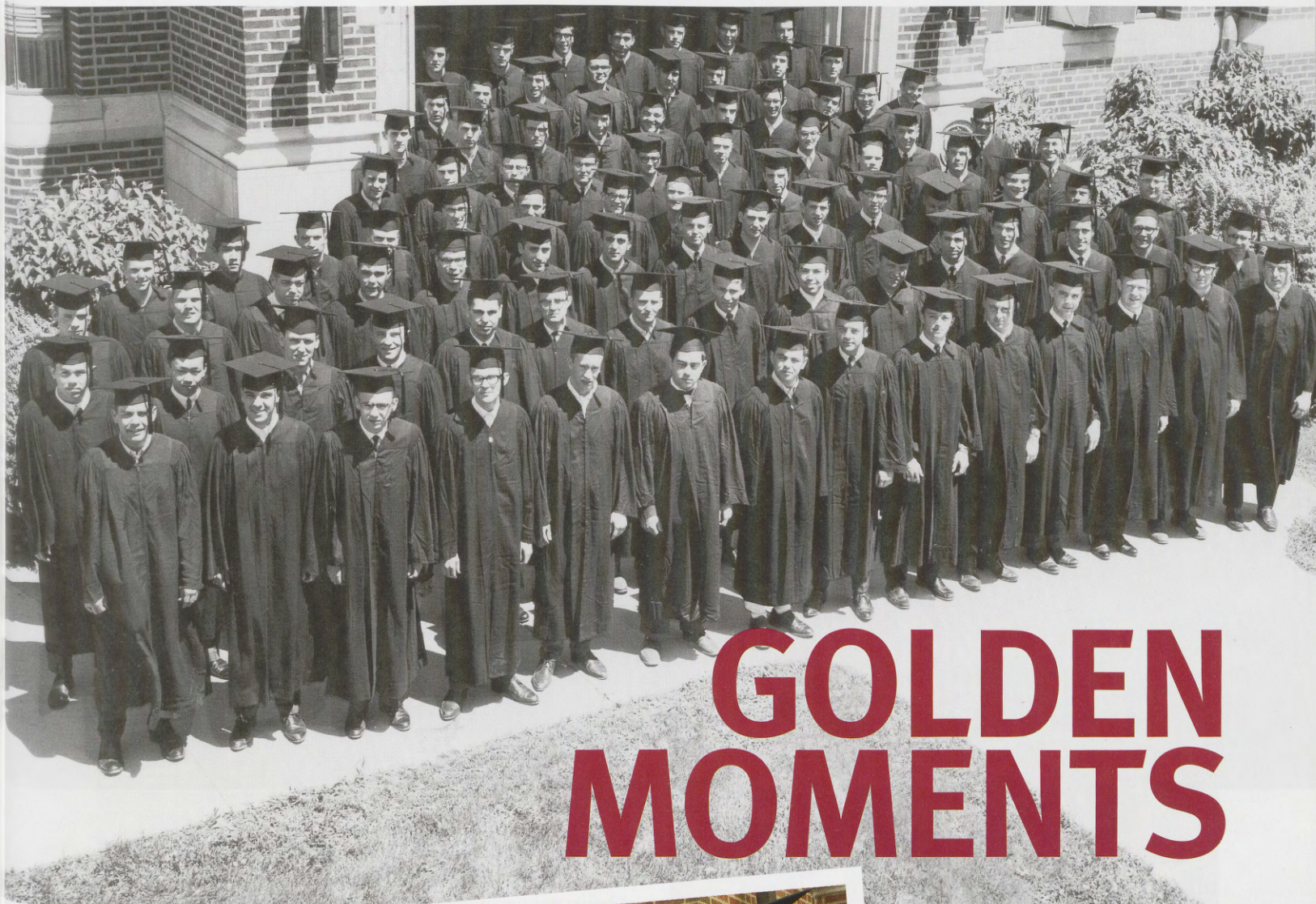
"Taking an idea from concept to working device is what makes you an engineer," Meadows says. "Dr. Rogge helped us bridge that gap. That 'aha' moment is exactly what we will need to do in industry." ■

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

**CREATIVE PROCESS:** Lauren Meadows (middle) gets feedback from professor Renee Rogge (right) on her senior-year design project for the Hope Haven Horse Farm. (Photo by Shawn Spence)







# GOLDEN MOMENTS



Class of 1965  
Shares Special  
Memories of  
Dear Old Rose

Story by Stacey Muncie

**COMMEMORATIVE CLASS:** Marking their 50th anniversary of graduation, 11 members of the original class of 1965 returned this spring to receive commemorative degrees.



**RECEIVING DIPLOMA:** Mechanical engineering alumnus Peter Canalia is congratulated by President Jim Conwell and Vice President for Student Affairs Pete Gustafson on the 50th anniversary of his 1965 graduation. (Photo by Shawn Spence)



## Laughter bounced off warm wooden cabinets full of mementos as members of the class of 1965 gathered this spring in Hatfield Hall's Alumni Center.

Years, and even decades, had passed since some of the group had set foot on campus. Now, members reflected on stories of those youthful times as they prepared to receive special recognition during Commencement the next day as Rose-Hulman's 50-year graduating class.

In many ways, they are not unlike the graduates of 2015. Technology has advanced, but that hasn't made the academics less challenging. Students work hard here, just as they always have. The courses are still tough. The professors remain top-notch and invested in their students. Those things haven't changed.

But many things have changed since Elmer Guerri (CHEM) walked, slide rule in his pocket, to classes in Moench Hall. Back then, the men of Rose Polytechnic were required to log two years of ROTC. Guerri remembers with pride how their front lawn

drills attracted attention from passersby, who would stop along U.S. 40, the historic National Road.

"It was not uncommon to see 10 or 15 cars of people watching us," he recalls.

In the mid-1960s, the shadow of the Vietnam War stretched around the globe and across campus. Guerri's senior project, in fact, involved developing a moisture-resistant coating for corrugated cardboard boxes for the Army.

"That would allow the military to bring these boxes in and store them on the ground. They didn't have to have a storage facility," he explains.

Their time at Rose Poly would span some of the most tumultuous years in our country's modern history. The war in Southeast Asia, Cuban missile crisis, the assassination of President John F. Kennedy, and the space race would each influence the young engineers of the class of 1965.

"We all had a great feeling of patriotism," Guerri recalls. Despite the heavy weight of the times, the young men retained a sense of optimism, and a belief that science and engineering were the tools for creating a bright new future.

"One of our guys went to work for NASA. That's one of the most magnificent endeavors our country has undertaken," he adds.



Maybe it was because the era was so dark in many ways, or maybe in spite of it, the class of 1965 has so many tales of general shenanigans. From razzing each other, to the ongoing harassment of students attending nearby Indiana State University (ISU), the class of 1965 made light of much.

Those memories were bubbling over as they met 50 years after receiving their own cherished diplomas.

Terry Fenimore (CHE) recalls the days with a mischievous twinkle in his eye as he shares the story of the group's freshman physics final exam, which was conducted in Shook Fieldhouse, a repurposed World War II-era Quonset Hut.

"A few of us decided we were going to select one of our classmates [to execute the prank] who had a 4.0 (grade point average) and so was pretty immune to being thrown out. We bought a chicken from a little old lady. The chicken got put in a brief case," Fenimore says with a grin. "About halfway through [the final exam] he gets the chicken out and throws it up in the air," he continues, choking back laughter. "Last we heard, one of the maintenance men was able to chase it down and it ended up going home with him for supper."

**"I thought that every faculty member I had was there to teach *me*. I felt every one of them cared about *me* and was there to help *me*. That's still the case today, as I hear professors in their offices talking with their students," he says. "It's all still personal. It's family."**

—Elmer Guerri (CHEM)

Ron Esserman (EE) recalls the ongoing rivalry between the students of Rose Poly and ISU. Among the infamous pranks was the time someone "mixed up some epoxy and glued a piece of ladies' apparel" to a particular statue on the downtown university's campus.

In those days, the men recall, it was a rite of passage for freshmen to be taken on "road hikes," a prank that consisted of the victim being driven out into the countryside, dropped off, and expected to find his own way back.

The class of '65 was able to elevate this particular tradition to a new level, thanks to Mike Wadsworth's (ME) pilot's license. The first "air hike" proved unsuccessful, however, according to Esserman, when the pranksters unknowingly left their victim just down the road from his own home.

"He beat them back after they dumped him off about a quarter mile from his parents' house," Esserman says.

Wadsworth's pilot's license was, in fact, the tool for much mischief. He laughs as he tells of a particular instance that nearly landed him in trouble.

He and a few friends had flown the airplane over tennis courts on the campus of Saint Mary-of-the-Woods College. "We were on a photographic reconnaissance mission. Supposedly there were sunbathers down there," he says with a chuckle.

## CLASS OF 1965'S MOST NOTORIOUS MEMBER: BOLIVAR Q. SHAGNASTY

Flip through the pages of the 1965 Modulus yearbook, and you'll find among the clean-cut lads of the freshman class a scoundrel: Bolivar Q. Shagnasty, his features impossible to make out. It seems no one ever really knew what Shagnasty looked like, only that he left a trail of mischief in his wake. The fictitious character took the rap for misdeeds and sand-bagged the physics tests—his name having been added to the roll on the very first day.

"Each time the professor called attendance for 'Mr. Shagnasty,' someone would answer, 'Here!'," says Terry Fenimore (CHE).

"He always got blamed for everything," recalls Elmer Guerri (CHEM). "If there was an especially difficult exam, you can be sure that Bolivar would turn one in to try to bring the curve down." ■

*Sign up to receive the Class of 1965 alumni newsletter. Contact Lauren Jackson in the Office of Alumni Affairs at 812-877-8949 for more information.*



**SHARING MEMORIES:** Class of 1965 members (from left) Pete Canalia (ME) and Mike Francis (ME) recall their days on campus while waiting for the Commencement procession to start. (Photo by Bryan Cantwell)





Elmer Guerri

## Fifty is Nifty for Giving Back

In honor of the 50th anniversary of their commencement, members of the class of 1965 have decided to create a scholarship fund. It's one way, the group says, that they can give back to their alma mater, and support the next generation of engineers, scientists, and mathematicians.

"I was fortunate enough to get a scholarship when I was here, and it was very helpful to me," Elmer Guerri (CHEM) says. "Now, we want to help students who might not otherwise be able to make both ends meet." ■

*The Class of 1965 will present the institute with a ceremonial check at Homecoming that will include all donations received from January 1-September 1, 2015. Individual donors and contributions will remain confidential. For more information about giving, contact Chris Aimone in the Office of Institutional Advancement at 812-877-8498.*

The plane had passed low enough to be identified—a mistake that earned Wadsworth a stern lecture, but fortunately no more.

Fifty years have passed since those misadventures, and the campus has changed in a lot of ways.

"You had the old main building (Moench Hall), you had Deming Hall, and one other dorm, the field house and student

center, and that was it. You didn't get lost," quips Joe Griffin (ME).

Wadsworth and Griffin marvel at the changes to the campus' physical landscape and new technology, including the Internet, which has made it possible for students to have the world at their fingertips.

"The opportunities for students now are just phenomenal," Wadsworth says.

Guerri adds, "The facilities just blow me away. Our labs were well-equipped, but we didn't have the things they have now."

"What's still consistent is the attitude of the teachers and the students," says Peter Canalia (ME). "The values that are still constant in the school."

**"When you came out of Rose Poly you could analyze and tackle any problem. You get in the real world and it's a piece of cake when compared to here."**

—Mike Wadsworth, ME

They agree, however, that at the core, the things that made Rose-Hulman excellent then are the same things that make it so in 2015. The hard work forges perseverance and problem-solving wherewithal just as it did back then. The value lies in more than just a degree.

"That's where you learn how to get stuff done," Wadsworth observes. "When you came out of Rose Poly you could analyze and tackle any problem. You get in the real world and it's a piece of cake when compared to here." He adds with a chuckle, "I was never so glad to get out of school in my life!"

But it isn't just rigorous academics, Guerri says, that make a Rose-Hulman education unique.

"One thing that there is absolutely no change in is the relationship between the students and the faculty. I thought that every faculty member I had was there to teach *me*. I felt every one of them cared about *me* and was there to help *me*. That's still the case today, as I hear professors in their offices talking with their students," he says. "It's all still personal. It's family." ■


*Stacey Muncie is a writer for the Office of Communications and Marketing.*



## SHARE YOUR STORIES

Do you have tales to tell from your time on campus? We'd love to hear them. Email your stories to Stacey Muncie at [muncie@rose-hulman.edu](mailto:muncie@rose-hulman.edu). You might just see your hijinks featured in a future issue of *Echoes*. For more alumni shenanigans, check out pages 18-19 in the special retrospective section in this issue (pages 15-30).





**BOUND TOGETHER IN SERVICE:** Female students join together to share their bonds for Rose-Hulman and the engineering profession after receiving their Order of Engineer Ring. (Photo by Chris Minnick)

Young Tracey Neal stared admiringly at her father's Rose-Hulman diploma, displayed proudly on his office wall. Inspired by the document, Tracey neatly printed her name on a piece of paper and carefully cut it out with scissors. Then, she taped her name over her dad's name on the diploma.

"Let's leave it there until you get your own," said Tracey's father, Robert Neal (ME, '77), when he found what his little daughter had done. The trouble was, at that time, Rose-Hulman didn't admit women, and there was no guarantee it would by the time Tracey was ready for college.

As it turned out, the institute began admitting women in 1995, and Tracey (Neal) Lockhart, earned her own Rose-Hulman diploma as a 2002 mechanical engineering graduate, only a few years after the institute graduated its first four-year class of female students. Lockhart is now a quality executive for Rolls-Royce in Indianapolis, and has followed her father in being involved with Rose-Hulman after graduation. She is ending an one-year term as president of the Alumni Association, and has been past-president of the Young Alumni Council.

Rose-Hulman women lead professional organizations on campus, they contribute their time and industry to team projects, and they make their mark in classes, observes Julia Williams, professor of English who was teaching at Rose-Hulman during the transition to coed education.

Twenty years ago this fall, 80 young women walked onto the Rose-Hulman campus as the college's first female members of the freshman class. Those pioneering young ladies made up 17 percent of the 1995-96 freshman class. And, thanks to sophomore-, junior-, and senior-year transfers, women made up 12 percent of Rose-Hulman's entire student body. Two decades later, women now comprise about 23 percent of the student population, and one-quarter of the 2015-16 freshman class.

"It was really neat to be a part of that first class," says Nellie (Magnanti) Hohne (ME, '99). As with many members of that inaugural group, Hohne said the

# SPECIAL BONDS & MEMORIES

Women Have Transformed, Improved  
Rose-Hulman throughout the Past 20 Years

Story by Arthur Foulkes





significance of what she was doing didn't hit her right away. Only when she was asked to gather for an all-female group picture during orientation did she appreciate that she was one of the first women to attend Rose-Hulman in its history. She suddenly thought, "This is kind of a big deal."

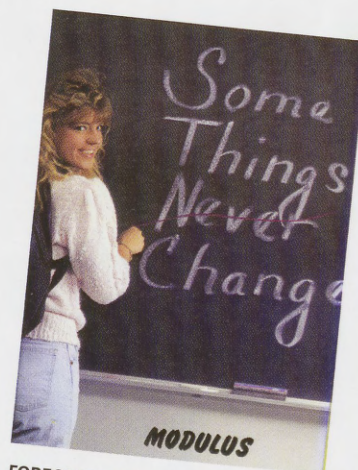
It was after nearly two decades of debate and study by faculty, staff, alumni, students, and others, along with prodding from then-President Samuel F. Hulbert, that the Board of Trustees voted in October 1991 to make Rose-Hulman student body coeducational. The board opted for a four-year grace period so that incoming freshmen in 1992 could graduate from the single-sex school to which they had applied. A few female "consortium" students living at Indiana State University took classes at Rose-Hulman in the 1994-95 academic year, but the campus officially welcomed women as Fightin' Engineers in the fall of the 1995-96 school year.

That four-year waiting period, while disappointing to coed advocates at the time, is now seen as being critical to what turned out to be, by all accounts, a smooth transition in 1995. The delay gave faculty and staff time to prepare adequately for the change, says Caroline Carvill, a professor of English and a key advocate for coed education upon her arrival on the faculty in the early 1990s. School officials took advice from incoming female students, such as Kara Rice (ME, '99), who suggested practical changes such as additional electrical outlets and full-length mirrors in the women's residence hall rooms.

"I think Rose did everything right," states Kim (Hayden) Henthorn (CHE, '99), who has returned to campus as a chemical engineering professor. The faculty, staff, and fellow students "tried very hard to make us feel welcome," she adds.

Apart from a few anecdotes about professors making comments better suited to an all-male audience, members of the Class of 1999 say, if anything, Rose-Hulman faculty and staff were hypersensitive to anything that might make the new women students

*Continued on page 14*



**FORECASTING CHANGING TIMES:** The cover of the 1992 Modulus yearbook celebrated the Board of Trustees' coeducation vote and the changes that would be coming in 1995.

**FAMILY LEGACY:** Tracey (Neal) Lockhart (ME, '02), top left, realized a dream by following in the footsteps of her father, Robert Neal (ME, '77), in earning a Rose-Hulman diploma. She is now a quality executive for Rolls-Royce and is the 2014-15 president of the Rose-Hulman Alumni Association. (Photo by Bryan Cantwell)

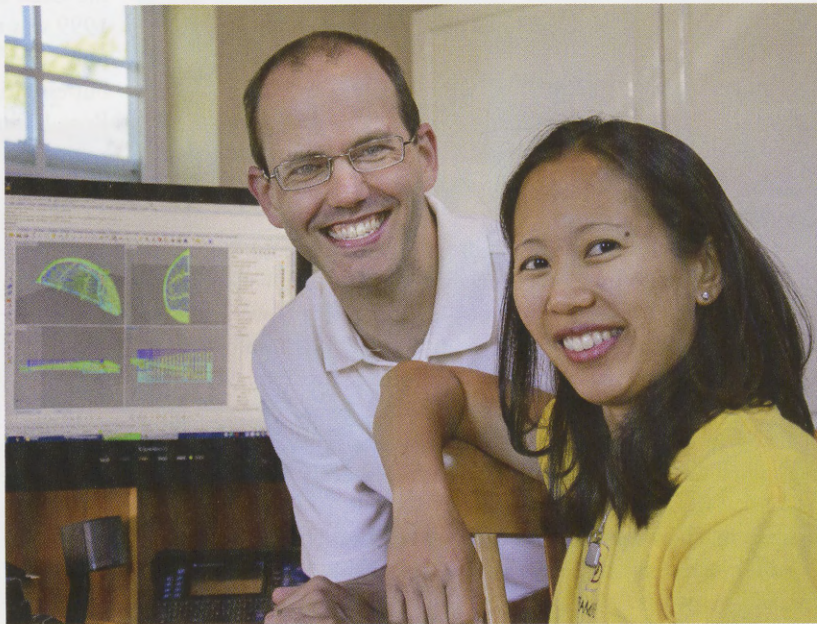
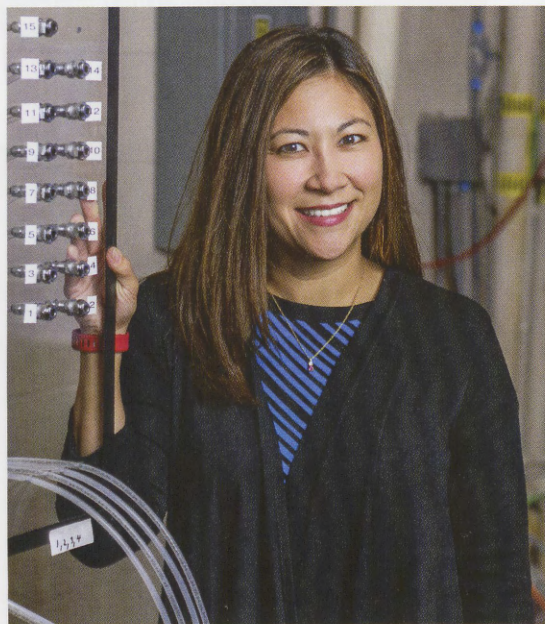
**LEADING VENTURES:** Elizabeth Hagerman, PhD, (CHE, '00), left, has been vice president of Rose-Hulman Ventures and a member of the President's Cabinet since 2012, after having leadership roles at Baxter Healthcare. (Photo by Chris Minnick)





**COED PIONEERS:** The inaugural coed group celebrated its 15-year class reunion last fall. Some members didn't realize the significance of their achievement until receiving their degrees and beginning their careers. (Photo by Terry Miller)

"The incredible thing about us was not our gender. We came to Rose-Hulman because we were passionate about math and science." —Abigail (Garrett) Hale, EE, '99



**ROLE MODELS:** Kim (Hayden) Henthorn, left, (CHE, '99) is an associate professor of chemical engineering on campus and advisor of the Delta Delta Delta sorority that she helped form in 1996. Marcie (Kam) Morrison, right, (ME, '99) has balanced career and family while joining her husband, Adam (ME, '00), in forming Streamline Designs, a successful business partnership from their home.



**EXCHANGING IDEAS:** A group of current female students work on a project in the new Synthetic Biology Laboratory on campus. (Photo by Shawn Spence)



**IT'S A FACT:**  
Female students will make up a quarter of Rose-Hulman's 2015-16 freshman class—the largest-ever percentage of any class. The female population has increased to 23 PERCENT within the current student body—higher than the 19.9% NATIONAL AVERAGE of females earning engineering degrees in 2014, according to the American Society for Engineering Education.

*Continued from page 12*

uncomfortable. The students themselves recall being preoccupied with surviving academically in a setting where, suddenly, they were no longer necessarily going to be at the top of their class.

"I didn't want to be one of those on the drop-out statistics," recalls Sara (Brown) Zembrodts (ME, '99), now a senior business analyst at Quintiles Transnational Corp. in Indianapolis.

Members of the inaugural female freshman class formed the Chi Omega and Delta Delta Delta sororities and became involved in clubs and organizations, while a tiny but determined women's basketball team got through the winter of 1995-96 with a roster of just six players.

"We went 0-20 that year," recalled Amanda (Speich) Witter (CHE, '99), one of just two team members with high-school varsity playing experience. Most of their losses were blowouts, but they practiced and played as hard as any athletic team on campus, she recalls. In most games, she and the other starting players were on the court for nearly the entire 40-minute game.

"I was in the best shape of my life," Witter says with a laugh. Being first has other advantages; Witter held every women's basketball record at Rose-Hulman for several years, and was the first woman admitted to the institute's Athletic Hall of Fame.

Still, members of the Class of 1999 don't consider themselves special in any way.

"The incredible thing about us was not our gender," says Abigail (Garrett) Hale (EE, '99), adding, "We came to Rose-Hulman because we were passionate about math and science."

But, for those who fought to bring women to Rose-Hulman, the Class of 1999 was not only significant, but essential to Rose-Hulman achieving a leadership role among undergraduate engineering colleges,

admits Williams. She adds proudly that women have won four of the last five Herman A. Moench Distinguished Senior awards, including this year (*see page 33*).

Twenty years ago, the first Rose-Hulman women not only braved attending a formerly all-male college, but performed well when they got here, says Carvill. "I really do admire that first group of women," she states.

Thanks to them, Carvill adds, "no one can argue that women can't cut it." ■

*Arthur Foulkes is a writer for the Office of Communications and Marketing.*



# BACK TO THE FUTURE



## ROSE-HULMAN'S HISTORY

is more than a collection of yearbooks, or words on a towering smokestack. It's built on a foundation laid by Chauncey Rose — entrepreneur and capitalist who saw fit to start the first private engineering college west of the Alleghenies — and has been molded over the years by dedicated staff and faculty whose adherence to rigor and high expectations have shaped clever, mischievous students into successful alumni.

Rich traditions and many milestones mark the path from 1874 to the present. Some have nearly faded from memory, a heritage preserved in black and white photographs, items displayed in glass cases, and unique elements now embedded in our culture.



Other developments—new buildings, new programs, new processes—have profoundly changed the face of the institute, rendering it better and more multifaceted than ever before.

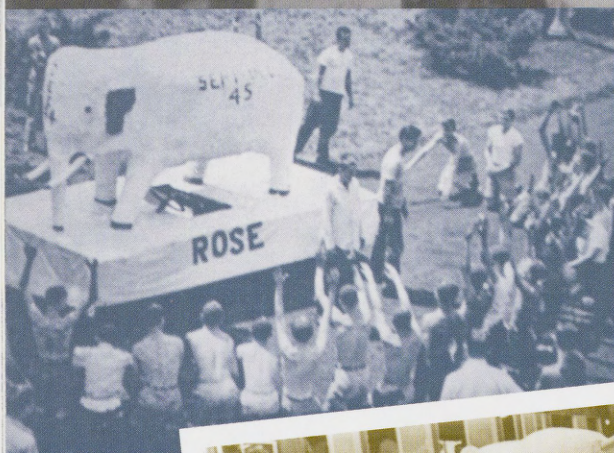
History is never truly a thing of the past. It is ever-evolving as we add our stories to those of previous generations. As such, Rose-Hulman continues to develop in order to retain its vibrancy and relevance for the future. Our journey continues, but as it does, one factor will remain constant:

**WE WILL ALWAYS STAY  
TRUE TO OUR ROOTS.**

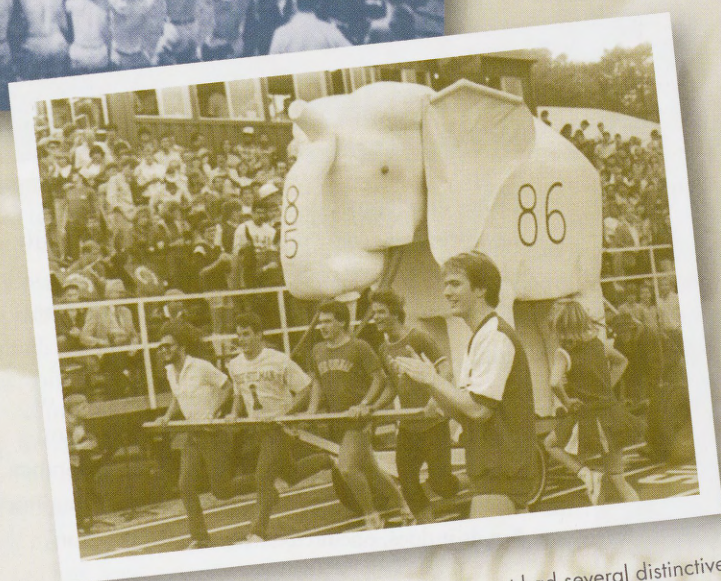




# Floating a Pachyderm



Students from the classes of 1945, 1946, and 1947 worked together to create Rosie-themed floats that were part of the annual Homecoming pep rally and football game.



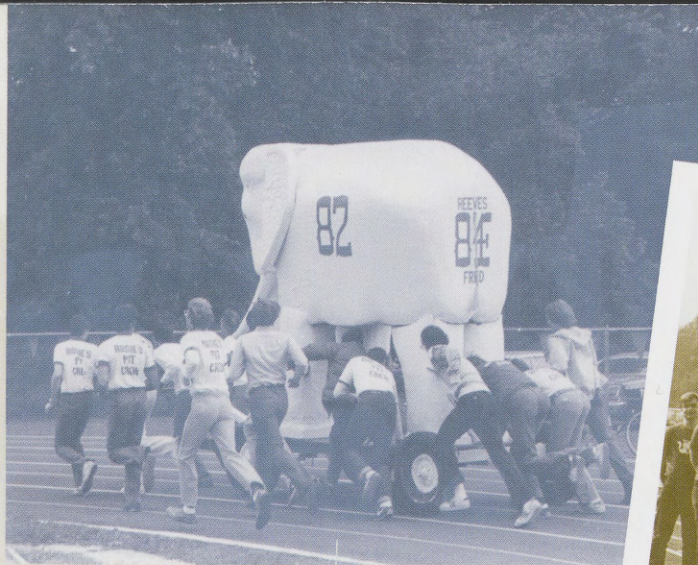
Floats featuring Rose-Hulman's elephant mascot had several distinctive features for most of the 20th century, including decorative patterns and the ability to spray water from Rosie's trunk.

**S**tudent-created floats featuring Rose-Hulman's Rosie elephant mascot were a feature of Homecoming celebrations for most of the 20th century, annually circling the football field at halftime—much to the delight of fans.

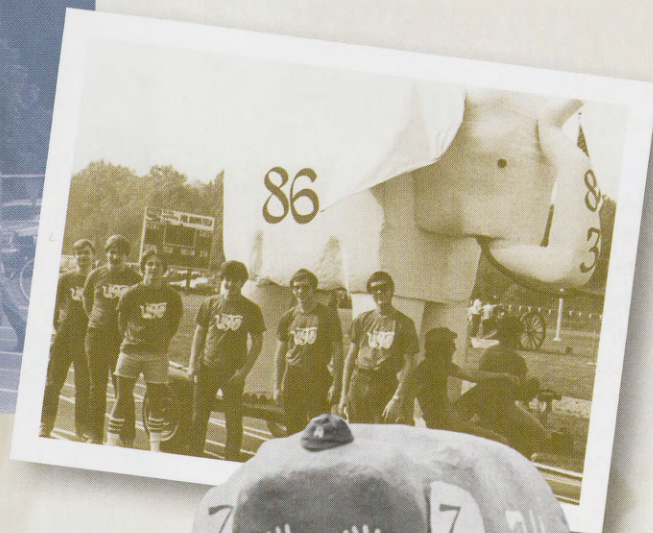
The floats were traditionally guarded by freshmen and sometimes met inglorious ends. In 1924, the float disappeared, only to be discovered later in a campus lake. The floats were part of Terre Haute's St. Patrick's Day Parade for many years, and during Homecoming in 1958, freshmen paraded Rosie through downtown Terre Haute with a police escort.

The 1975 Rosie float was a life-like creation dubbed the best Rosie "ever seen at these hallowed grounds of Rose," according to yearbook reports. Other floats showcased student creativity by spraying water from Rosie's trunk, and wagging the elephant's tail.

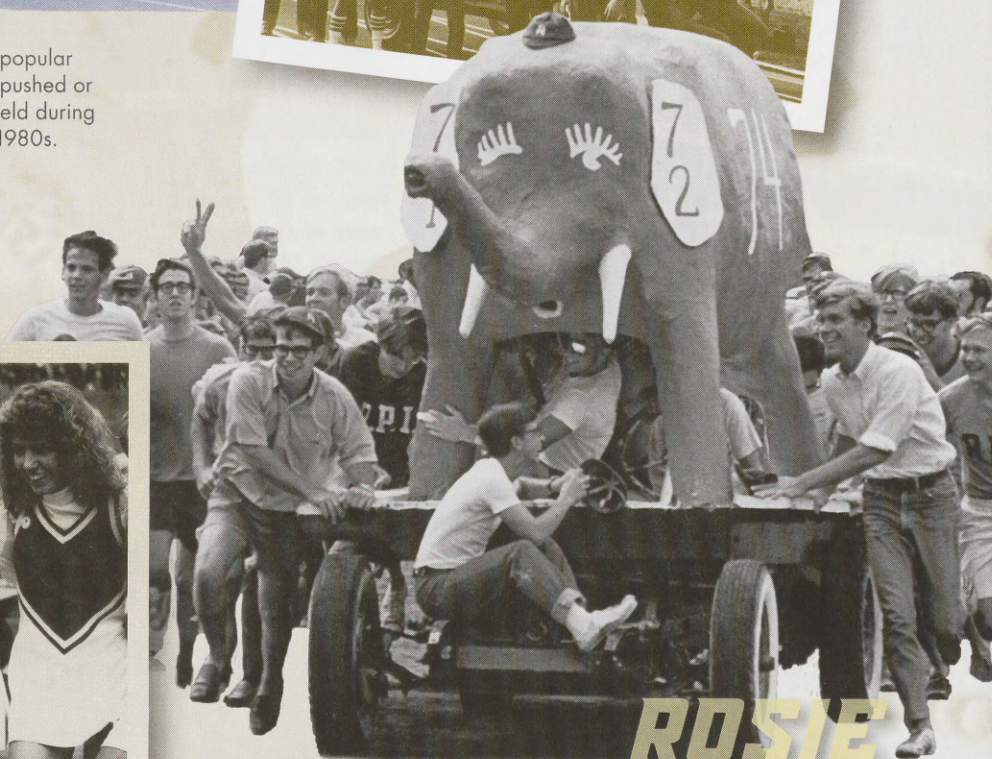




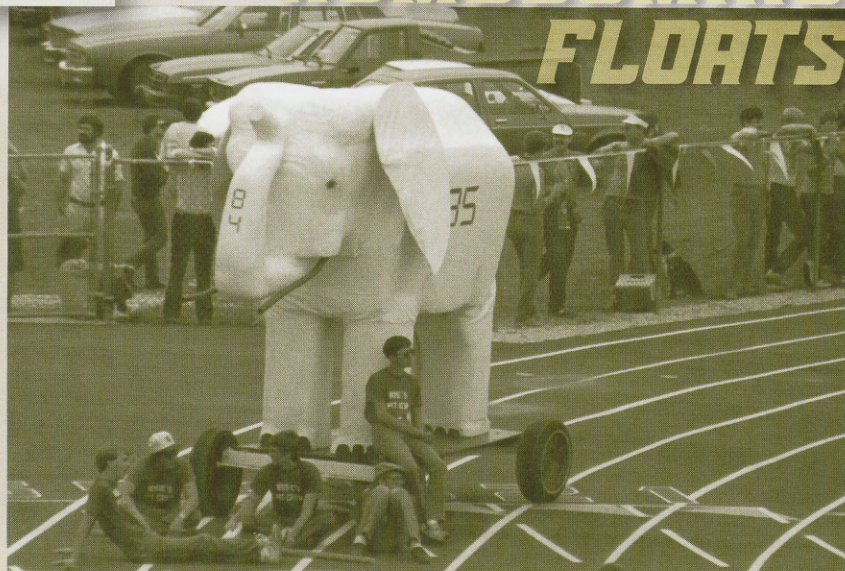
Floats of many shapes and sizes were a popular feature of Homecoming activities, being pushed or pulled by freshmen around the football field during halftime. This practice ended in the late 1980s.



The legendary Phil Brown (above) is our all-time winningest football coach, with 99 career victories. He also coached the only two undefeated seasons in Rose-Hulman football history (7-0 in 1941 and 8-0 in 1958), was named All-American Coach in 1930 by the *Cincinnati Enquirer*, and was inducted into the Indiana Football Hall of Fame in 1985. He was a member of the Rose-Hulman Athletic Hall of Fame's inaugural class, and the football field was named in his honor in 1969.



## ROSIE HOMECOMING FLOATS





# Engineered Shenanigans

Campus has seen its share of pranksters over the years, perhaps none more notorious than Clark Pentico (AO, '90), whose hijinks were well-documented thanks to his role as editor-in-chief of the *Rose Thorn*. Two of his most famous pranks were, in fact, executed as payback for tricks played on him.

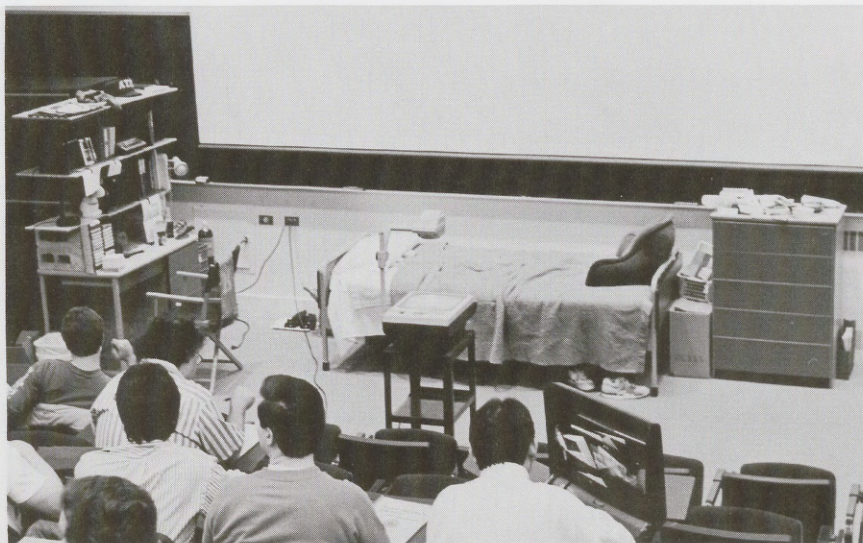


Photo courtesy Clark Pentico

In one instance, Pentico and friends removed the contents of the perpetrator's room and set it up in a lecture hall (above) exactly as they'd found it. "His books were in the same order. His stereo was plugged in. We even set his alarm clock." When the first class assembled the following Monday, the professor reportedly gave his entire lecture from atop the bed.

In 1989, Pentico and crew wedged a victim's car through the door in the Moench Commons, (right) a feat that required both planning and hand tools. "It was determined that if the car's side-view mirrors were removed there would be about two inches on each side for clearance. Once the car was in place the mirrors were reattached."

Soon after the college was relocated to its present location, with its two campus ponds, students began "laking" classmates to celebrate birthdays and other special occasions, or just part of hijinks to relieve the stress of their classes.

## FOND MEMORIES OF 'LAKING'

A plunge into Speed Lake at the hands of others has been part of the campus hijinks for as long as there have been jokesters on campus--or at least as far back as anyone can remember.

"Laking was such an institution that [rather than attempt to forbid it] they just set an official season for it," recalls alumnus Bob Bagby (ME, '80), with a chuckle.

These days, says Vice President for Student Affairs Erik Hayes, laking is not as common. But, he adds, "If it is your birthday, you had better watch out regardless of what time of year it is."





Freshmen from Deming 2 spent months gathering hot sauce during their Taco Bell runs before filling Resident Assistant Walt Flood's (CE, '03) Jeep with more than 60,000 packets. Afterward, they held a contest inviting students to pay a dollar to guess the total number. Half of the proceeds went to the winner and half to charity.



Clark Pentico (front) and crew with the car they spirited into Moench Commons. A less-incriminating photo, absent the perpetrators, ran in the *Rose Thorn* the following week. (Photo courtesy Clark Pentico)





# Fashion Statements

**A**s a boy growing up in Terre Haute, Larry Thomas always admired Rose-Hulman students whom he saw in the Terre Haute community. They stood out among others, wearing t-shirts, and with chemical burns on their blue jeans.

"That was the 'Dress Code of the Day' for those students. I wanted to be one of them," he says.

That became a reality when Thomas arrived on campus, and eventually earned a bachelor's degree in chemical engineering in 1957. He went on to have a successful career in engineering and marketing for the plastics industry.

SHOOT!!!  
GEE WHIZ



Drafting tools, protractors, and mechanical pencils were important items used by students for more than a century, when the term "hands-on education" had different meaning.

Other fashion statements have helped identify Rose-Hulman students within the community. Overalls with a special pocket along the side hems contained slide rules, which students used on campus for more than a century to solve math problems and figure roots, logarithms, and trigonometry.

The slide rule was replaced in the mid-1970s by electronic calculators, which

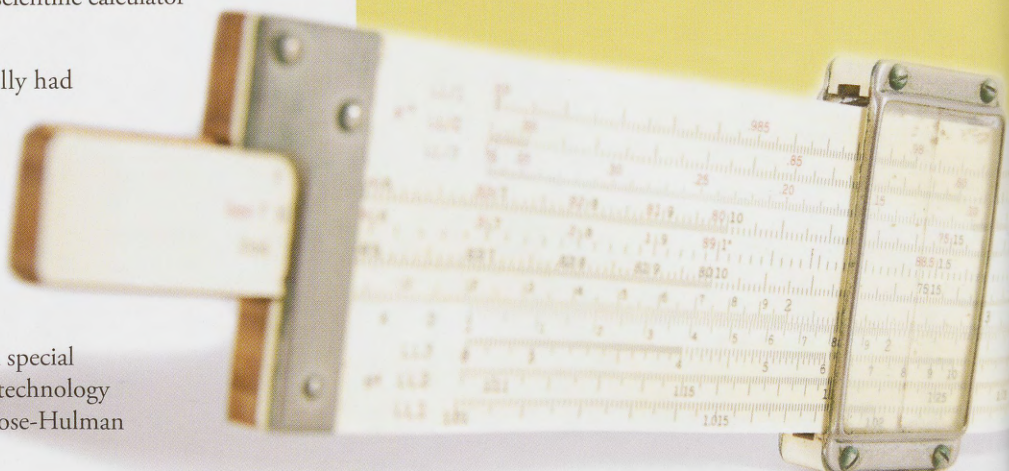
offered more precise and long-form

calculations. As calculator prices declined and functionality increased, the slide rule's fate was sealed. By 1975, basic four-function electronic calculators could be purchased for less than \$50, and Texas Instruments changed the course of engineering by introducing the TI-30 scientific calculator in 1976 for less than \$25.

"Students with their own TI-30 calculators really had something in cutting-edge technology at that time," says Chuck Sigman (CHE, 1980).

At this same time, the institute's computer system began to grow at a Moore's Law pace, and by 1986 every faculty member had a desktop computer, which cost approximately \$5,000. In 1995, each student had a notebook-sized personal computer and a special backpack to carry it to classes—creating a new technology fashion statement that once again designated Rose-Hulman students within the community.

"TOMMY" AT THE FRONT!



Before calculators became commonplace, students used the slide rule to figure roots, logarithms, and trigonometry. Slide rules are now a cherished keepsake for several alumni.





# Rose Show Had a Glorious Past

**The Rose Show was a biennial spectacle attracting thousands of visitors to the Rose-Hulman campus in the 13 years leading to World War II.**

Beginning in 1928 and taking place every other year through 1940, students and faculty displayed hundreds of exhibits designed to show the latest wonders in engineering and science. Admission for the 1932 show was 25 cents and the crowd was estimated at around 6,000. In those early years, the show lasted three consecutive days. In at least one year, classes were suspended for the week of the show.



By 1934, the show was entirely organized by students, with faculty acting only as advisors. That year the show, which attracted about 7,000 spectators, included exhibits on model airplanes, Army parachutes, water works, a popcorn machine, automatic telephones, a vacuum tube display, and the new technology of television, to name only a few. There were hundreds of displays and each academic department was well represented along with student clubs and organizations.

The Rose Show, on a smaller scale, returned in the 1970s and continued annually into the early 2000s, this time sponsored by the Blue Key National Honor Fraternity.



The American Society of Civil Engineers' balsa wood bridge contest was a regular Rose Show feature throughout the 1970s and 1980s.



# Freshman Beanies Build a Special Bond



The Freshman Beanie was special for Rose-Hulman alumni, worn at class reunions and other Homecoming festivities. The green beanie featured each student's graduation year.



The Beanie Battle, conducted before Thanksgiving break, determined to the sophomore class if the incoming freshmen were worthy of wearing their beanies until Christmas.

**G**enerations of Rose-Hulman freshmen topped their heads with a distinctive green beanie—a symbol of a rite of passage and a lifelong token of the special bond among alumni.

"It is custom for freshmen at Rose to wear skull caps during the whole of the freshman year to distinguish them from the more learned Engineers..." the 1922-23 student handbook explained. "The caps must be worn, both on the campus and about town, from sun-up to sundown, on all days except Sundays. It is very unsafe to bring any other caps about the institute grounds. Any freshmen violating this green-cap rule will be subject to severe discipline at the hands of the upperclassmen."

Beanies were presented during new student orientation, and became a competitive force between members of the freshman and sophomore classes at the Beanie Battle conducted before Thanksgiving break. The 1958 *Modulus* yearbook explains that a series of games determined if the new students were worthy of wearing their beanies until Christmas.

When the beanies were discontinued after the fall of 1969, tug-of-war contests became an annual competition between freshmen living in campus residence halls.

Students still compete in tug-of-war battles as part of annual Hallympics and Greek Games competitions—continuing a tradition that started with battles across campus lakes.







## RoseWood Couples

**Blind dates, first dances, and fraternity parties are among the many occasions bringing together Rose-Hulman and Saint Mary-of-the-Woods College (SMWC) alumni in wedded bliss for decades.**

It was fate that Richard Payonk (CHE, '86) would meet and eventually marry, Kymberli Huet, a 1986 SMWC alumna. His mother had attended SMWC in the early 1940s and always admired the young women pictured in the college's alumnae magazine.

"Mom sat me down one day and said I should marry one of the 'fine young girls' pictured in the magazine," he says.

Little did Mom know that Richard had been dating one of the smiling faces, after meeting at a fraternity all-night basketball tournament. They have been married more than 25 years.

"Mom was always right," says Richard.

A blind date in 1974 to attend Indiana State University's Homecoming parade brought together James and Judy Tribble. Then, they drove to Bloomington to watch an Indiana University football game, had dinner, and returned to Terre Haute for the ISU Homecoming show, featuring Frankie Valli and the Four Seasons.

"It might have been the longest blind date on record," recalls James (CHE, '76).

The couple was engaged in 1976, just before a return concert by Valli to Terre Haute, and married on August 6, 1977. A variety of job changes brought them back to the Wabash Valley in 1979, and Judy is now the library director at SMWC. They can be found in the stands rooting for both sides at women's basketball games between the two colleges.

Several of these couples gather each fall for a special RoseWood couples brunch, organized by the Office of Alumni Affairs as part of Homecoming festivities. For more event information visit [rocestem.rose-hulman.edu](http://rocestem.rose-hulman.edu).

Another blind date brought together Stan Mickey (ME, '71) and his wife, Trudy, a SMWC alumna.

"My roommate asked me to go out with Stan that night," recalls Trudy "So, I came down the stairs and said, 'I'm your



James A. Brewer (CS, '05) and his wife, 2006 Saint Mary-of-the-Woods College alumna Mary Margaret (Moffett), are among the hundreds of married couples that met at social and athletic events on each campus. These marriages have resulted in several legacies for both colleges.

date for the night. If that isn't going to work for you, just let me know. I'll go back upstairs."

It worked for Stan.

"He went home that night and told his mother he met the girl he's going to marry," she remarks.

The couple was married two years later in a small chapel in Saint Mary-of-the-Woods, Indiana. The union has produced three children. Their son, Jeffery, is a 1985 Rose-Hulman graduate, while a daughter is a SMWC alumna. Stan and Trudy regularly make the eight-hour drive from their home in Cortland, Ohio, to visit their alma maters.

"To us, it's like coming home...This is our base," Trudy says.



# Gridiron Glory

**R**ose-Hulman has a proud and successful history on the football gridiron, with celebrated players, championship teams, and legendary coaches. This fall will be the 119th season in which the institute has had a football team.

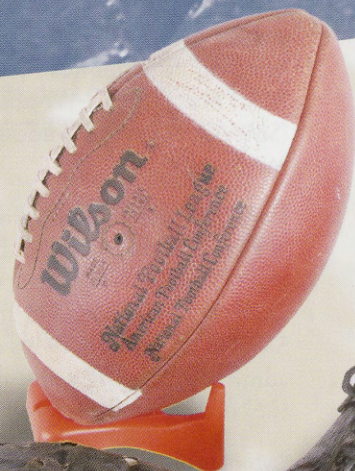
This heritage has produced two undefeated seasons (1941 and 1958), and three glorious stretches by remarkable teams. The Fightin' Engineers lost only one game from 1941-42, and averaged 63 points during a three-game stretch in the fall of 1942. Those teams were led by Little College Player of the Year Eddie McGovern, who led the nation in scoring with 165 points over six games in 1942.

The undefeated 1958 team outscored its eight opponents by a combined 270-31 points, including a 78-6 victory over Eureka College of Illinois. Success for this Phil Brown-coached team wasn't surprising since the 1957 team had a 7-1 record. The star of these teams was All-American Carl "Rocky" Herakovich (CE, '59), who led the nation in scoring (168 points) and averaged 7.2 yards per carry in 1958.

Another remarkable stretch came in the late 1980s when the Fightin' Engineers won 25 of 30 games from 1986-88, including a 9-1 record in 1987 (a season-ending loss kept the team going undefeated). Rose-Hulman has had 18 All-American football players, including first-team selections McGovern, Herakovich, Gary Ellis (1977), Nick Willing (1978), Grant Sharp (1984), and Todd Holthaus (1992).



Carl "Rocky" Herakovich



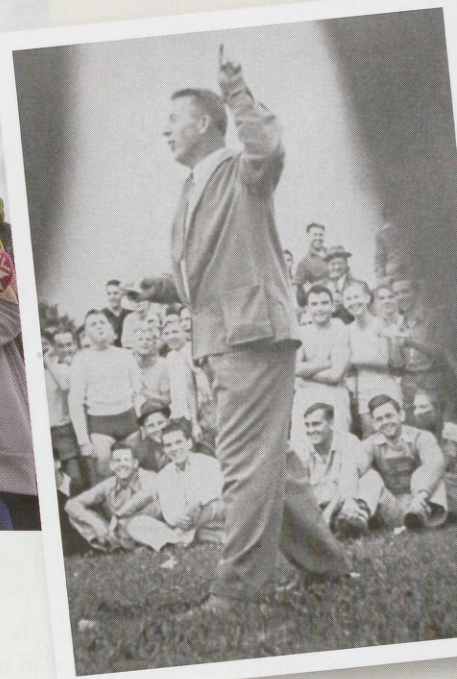
Gridiron battles against Indiana and Midwest colleges have been an important part of each year's Homecoming festivities. This year marks the 119th season that Rose-Hulman has fielded a football team.







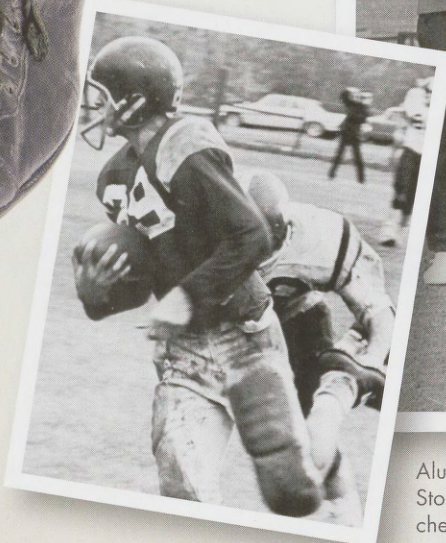
Students root for their classmates on the football field each fall during the annual Homecoming game at Cook Stadium. As a NCAA Division III athletic institution, all of our student-athletes play without the benefit of athletic scholarships.



## GUZZY GIZZARD



Rose-Hulman has had 18 All-American football players, and had two undefeated seasons (1941 and 1958).



Alumni cheer team member Ronald G. Gesell (MA, '66), second from right, returned annually from Stone Mountain, Georgia, to join the current cheerleaders to lead the crowd in a variety of special cheers. Ron died in 2014, and Homecoming has not been the same without him.



# Blazing Tradition



**A**lumni and current students come together each fall to share in one of Rose-Hulman's most honored traditions: the homecoming bonfire.

The 25-foot-tall wooden structure is constructed by students with one goal in mind: having the outhouse that adorns the bonfire fall through the center, a premonition of a football team victory in the Homecoming game.

"The Homecoming bonfire bonds our past with our future. It is the signature event of each homecoming," says Vice President of Student Affairs Erik Hayes (ME, '97/MSME, '01), a former freshman class advisor who organized student groups to design and construct the bonfire.

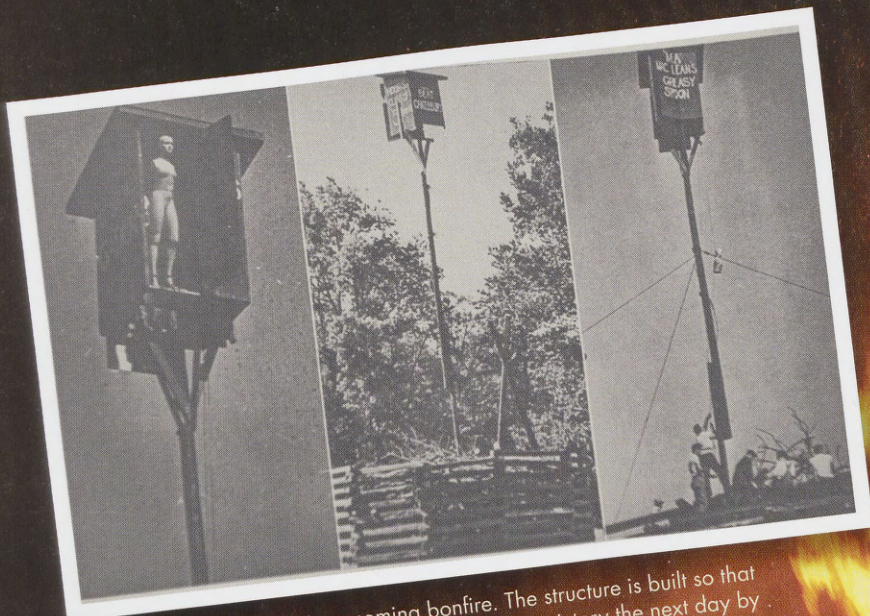
The first bonfire was built for homecoming in the early 1920s, and the outhouse tradition was added in the 1940s. Another tradition had freshmen joining together to build the bonfire during homecoming week, and guarding it against attacks from upperclass students. However, there has been more team spirit among the student body in building the bonfire in recent years. "Students know how important the bonfire is to Rose-Hulman and its alumni," says Hayes.



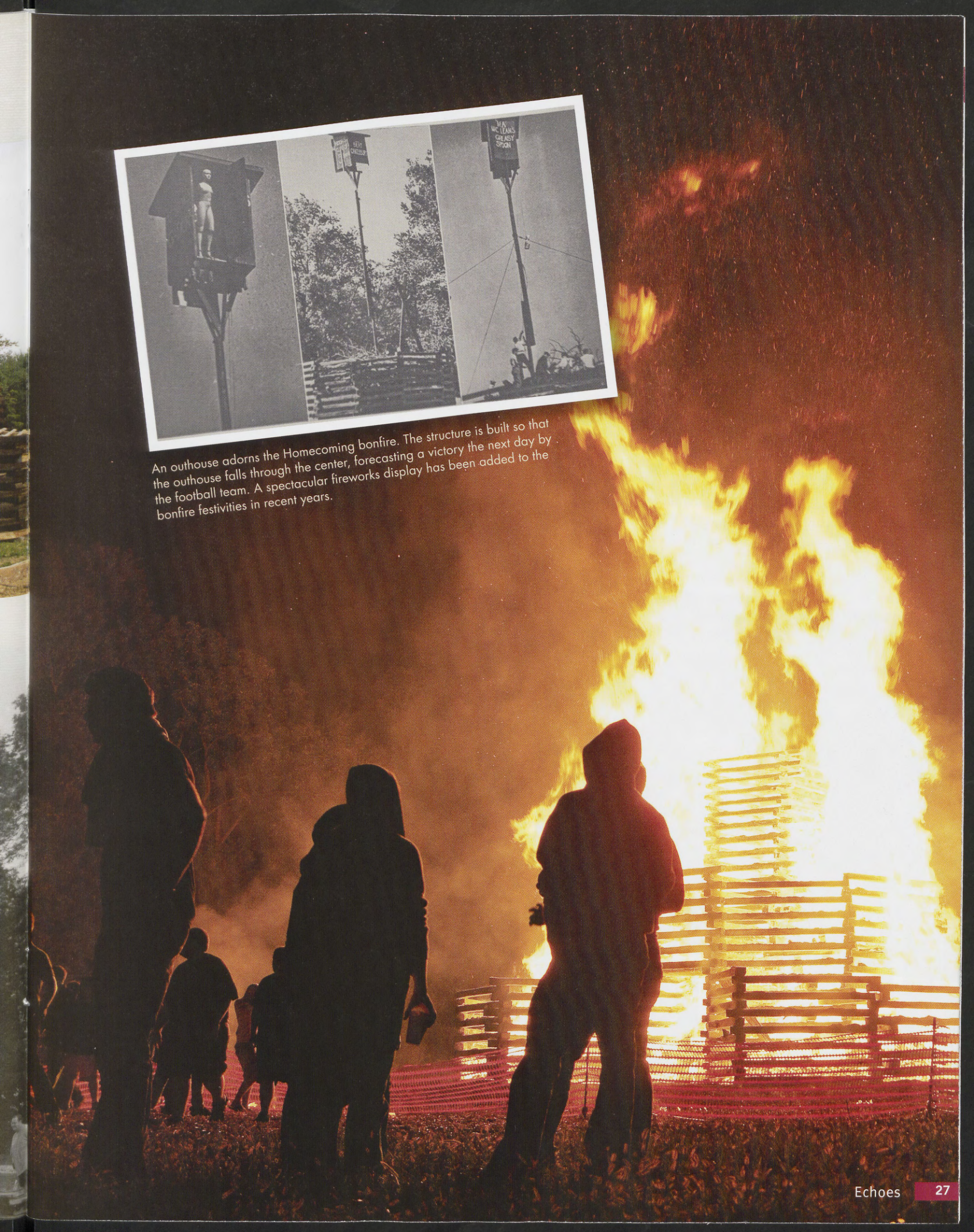
The Homecoming bonfire was once designed and constructed entirely by freshmen, but is now an activity involving members of the entire student body.







An outhouse adorns the Homecoming bonfire. The structure is built so that the outhouse falls through the center, forecasting a victory the next day by the football team. A spectacular fireworks display has been added to the bonfire festivities in recent years.





# Changing with the Times

**Throughout its 141-year history, Rose-Hulman has been committed to providing the finest possible liberal education in engineering, science, and mathematics.**

This purpose reflects the character and philosophy of its founder, Chauncey Rose, whom we honor with a special day each September. This pioneering entrepreneur moved to western Indiana in 1817 from Connecticut, and through hard work and dedication made himself a successful businessman, railroad builder, and the leading citizen and philanthropist of Terre Haute.

Change has been a constant in the institute's tradition. The college, Rose Polytechnic Institute, moved from its original site at the corner of

13th and Locust streets in Terre Haute to its present location, 123 acres of land donated by the Hulman family. The college's name was changed to Rose-Hulman Institute of Technology in 1971, recognizing the family's many contributions.

The institute's student body has expanded and diversified to meet America's needs for high-quality engineers, scientists, and mathematicians.

From 1900 into the 1940s enrollment remained between 300 and 400 students. A goal to increase the student body to 1,000 was achieved in 1969, and there was continued growth throughout the next 40 years. Enrollment now slightly exceeds 2,000 students from throughout the world.

Rose-Hulman's leadership role in higher education has been demonstrated time and again. The institute was the first college in the country to confer a degree in chemical engineering;



Chauncey Rose

the physics department was one of the first to offer a degree in applied optics; the computer science program increased its emphasis on software engineering; and the computer engineering degree has been added to the curriculum. Another major change came when women were admitted to the institute in 1995.

Rose-Hulman's landscape has changed remarkably throughout the years, reflecting its growing enrollment and stature as a leader in undergraduate science, engineering, and mathematics education. The latest aerial photograph (below) was taken last fall, following completion of a perimeter road on the west side of campus.



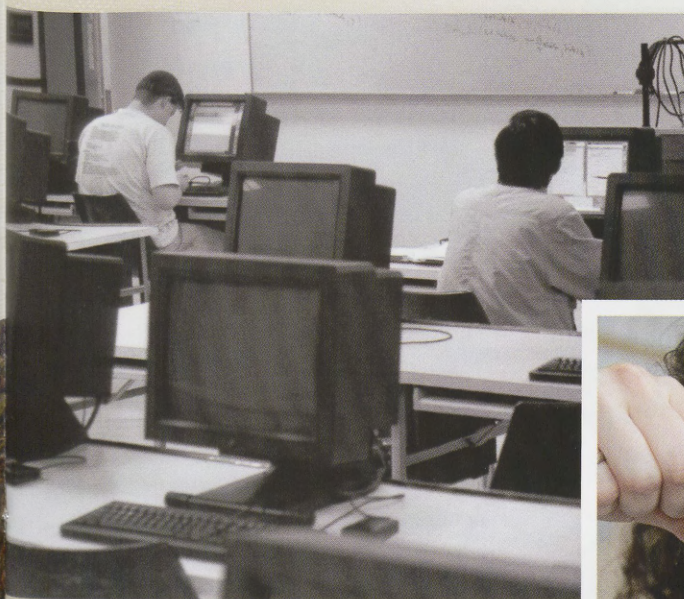
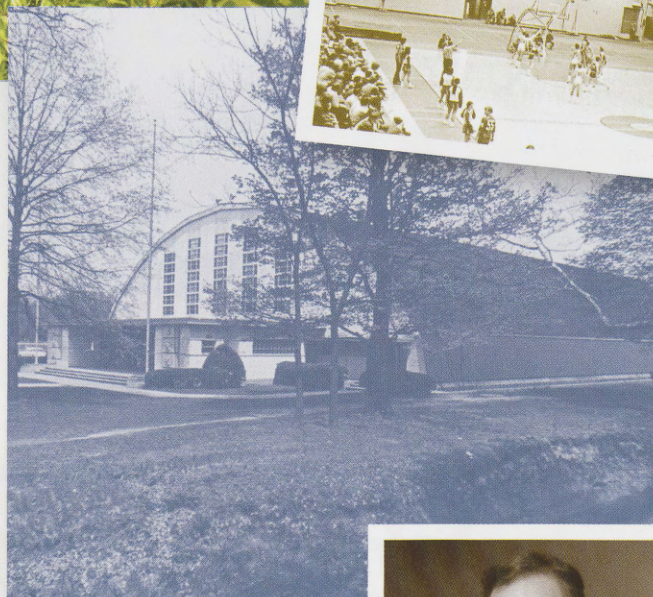




Over the years, athletics, intramurals, commencements, and other special events have been hosted in three campus facilities: a gymnasium atop the north end of Moench Hall; Shook Fieldhouse (below), a war-surplus B-29 hanger; and the Sports and Recreation Center (left), with its swimming pool, basketball arena, indoor track, and intramural and health/wellness areas.



Rose-Hulman was one of the first entities to implement Steve Jobs' NeXT computer workstations (below) into the math classrooms of Crapo Hall in the late 1980s. The institute was also one of the first colleges to integrate computer-assisted mathematics software into the classroom, and assign laptop computers for its students' academic use.



The institute is celebrating the 20th anniversary of coeducation this year. Female students have made a significant impact throughout campus, having leadership roles in student organizations, earning All-American athletic honors, and contributing to the vibrancy of campus.

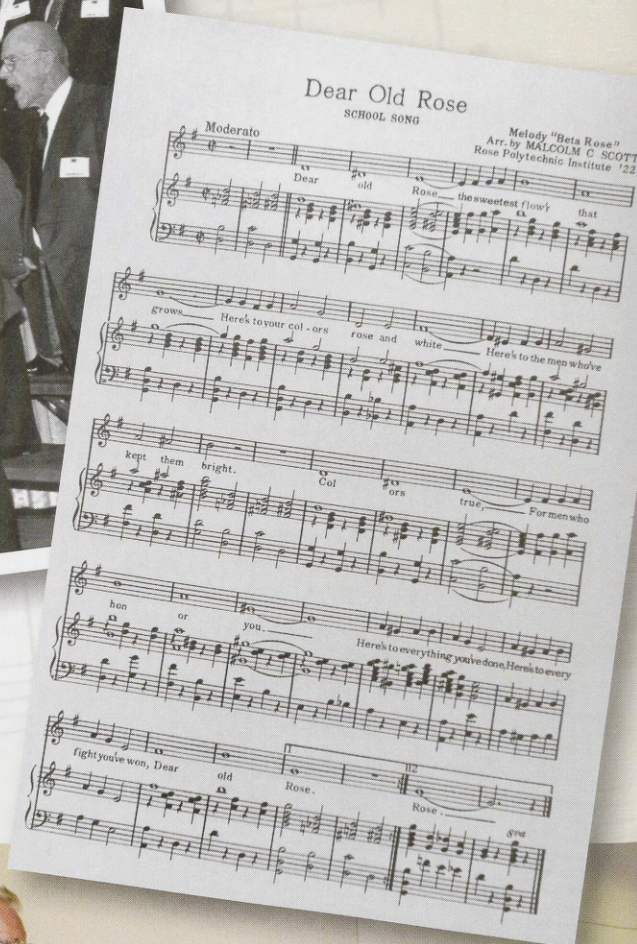


Rose-Hulman has had several iconic educators throughout the years. Herman Moench, a 1929 alumnus, was an inspiration to engineers as a teacher and administrator for more than 50 years.



# Dear Old Rose

Members of each year's 50-year reunion class sing the school song "Dear Old Rose" at Homecoming as part of their induction into the Alumni Association's 50-Plus Club.



**S**inging "Dear Old Rose" is a tradition honored by the 50-year reunion class during Homecoming and at Commencement.

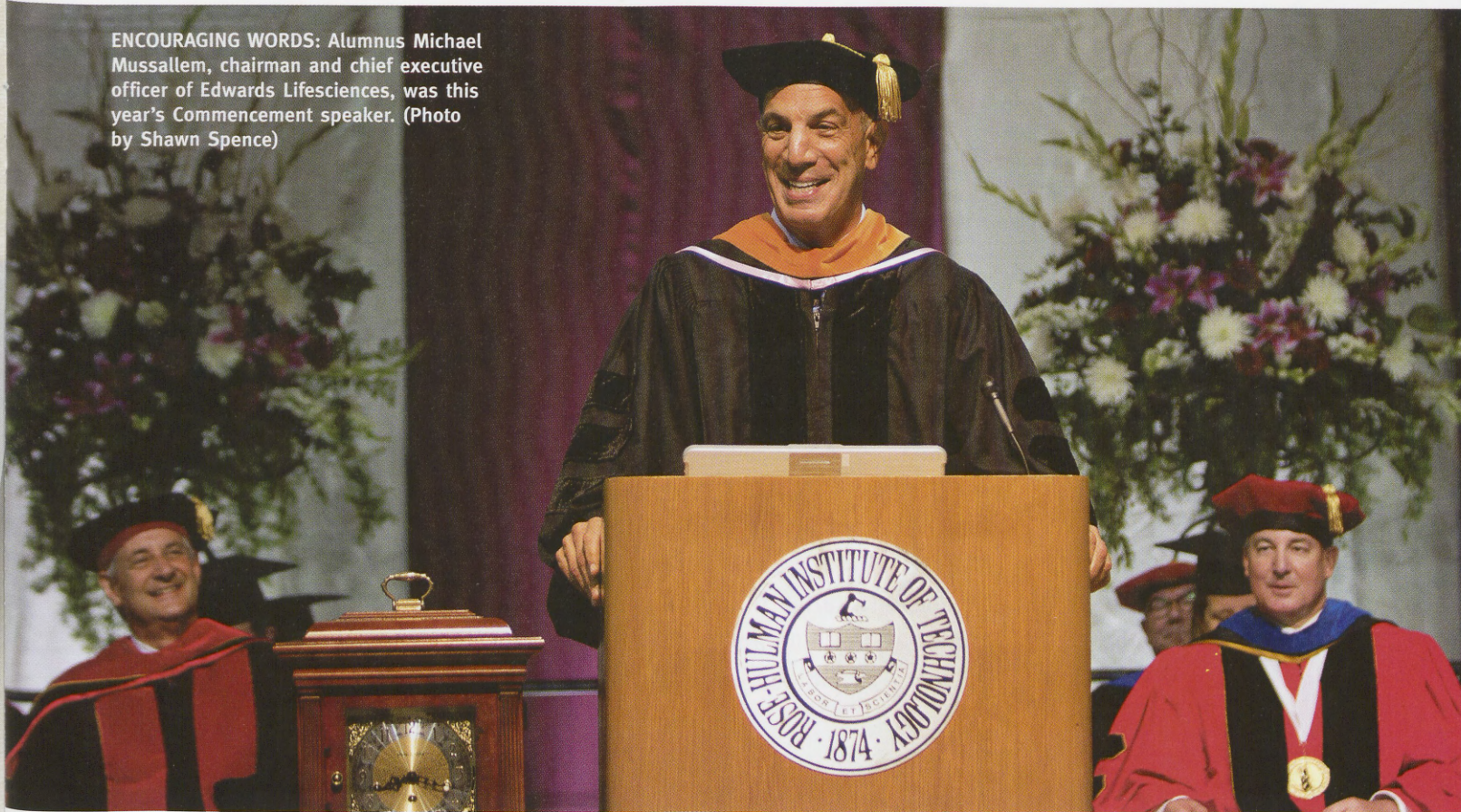
Music for the song was arranged in 1921 by Malcolm C. Scott, a 1922 Rose-Hulman chemical engineering graduate best known for writing the oft-recorded tune, "I'm Gonna Float My Boat Right Back to Terre Haute."

DEAR OLD ROSE,  
THE SWEETEST FLOW'R THAT GROWS  
HERE'S TO YOUR COLORS ROSE AND WHITE.  
HERE'S TO THOSE WHO'VE KEPT THEM BRIGHT.  
COLORS TRUE, FOR THOSE WHO HONOR YOU.  
HERE'S TO EVERYTHING YOU'VE DONE.  
HERE'S TO EVERY FIGHT YOU'VE WON.  
DEAR OLD ROSE.





ENCOURAGING WORDS: Alumnus Michael Mussallem, chairman and chief executive officer of Edwards Lifesciences, was this year's Commencement speaker. (Photo by Shawn Spence)



# NEW BEGINNINGS

Health Care Industry Leader Tells Class of 2015 to Press Reset Button, Dream Big

The bachelor's and master's degrees awarded to the Class of 2015 will open the door to future success—for the graduates and the institute.

That's the advice passed along by Commencement Speaker Michael Mussallem (CHE, 1974), chairman and chief executive officer of Edwards Lifesciences during Rose-Hulman's 137th commencement.

"The future is what matters. And, what I'm asking you all to do today is press the reset button, embrace that chance to start again and approach it with a commitment to reach for unexpected results, the courage to admit your inevitable failures, and to do so with a promise to never stop learning,"

**"I can promise you that if you use what you learned at Rose-Hulman as a springboard for your future, and embrace lifelong learning at this moment with passion, it will change your career—and your life, and maybe the lives of others."**

—Michael Mussallem (CHE, 1974)  
Chairman/CEO, Edwards Lifesciences

Mussallem told the 459 members of Rose-Hulman's Class of 2015. "Your diploma opens the door. It gives you the credibility, and you proved you can learn... Learning is about opening up your mind and taking in new ideas and perspectives from others, taking a risk to think differently, and knowing that you might be wrong."

Mussallem continued, "I can promise you that if you use what you learned at Rose-Hulman as a springboard for your future, and embrace lifelong learning at this moment with passion, it will change your career—and your life, and maybe the lives of others."

From his hometown of Gary, Indiana, Mussallem worked in the region's steel



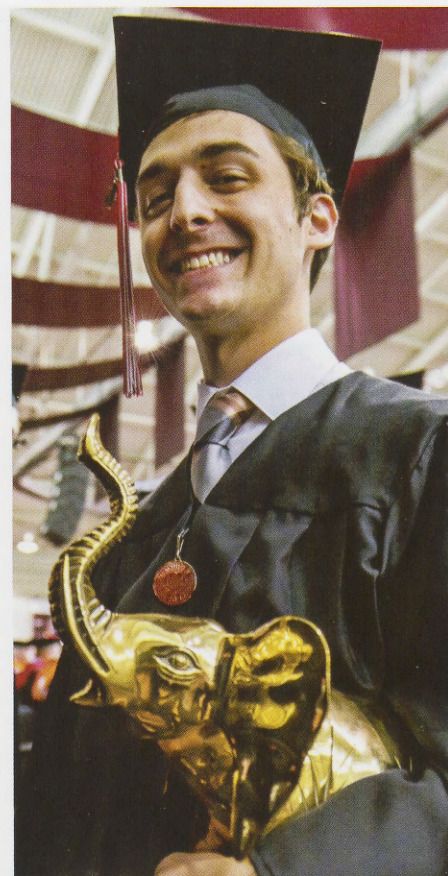
## COMMENCEMENT MEMORIES

mills, had other jobs, and took out student loans to attend Rose-Hulman. After graduating, he embarked on making a difference in the health care field. He had a variety of management roles at Baxter International Inc. from 1979 until 2000, when he became chairman and chief executive officer of Edwards Lifesciences, a California-based company that specializes in medical device innovations.

In his position, Mussallem has had the opportunity to discuss health care matters with four presidents of the United States, appear before groups of physicians throughout the world, meet foreign heads of state and celebrities, and testify before Congress on the importance of medtech innovation.

"I'm here to tell you that you can change the world," Mussallem told the graduates. "Dream big. Change and adapt. When you face adversity, rather than putting your head down, keep your head up, go after it, and find a way through. Learn, face new challenges with clear eyes—and then learn more."

Rose-Hulman presented honorary doctorate of engineering degrees to Indiana corporate leaders Carl A. Cook, chief executive officer of Bloomington, Indiana-based Cook Group Inc., and Terre Haute business leader Thomas T. Dinkel (ME, '72). Both are members of Rose-Hulman's board of trustees. ■



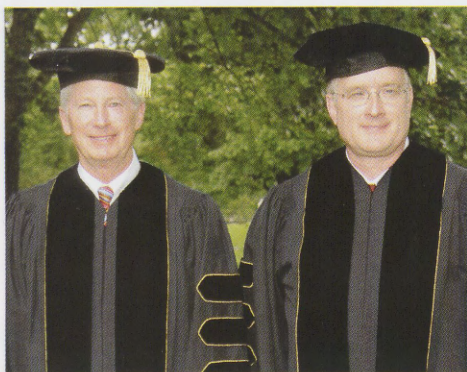
"I'm here to tell you that you can change the world...Dream big. Change and adapt. When you face adversity, rather than putting your head down, keep your head up, go after it, and find a way through. Learn, face new challenges with clear eyes—and then learn more."

—Michael Mussallem (CHE, 1974)  
Chairman/CEO, Edwards Lifesciences



**SPECIAL TIMES:** Nate Montgomery (top, right) clutches the brass elephant that was his good luck charm during his four years at Rose-Hulman. Faculty members congratulate the class of 2015 during their commencement day procession through campus.





**HONORED GRADS:** Abby Schendt (top) earned degrees in physics, optical engineering, and engineering physics, while trustees Thomas Dinkel (bottom left) and Carl A. Cook received honorary degrees.

## SPECIAL AWARDS

Special awards presented to graduates, faculty, and staff members were:

**Erin R. Campbell** (BE), Herman A. Moench Outstanding Senior Commendation

**Thomas P. Foulkes** (EE) John T. Royse Award for all-around student success, and Heminway Gold Medal for having the top graduating grade-point average (perfect 4.0)

**Matthew R. Billingsley** (CHE/MA), Heminway Gold Medal

**Dylan L. Sturgeon** (SE), Heminway Gold Medal

**Melissa Montgomery** (BE/ME, '13; MSBE), Outstanding Graduate Thesis Award

**John Aidoo**, PhD, associate professor of civil engineering, Dean's Outstanding Teacher Award

**Allen Holder**, PhD, professor of mathematics, Board of Trustees' Outstanding Scholar Award

**Karen DeGrange**, director of international student services and disability services, President's Outstanding Service Award ■



Campbell



Foulkes



Billingsley



Sturgeon



Montgomery



Aidoo



Holder



DeGrange



**MILITARY HONORS:** Before receiving her mechanical engineering degree, Kathleen Boyce was commissioned as an Army officer by her parents in a special White Chapel ceremony. (Photo by Bryan Cantwell)



**FREESCALE CUP COMPETITOR:** Mechanical engineering student Erin Scully showcases the autonomous model car she helped build for this year's Freescale Cup.



## TEAMS EXPLORE NEW DEPTHS TO MEET CHALLENGES

Story by Arthur Foulkes; Photos by Bryan Cantwell and Shawn Spence

From paddling a concrete canoe across a lake to cutting sharp figure eights in a race car on a superspeedway, Rose-Hulman competition teams enjoyed success during the 2014-15 school year.

In chilly northeast Canada, the underwater robotics team conquered thick ice and strong underwater currents to earn seventh-place honors from a field of more than 30 teams—its first time to qualify for the international finals.

"It basically took us three years to get there," says Joe Schornak, a senior mechanical engineering major and project manager for the team.

The team's remotely operated vehicle had to navigate through a hole in a thick wall of ice to take biological samples on the

other side, repair an underwater pipeline, and inspect electrical grounding on the legs of an oil production platform.

Ensuring sensor data traveled from the vehicle to pilots on the surface, and keeping the robot's electronics dry were among the project's design challenges.

"Electronics really don't like water," Schornak says. "And, everything has to work perfectly."

Also this year, Rose-Hulman made its debut in the Freescale Cup competition, with two small, autonomous model cars programmed to race around an indoor track in the eastern regional at Rochester, New York. The teams placed sixth and



seventh among more than two dozen teams, and is looking forward to qualifying for the international competition next year.

"Both [Rose-Hulman] teams had one of the few cars that were able to complete the track, which was extremely exciting and satisfying," says mechanical engineering student Erin Scully.

Meanwhile, the Human Powered Vehicle (HPV) team once again topped the field of the American Society of Mechanical Engineers annual competition, with the sleek, aerodynamic vehicle capturing first in the west coast regional in San Jose, California, and fourth in the east coast regional in Gainesville, Florida. The team, which creates a new vehicle each year, has won 12 of the past 15 regionals.

Also on the track, Rose Grand Prix Engineering (RoseGPE) took more strides forward. The team's latest creation finished ninth in the intense figure eight "skid pad" event and placed well in most other categories among 110 teams competing at the Michigan International Speedway this spring. RoseGPE team members believe this year's car was the best they've constructed, and setting the tone for greater success next racing season.

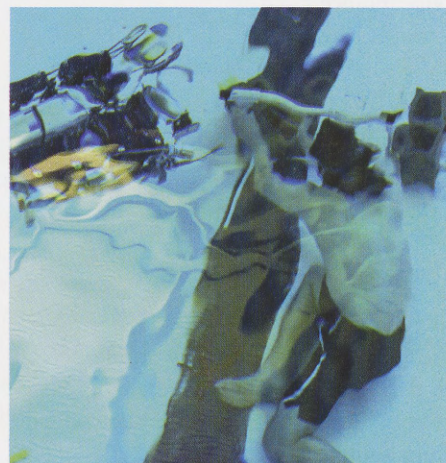
Other featured competition team finishes were:

- The concrete canoe team's patriotic USS Freedom canoe finished fifth among 18 colleges in the American Society of Civil Engineers' (ASCE) Great Lakes regional. More importantly, the canoe returned to campus in one piece, a major advance over past efforts.

- The Chem-E-Car team finished a strong seventh out of 16 teams at the American Institute of Chemical Engineers regional.
- The efficient vehicle team's ethanol-burning vehicle averaged 586 mpg at the annual Shell Eco-marathon Americas challenge across downtown Detroit streets.
- The steel bridge team tied for eighth out of 16 teams in its ASCE regional division when judged on aesthetics, construction time, and lateral and vertical load resistance.
- Team Rose Motorsports focused this season on rebuilding its Porsche with an eye toward the 2015-16 season. Several team members worked on installing a new engine in the racer, while others made improvements to the team's Ford Mustang and a BMW sedan.
- The combat robotics team gained valuable experience by battling in the Central Illinois Robotics Club competition. Its three-pound robot was basically indestructible, but suffered an electronics failure, keeping it from a victory. A new electronic system has been purchased for next year.
- The Design, Build, Fly team's plane was capable of dropping 12-inch plastic balls from the sky, and the team is eagerly waiting for next year's American Institute of Aeronautics and Astronautics competition. ■

*Arthur Foulkes is a writer for the Office of Communications and Marketing.*

**OFF TO THE RACES:** Student competition teams excelled on the track and in the water this year.





## GRADS GAIN START-UP EXPERIENCE AT EUROPEAN INNOVATION ACADEMY

Story by Stacey Muncie

**CREATIVE IDEAS:** Ian Fong (ME, '15) helped the student team and faculty members exchange project ideas off campus to get ready for this summer's European Innovation Academy. (Photo by Bryan Cantwell)



It isn't often that freshly minted graduates have the opportunity to take a product idea from conception in the classroom to market, but that's exactly the experience a group of students had at the European Innovation Academy this summer in Nice, France.

Kayla Brosie (EE, '15), Ian Fong (ME, '15), Felix Winkleman (MSEM, '15), and Yashi Yadav (CPE, '15) joined Professor of Practice in Entrepreneurship Grant Hoffman (ME, '03/MSEM, '04) and Department of Engineering Management Head Craig Downing, PhD, for the 15-day intensive program, billed as the "world's largest extreme accelerator focused on IT innovations." The program brings together numerous world leaders in technology to serve as speakers and mentors to nearly 600 student contenders from around the globe.

The students attended the summit as the culmination of Hoffman's Global Entrepreneurism course, which is based on concepts outlined in the book *The Lean Startup: How Today's Entrepreneurs Use Continuous Innovation to Create Radically Successful Business*.

The team created Navia Travel, an application designed to provide a connection between a travel agency and traveler, which enables them to collaborate and coordinate travel plans. Hoffman says the participants came away with more than technical and business knowledge. The intense accelerator environment also gave the students an opportunity to learn more about themselves.

When in an immersive three-week experience, working all day and night to create something, the pressure can bring out true personalities, quirks, and

strengths, and that experience is difficult to manufacture—especially, in a classroom environment, Hoffman observes.

Rose-Hulman alumnus Brad Woodcox (ME, '04/MSBE, '09), director of business development and special projects at national intellectual property law firm Novak Druce, was among the academy's presenters. It was Woodcox's suggestion that spurred the Rose-Hulman team's attendance this year. He also served as a mentor to the team in Nice, providing insight and expertise on intellectual property protection for

software and entrepreneurship.

"Having a built-in resource like Brad, an expert in his field, was a wonderful edge that our student team had over almost all of the other 125 teams competing," says Hoffman. "The knowledge gained from Brad, as a trusted insider, was something a faculty member cannot always bring to the team."

"The team grew in self-awareness, interpersonal skills, business acumen, communication skills, the list goes on. For sure, our students left the European Innovation Academy more mature and ready to take the next step in their lives, whether it be in a startup, graduate school, or an established company," he adds. ■

*Stacey Muncie is a writer for the Office of Communications and Marketing.*



## STUDENTS' BRIGHT IDEA STRIVES TO FILL HAITIAN NEED

At first glance, the big solar-powered oven resembles the mammoth-sized rack of ribs that caused Fred Flintstone's car to tip over in the closing credits of the old Hanna-Barbera cartoon.

Its curved surface is bowed away from the sun, creating a shiny, reflective bowl concentrating solar energy onto a single, metal tube running through its center. The heat, reaching more than 360 degrees Fahrenheit at peak times on a sunny day, melts thin plastic refuse into a chewing gum-like substance that can be molded into shingles for construction projects in Haiti, a country in dire need of building products and creative ideas.



**SHINING EXAMPLE:** Graduate student Leigh Mathews from Melbourne, Australia, applies the plastic refuse-based shingles to a test roof on campus. The students' solar oven project will be taken to Haiti this fall for further testing. (Photo by Bryan Cantwell)

"It does the job, that's for sure," says Steven Lawton, a junior mechanical engineering major from Landenberg, Pennsylvania, and one of six students who spent this summer designing and building the massive oven.

The students were part of a Grand Challenges course assigned to address one of 14 global "grand challenges" identified by the National Academy of Engineering. This is the third summer for the course, and this year's project refines a solar oven device created last summer by students.

Grand Challenge students chose to work on the solar oven in order to help people in Haiti, the poorest country in the western hemisphere. Haiti has few resources for building materials, but has plenty of plastic trash lying around, the students discovered in their research. The new, improved solar oven converts the trash into waterproof shingles using nothing but the sun's rays and a little labor. The students designed the oven so that one person can operate it.

"We're really looking forward to seeing how this is received in Haiti," says Leigh Mathews, a graduate engineering student from Melbourne, Australia.

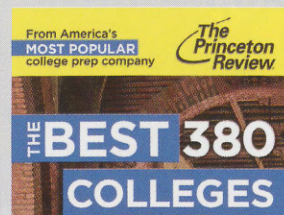
Last year's oven was much taller and used cooking oil to help melt the plastic, leaving the final molded products slippery. This year's design is more compact, easier to maneuver (to follow the sun's path), and keeps the plastic dry.

Also this year, Rose-Hulman has partnered with students from Clemson University's Clemson Engineers for Developing Countries organization to test the oven in Haiti this fall and then report their findings. The oven was designed to be easily assembled and disassembled for shipment to Haiti.

"The people of Haiti haven't even recovered from the [deadly 2010] earthquake," says Lawton, recalling the natural disaster that took the lives of 200,000 people. "Being able to change some of that is just phenomenal." ■

## PRINCETON REVIEW, FISKE GUIDE GIVE HIGH PRAISE

Our national reputation continues to build, with the institute being profiled in The Princeton Review's *The Best 380 Colleges* guidebook, and named one of America's top technical institutes by the *Fiske Guide to Colleges*. Student surveys and aspects of academics, student body, and social life were examined. Former *The New York Times* education editor Edward B. Fiske reported that Rose-Hulman offers "a rare combination of technical education and personal attention."



## FRESHMEN BRING ACADEMIC QUALITY, DIVERSITY

The 2015-16 freshman class continues to raise the bar for academic quality and diversity, with a median 700 SAT math score, and all-time high one-quarter coed population (134 females). Also, there are 15 African-Americans, 26 Asian-Americans, 24 Hispanic-Americans, and 66 international students. Thirty-two states are represented, along with the District of Columbia, and five countries. There are 55 legacies following in the footsteps of a parent, grandparent, brother, or sister.



## SCHOLARSHIP FUND HONORS GUSTAFSONS

Alumni and friends have established a scholarship fund to recognize the contributions of Pete and Donna Gustafson, who retired on June 30 after a combined 76 years of leading student life experiences. It's not too late to contribute to the fund online at [www.rose-hulman.edu/give](http://www.rose-hulman.edu/give) or send a check to the Office of Institutional Advancement, CM 12, Rose-Hulman Institute of Technology, 5500 Wabash Ave., Terre Haute, IN 47803—designating "Gustafson Scholarship" on the check/gift.

## CHERRY ORCHARD BLOOMS TO SHOWCASE RHIT-KIT BOND

A cherry orchard planted on campus in 2012 blossomed this spring to help signify our more than 20-year collaboration with Japan's Kanazawa Institute of Technology. A plaza with 40 Japanese Sakura trees adds beauty to the White Chapel on the west edge of campus. The cherry tree is an exalted flowering plant in Japan, and the cherry blossom symbolizes the evanescence of human life.



**Keep up with what's happening on campus at [rose-hulman.edu](http://rose-hulman.edu)**



## Stopka Blends Several On-the-Job Experiences with Love of Learning

As the 20th century's ideological war between communism and capitalism fades deeper into history, stories like Kris Stopka's become rarer.

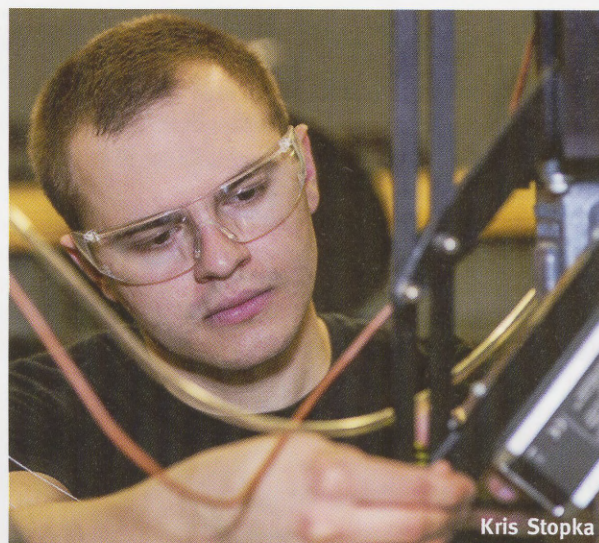
Stopka grew up in southern Poland and was raised by parents who experienced firsthand life behind the Iron Curtain. Not long after the Soviet Union collapsed and Poland became independent from Moscow, Stopka's family moved to the United States, settling in a Polish section of Chicago, and later the suburb of Oak Lawn. That's where he crossed paths with physics teacher Chris Repa (CHE, 1999), who encouraged the student to pursue his engineering ambitions by attending Rose-Hulman. It's advice that has helped shape Stopka's life.

"Kris enjoys learning for its own sake, not because it will eventually lead to more money or an improved career," Repa

says. "He truly appreciates the opportunity that this country and Rose-Hulman have afforded him."

Stopka also lives by a simple motto: Be better today than you were yesterday. That's why the senior mechanical engineering major has completed six internships. Those hands-on experiences have included Tesla Motors and SpaceX in California, and multiple assignments with GE Aviation.

A slight delay in graduation was a small price to pay for all of the valuable internship experiences, he says. And, those internships made him appreciate the opportunity to return to the classroom even more.



Kris Stopka

Attending Rose-Hulman is a "privilege," Stopka says, adding: "Out of all the things that make Rose-Hulman great, it is the dedication and enthusiasm of the professors and staff that have made my experience truly remarkable." ■

## Miller Expands Biotechnology Horizons in MIT Summer Program

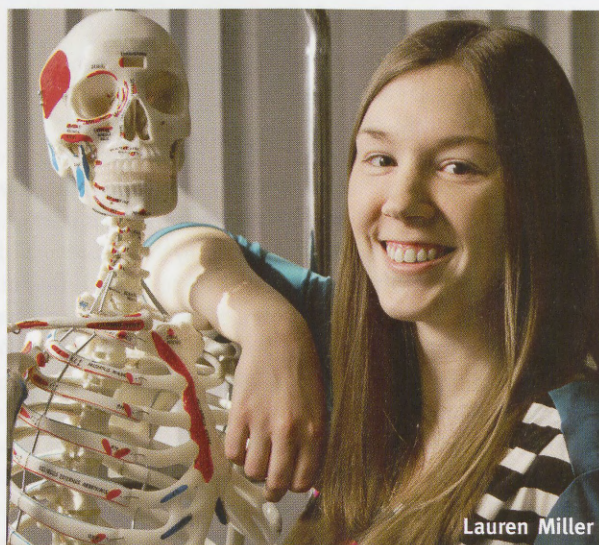
Lauren Miller is a naturally curious student with a drive to solve complex problems and a love for understanding how things work. Those interests were enhanced this summer as she performed cutting-edge research in biotechnology as one of 20 U.S. college students in Massachusetts Institute of Technology's Amgen Scholars program.

The senior biomedical engineering major examined biological gels, such as mucus, and their interactions with pathogens. Specifically, Miller discovered new methods to attenuate the virulence of opportunistic pathogens, especially for antibiotic-resistant bacteria strains—a growing issue in the medical field.

"As fast as we can create new antibiotics, bacteria develop resistances to them," says Miller. "Currently, we're losing the antibiotic race, and there is a very real fear that we may return to a pre-

antibiotic era. Hopefully, our research will highlight the role of mucus in facilitating the maintenance of non-virulent populations of microbes in a healthy human body."

Miller's interests in research developed in biomaterials and tissue engineering courses, several research experiences on campus, and summer internships with Wenzel Spine (Austin, Texas) and Covidien (St. Louis). That background, a perfect 4.0 grade point average, and a lengthy list of campus activities brought her to the top of the candidate pool for the Amgen program, and an honorable mention selection for the 2015 Barry Goldwater Scholarship and Excellence



Lauren Miller

in Education Program. She hopes to obtain a research assistantship and pursue graduate school studies in bioengineering/regenerative medicine, eventually earning a doctoral degree.

"Rose-Hulman has provided me with the tools to succeed in a laboratory environment," she says. ■



## Etters' Campus Research Explores Green Tea's Health Benefits

Green tea has been widely purported to be beneficial for a variety of reasons, even being credited with increased longevity, and an ability to fend off some cancers. Senior biochemistry major/pre-med student Abigail Etters tested the beverage's interaction with breast cancer estrogen receptors as part of a year-long research project on campus.

Etters sought to determine if isolated green tea compounds bind to the receptors, and, if so, how well. Could green tea, she wondered, be used to complement or even replace traditional medicines? Her research was done with guidance from Associate Professor of Chemistry Ross Weatherman, PhD., who has been studying breast cancer for more than 15 years.

Over the past year, Etters discovered

that green tea does have an effect on estrogen receptors.

"These green tea compounds do in fact bind to estrogen receptors to a lesser degree than the common drugs that are out there for breast cancer," she says.

While the effects weren't nearly as strong as traditional medicines, Etters says the valuable research experience helped her secure an internship this summer in a pediatric oncology research program at St. Jude Children's Hospital in Memphis.

Weatherman says that although the research process can be very frustrating at times, it can also be very rewarding.



Abigail Etters

"You've learned something, so the next step is asking why it is not quite good enough? How can we make it better? One of the great things about Abigail is that she's a very optimistic person. She'll keep trying and trying." ■

## Johnston's Engineering, Life Interests Provide Few Limits

Scott Johnston crossed the country from Federal Way, Washington, to attend Rose-Hulman. So, it shouldn't be surprising that he has spread his talents across several campus activities during the past three years.

On any day you could find him working on projects in the Branam Innovation Center to improve the aerodynamics of the Rose Grand Prix Engineering team's race car, developing parts for cars of the future through the Valeo Innovation Challenge, creating technology solutions as an intern at Rose-Hulman Ventures, or showcasing his dramatic skills on the Hatfield Hall Theater stage.

In fact, you would imagine that Scott Johnston has a twin, with all of the places where he turns up—all while striving to earn a bachelor's degree in mechanical engineering, a minor in economics, and having specialized concentrations in

advanced transportation and aerospace.

"I like finding my limits," the senior says. "I really can't say 'no' to anything. If I'm interested in something, I'm going to find a way to do it."

That's what happened when Johnston became involved in a student team developing an "active" suspension system in the Valeo Innovation Challenge, a global contest inviting engineering students from around the world to design products or systems that will create smarter, more intuitive cars by 2030. Six finalist teams will be announced on September 1 to present their ideas before a jury of automotive industry experts in Paris, France.

"I have liked building things and

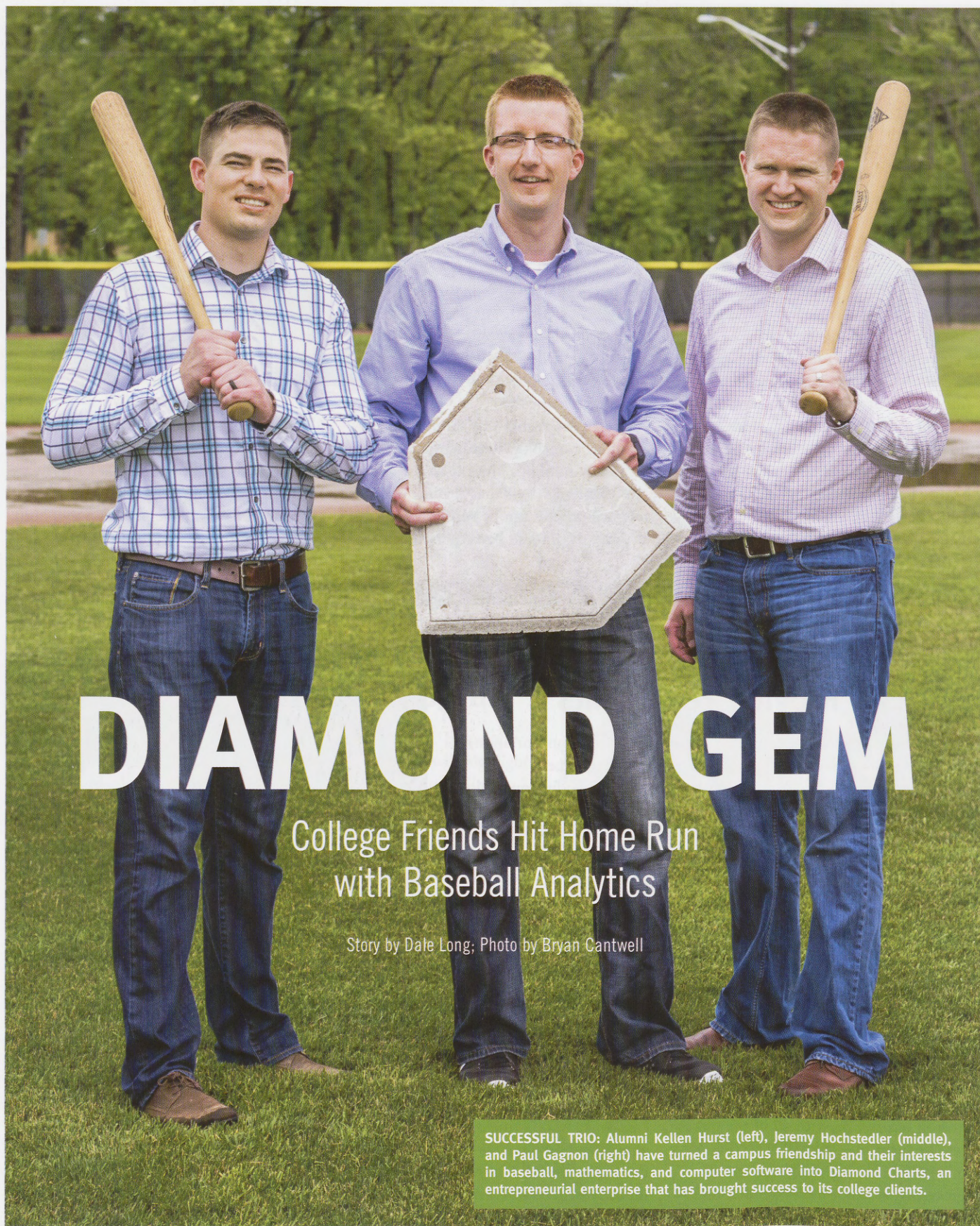


Scott Johnston

cars since I was a kid. I always wanted to be the person who designed a better automobile," he says.

That's why his idols include former Ford Motor Company President/CEO Alan Mulally, Tesla Motors CEO Elon Musk, and Virgin Group Founder Richard Branson. ■





# DIAMOND GEM

College Friends Hit Home Run  
with Baseball Analytics

Story by Dale Long; Photo by Bryan Cantwell

**SUCCESSFUL TRIO:** Alumni Kellen Hurst (left), Jeremy Hochstedler (middle), and Paul Gagnon (right) have turned a campus friendship and their interests in baseball, mathematics, and computer software into Diamond Charts, an entrepreneurial enterprise that has brought success to its college clients.



Jeremy Hochstedler, Kellen Hurst, and Paul Gagnon weren't at this year's College World Series when the University of Virginia celebrated its first NCAA Division I college baseball championship, but the alumni trio took great pride in the role they played in the team's victory.

Virginia is among 180 college baseball teams utilizing analytic services provided by Diamond Charts ([www.diamondcharts.com](http://www.diamondcharts.com)), an enterprise started in 2013 by Hochstedler and Hurst. The company provides clients with weekly spray charts that dissect hitting and pitching patterns for upcoming opponents' players. Each report, featuring 20 to 25 color-coded charts, showcases a player's hitting tendencies against right- or left-handed pitchers, ground ball/fly ball ratios, and pitches per plate appearance.

With this knowledge, teams can shift their defenses and pitching patterns to enhance the chances of victory.

"When we're in a game, their stats are right there on the front of our clipboards," says Indiana University Coach Chris Lemonis. "I'm making a lot of in-game decisions based on those charts. That's the kind of confidence I have in them."

Diamond Charts has an impressive track record of bringing success to its clients, including three straight Division I baseball champions (UCLA, 2013; Vanderbilt, 2014; and Virginia, 2015), along with this year's Division I softball titlist, University of Florida.

### Still in the Game

Former Rose-Hulman baseball teammates Hochstedler (EE, '06) and Hurst (CE, '07) combined their love of the summer game and interests in math and computer software development to create the baseball analytic service in their hometown of Noblesville, Indiana. Hochstedler was a volunteer small-college baseball coach from 2012 to 2013. That's when he would chart the hitters' tendencies of opposing teams by hand, and, later, built a computer program to compile and plot the information on one-page reports. He saw an opportunity to market this service to help other college teams.

Hurst soon came on board to assist in business development and dealing

with clients. The duo formed a limited liability corporation, developed a website, and established a Paypal site to process service registrations.

From 15 clients for that first season (2013), Diamond Charts' popularity grew to include 125 teams by 2014 and 250 (180 baseball; 70 softball) for this past spring.

Gagnon (SE, '06) has played a key role in the company's growth, bringing his computer programming expertise to the enterprise. His ideas to help automate

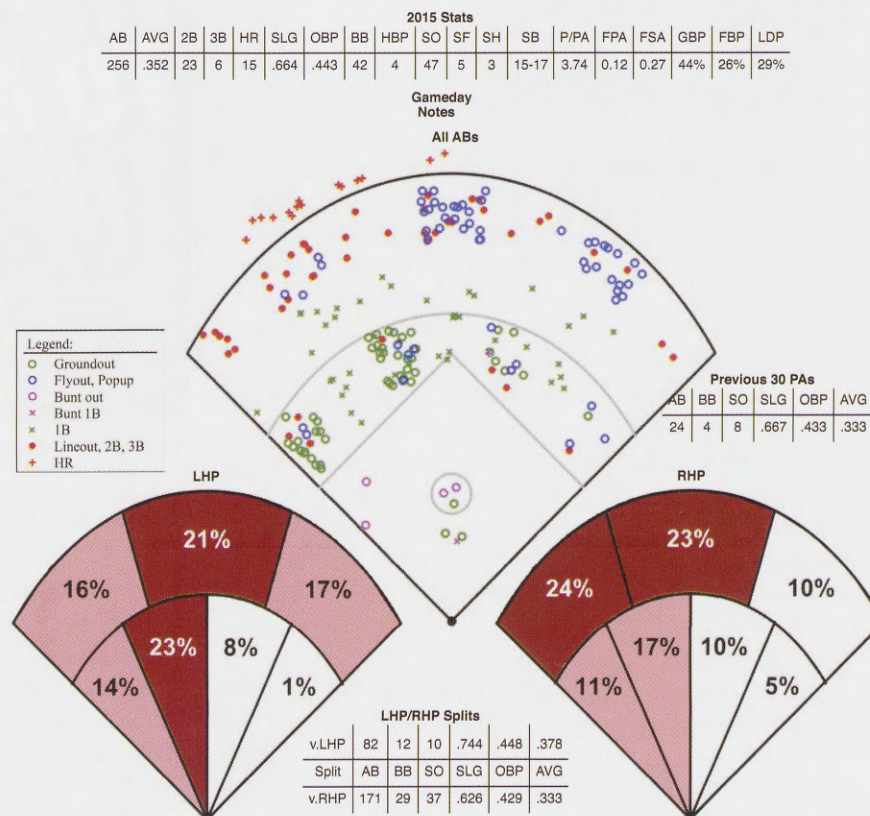
software systems and expand services were adapted, and Hochstedler and Hurst asked their former residence hall friend to become co-owner in the company late in 2013. He formerly was a senior systems analyst for Eli Lilly and Company.

"With Paul it went from a small-scale project that we were both doing at night, to a real business enterprise," says Hochstedler.

Gagnon is the enterprise's only full-time employee, working from his home near Fort Wayne. This allows Hochstedler and Hurst to devote time to their engineering careers and growing families. Hurst is a water services construction department leader for HNTB in Indianapolis, while Hochstedler started a new job this spring as a senior project manager for KSM Consulting in Noblesville.



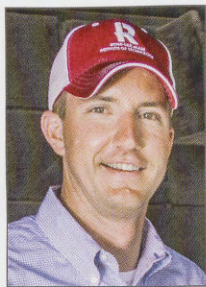
Vanderbilt						
Bat	Throw	Pos.	Class	Player Name	No.	
R	R	IF	Jr	Swanson, Dansby	7	



**PROVIDING INSIGHT:** Diamond Charts provides color-coded charts that reveal a player's past hitting tendencies. This shows where an opposing team should set its defense to keep the hitter off base. This chart was created for Vanderbilt's Dansby Swanson, the number-one pick in the 2015 Major League Baseball draft. (Image courtesy of Diamond Charts)



## ALUMNI PROFILE: SUMMER FUN



**"Diamond Charts keeps Kellen and me around the game of baseball. We get to talk with coaches, and get to examine the statistics about some of the best young players in country. We would like to think we share in our clients' successes."**

—Jeremy Hochstedler, EE, '06  
Co-Founder, Diamond Charts

Gathering data from websites of NCAA and individual college team websites, Diamond Charts prepared 7,500 reports for clients' upcoming opposing teams for this past season. With each report consisting of 20 to 25 spray charts and graphs, the service provided approximately 160,000 charts for the

2014 season. Gagnon's automation changes have cut the report preparation time to less than 10 minutes per client report.

### More Room for Growth

With nearly 1,900 college baseball teams, Hochstedler and Hurst see opportunity for growth in future seasons, and possibly services into other sports, making it a year-round business.

"Starting out, we didn't have a solid business plan and didn't have a marketing strategy. However, as Rose-Hulman graduates, we had an ability to get things done," says Hurst. "We thought we had a neat idea and wanted to see how far it would go. It's been an exciting and interesting ride so far."

Hochstedler adds, "Diamond Charts keeps Kellen and me around the game of baseball. We get to talk with coaches, and get to examine the statistics about some of the best young players in country. We would like to think we share in our clients' successes. It's more fun and enjoyable than a job." ■

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

## KEENAN LONG'S NEW TORQ BAT HITS FOR POWER

One engineer's curiosity about the biomechanics of the baseball swing has opened the opportunity for a new era in baseball that's hit a home run for alumnus Keenan Long.

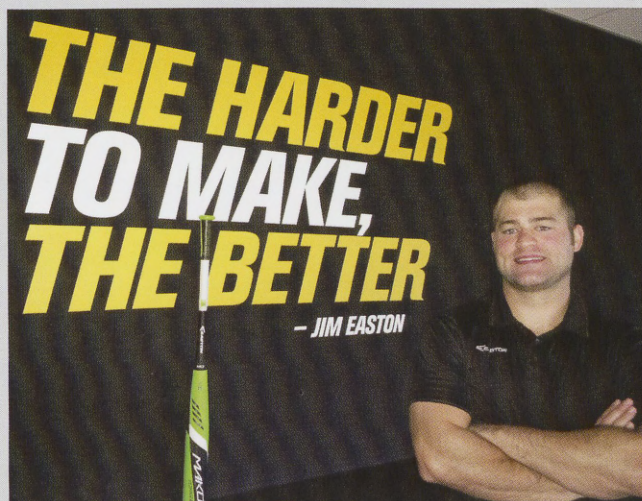
The former Rose-Hulman baseball player inspired Easton's innovative line of composite and aluminum bats that are allowing baseball and softball players of all ages and genders to produce more power from their swings by taking advantage of an intuitive concept: allow the hitter's hands to move independently so they can keep the barrel of the bat on the plane of the pitch.

As the advanced concepts engineer for Easton's Baseball/Softball, Long (ME, '10) has combined his love of baseball with the problem-solving skills of engineering for an exciting career in the competitive sporting goods industry.

His revolutionary Mako TORQ bat allows the bottom four to five inches of the bat handle to rotate 360 degrees. A simple, robust, and durable system encompasses the rotating handle and knob while retaining the same dimensions as a standard bat. To the hitter, it looks and feels like a normal bat except that the hands are allowed to rotate independently to maintain a mechanical advantage throughout the swing. The system, called TORQ Technology, promotes the natural rotation of the hands, allowing the hitter to square up more pitches with more power.

The concept came after Long injured his hand's hamate bone (the small wedge-like bone in the outer part of the wrist) after taking hundreds of swings for a bat durability test in HitLab batting cages. He then started working in the company's machine shop to develop a crude form of a rotating bat knob mechanism.

Now, TORQ Technology is generating power for hitters, as well as keeping the hamate bone safe, while being used at all levels of play from Little League to NCAA baseball and softball. And, Long is being called upon to pitch even more new, and usually wild, ideas for future Easton products focused on providing a



**POWER HITTER:** Keenan Long, a former NCAA Division III honorable mention All-American catcher, has become an advanced concepts engineer for Easton's Baseball/Softball, the sports engineering market leader. He is a 2010 mechanical engineering alumnus. (Photo provided)

performance advantage to athletes. His new department is expanding the company's research and development scope beyond bats to include batting gloves, ball gloves, helmets, and catcher's protective equipment.

"I am never more than an arm's reach away from a bat. I show up at Easton every day with a sense of indebtedness to the world of sports for allowing me this opportunity," says Long, an honorable mention NCAA Division III All-American during a record-setting career (2008 to 2010) as a catcher for the Fightin' Engineers. "Easton has a strong history of sports engineering. This industry will benefit greatly from people whose experiences overlap athletics and engineering." ■

*Story by Dale Long*



## Silverstein Joining Aviation Hall of Fame

The historic launch of the Apollo 11 mission in 1969 propelled America's space program, and kept a promise alumnus Abe Silverstein made to President John F. Kennedy in 1961 to put a man on the moon within the decade.

Silverstein (ME, '29; MSME, '34), who died in 2001, is considered a founding member of the United States space program. He had a key role in leading America's National Aeronautics and Space Administration (NASA) from 1961 to 1969, the critical years of the development of the country's innovative manned space program.



In 1984, NASA named Silverstein an "Elder Statesman of Aviation," and in 1997 he received the prestigious Guggenheim Medal for "significant contributions to the advancement of flight."

Now, Silverstein will be inducted posthumously into the National Aviation Hall of Fame on October 2 in Dayton, Ohio. Other Class of 2015 members are retired Air Force Brig. Gen. Robert L. Cardenas, former NASA space flight director Eugene Kranz, and the late Robert Hartzell, a pioneer in propeller-making.

"Collectively, they span the history of manned flight, and individually each one stands as an icon in their own community of aviation," says Ron Kaplan of the National Aviation Hall of Fame.

Silverstein led a group of engineers and scientists that advocated the use of cryogenic liquid hydrogen fuel to launch American space explorations. As the first director of space flight programs at NASA, he helped gain public support for the fledgling space program by proposing to the White House that a mission to the moon would be possible by the end of the decade. Four days later, on May 25, 1961, President Kennedy appeared on television to say, "...and by the end of the decade we shall go to the Moon!"

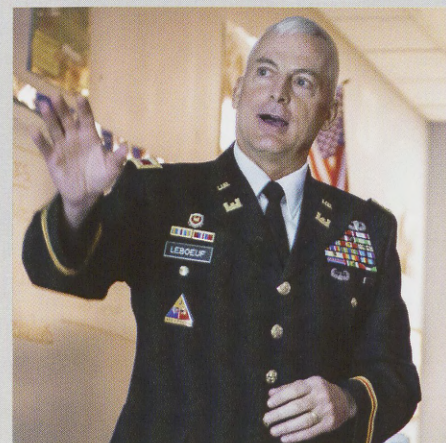
A Terre Haute native, Silverstein retired from NASA's Lewis Research Center in Cleveland in 1969, shortly after Neil Armstrong's historic walk on the moon. He served as a member of Rose-Hulman's Board of Trustees for several years. ■



## LEBOEUF PROMOTED IN RANK, COMMAND WITH ARMY RESERVE

Gene LeBoeuf's commitments to military service and educating tomorrow's top engineers have earned him leadership roles in two distinguished careers.

LeBoeuf (CE, '85) has been promoted to brigadier general in the U.S. Army Reserve, and become deputy commander of the Reserve's 416th Theater Engineer Command, based in Darien, Illinois. The 29-year Army veteran is now the second-highest-ranking leader of more than 10,000 Army Reserve engineers, and



nearly 3,000 additional Army Reserve soldiers who perform operational missions around the world, including construction, survey and design, route clearance, and other combat engineer operations as part of a joint force. He formerly served as the unit's chief of staff.

This fall, LeBoeuf will receive the Rose-Hulman Alumni Association's Honor Alumni Award for his loyalty and meritorious service to the institute, contributions to the country's national interest, and professional achievements.

LeBoeuf received a military commission after completing the U.S. Army ROTC program at Rose-Hulman.

Professionally, LeBoeuf has established a prestigious career in the engineering field. He is the associate department chair, director of undergraduate studies, and professor of civil and environmental engineering at Vanderbilt University. ■

## Wardens at Home on HGTV's 'House Hunters'

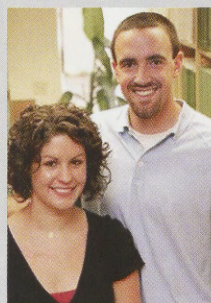
How do engineers shop for a house? That's what the HGTV cable network wanted to showcase while following Bob and Becca Warden (both ME, '09) on an episode of the popular "House Hunters" television show in early August, set for rebroadcast throughout the fall. (Check hgtv.com's listings for the "Engineers Search for a Fixer in San Antonio" episode).

The couple lives in San Antonio, Texas, works at the Southwest Research Institute, and was looking to buy a new home. Because they enjoy making home improvements, they wanted a fixer-upper.

The show seemed to be a natural fit for the engineers.

"We're not afraid to get our hands dirty," Becca says. "We like to dive into major projects."

Cameras followed them throughout their search. Now, they have moved into their new home with their two Labrador Retrievers, and have already undertaken some major renovations. Most of the remaining projects represent "small, fun stuff," Becca said. These improvements were featured in the show. ■



Bob and Becca Warden



# GONE FISHIN'



Bob Bagby Spins Love of Outdoors  
into Career for Fishing Icon Zebco

Story by Stacey Muncie



Speed Lake, in the heart of campus, has seen its share of uses. Since Rose-Hulman's relocation to the hilly acreage along U.S. 40 in 1922, students have swum, paddled, and pranked in its waters countless times.

But for Bob Bagby (ME '80), the pond provided a place for fishing and dreaming. An avid hunter and angler, the Evansville native spent hours at the water's edge during his time at Rose-Hulman, casting his line in hopes of making a catch.

"I wore that lake out fishing by the Union," he recalls with a chuckle.

Bagby, like many alumni, planned to put his degree to work in industry after graduation. And that's exactly what he did, taking a job as a design engineer with John Deere's Industrial Equipment Division in Dubuque, Iowa. Of course, he continued to spend much of his free time in a deer stand or with tackle box in hand. But Bagby says he often found himself dreaming of meshing his passions with his profession.

"I have always been a passionate outdoorsman, both hunting and fishing. I always found myself saying, 'Gosh, if I could ever get that dream job in the hunting, fishing, or golf industry, how cool would that be?'"

In those pre-Internet days, job searches were limited mostly to the classified sections of newspapers and magazines. Finding his dream job was no easy task. In fact, the idea remained no more than a fleeting notion when Bagby was among 500 employees who lost their jobs in a plant downsizing in 1982. He landed instead at Ford Motor Company's Connersville, Indiana, facility.

### Snagging the Dream

A few short years later, while thumbing through one of his favorite outdoor recreation magazines, Bagby noticed an employment ad. An unnamed sporting goods manufacturer was seeking candidates for a design engineering position. Could this, he wondered, be the job he'd always wanted?

Bagby remembers the first time he visited Zebco's Tulsa offices for an interview.

"All of the engineers' offices had rods and reels around," he recalls.

He was hooked—he knew he'd found the perfect place to combine his engineering skills with his passion for the outdoors.



**REELING IN CUSTOMERS:** Bob Bagby, vice president of marketing for Zebco, says that when people find out his job, they often exclaim, "Must be nice to fish all the time!"

**"I have always been a passionate outdoorsman, both hunting and fishing. I always found myself saying, 'Gosh, if I could ever get that dream job in the hunting, fishing, or golf industry, how cool would that be?'"**

—Bob Bagby, ME '80

Zebco's roots in the fishing industry stretch back to 1947, when watchmaker R.D. Hull took his idea for a revolutionary fishing reel into production, with the help of the Zero Hour Bomb Company, makers of electric time bombs for oil drilling. Hull's spincast reel design made casting and retrieving fishing line much easier, and its appearance on the market helped increase the sport's popularity.

Facing an uncertain future as safer oil extraction processes were being implemented, Zero Hour Bomb Company would switch its focus to production of the spincast reel, changing its name to Zebco in 1956. Zebco Brands has grown to include one hunting line and eight fishing product lines, from inexpensive, beginner-level gear to high-end salt water fishing equipment.

### Tapping Into His Creative Side

Bagby went to work at Zebco as a design engineer in 1987. But it was his move to a role as product manager a few years later that allowed him to tap even deeper into his creative side—something he had always wanted to do.



## ALUMNI PROFILE: SUMMER FUN



**REWARDING CAREER:**  
During his 28-year career with Zebco, Bagby has had a hand in the development of some of the best known products in the industry. (Photo courtesy of Zebco)

**“Everybody is looking for those iconic product lines that stick. I’ve been here so long now that I’ve had my fingerprints all over some of the most iconic products we have.”**

*—Bob Bagby, ME '80*

“The engineering job got my foot in the door, but that [product manager role] truly was that dream job,” he said of the change. “Product management here is kind of cradle to grave,” he adds, and in that role Bagby enjoyed being involved in all aspects of bringing a new product to market.

As vice president of marketing, Bagby is less involved in product engineering and development. These days, his duties include overseeing the company’s web presence, media relations, pro staff, branding and marketing.

Still, he says his engineering background comes in handy from time to time. His mechanical engineering roots give him a firm grasp of the manufacturing processes required to produce the company’s products.

“I’m probably more plugged into the technical side of what we’re going to do because of that background,” he notes. When manufacturing engineers talk to him about methods such as die-casting, injection molding, or carbon fiber, he

says, “it’s not like they’re speaking a foreign language.”

Throughout the past 28 years, Bagby has had the opportunity to build on Zebco’s storied history and help enhance its reputation. Along the way, he’s had a hand in the development of several best-known products in the industry.

“Everybody is looking for those iconic product lines that stick. I’ve been here so long now that I’ve had my fingerprints all over some of the most iconic products we have,” he says.

Bagby’s afternoon dreams on the banks of Speed Lake have come to life, not by some grand plan, but by a combination of desire, chance, and hard work.

“I guess I just sort of said that was what I was going to do, and I had the right opportunity to do it,” he reflects. “I’m proud that I could turn a hobby and a passion into a career.” ■

*Stacey Muncie is a writer in the Office of Communications and Marketing.*



## Bolsen Making Cool Change with Biofuels

Wes Bolsen (EE, '00) is energized. He is helping lead a company that wants to revolutionize the agriculture and energy markets while conserving water and combating climate change.

Bolsen leads business development and public affairs at Cool Planet, a Colorado-based biofuel and biocarbon company. The company will open its first renewable fuel production facility in Alexandria, Louisiana next year. The plant will make gasoline and other fuels from wood chips and agricultural waste.

Cool Planet believes its fuel will be "carbon negative," meaning the more it is burned, the more carbon is removed from the atmosphere, thus battling climate change.



**FUELING PROGRESS:** Wes Bolsen believes Cool Planet can provide abundant fuel, while reversing climate change.

Here's how it works: Plants absorb carbon dioxide from the atmosphere as they grow. When they are heated to produce fuel, the carbon coproduct takes the form of a black chunky material Cool Planet calls CoolTerra. This substance can then be used to enrich soil to improve the growth of new plants. Because the carbon is locked into the earth and not released into the atmosphere, Cool Planet is effectively taking more carbon out of the air than its fuel is returning.

"In essence, you have vacuumed CO<sub>2</sub> out of the atmosphere. You are reversing climate change," says Bolsen, one of the nation's top biofuels experts.

Cool Planet broke ground on its first biorefinery last spring in central Louisiana. The facility, expected to start up in 2016, ultimately will make more than five million gallons of gasoline per year. The U.S. Department of Agriculture provided a \$91-million loan guarantee for the Alexandria plant. Other investors in Cool Planet include Google, GE, British Petroleum, and ConocoPhillips. ■



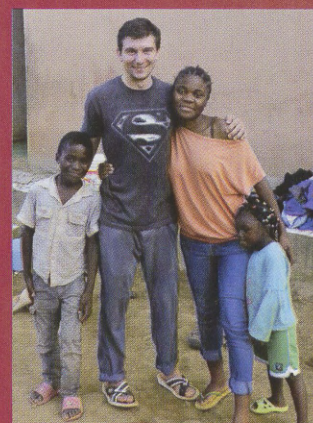
**Erik Hayes**



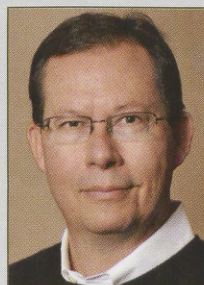
**Richard Stamper**

## Hayes, Stamper in Campus Leadership Roles

A new school year has brought campus leadership changes for alumni Erik Z. Hayes (ME, '97/MSME, '01) and Richard E. Stamper (ME, '85). Hayes is now the vice president for student affairs and dean of students, following Pete Gustafson's retirement. Stamper is serving as interim vice president for academic affairs and professor of mechanical engineering, as Phil Cornwell has returned to full-time teaching. Stamper has been dean of faculty since 2012. ■



A two-year journey as a Peace Corps volunteer in the African nation of Cameroon is providing Daniel Maginot (BE, '14) the opportunity to immerse in a different culture, expand global perspectives, and share his love of science before pursuing a career in medicine. He is teaching science at secondary schools in the community of Ebolowa.



**Mike Hatfield**

## Hatfield Appointed Senior VP of Ciena After Acquisition

Mike Hatfield (EE, MA ECON, '84) has been appointed senior vice president of Ciena Corporation after the network specialist's acquisition of Cyan, Inc. He is leading Ciena's Blue Planet division, which comprises teams responsible for software development, product line management, product marketing, service and support, sales, and business development. As founding president, Hatfield established Cyan as a leading provider of next-generation software and platforms to enable open, agile, and scalable software-defined networks. ■

## Freewheelin' Trio Enriching Youths in Cycling

John Calhoun (EE, '78), Damon Richards (EE, '84), and Arwin Roe (CHE, '78) have combined their passions for cycling, solving mechanical problems, education, and entrepreneurship in Freewheelin' Community Bikes, an Indianapolis-based store/classroom/bicycle shop designed to enrich central Indiana youth. With the motto "Changing tires, Changing lives," the youth development organization uses bicycles to teach children about life skills, good health habits, and leadership. Richards is director of programs after selling his IT consulting firm; Roe and Calhoun are volunteers after recently retiring from Eli Lilly and Rolls-Royce, respectively. Find out more at [freewheelinbikes.org](http://freewheelinbikes.org). ■



Richards (left), Roe, and Calhoun (right) at Freewheelin'



# Bailey Challenge

By Professor Emeritus Herb Bailey, PhD



**HERB BAILEY HAS BEEN** solving math problems and puzzles since his early childhood. As a Rose-Hulman student, he excelled in mathematics courses taught by Professors Ted Palmer, Clarence Sousley, and John Straw. He was not the complete scholar, however, as he failed a required chemistry course during his senior year. He eventually graduated in 1945 with a bachelor's degree in electrical engineering, and added a degree in chemical engineering in 1946.

Bailey returned to campus as a mathematics professor in 1966, and remained on the faculty until retirement in 1992. He served as the institute's Dean of Faculty for a short time in the early 1970s. For the past 25 years, his Bailey Challenge problems have tested the skills of alumni and friends in *Echoes*. Besides alumni, solvers include a back surgeon, an ophthalmologist, high school and college teachers, parents, and alumni family members, including fourth grader Ashlyn Roehm, daughter of Jason Roehm (EE, 2004).

Other loyal solvers include Bailey's son, Mark (CHE, 1976). Herb's grandson and granddaughter-in-law are 2010 alumni: Michael Schoumacher (ME) and Denise (Tom) Schoumacher (CHE).

## FALL PROBLEM 1

Joe has a total of \$200 in his two pockets. He removes one-fourth of the money from his left pocket and puts it into his right pocket. He then takes \$20 from the left and adds it to the right. He now has the same amount in both pockets. Initially, how many more dollars were in the left than in the right?

## FALL PROBLEM 2

Jack is only looking at Anne; Anne is only looking at George. Jack is married; George is not. Is a married person looking at an unmarried person?

## FALL BONUS PROBLEM

The red and green circles are unit circles with a radius of 1. They are tangent to each other and to a given line. (See figure) The yellow circle is tangent to the two unit circles, and also tangent to the given line. The blue circle is tangent to the green circle, the yellow circle, and the given line. Find the area of the blue circle.



**SOLUTION TO SPRING BONUS:** Alice and Bill have positive integers painted on their foreheads. They are told that the two integers are consecutive. They can see the number on the other person's forehead, but not their own. They alternate (as many times as needed) in tracking down their number, starting each round with the question: Do you know your number? They can only answer "yes" or "no" to the question. Assume that Alice is the first to pose the question, and that Alice's number is 2, while Bill has a 3. Explain how they can determine the number on their own foreheads.  
**SOLUTION:** Alice (A) asks Bill and he sees that  $A = 2$ . Thus Bill says "I don't know," since he could have a 1 or a 3. Bill (B) then asks Alice and she sees that  $B = 3$ . Thus Alice says "I don't know," since she could have a 2 or a 4 on her forehead. Bill now knows that he cannot have a 1 on his forehead because Alice would say that she has a 2. Alice then asks Bill, and he now knows: a) he must have a 1 or a 3 and b) he can't have a 1 so he must have a 3. Bill then answers "I know." Alice now also knows that she has a 2, since if she had a 4 then Bill would not have known his number at this time.

Send your solutions to [Herb.Bailey@rose-hulman.edu](mailto: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 years.

Congratulations to the following solvers of problems posed in the spring issue:

**ALUMNI:** T. Jones, 1949; C. Hirschfield, 1954; B. Hall, 1955; A. Sutton, 1956; H. Brown, 1957; D. Carrell, 1957; D. Bailey, 1959; J. Kirk, 1960; J. Ray, 1961; J. Tindall, 1961; N. Hannum, 1962; C. McCoy, 1962; S. James, 1965; D. Ford, 1972; G. Houghton, 1972; R. Kominiarek, 1973; T. Rathz, 1974; M. Bailey, 1976; B. Hunt, 1976; D. Davis, 1978; T. Greer, 1978; R. Priem, 1979; R. Joyner, 1980; K. Davenport, 1980; S. Nolan, 1981; D. Kazmierzak, 1982; M. Taylor, 1982; M. Von Bokern, 1982; K. Shafer, 1983; D. Price, 1986; M. Walden, 1986; D. Johnson, 1987; M. Lancaster, 1987; C. Abdnour, 1989; E. Cegielski, 1990; B. Burger, 1991; J. Harris, 1991; R. Hochstetler, 1991; P. Kimmerle, 1991; C. Schlimm, 1991; M. Ley, 1997; M. Pilcher, 1998; and D. Straub, 2010.

**FRIENDS:** T. Cutaia, L. Kulbago, J. Ley, J. Marks, and M. Rosene.



**1967**

**Thomas L. Wegman (ME)** has retired after 45 years at the Stevens Industries plant in his hometown of Teutopolis, Illinois. He spent the last 17 years as owner and president.

**1970**



**Michael R. Langston (ME)** has retired after a 35-year career in the pipeline construction sector, most recently serving

as president at Price Gregory. He was project manager for the Guardian Pipeline Project, a \$100 million, 142-mile gas pipeline from Joliet, Illinois, to Ixonia, Wisconsin, completed in 2002.

**1975**

**Mark A. McCandless (ME)** has retired from Lockheed Martin after 34 years of service and leadership on a variety of noteworthy projects, including the Space Shuttle's external tanks.

**Michael L. Patrick (CHE)** has retired as vice president of engineering for Penford Corporation. He also worked for A.E. Staley and Jacobs Engineering. He resides in Parker, Colorado.

**1977**

**Paul N. Koch (EE)** is leading the customer engineering team with GLOBALFOUNDRIES, the world's first full-service semiconductor foundry. He is working from the company's manufacturing facility in Dresden, Germany.

**1981**

**Thomas F. Hudson (CS)** has retired after 33 years of federal service. He is now living in Anderson, South Carolina.

**1983**



**Jeffrey A. Trang (EE)** has been promoted to vice president of technology and flight operations for Airbus

Helicopters Inc., managing the engineering, certification, and flight operations departments in Grand Prairie, Texas, and Columbus, Mississippi. He had served as chief experimental test pilot for the company since 2010, and previously worked as a senior rotorcraft test pilot for the Federal Aviation Administration. He was a U.S. Army officer and aviator, retiring as a lieutenant colonel after 21 years of military service.

**1985**



**Robert S. Patti (EE/CS/PH)**, chief technology officer and co-founder of Tezzaron Semiconductor,

was the first recipient of 3D InCites' Individual Achievement Award. Patti is considered a pioneer in 3D technology, design, testing, and manufacturing products. Tezzaron was the only company with 3D integration and configurations products in the market, and his 2006 paper, "Three-Dimensional Integrated Circuits and the Future of System-on-Chip Designs," remains a must-read in the 3D industry.

**William L. Seyfried (ECON)** is an economics professor at Rollins College Crummer Graduate School of Business. His expertise is in areas of macroeconomics, and the interaction of the financial system and economy.

**1990**



**Douglas A. Collier (CE)** is an intellectual property team member for Taft law firm's Indianapolis office. His

practice centers on patent and trademark prosecution, copyrights, trade secrets, agreements, and licensing. He earned law and master of business administration degrees from Indiana University.

**1993**

**Jeffrey L. Papa (ECON)** is the first mayor of the Town of Zionsville, Indiana, after a reorganization plan between Perry Township and Zionsville. He is chief of staff and legal counsel for the Indiana Senate, and is active with the Youth Enhancement and Training Initiative, an Indianapolis-based nonprofit he founded to build and sustain an orphanage in Nepal.

**1996**



**Ashvin Lad (CHE)** has been appointed to the board of directors for Neumann Family Services, a non-profit

organization helping integrate Chicago adults with intellectual/developmental disabilities and mental illness into the mainstream community. He is co-founder of Breakwater Chicago, a floating entertainment destination project under development to open on Lake Michigan in 2016.

**1997**

**Lawrence (Larry) J. Schiefer (CPE)** has been certified as a Google developer expert for Android. He is the chief technology officer and co-founder of HIQES LLC, a

software service and product development company focusing on mobile and embedded software.

**1999**

**Andrew M. Cain (ME)** has been promoted to executive officer of the U.S. Navy's tactical readiness evaluation team. He has relocated to the Navy's submarine operations center in Norfolk, Virginia.

**2005**

**Chad A. Zarse (AB)** has completed a fellowship and started practice in nephrology at the Indiana Kidney Specialists in Indianapolis.

**2010**



**Cole T. Perry (CE)** has been promoted to senior project manager with Indianapolis-based Messer Construction

Company. He had been a project manager since joining the company after graduation.

**2011**

**Andrea J. Raff (ME)** and a coworker are the first females to pilot and crew a dual-mode underwater vehicle at Huntington Ingalls Industries.

**2013**

**Andrew R. Gorman (ME)** is a building systems engineer with Messer Construction Company in Indianapolis. He joined the company as an intern in 2010.

**Nathan M. Shumway (ME)** has been awarded the Department of Defense's National Defense Science and Engineering Graduate Fellowship. He is an aerospace engineering graduate student at the University of Maryland, researching aspects of untethered dragonfly flight. ■



## CLASS NOTES

### Marriages

**2000**

**Jon Walls** (CE) married Jordan Bedella May 16, 2015. He is the MEP coordinator at Rogers-O'Brien Construction in Dallas, Texas. The couple resides in Celina, Texas.

**2006**

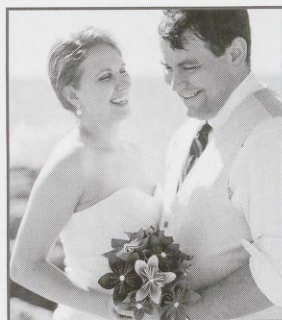
**Michael Kruszynski** (ME) married Krystal Anslow January 4, 2014. He is an engineering supervisor at General Electric Company. The couple resides in Greenfield, Indiana.

**2008**

**Kyle Birt** (ME) and **Jill Floyd** (AB) were married this spring in a private ceremony. Kyle works

for Archer Daniels Midland Company in Lodi, California, while Jill has worked for Monsanto Company in Illinois. The couple resides in Elk Grove, California.

**2009**



**Monica DeFazio** (CHE) and **Richard Maxwell** (ME), were

married Pi Day, March 14, 2015 in Captiva, Florida. She is a research and development process engineer for Smucker's in Orrville, Ohio. He is an automation engineer for Alcoa in Cleveland. The couple resides in Doylestown, Ohio.



**Andrew L. Houvener** (SE) married Rebecca Thomas July 16 in Winona Lake,

Indiana. He is a software engineer for the U.S. Navy. The couple lives in Virginia Beach, Virginia.

**2010**

**Nicole Burton** (MA/ECON) married Joshua Perilstein May 24, 2015. Nicole is an actuary for the Scottsdale Insurance Company. The couple resides in Scottsdale, Arizona.

**Kevin Baumeister** (ME) married Mary Weston May 30, 2015, in Indianapolis. Kevin is a systems engineer for Endress & Hauser in Greenwood, Indiana. ■

### Rosebuds

**1991**

**Kent McCorkle** (CHEM) and wife, Kim, welcomed a daughter, Chloe Kingsley, June 1, 2015. She joins a son, Conner, and adopted niece, Isabel, in the family, which resides in Oceanside, California.

**2001**

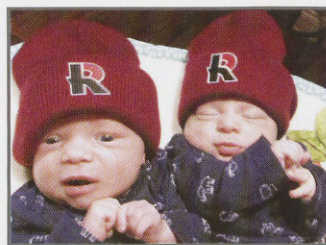


**D. Keith Casey** (EE) and wife, Dawn, welcomed a son, Quinn Alexander "QA"

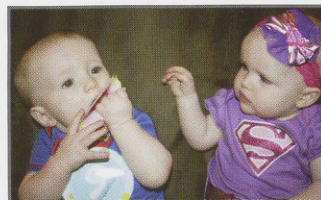
January 22, 2015, in Austin, Texas. Keith is director of product for Clarify.io, a company specializing in audio and video application program interfaces.

**2002**

**Christie (Shadrach) Maleski** (CHE) and her husband, Michael, are proud parents of twins, Tyler James and Jefferson Thomas, who were born April 10, 2015. Christie works for Tremco, Inc., and the family lives in Independence, Ohio.



**2006**



**Patrick Cunningham** (EE) and **Sarah (Trout) Cunningham** (CHE) welcomed twins, Christopher Patrick and Elizabeth Anne, July 23, 2014. Patrick is an officer in the U.S. Air Force, working as a developmental engineer. The family lives in Dayton, Ohio.

**2010**



**David Hormuth** (BE) and wife, Jamie, welcomed their first

child, Theodore Hobbes, April 7, 2015. The family resides in Nashville, Tennessee.



**Darcie (Thomas) Jones** (BE; MSBE, 2012) and husband, Steven, welcomed their second child, Jack, May 13, 2015.

**2011**

**Steven Jones** (ME) and wife, Darcie (Thomas), added a son, Jack, to the family May 13, 2015. ■

## YOUR FEEDBACK WILL HELP ECHOES MEET YOUR NEEDS

As we make plans for future issues, we need your feedback to identify ways *Echoes* can better serve our readers and meet your needs. Your responses will be kept confidential, and the survey results will be presented at the aggregate level only.

Participate online at [tiny.cc/echoes](http://tiny.cc/echoes)



## Obituaries

1940

**Milton M. Hosack** (CHE), 96, died May 26, 2015, in Leesburg, Florida. He retired as manager of operations for American Cyanamid Company.

1942

**Clifford E. Roberts** (EE), 93, died October 30, 2014, in Vernon Hills, Illinois. He had a lifelong career in the U.S. Army. Survivors include a brother, Ira (EE, 1949).

1949

**Richard W. Bricker** (ME), 90, died May 18, 2015, in La Porte, Texas. He retired in 2008 as head of development and evaluations for NASA's Johnson Space Center.

1951

**Carlyle H. Wokasien** (EE), 86, died May 24, 2015, in Daniel Island, South Carolina. He retired after 38 years as director of quality control and reliability for General Motor Corp.'s Delco Products Division.

1958

**Louis F. LaPosa Jr.** (ChE), 78, died April 13, 2015, in Wichita, Kansas. He worked as a process engineering manager for more than 40 years.

1961

**Ronald E. Higginbotham** (MA), 75, died March 14, 2015, in Bristow, Virginia. He worked for TRW on the Apollo Space Program's lunar module project, and retired after working on Lockheed Martin's Seawolf Submarine Project.

1963

**William J. Edmons** (EE), 74, died July 9, 2014, in Green Valley, Arizona. He was a lead sales engineer for General Electric.

1965

**Evan H. Johnson** (CHE), 72, died July 7, 2015, in Decatur, Illinois. He retired after 41 years of service with Erickson, Davis, Murphy, Johnson, and Walsh.

1966



**Terry L. Schultz** (EE), 71, died April 1, 2015, in Orlando, Florida. Terry retired after 25 years with

Lockheed Martin, where he held several program director assignments and was a business development director. He also had a 20-year career in the U.S. Air Force, leading the development and deployment of the first precision laser target designator and laser-guided bomb programs. He retired with the rank of lieutenant colonel.

1969



**Larry W. Rennels** (EE), 67, died June 26, 2015, in his hometown of Charleston, Illinois, where he proudly

served as mayor since 1997. Before entering public service, he was a development engineer for 11 years at Motorola and

## Special Person



**Joy E. Hulbert**, 76, died July 23, 2015, in Naples, Florida. She was Rose-Hulman's First Lady, supporting President Emeritus Samuel F. Hulbert during his 28-year tenure in leading the institute to remarkable growth and prosperity. Hulbert was admired on campus and within the local community, and was presented an honorary doctorate from Rose-Hulman in 2004. The outdoor tennis courts were named in her honor, and the Parents' Association presents the Joy Hulbert Award annually to a female faculty or staff member contributing to students' success. Survivors include Samuel Hulbert (HD, 2004) and three children, including Greg (CHE, 1983) and Jeff (ME, 1991).

## Administration



**Charles G. Howard**, 70, died July 22, 2015, in Crawfordsville, Indiana. He retired in 2005 as vice president and dean of admissions at Rose-Hulman, ending a 37-year career of recruiting America's best students—playing a vital role in the institute's rise to national prominence. His leadership was also a key factor in

Rose-Hulman's successful transition to a coeducational college in 1995. Howard was presented an honorary doctorate from the college; received the President's Outstanding Service Award and the Alumni Association's Honorary Alumnus Award; and inducted into the Athletic Hall of Fame. The Office of Admissions Welcome Center was named in his honor late this spring, and the institute presents the Charles G. Howard Outstanding Counselor Award each spring to a high-school guidance counselor.

was owner of the Rennels TV & Appliance store in Charleston from 1987 to 2010.

1978

**Daniel R. Taylor** (ME), 59, died May 1, 2015, in Baltimore, Ohio. Daniel was president of his own engineering company.

## Friend

**Werner E. Neuman**, 89, died June 14, 2015, in Boulder, Colorado. His company, Corcom, developed electronic components featured in personal computers and other digital devices. He retired in 2000 and used his personal wealth to support Rose-Hulman and other entities important to his interest in electronics. ■

**WE WANT YOUR NEWS** | Share news and photographs at [alumniaffairs@rose-hulman.edu](mailto:alumniaffairs@rose-hulman.edu).



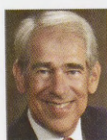
## ALUMNI NEWS

### 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 performance.

#### HONOR ALUMNI AWARD—September 19

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.



**JAMES BAUMGARDT, HD**  
CHE, 1970  
Chairman,  
NICO Corporation



**GENE LEOEUF, PhD**  
CE, 1985  
Associate Chair,  
Vanderbilt University



**WES BOLSEN**  
EE, 2000  
Leadership Team,  
Cool Planet



**WARREN MICKENS, HD**  
ME, 1977  
Vice President,  
CenturyLink

#### DISTINGUISHED YOUNG ALUMNI AWARD—September 19

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.



**MICHAEL HAUGHNEY**  
ME, 2007  
Manager,  
Caterpillar Inc.



**STEVEN SCHMITZ**  
ME, 2007  
Manager,  
SpaceX



**CHARLIE KEY**  
CPE, 2007  
Senior Director,  
Progress Software



**DEREK TROBAUGH**  
AB, 2006  
Researcher,  
Univ. of Pittsburgh

#### ATHLETIC HALL OF FAME—October 24

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



**LAUREN CLARK**  
AB, 2005  
Softball



**LINDSEY (KERBEL) SUTTON**  
ME, 2005  
Volleyball



**PHILIP GRIFFITH**  
CE, 2005  
Basketball



**SCOTT TOURVILLE**  
CE, 2005  
Baseball



**BILL OLAH, JD**  
BIO, 1974  
Golf

Jess Lucas, former campus administrator, will be honored posthumously for his contributions. ■

## ALUMNI CALENDAR

Check the latest events at [rosestem.rose-hulman.edu/events](http://rosestem.rose-hulman.edu/events)

#### SPECIAL ALUMNI EVENTS

Chauncey Day | **September 10**  
Chauncey Day Happy Hour, Greensboro/Winston Salem, N.C. | **September 10**  
Fall Career Fair | **September 16**  
Early Bird Homecoming Alumni Reception | **September 17**  
Peoria Summer Gathering | **September 24**  
Big Bad Voodoo Daddy Show Reception | **September 24**  
Chauncey Cup Men's Golf Scramble | **October 3**  
Engineers Without Borders' 5K Run | **October 4**  
Lee Ann Womack Show Reception | **October 22**  
Nelson Illusions Show Reception | **October 24**  
New Orleans Saints vs. Indianapolis Colts Game | **October 25**  
Football Alumni Tailgate, Earlham College | **November 14**  
Glenn Miller Christmas Show Reception | **December 4**  
Pittsburgh Steelers vs Cincinnati Bengals Game | **December 13**

### HOMECOMING 2015

#### SEPTEMBER 18

**Alumni Golf Outing** | Hulman Links/Terre Haute Country Club, 8:15 a.m.  
**Heritage Society Luncheon** | Hulman Student Union, Noon  
**Men's & Women's Alumni Tennis Matches** | Joy Hulbert Courts, 4:30 p.m.  
**All Alumni Reception** | Hatfield Hall Lobby, 5-7:30 p.m.  
**Alumni Swimming Meet** | Sports and Recreation Center, 6:30 p.m.  
**Oakley Observatory Stargazing** | Oakley Observatory, 8 p.m.  
**Pep Rally/Bonfire** | Sports and Recreation Center, 8:30 p.m.  
**G.O.L.D. Party (Hosted by Class of 2010)** | Copper Bar, After Bonfire

#### SEPTEMBER 19

**5K Fun Run/Walk** | Sports and Recreation Center, 8 a.m.  
**Alumni Awards Breakfast** | Hulman Student Union, 8:30 a.m.  
**Alumni Baseball Game** | Art Nehf Field, 10 a.m.  
**Alumni Men's Soccer Match** | Jim Rendel Field, 10:30 a.m.  
**Logan Library Open House** | Logan Library, 10:30 a.m.-1 p.m.  
**Alumni Association Annual Meeting** | Hulman Student Union, 10:30 a.m.  
**Academic Department Open Houses** | Academic Buildings, 11 a.m.-1 p.m.  
**Tent City** | Cook Stadium Parking Lot, Noon  
**Football Game** | vs. Hanover College, 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.

#### SEPTEMBER 20

**RoseWood Couples Brunch** | St. Mary-of-the-Woods,  
10:45 a.m. to 1:15 p.m.

#### HOMECOMING CLASS REUNIONS | Chairpersons

##### SEPTEMBER 18

**1955** | Hulman Student Union, 6 p.m. | *Jim Lott/Bud Hall*  
**1960** | Hulman Student Union, 6 p.m. | *Bill Perkins*  
**1965** | Hulman Student Union, 6 p.m. | *Elmer Guerri*  
**2010** | Copper Bar, 9 p.m. | *Ben Smith*

##### SEPTEMBER 19

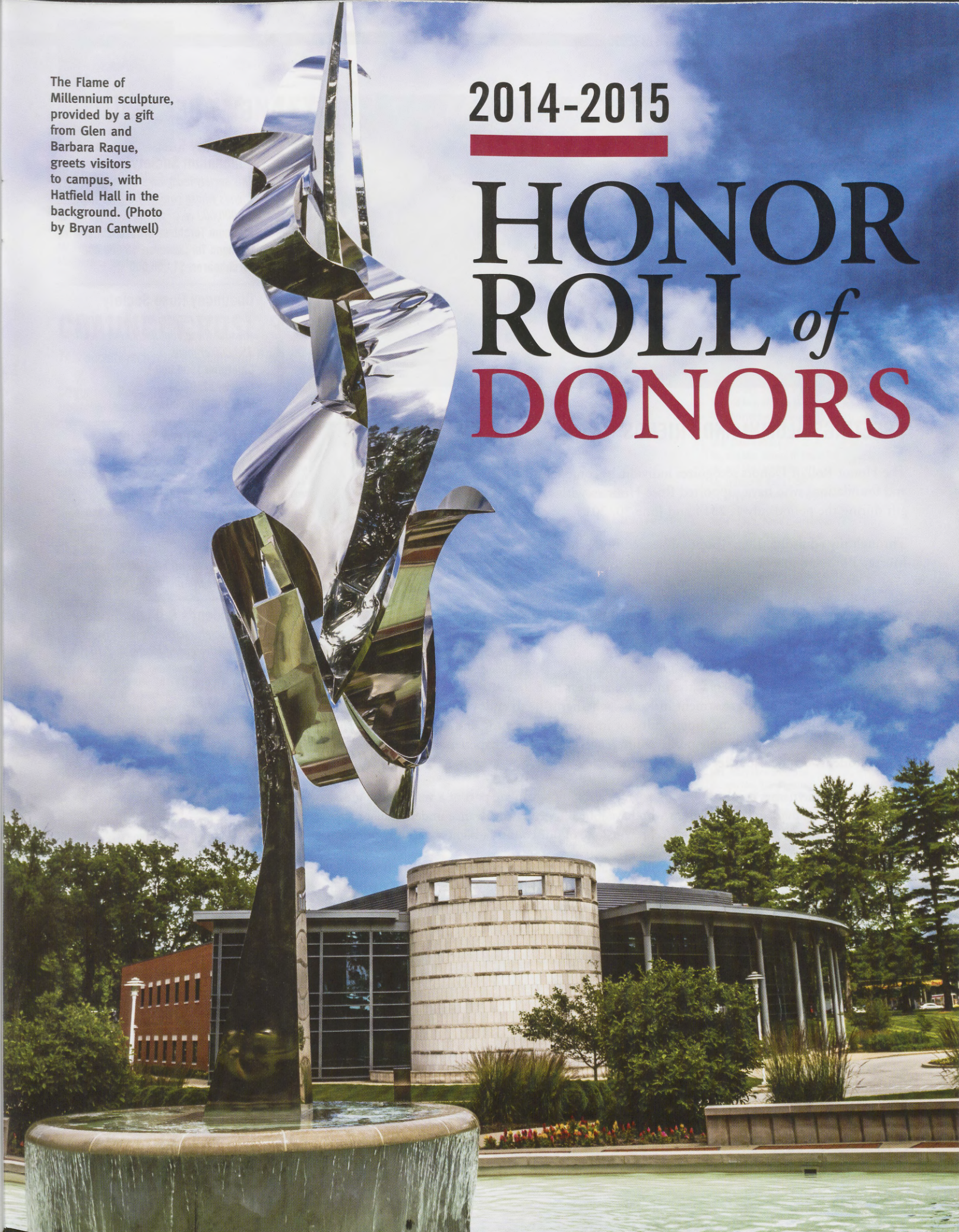
**1970** | The Ohio Building, 6 p.m.  
**1975** | Hulman Student Union, 6 p.m. | *Dan Price*  
**1980** | The Ohio Building, 6 p.m. | *Chuck Sigman*  
**1985** | Stables Steakhouse, 6 p.m. | *Garth Ash*  
**1990** | The Ohio Building, 6 p.m.  
**1995** | The Ohio Building, 6 p.m.  
**2000** | The Ohio Building, 6 p.m. | *Christine Bach*  
**2005** | Clabber Girl Museum, 6 p.m. | *Kim Smith*



The Flame of  
Millennium sculpture,  
provided by a gift  
from Glen and  
Barbara Raque,  
greet visitors  
to campus, with  
Hatfield Hall in the  
background. (Photo  
by Bryan Cantwell)

2014-2015

# HONOR ROLL *of* DONORS







## GREETINGS ALUMNI AND FRIENDS

The Honor Roll of Donors recognizes individuals, companies, and foundations who have supported Rose-Hulman with a gift during the period July 1, 2014 and June 30, 2015.

Through my adult life, I have been influenced by Nicholas Murray Butler's quote about people, which reads as follows:

"People can be divided into three groups: those who make things happen, those who watch things happen, and those who wonder what happened."

Each of you contributing to Rose has made a conscious decision to make things happen at the institute, and for that we are most grateful. Your investment in Rose—whether it be to endow a student scholarship, enhance the work of our outstanding faculty, or improve the teaching and learning spaces on campus—has made a measureable positive difference in the "Rose Experience," and helped many of our students on their journey toward greatness.

As you review the names on the following pages, please know you are part of a very special group of individuals, companies, and foundations who have joined together to advance undergraduate science, engineering, and math education which represents one of our country's highest national priorities.

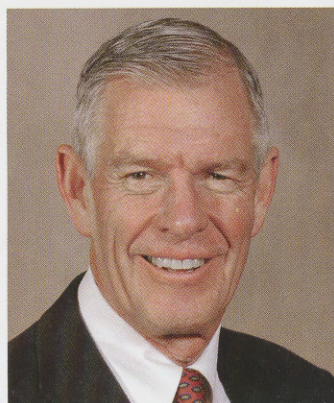
You are making things happen at Rose-Hulman, and through your generosity, our students and faculty are having a better educational experience, and over time will be making significant contributions to improving the quality of life for all of us.

Best Regards,

Doug Smith  
Interim Vice-President for Institutional Advancement

The following pages recognize gifts from donors of \$250 or more received July 1, 2014 to June 30, 2015. The Rose-Hulman website [rose-hulman.edu/honorrollofdonors](http://rose-hulman.edu/honorrollofdonors) provides a complete listing of all donors contributing during the 2014-15 fundraising year.

Please direct questions or comments to the Office of Institutional Advancement at 812-877-8453 or [DevelopmentOffice@rose-hulman.edu](mailto:DevelopmentOffice@rose-hulman.edu).



Doug Smith

## GIFT RECOGNITION

### Chauncey Rose Millennium Society

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

**Platinum Torchbearer: \$10,000,000**

**Diamond Torchbearer: \$5,000,000**

**Torchbearer: \$1,000,000**

### Chauncey Rose Society

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

**Chieftain: \$500,000**

**Fellow: \$250,000**

**Member: \$50,000**

### 1874 Heritage Society

*This society recognizes alumni 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.*

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

*This society recognizes young alumni cumulative giving for the first 10 years following graduation.*

**Gold: \$5,000**

**Silver: \$2,500**

**Bronze: \$1,000**

### Annual Giving Circles

*This society recognizes annual gifts from July 1, 2014 through June 30, 2015.*

**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**

### Varsity R

*This society recognizes annual gifts to the athletic department or recreational programs from July 1, 2014 through June 30, 2015.*

**1888 Circle**

**Hall of Fame: \$5,000 and above**

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

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

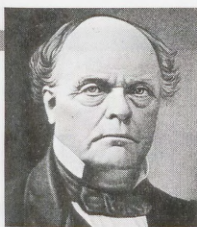
**Rosie Circle**

**Gold: \$500 to \$999**

**Silver: \$250 to \$499**

**Bronze: \$100 to \$249**





## CHAUNCEY ROSE MILLENNIUM SOCIETY

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

### Platinum Torchbearer

\$10,000,000 and above

Mr. and Mrs. Anton H. George 'H'03  
Ms. Mari Hulman George 'H'98  
Mr. and Mrs. Michael L. Hatfield '84 H'04  
Mrs. Theresa Vonderschmitt

### Diamond Torchbearer

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

Mr. and Mrs. Carl Cook H'15  
Mr. and Mrs. Niles L. Noblitt '73 H'96  
Mrs. Christa Percopo

### Torchbearer

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

Mrs. Gayle Cook  
Mr. and Mrs. Mac Fehsenfeld '52 H'95  
Mr. William R. Fenoglio and  
Mrs. Stephanie Salter '61 H'87  
Mr. and Mrs. Gregory L. Gibson '84

Mr. and Mrs. David L. Hannum '81  
Mr. and Mrs. Gregg A. Lowe '84 H'14  
Mr. W. Darin Moody '87  
Mr. and Mrs. Eston L. Perry  
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 SOCIETY

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

### 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  
Mrs. Ruby Cooney  
Mrs. Marian Dedert  
Mr. and Mrs. James D. Dunlop, II '52  
Mr. and Mrs. Howard P. Freers '48 H'90  
Mrs. Muriel Hannig  
Dr. and Mrs. G. Felda Hardymon '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. and Mrs. Donald M. Ings '70 H'99  
Mrs. Louise Kahn\*  
Mr. and Mrs. Edward P. Kelley '64  
Mr. Milton J. Lowenstein '48 H'95  
Dr. and Mrs. Chris A. Mack '82  
Mr. and Mrs. Fred Maienschein '45  
Mr. and Mrs. Jeffrey S. McCreary '79 H'04  
Dr. and Mrs. David C. Mitchell '48 H'83  
Mrs. Marjorie Pearce  
Ms. A. Janet Raines  
Mr. Ronald G. Reeves '58 H'97  
Mr. and Mrs. Burton E. Rossiter '69  
Mr. and Mrs. John N. Royse H'00  
Mr. and Mrs. William D. Schindel '69 H'01  
Mr. and Mrs. Donald W. Scott  
Mr. 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. Almquist 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. 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. James W. Gidcumb '76  
Mrs. Marcella F. Guthrie  
Mrs. Frances B. Keating  
Mr. Charles F.\* '58 and Mrs. Arlene Kleptz  
Mr. and Mrs. Andre B. Lacy H'85  
Mr. and Mrs. John K. Malmquist '69  
Mrs. Cindy S. Martin and Mr. James Martin  
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  
Mrs. Sally Vance  
Mr. Stephen R. White '73  
Mrs. Marilyn Winters

### Chauncey Rose Society Members

\$50,000 to \$249,999

Dr. and Mrs. Ronald S. Artigue  
Mr. Frank Aten  
Mr. Michael J. Bach '99 and  
Mrs. Christine M. Bach '00  
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. Bloxome '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  
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  
Dr. and Mrs. James C. Conwell  
Mr. and Mrs. James M. Cornelius  
Mr. and Mrs. Robert L. Crowell '84  
Mrs. Salome Demaree\*  
Mrs. Joe Sue Denney  
Mr. and Mrs. Thomas T. Dinkel '72 H'15  
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 Giacometto  
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. 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. Robert J. Hillis '69 H'13  
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  
Dr. and Mrs. G. Thomas Holmes '64  
Frank and Linda Huff '60  
Mr. Jack R. Hughes '55  
Mrs. Julie Humphrey Nimmons  
Mr. and Mrs. Howard H. Irvin '43 H'87  
Mr. and Mrs. R. Neil Irwin  
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. Philip S. Jones '56  
Mr. Irvin Keeler '42  
Mr. and Mrs. L. Birt Kellam '56  
Mr. R. Tim Kelley\* '49 and Mrs. Barbara A. Kelley  
Ralph and Joyce Kirkpatrick '74  
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  
Mr. and Mrs. Kenny M. McCleary '83  
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  
Mrs. Roberta J. Moody  
Dr. and Mrs. Noel E. Moore  
Mr. Joseph H. Moss\* and Mrs. Nena Moss  
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. 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  
Mr. Christopher A. Olinger '15  
Mr. and Mrs. Allen Olinger  
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  
Willis and Nan Rose '47  
Mr. and Mrs. Milton M. Sanders '58  
Mr. and Mrs. Robert J. Schacht '72  
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  
Mr. and Mrs. Robert J. Stone '86  
Mrs. Naomi L. Summerlot  
Mrs. Ronni Templeton  
Mr. and Mrs. Thomas E. Templeton  
Mr. Lawrence D. Thomas '57  
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

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



1874

## 1874 HERITAGE SOCIETY

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

Mr. James S. Abel '65  
 Mr. and Mrs. Donald J. Almquist '93  
 Mr. Frank Aten  
 Mr. Jerry D. Badger '62  
 Mr. and Mrs. Scott R. Bagwell '80  
 Mr. and Mrs. Dennis C. Banks '70  
 Mr. Hugh J. Baker, III\* and Mrs. Priscilla Baker  
 Mr. David J. Baumann '77  
 Mr. and Mrs. James R. Baumgardt '70  
 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. and Mrs. James A. Brewer '05  
 Mr. and Mrs. Robert E. Bright '57 H'01  
 Barlow and Ursula Brooks '59  
 Mr. and Mrs. H. D. Brown, Jr. '57 H'00  
 Mr. and Mrs. Morgan M. Bruck '69  
 Mr. and Mrs. Ronald L. Brunner '52  
 Paul and Jean Buechler '76  
 Mr. and Mrs. Scott N. Carney '77  
 Donald and Judy Carrell '57  
 Dr. Mary Ann Carroll  
 Mrs. Kathleen Cavanaugh\*  
 Mrs. Jennifer M. Chagnon and  
 Mr. Armands Chagnon '02  
 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  
 Mr. and Mrs. Robert L. Connon '73  
 Mrs. Ruby Cooney  
 Terry P. Corbin '70  
 Mr. and Mrs. Kenneth Cornelison '74  
 Mr. and Mrs. William Correll  
 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  
 Mrs. Margaret M. Davis  
 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 & 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. Finrock '76  
 Mr. Raymond L. Fischer '90  
 Mr. and Mrs. William E. Fleenor '70  
 Mr. and Mrs. Jack L. Foltz '57 H'99  
 Mr. and Mrs. Kevin H. Forbes '85  
 Mr. and Mrs. Michael D. Foster '94  
 Mr. Ray V. Frischkorn\* '65 and Mrs. Susan Frischkorn  
 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. and Mrs. Charles Good  
 Mr. and Mrs. Paul G. Goss '64  
 Mr. Robert W. Grabbe '74  
 Mr. and Mrs. Fred J. Gradous, Jr. '49  
 Mr. and Mrs. L. Joseph Grafe '69  
 Mr. and Mrs. Charles W. Graham '76  
 Mr. Jarrod K. Gray '02  
 Mr. Michael Griswold  
 Mr. and Mrs. Thomas F. Gruenholz '71  
 Mr. and Mrs. James R. Grundy '67  
 Mr. and Mrs. Elmer A. Guerri '65  
 Mrs. Marcella F. Guthrie  
 Ms. Carolyn J. Guzik '12  
 Lieutenant Timothy P. Hachfeld '08  
 Mr. and Mrs. Denzil L. Hammond '50  
 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  
 Mr. and Mrs. James R. Hegarty '76  
 Dr. Carl T. Herakovich '59 and Mrs. Marlene Herakovich  
 Mr. and Mrs. James W. Hicks '73  
 Mr. and Mrs. M. Troy Hill, Jr. '61  
 Rob and Linda Hochstetler '91  
 Mr. and Mrs. David D. Hoecker '69  
 Mr. and Mrs. David L. Hohlfield '69  
 Alan and Peg Hoskin '68  
 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. Jaksa '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  
 Mrs. Louise Kahn\*  
 Mr. John W. Katzebeck, Jr. '67  
 Mrs. Frances B. Keating  
 Mr. Irvin H. Keeler '42  
 Jeff and Lorna Keeler '66  
 Mr. and Mrs. Edward P. Kelley '64  
 Mr. R. Tim Kelley\* '49 and Mrs. Barbara A. Kelley  
 Mr. and Mrs. David J. Kelton '67  
 Norm and Teri Klein '72  
 Mr. Charles F. Kleptz\* '58 and Mrs. Arlene Kleptz  
 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. David N. Leidencker '80  
 Mr. and Mrs. Larry F. Leonard '52  
 Mrs. Jo Leshner

Dr. and Mrs. Henry S. Lewandowski '82  
 Mr. William A. Lindstaedt '86  
 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. McCleary '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  
 Mr. and Mrs. Michael J. McPherron '79  
 Mrs. Alane Meis and Mr. Lucien Meis  
 Mr. and Mrs. Karl C. Menke '81  
 Mr. and Mrs. Bradley A. Miller '94  
 Mr. and Mrs. James R. Milne '86  
 Mr. and Mrs. John C. Minor '91  
 Dr. and Mrs. David C. Mitchell '48 H'83  
 Ralph and Sue Mitchell '47 H'94  
 Mrs. Roberta J. Moody  
 Mr. W. Darin Moody '87  
 Dr. and Mrs. Noel E. Moore  
 Mr. Joseph H. Moss\* and Mrs. Nena Moss  
 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  
 Mr. and Mrs. Stephen J. O'Neill '63  
 Dr. and Mrs. William G. Ovens  
 Mr. and Mrs. Robert L. Overpeck '57  
 Mr. and Mrs. Mark T. Owens '72  
 Mr. and Mrs. Norman L. Owens '78  
 Mr. and Mrs. Adam M. Parin '02  
 Dr. Dennis J. Paustenbach '74 H'07  
 Mrs. Sue E. Penrose  
 Mrs. Christa Percopo  
 Mr. Gary W. Phipps '60  
 Mr. and Mrs. J. Anthony Poparad '90  
 Mrs. Jean E. Raab  
 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  
 David L. and Linda C. Roberts '63  
 Brent and Diane Robertson '62  
 Mr. and Mrs. David L. Robinson '73  
 Mr. and Mrs. Burton E. Rossiter '69  
 Mr. Robert L. Royer '49  
 Mr. and Mrs. John N. Royse H'00  
 Mr. and Mrs. Paul E. Rupperecht, III '80  
 Mr. Randy G. Russell '79  
 Mr. and Mrs. Milton M. Sanders '58  
 Mr. and Mrs. Paul D. Scheibelhut '71  
 Mr. and Mrs. William M. Schott '74  
 Mr. and Mrs. Robert W. Schwiery '49  
 Mr. and Mrs. Donald W. Scott  
 Mrs. and Mrs. Joseph D. Sereno '82

Mrs. Louise Shattuck  
 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. Solter '83  
 Mr. and Mrs. Donald L. Sparks '72  
 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  
 Mr. and Mrs. Raymond L. Summerlot '74  
 Dr. James and Isabel Summers '62  
 Mrs. June Swango  
 Mr. Petras J. Swisler '12  
 Gary and Carolyn Tate '58  
 Mr. and Mrs. James E. Tatooles '55  
 Mr. Jackie E. Taylor '83  
 Mr. Lawrence D. Thomas '57  
 Mr. and Mrs. Gerald L. Thomas  
 Mr. John V. Tittsworth '49 H'80  
 Mr. Ralph L. Trimble\* '49  
 Mr. Jeffrey Tunis  
 Mr. and Mrs. Gary Tyrell '90  
 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. 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. Wiesenberger '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  
 Mr. Larry R. Wilson '59  
 Mrs. Marilyn Winters  
 Mr. Robert G. Woolf '90  
 Mr. and Mrs. James L. Worick '49  
 Mr. and Mrs. Xiaofeng Xu '95  
 Mr. and Mrs. David W. Zabel '86  
 Mr. Roger Zygmunt



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

*This society recognizes young alumni cumulative giving for the first 10 years following graduation.*

### Gold

\$5,000 and above

Mr. Kyle M. Beaty '10  
Mr. Christopher Biggers '05  
Mr. Eric M. Borzello '05  
Mr. Nathan A. Carlson '07  
Mr. James J. Compton '06  
Mrs. Rebecca K. Crecelius '05  
Mr. Matthew D. DeVries '08 and  
Mrs. Samantha R. DeVries '08  
Mr. Elliot I. Goodman '07  
Michael Gough '07  
Mr. Justin R. Harger '05  
Mr. Sean B. Jessup '08  
Mr. Andrew T. Jordan '12  
Mr. Frank H. Levinson '03 and  
Mrs. Rebecca M. Levinson '05  
Mr. Keenan C. Long '10  
Mr. Eric D. Monhaut '06  
Eric '02 and Christine Nelson '06  
Mr. Kyle D. Overmyer '09 and  
Mrs. Dianna Artigue Overmyer '04  
Brodie Smith '06  
Mr. Ryan M. Snyder '05  
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. Riley S. Buttry '07  
Mr. Noah L. Desch '07 and  
Mrs. Rebecca J. Desch '07  
Ms. Morgan C. Dumm '12  
Mr. Timothy L. Ekl '11  
Ms. Ashley M. Erffmeyer '08  
Ms. Lindsey M. Frothingham '07  
Mr. Wesley T. Gearhart '05 and  
Mrs. Krista N. Gearhart '05  
Dr. Amanda E. Gehring '08 and  
Mr. Ryan M. Smeltzer '10  
Ms. Victoria M. Hampton '06  
Mr. Cory J. Howell '05  
Mr. Albert C. Johnson '11  
Alexandra Joyce '08  
Mrs. Elizabeth J. Krasowski '09  
Mr. Matthew B. Longbrake '07  
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. Matthew J. Moravec '13  
Ms. Jennifer S. Morrison '06  
Mr. Kevin T. Nelson '08  
Mr. Kevin P. Newcomer '09  
Mr. Stephen C. Owen '11 and  
Mrs. Theresa R. Owen '11  
Mr. Juan L. Paz '07 and Mrs.  
Jennifer M. Paz '09  
Mr. Nicholas A. Philbrook '06  
Mr. Evan J. Ramey '05  
Dave Schluneker '08  
Mr. Guy P. Srinivasan '05  
Ms. Krista M. Telljohann '12  
Mr. Mitchell D. Thieme '11

Mr. Matthew A. Trowbridge '08  
The Twarek Family '05  
Ms. Stefani Vande Lune '06

### Bronze

\$1,000 to \$2,499

Mr. David J. Anderson '07  
Mr. Joseph K. Ausserer '10  
Mr. David M. Bauman '07  
Mr. Matthew R. Baumgart '05  
Mr. James N. Baxter '06  
Mr. Jacob A. Beaty '12  
Mr. Jerry C. Belton, II '11  
Mr. Steven C. Bennett '09 and  
Mrs. Abigail K. Bennett '10  
Mr. Joseph A. Berg '07  
Mr. Bryce Borchers '09  
Mr. Joshua E. Bowman '06 and  
Mrs. Laura C. Bowman '06  
Ms. Mary E. Brackin '06  
Mr. Glen T. Buckner '09  
Mr. Brian P. Buetow '11  
Mr. Thomas M. Buetow '08  
Mr. Joshua W. Burbrink '09  
Mr. Landry A. Carbo '10  
Mr. David J. Cloutier '07  
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. Pablo C. Corrales '09  
Mr. Andrew B. Corsten '11  
Mr. Benjamin M. Decker '09  
Mr. Richard A. Dempsey '12  
Mr. Joel M. Derby '07  
Mr. Richard T. Do '07  
Mr. Gregory P. Dopka, Jr. '08  
Ms. Stephanie L. Drenten '11  
Mr. Justin A. Druba '10 and  
Mrs. Mychal A. Druba '11  
Ms. Emily L. Eckstein '13  
Mr. Thomas W. Eline '08  
Mr. David E. Ellestad '09  
Ms. Cheryl J. Fang '05  
Julie Fisher '12  
Mr. Ted E. Frater '10  
Mr. Shane I. Frederick '05  
Mr. Jonathon M. Fruchte '05 and  
Mrs. Megan B. Fruchte '06  
Mr. Matthew B. Fuson '13  
Mr. Christopher J. Galler '11  
Mr. Stephen F. Galler '05  
Mr. Jonathon C. Gissentanner '13  
Mr. Maxwell A. Grove '12  
Lieutenant Timothy P. Hachfeld '08  
Mr. Nicolas S. Hamilton '09  
Mr. and Mrs. Christopher P. Hansen '08  
Mr. Kyle A. Hassler '06  
Dr. Adam K. Haste '06  
Mr. Michael R. Haughey '07  
Mr. Matthew J. Hollander '08  
Mr. Douglas J. Howell '08  
Mr. Mark J. Intihar '09  
Mr. Mitchell P. Ishmael '11  
Mr. Benjamin E. Jackson '09  
Ms. Shannon R. Jaquess '07  
Mr. Adam P. Jarboe '05

Mr. Steven T. Jugle '07  
Mr. Christopher M. Katinas '05 and  
Mrs. Jade M. Katinas '05  
Mr. Charles E. Key '07 and  
Mrs. Caroline E. Key '06  
Mr. Javid A. Khan '07  
Mrs. Erin L. Kimble '10  
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  
Mr. Benjamin T. Lauer '08  
Kristina Lawyer '08  
Mr. Nicholas R. Lester '08  
Mr. Fredrick K. Lintz '06  
Mr. Gregory D. Lyons '06 and  
Mrs. Jesseca R. Lyons '07  
Mr. William MacLeod '05  
Mr. Luke A. Mehringer '12  
Mr. Phillip N. Meiser '09  
Mr. Mark A. Memering '08  
Mr. Michael A. Mrozek '09  
Mr. Alexander J. Mullans '13  
Mr. Eric A. Nees '07  
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. Thomas S. Reives '08  
Mr. Kyle A. Rhodes '10  
Mr. David P. Rickard '05  
Mr. Guillaume D. Rousson '09  
Mr. Eric M. Schue '07  
Ms. Melissa N. Schwenk '12  
Ms. Dana M. Scully '06  
Mr. James A. Sedoff '09  
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  
Mrs. Heidi L. Stamets '07  
Mr. Daniel L. Stanage '10  
Ms. Annmarie D. Stanley '11  
Mr. John R. Stargel '09  
Mr. Todd M. Stout '07  
Mr. Corey J. Sweatt '07  
Mr. Travis C. Toms '08  
Mr. Adam F. Traeger '09  
Ms. Amelia B. Turner '11  
Mr. Charles J. Tuskan, III '10  
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

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

## VARSITY R PATRONS

*This society recognizes annual gifts to the athletic department or recreational programs from July 1, 2014 through June 30, 2015.*

### 1888 CIRCLE

#### Hall of Fame

\$5,000 and above

Mr. and Mrs. Gregory L. Gibson '84  
Mr. and Mrs. Max Gibson  
Mr. and Mrs. Patrick J. Noyes '76  
Mr. and Mrs. Allen Olinger  
Mr. Christopher A. Olinger '15  
Mrs. Mary G. Witsken

#### All-American

\$2,500 to \$4,999

Mr. Charles S. Brown  
Mr. and Mrs. Scott Buchta  
Dr. and Mrs. James C. Conwell  
John '59 and Margo Fenoglio  
Mr. Ernest R. Jones '73

#### All-Conference

\$1,000 to \$2,499

Dr. and Mrs. Ronald S. Artigue  
Mr. and Mrs. Thomas Dever  
Julie '12 and Eric Fisher  
Mr. Jonathon C. Gissentanner '13  
Mr. and Mrs. Patrick C. Grace '00  
Mr. Peter A. Gustafson and  
Mrs. Donna J. Gustafson  
Mr. and Mrs. Joseph E. Haniford '80  
Mr. and Mrs. Joshua Howie  
Raymond and Peggy Jirousek '70  
Dr. Jeffrey A. Justus '78  
Mr. David D. Lawrence '00 and  
Mrs. Jennifer L. Lawrence '02  
Mr. and Mrs. William M. Olah '74  
Mr. Matthew D. Rinklin  
Ms. Claire E. Stark '14  
Mr. Charles J. Tuskan, III '10

### ROSIE CIRCLE

#### Gold

\$500 to \$999

Mr. and Mrs. Christopher K. Aimone  
Mr. and Mrs. David H. Badger '53  
Mr. and Mrs. Brennan D. Banion '74  
Mike '85 and Lori Cain  
Mr. Dedric A. Day '03 and  
Mrs. Alicia K. Day '03  
Mr. Tyler T. Hannan '13  
Mr. and Mrs. Steve Harker  
Mr. Erik Z. Hayes '97 and  
Mrs. Melinda M. Hayes  
Mr. Grant T. Hoffman '03 and Dr.  
Michelle D. Hoffman  
Mr. and Mrs. James A. Jacobi '95  
Mr. and Mrs. Jeffrey Jenkins  
Dr. and Mrs. William A. Kline  
Mr. and Mrs. Kevin R. Lanke '97  
Mr. and Mrs. John E. Leonard '69  
Mr. and Mrs. John Levitt  
Drs. Dennis and Susan Maier  
Mr. and Mrs. Brent A. Mewhinney '84  
Mr. and Mrs. Alan P. Morrison  
Mr. and Mrs. Gregory H. Perez  
Mrs. Paula A. Schultz '06 and

Mr. Joshua Schultz  
Mr. and Mrs. Matthew D. Sinclair  
Mr. and Mrs. Travis D. Soyer '01  
Mr. Joseph F. Touchton  
Ms. Juliana C. Van Winkle '01  
Mr. and Mrs. Harry J. Westerkamp '85  
Mr. and Mrs. Stanley Woszczyński '80

#### Silver

\$250 to \$499

Drs. Bryan R. and Cynthia Benedict  
Mr. and Mrs. Trent L. Bennett '87  
Mr. and Mrs. Ronald Bickel  
Mr. Gilbert M. Bosworth '66  
Mr. and Mrs. Thomas A. Butwin '71  
Mr. and Mrs. Philip Cammenga  
Mr. and Mrs. Jim K. Chandler  
Mr. and Mrs. Tim J. Cindric '90  
Mr. and Mrs. Larry M. Cole  
Mr. and Mrs. Jeffrey Decker  
Mr. and Mrs. Max R. Dugger, Jr.  
Mr. Jeremiah M. Edwards '13  
Mr. William R. Fenoglio '61 H'87 and  
Mrs. Stephanie Salter  
Mr. and Mrs. Vernon Harkins  
Mr. Kenneth J. Hilk '81  
Mr. and Mrs. Willard R. Holland, Jr. '65 H'96  
Mr. and Mrs. J. Daniel Hopkins  
Mr. and Mrs. Robert T. Hopkins '85  
Mr. and Mrs. Ronald R. Jennings '60  
Mr. and Mrs. Matthew J. Jensen '06  
Mr. and Mrs. William Johnson  
Mr. and Mrs. Kevin K. Kingery '77  
Norm and Teri Klein '72  
Mrs. Elizabeth J. Krasowski '09 and  
Mr. Matthew Krasowski  
Mr. and Mrs. Matthew M. LaCross '09  
Ms. Colleen R. Lasher  
John "Pete" Lee '45  
Mr. and Mrs. Owen B. March '56  
Mr. and Mrs. Matthew McGoff  
Mr. and Mrs. Todd Miller  
Larry '61 and Faye Myers  
Dr. and Mrs. William Nash  
Mr. Jordan T. Nielson '12  
Mr. and Mrs. Donald C. Owens '50  
Mr. Matthew P. Repking '08  
Mr. and Mrs. Matthew F. Rocco  
Mr. Jeremy P. Roehm '02  
Dr. and Mrs. Larry A. Sachs '66  
Mr. and Mrs. Sherley W. Sample '71  
Mr. and Mrs. William W. Sisson  
Mr. Troy R. Snider '82  
Mr. Daniel L. Stanage '10  
Mr. and Mrs. Cary P. Stokes '84  
Mr. Julian O. Strickland '14  
Mr. and Mrs. Raymond L. Summerlot '74  
Mr. and Mrs. Timothy M. Swan '03  
Mr. and Mrs. Andrew J. Tochterman '01  
Ms. Amelia B. Turner '11  
Mr. Roger R. VanDerSnick '85  
Mr. and Mrs. Roger C. Ward '71  
Mr. Austin J. Weatherford '13  
Mr. and Mrs. William W. White, Jr. '57  
Bob '56 and Dena Young



# ANNUAL GIVING CIRCLES

*This society recognizes annual gifts from July 1, 2014 through June 30, 2015.*

## Herman Moench Circle \$25,000 and above

Mr. Jerry D. Badger '62  
John '65 and Susan Boyer  
Mr. and Mrs. John S. Chinn '56  
Mr. Andrew B. Conru '90  
Mr. and Mrs. Carl Cook H'15  
Mr. and Mrs. Mac Fehsenfeld '52 H'95  
Mr. William R. Fenoglio '61 H'87 and  
Mrs. Stephanie Salter  
Mr. and Mrs. Marshall D. Garino '61  
Mr. and Mrs. Anton H. George H'03  
Ms. Mari Hulman George H'98  
Ms. Carol Giacchetto  
Mr. and Mrs. Gregory L. Gibson '84  
Mr. and Mrs. Max Gibson  
Mr. and Mrs. Elmer A. Guerri '65  
Mr. and Mrs. Lee Guthrie  
Mrs. Marcella F. Guthrie  
Dr. and Mrs. G. Felda Hardyman '69 H'13  
Mr. and Mrs. Robert J. Hillis '69 H'13  
Dr. and Mrs. G. Thomas Holmes '64  
Mr. and Mrs. Donald M. Ings '70 H'99  
Mrs. Louise Kahn\*  
Ralph and Joyce Kirkpatrick '74  
Mr. and Mrs. Scott T. Lewis '97  
Mr. and Mrs. Gregg A. Lowe '84 H'14  
Dr. and Mrs. Chris A. Mack '82  
Mrs. Cindy S. Martin and  
Mr. James Martin  
Ms. Kelsey E. Martin  
Mr. W. Darin Moody '87  
Mrs. Nena Moss  
Mr. and Mrs. Michael A. Mussallem  
'74 H'99  
Mr. and Mrs. Niles L. Noblitt '73 H'96  
Mr. Christopher A. Olinger '15  
Mr. and Mrs. Eston L. Perry  
Mr. and Mrs. Jeffrey Perry  
Mrs. Kathy A. Perry and Mr. Russell Perry  
Willis '47 and Nan Rose  
Mr. and Mrs. Robert W. Schwiier '49  
Mr. Douglas Stewart  
Mr. Ralph L. Trimble '49 \*  
D. James '80 and Katherine Umpleby

## Hulman Circle \$10,000 to \$24,999

Mr. Michael J. Bach '99 and  
Mrs. Christine M. Bach '00  
Mr. and Mrs. Jeffrey G. Belskus H'09  
Mr. and Mrs. Robert E. Bright '57 H'01  
Mr. and Mrs. B. Guille Cox, Jr. H'02  
Mr. and Mrs. Thomas T. Dinkel '72 H'15  
Roger Edelbrock '78  
Dr. J. Darrell Gibson and  
Mrs. Peijun Sun '94  
Mr. Peter A. Gustafson and  
Mrs. Donna J. Gustafson  
Dr. and Mrs. Jerome E. Hahn '62  
Mr. and Mrs. David L. Hannum '81  
Rex '54 and Marge Hauser  
Mr. Philip S. Jones '56  
Mr. and Mrs. John R. Mayo '92  
Mr. and Mrs. Kenny M. McCleary '83  
Mr. and Mrs. Jeffrey S. McCreary '79 H'04  
Mr. and Mrs. Edward A. Oblon '84

Mr. and Mrs. William S. Rowling '98  
Mr. and Mrs. John N. Royle H'00  
Mr. and Mrs. William D. Schindel '69 H'01  
Mike Schipper '82 and Joanna Brell  
Mr. and Mrs. Richard E. Schue '75  
Mr. Norman G. Schuld '65  
Mr. and Mrs. E. Mark Schulz '76  
Mr. and Mrs. L. Donald Simpson '57 H'94  
John '81 and Anne Swearingen  
Mr. and Mrs. Wilmont Vickrey  
Mr. and Mrs. Ralph E. Wagle '83  
Mr. Scott C. Webb '90  
Mrs. Mary Wehle '47  
Mr. and Mrs. William W. Weil '58  
Mr. and Mrs. Joseph A. Wendel '95  
Mr. M. Andrew Williams '88  
Mrs. Mary G. Witsken

## Founders Circle \$5,000 to \$9,999

Dr. and Mrs. Ronald S. Artigue  
Carl H. Bals '52  
Mr. and Mrs. Ronald L. Brunner '52  
Mr. and Mrs. Patrick H. Cahill '67  
Mr. and Mrs. Ron Carlson  
Mr. Nathan A. Carlson '07  
Mr. and Mrs. Scott N. Carney '77  
Dr. and Mrs. Phillip J. Cornwell  
Mr. and Mrs. Robert L. Crowell '84  
Mr. and Mrs. Richard Dovalovsky  
John and Margo Fenoglio '59  
Mr. James S. Freudenberg '78  
Mr. Paul J. and Mrs. Elaine  
Georgas, Jr. '77  
Mr. and Mrs. James W. Gidcumb '76  
Mr. and Mrs. Jeffrey S. Gilbert '85  
Mr. and Mrs. Stephen C. Gillman '79  
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. Robert H. Harrison '70  
Mr. and Mrs. Barton D. Hartsock '58  
Dr. William H. Heller '83  
Mr. and Mrs. Willard R. Holland, Jr.  
'65 H'96  
Mr. and Mrs. Ronald D. Hough '73  
Mr. and Mrs. Travis G. Ihnen '99  
Mr. Richard Johann  
Mr. Peter B. Lanham, III '57  
Mr. and Mrs. Robert P. Luoma '80  
Mr. and Mrs. John K. Malmquist '69  
Thomas O. McCormick '91  
Mr. and Mrs. Gregory A. Myers '80  
Arthur and Jo Ann Nelson '75  
Mr. and Mrs. James V. Nordmeyer '78  
Mr. and Mrs. Patrick J. Noyes '76  
Mr. Kyle D. Overmyer '09 and  
Mrs. Dianna Artigue Overmyer '04  
William C. and Phyllis L. Perkins '60  
Mr. and Mrs. Randall L. Potts '71  
Mr. and Mrs. Dan J. Price '75  
Mr. and Mrs. Gary M. Reynolds '63  
David L. and Linda C. Roberts '63  
Ms. Sarah A. Sanborn '04  
Mr. and Mrs. Robert J. Schacht '72  
Mr. and Mrs. Rodney G. Schrader '84  
Mr. and Mrs. Donald W. Scott

Mr. and Mrs. R. Allen Shipp '78  
Mr. and Mrs. Dennis A. Smith '71  
Mr. John P. Sparks '81  
Mrs. Naomi L. Summerlot  
Mr. and Mrs. Timothy N. Tipton '78  
Mr. and Mrs. Gary Tyrrell '90  
Mr. Daniel Unger '05 and  
Mrs. Bridget Unger '05  
Mrs. Sally Vance  
Mr. and Mrs. David A. Whiteley '78  
Mr. and Mrs. Robert Wilder  
Mr. and Mrs. Anthony J. Wilkerson '97  
Mr. Clyde F. Willian '52 H'95  
Mr. and Mrs. Douglas S. Winner '74  
Mr. and Mrs. E. Allen Wright '64  
Mr. and Mrs. Nathan H. Wright '88  
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  
Jim '71 and Mary Add Baker  
Mr. Bryan E. Bell '89  
Mr. Christopher M. Biggers '05  
Mr. and Mrs. David B. Boodt '81  
Mr. and Mrs. Alfred D. Bosley, Jr. '53  
Mr. and Mrs. Robert L. Bowen  
Mr. Charles S. Brown  
Mr. and Mrs. Morgan M. Bruck '69  
Mr. and Mrs. Timothy M. Bruemmer  
Mr. and Mrs. Scott Buchta  
Mr. and Mrs. Jeffrey B. Burgan '77  
Mr. and Mrs. Brian D. Byrer '85  
Mrs. Jennifer M. Chagnon '02 and  
Mr. Armands Chagnon  
Paul T. Chen '66  
Mr. and Mrs. Richard D. Conard '70  
Mr. and Mrs. Robert L. Connon '73  
Dr. and Mrs. James C. Conwell  
Mr. Robert A. Coons and  
Mrs. Tamera L. Coons  
Dr. and Mrs. Anthony D. Coopridge '86  
Mr. and Mrs. Marcelo S. Copat '84  
Mr. Daniel P. Costenaro '01 and  
Mrs. Michelle E. Costenaro '01  
Mr. and Mrs. Paul Curtin '80  
Mr. and Mrs. Wesley L. Davis '87  
Mr. and Mrs. Steven A. Eisenbrown '76  
Mr. and Mrs. Jack L. Foltz '57 H'99  
Mr. and Mrs. John R. Frischkorn '65  
Mr. Eugene H. Glass '49  
Mr. and Mrs. Stuart W. Gosch '80  
Michael Gough '07  
Mr. Donald A. Gunder '67  
Mr. and Mrs. Paul S. Hannah '67  
Dr. Robert A. Heaven '73  
Mr. and Mrs. Fred Henize  
Mr. Gregory L. Henneke '75 and  
Mrs. Martha O'Connor  
Mr. and Mrs. Mark J. Galambus '76  
Mr. and Mrs. Michael A. Haughney '75  
Mr. and Mrs. David D. Hoecker '69  
Mr. and Mrs. W.K. Hollingsworth '59  
Mr. and Mrs. R. Jed Holt '70  
Mr. and Mrs. Frank Huff '60  
Mr. and Mrs. R. Neil Irwin '63

Mr. and Mrs. John A. Jacobi '69  
Raymond '70 and Peggy Jirousek  
Mr. Robert E. Johnson '52  
Mr. Ernest R. Jones '73  
Mr. and Mrs. Peder Jungck  
Evan '89 and Mimi Kokoska  
Mr. David W. Kooyman '90  
Mrs. Elizabeth J. Krasowski '09 and  
Mr. Matthew Krasowski  
Mr. and Mrs. Richard J. Kremer '58  
Dr. and Mrs. Cary Laxer  
Mr. and Mrs. Danny W. Lenz '66  
Mr. Milton J. Lowenstein '48 H'95  
Mr. Michael J. Markowski '78 and  
Mrs. Diane Norman  
Mr. Rickey N. McCurry and  
Mrs. Sandra L. McCurry  
Mr. Samuel A. Miner  
Ms. Jennifer S. Morrison '06  
Mr. and Mrs. Scott M. Mottonen '87  
Eric '02 and Christine Nelson '06  
Mr. Kevin P. Newcomer '09  
Mr. and Mrs. Bradley R. Newman '84  
Mr. Lawrence L. Ogborn '54  
Mr. and Mrs. Robert W. Pease '80  
Mr. and Mrs. Shelton Poland  
Mr. Martin G. Rivers '84  
Mr. and Mrs. Randall A. Robertson '73  
Mrs. Renee M. Schwecke '98 and  
Mr. Scot Coffey  
Mr. James Shaw and  
Mrs. Francia Lange Shaw  
Mr. Gregory M. Shutske '71 and  
Mrs. Maria A. Markovich  
Mr. and Mrs. Scott D. Slusher '94  
Mr. and Mrs. P. Carter Smith '56 H'92  
Dr. and Mrs. Robert Steinhauer '54 H'98  
Mr. and Mrs. Allan W. Stiles '52  
Mr. and Mrs. Robert J. Stone '86  
Dr. James '62 and Isabel Summers  
Mr. Gregory C. Swinehart '83 and  
Mrs. Mitra Walter  
Mr. and Mrs. Daniel J. Teegarden '81  
Mr. Mitchell D. Thieme '11  
Mr. and Mrs. David A. Thomas '57  
Mr. and Mrs. Csaba Truckai  
Matt '93 and Mitzi Warstler  
Mr. and Mrs. Henry West  
Mr. and Mrs. Harry J. Westerkamp '75  
Mr. and Mrs. Edward B. Weston  
Mr. DanLin Xiang '97 and  
Mrs. Mingxia Cheng '96  
Mr. and Mrs. Floyd M. Yager '89

## Presidents Circle \$1,000 to \$2,499

Mr. James S. Abel '65  
Mr. and Mrs. Nicholas D. Adams '75  
Mr. and Mrs. Todd M. Adams '96  
Mr. George W. Allen, Jr. '67 and  
Mrs. Ann M. Collins  
Drs. Jameel Ahmed and  
Christine A. Buckley  
Mr. and Mrs. Christopher K. Aimone  
Mr. and Mrs. Philip R. Amick '80  
Dr. and Mrs. John S. Andersen '78  
Mr. Kenton L. Anderson '71

Mr. Jonathan E. Atkins '94  
Mr. and Mrs. David H. Badger '53  
Ms. Alison M. Bailey '03  
Mr. and Mrs. Raymond Baker, Jr. '51  
Phil Banet '91  
Mr. and Mrs. Brennan D. Banion '74  
Ms. Beth A. Bateman '99  
Mr. James N. Baxter '06  
Dr. and Mrs. Gordon L. Bechtel '82  
M. Alan '64 and Martha Bechtel  
Mr. J. Bradley Bechtel '92  
Mr. and Mrs. Casey B. Behringer '02  
Mr. and Mrs. John C. Beitz  
Mr. and Mrs. Morris K. Belknap '69  
Dr. and Mrs. Michael D. Bennett '73  
Mr. and Mrs. Douglas D. Bennett '69  
Mr. Steven C. Bennett '09 and  
Mrs. Abigail K. Bennett '10  
R. Larry '60 and Jackye Berger  
Mr. and Mrs. James A. Bertoli  
Mr. Daniel Berzsenyi '94 and  
Mrs. Agnes P. Berzsenyi '95  
Mr. and Mrs. William M. Bess '66  
Mr. and Mrs. John W. Bigland, Jr. '74  
Mr. and Mrs. John T. Bingle '84  
Dr. and Mrs. John A. Bismayer  
Mr. and Mrs. Jerry W. Bissey '72  
Dr. and Mrs. Bruce A. Black  
Steve '70 and Jane Blair  
Mr. and Mrs. Chris Bodenhorn '80  
Mr. and Mrs. Thomas J. Boehme '70  
Mr. and Mrs. Rodney K. Bogue '62  
Mr. and Mrs. William R. Bradford '86  
Ms. Kim J. Brand  
D. F. Brannon '56  
Dr. and Mrs. Ryan K. Brashear '95  
Dr. and Mrs. Ben F. Brian, III '82 H'04  
Mr. and Mrs. Richard I. Brinly '83  
Eric Brodeur '93 and Whitney Joondeth  
Mr. Christopher J. Brown '02  
Mr. and Mrs. H. D. Brown, Jr. '57 H'00  
Mr. and Mrs. Timothy G. Brown '82  
Mr. Jeffrey Brugos '66  
Mr. Peter C. Bryson '02  
Mr. Brian P. Buetow '11  
Mr. and Mrs. David A. Burgner '72  
Mr. Andre Burrell  
Mr. and Mrs. Robert W. Burwell '79  
Mr. and Mrs. Thomas C. Campbell '93  
Mr. Dale G. Carey '51  
Mr. Randy A. Carle  
Mr. Douglas A. Carlton '84  
Donald '57 and Judy Carrell  
Mr. and Mrs. Donald Carter  
Mr. Alan D. Carty '85  
Dr. Caroline Carvill  
Mrs. Jane S. Caughey  
Bill '53 and Jo Ann Chambers  
Mr. and Mrs. Brian Chappell  
Michael '61 and Mary Jane Clayton  
Mr. and Mrs. Alvin L. Cleek '64  
Mr. and Mrs. James M. Colligan  
Mr. Richard L. Conn '76  
Mr. and Mrs. Peter Cook  
Mr. and Mrs. James A. Cox '72  
Mr. and Mrs. Travis A. Coy '02



- Mrs. Rebecca K. Crecelius '05 and Mr. Rush Crecelius  
Mr. and Mrs. Michael T. Crist '91  
Hal '48 and Jo Cultice  
Mr. Lawrence J. Cuneo  
Mr. Marc A. Cwik '96  
Mr. and Mrs. Mike D'Agostino  
Willie '89 and Monika Daffron  
Major Kristen N. Dahle '99  
Mrs. Heidi E. Davidson '03 and Mr. James R. Davidson  
Mr. and Mrs. Robert W. Davignon  
Mr. Dedric A. Day '03 and Mrs. Alicia K. Day '03  
Melvin and Mary Day  
Steve '77 and Drue Decker  
Mr. and Mrs. Richard Deitch, II '85  
Dr. T. W. Dennison  
Drs. Michael S. and Rebecca B. DeVasher  
Mr. and Mrs. Thomas Dever  
Mr. Matthew D. DeVries '08 and Mrs. Samantha R. DeVries '08  
Mr. Rodney L. Dick '88  
Mr. and Mrs. Gerald R. Dinkel '68  
Dr. and Mrs. Richard P. Ditteon '75  
Mr. and Mrs. Matthew W. Donk '90  
Mr. and Mrs. Michael L. Donoghue '82  
Rob '86 and Mary Doti  
Mr. Charles F. Doty '72  
Mr. and Mrs. Gary D. Dougan '73  
Drs. Craig and Carla A. Downing  
Ms. Morgan C. Dumm '12  
Ms. Debra S. Durham  
Mr. Paul G. Earle '70  
Mr. and Mrs. Gary A. Eck '78  
Ms. Emily L. Eckstein '13  
Ms. Michelle D. Einhorn '03  
Reverend and Mrs. Charles Ellestad  
Mr. and Mrs. Terry L. Endress '83  
Dr. and Mrs. Kent W. Erb '77  
Ms. Ashley M. Erffmeyer '08  
Mr. and Mrs. George H. Ernest, II '78  
Mr. and Mrs. Edward G. Evers, PE '83  
Mr. and Mrs. Vern W. Fellows '62  
Mr. Ron Fisher  
Julie '12 and Eric Fisher  
Mr. and Mrs. William E. Fleenor '70  
Mr. and Mrs. Kevin H. Forbes '85  
Mr. Benjamin C. Ford '98  
Mr. and Mrs. R. A. Forsaith, Jr. '52  
Mr. and Mrs. Eric E. Forster '90  
Mr. and Mrs. Vincent W. Foushee '80  
Mr. and Mrs. Michael A. Francis '65  
Mr. Robert G. Franklin '76  
Mr. and Mrs. Robert W. Fransham '78  
Mr. and Mrs. Doyle Freeman  
Mr. and Mrs. David E. Freshour '74  
Mrs. Susan Frischkorn '65  
Mr. Christopher J. Galler '11  
Mr. and Mrs. Douglas J. Gard '95  
Mr. and Mrs. Carl B. Garmong '62  
Mr. and Mrs. John C. Gaughan '58  
Mr. Chris M. Geiger '04  
Ms. Lisa G. Gibson  
Mr. and Mrs. Donald G. Gibson '83  
Dr. and Mrs. James K. Gilman '74 H'11  
Mr. Jonathon C. Gissentanner '13  
Mr. and Mrs. Richard A. Gollhofer '77  
Mr. Elliot I. Goodman '07  
Mr. and Mrs. Gregory M. Gotwald '01  
Mr. Theodore J. Gould '00 and Mrs. Stephanie L. Gould '00  
Mr. and Mrs. Patrick C. Grace '00  
Dr. and Mrs. G. Elton Graves  
Mr. and Mrs. Warren K. Griffith '61  
Mr. and Mrs. Mark Griffiths  
Mr. and Mrs. E. S. Griggs '88  
Vernon '61 and Linda Gross  
Dr. Elizabeth M. Hagerman '00  
Dr. and Mrs. Thomas B. Hakes '67  
Mr. and Mrs. Michael P. Haley '69  
Mr. Beuford C. Hall, Jr. '55  
Dr. William Hampton  
Ms. Victoria M. Hampton '06  
Mr. and Mrs. John C. Hanger '87  
Mr. and Mrs. Joseph E. Haniford '80  
Mrs. Muriel K. Hannig  
William '55 and Anna Hansford  
Mr. Donald E. Harrington '02  
Mr. and Mrs. Steven J. Hartpence '70  
Mr. Erik Z. Hayes '97 and Mrs. Melinda M. Hayes  
Mr. and Mrs. Donald J. Heath '52  
Mr. and Mrs. James R. Hegarty '76  
Mr. Rolland L. Helmling  
Mr. and Mrs. Thomas Henman, Sr.  
Mr. John C. Hewitt '00 and Mrs. Cathy A. Hewitt '00  
Mr. and Mrs. Daily S. Hill '79  
Rob '91 and Linda Hochstetler  
Mr. and Mrs. David W. Hoggatt '81  
Kent '75 and Debbie Holcomb  
Mr. and Mrs. J. Daniel Hopkins  
Dr. John Foy Hoppe '75  
Mr. Jon B. Howanice  
Mr. and Mrs. Charles G. Howard H'05  
Mr. Robert G. Howell '85  
Mr. Cory J. Howell '05  
Mr. Douglas J. Howell '08  
Mr. and Mrs. Joshua Howie  
Ms. Joan Hubbard  
Mr. and Mrs. James E. Hughes '93  
Mr. Jack R. Hughes '55  
Mr. and Mrs. Brad C. Hunt '76  
Mr. and Mrs. David L. Hussung '65  
Mr. and Mrs. Jeffrey C. Iten '02  
Mr. and Mrs. Henry E. Jackel, Jr. '57  
Mr. and Mrs. James A. Jacobi '95  
Mr. and Mrs. James E. Jeffries '71  
Mr. and Mrs. Ronald R. Jennings '60  
Mr. Sean B. Jessup '08  
Mr. Weimin Jiang '95 and Mrs. Tina Peng  
Elizabeth Johnson  
Mr. Harry T. Johnson '99  
Mr. Ryan D. Johnson '02 and Mrs. Angelica E. Johnson '02  
Mr. Frazer Jones and Mrs. Bo Luo  
Mr. and Mrs. Donald G. Jones '80  
Mr. and Mrs. Warren W. Jones '52  
Mr. and Mrs. David C. Jordan '71  
Mr. Andrew T. Jordan '12  
Mr. and Mrs. J. Scott Josif '72  
Mr. Allan T. Junker '50  
Dr. Jeffrey A. Justus '78  
Mr. and Mrs. James Kadela  
Mr. and Mrs. Jason R. Karlen '92  
Mr. Matthew P. Katinas '02  
Mr. and Mrs. Karl C. Menke '81  
Drs. Michael Katz and Holly Middlekauff  
Mr. and Mrs. L. Birt Kellam '56  
Mr. and Mrs. Stephen T. Kennedy '81  
Drs. Scott R. and Elaine M. Kirkpatrick  
Mr. and Mrs. R. Alan Klaus '53  
Norm '72 and Teri Klein  
Dr. and Mrs. William A. Kline  
Mr. and Ms. David Knispel  
Mr. and Mrs. Paul N. Koch '77  
Bruce '64 and Susan Kopf  
Mr. Christopher C. Krapfl '99  
Mr. and Mrs. William E. Kuchar '59  
Mr. and Mrs. Joseph S. Kunkel '84  
Mr. William H. Kuykendall '53  
Mr. and Mrs. Robert L. Kylander '46  
Mr. and Mrs. George Kyle '48  
Mr. and Mrs. Roger K. LaCrosse '71  
Mr. and Mrs. Terry D. LaGrange '83  
Mr. Jules Lambermont '51  
Mr. and Mrs. James W. Lane, Jr. '66  
Mr. and Mrs. Michael R. Langston '70  
Mr. and Mrs. Kevin R. Lanke '97  
Mr. and Mrs. Donald R. Lanning '61  
Mr. Frank L. Larr, Jr. '58  
Mr. David D. Lawrence '00 and Mrs. Jennifer L. Lawrence '02  
John "Pete" Lee '45  
Mr. and Mrs. Richard D. Leonard '85  
Mr. Leslie L. Light '80  
Mr. and Mrs. William Lindstaedt  
Mr. Trevis J. Litherland '93 and Mrs. Sunchin Shi Litherland  
Drs. Glen A. Livesay and Kay C. Dee  
Mr. and Mrs. Trevor J. Lobo '00  
Mr. Nathan A. Lockhart '02 and Mrs. Tracey L. Lockhart '02  
Don Logsdon '42  
Mr. and Mrs. Eric S. Lucas '84  
Dr. Martin Piekos and Mrs. Lorette Luksha  
John '66 and Roxann Lynn  
Mr. Martin D. Mailberg '95  
Mr. and Mrs. Michael R. Mann '77  
Mr. Jeffrey K. Marchal '78 and Mrs. Robinell Cannon-Marchal  
Dr. and Mrs. Gene W. Marsh '85  
Dr. and Mrs. Thomas W. Mason  
Mr. and Mrs. Paul R. Mason '56  
Mr. and Mrs. Edward C. Masuoka '55  
Mr. William F. Mathies, Jr. '93  
Mr. Guy G. McCulloch '84  
Mr. and Mrs. Wayne A. McGlone '74  
Mr. and Mrs. Bradley R. McKain '82  
David McKinney '00  
Mr. and Mrs. Michael R. McLearn '81  
Mr. William L. McNiece '73  
Mr. and Mrs. Thad A. Mead '95  
Drs. Robert Means, Jr. and Stacey McKenzie  
Mr. Luke A. Mehringer '12  
Mrs. Alane Meis and Mr. Lucien Meis  
Mr. and Mrs. Douglas W. Memering '84  
Dr. and Mrs. R. Michael Meneghini '95  
Mr. and Mrs. Robert L. Metz '52  
Mr. and Mrs. Thomas O. Michaelis '69  
Mr. Alan Michel  
Mr. Thomas D. Miller and Mrs. Kimberly D. Miller  
Dr. and Mrs. Richard J. Miller '95  
Mr. Zackery J. Miller '04  
Mr. and Mrs. Spencer Minear  
Dr. and Mrs. David C. Mitchell '48 H'83  
Mr. and Mrs. Jon G. Moehlmann '70  
Mr. and Mrs. David J. Moeller '57  
Mr. Eric D. Monhaut '06  
Mr. and Mrs. Anthony W. Montgomery '86  
Mr. and Mrs. Mark S. Montgomery '75  
Mr. and Mrs. Jeffrey C. Moore '83  
Mr. Richard F. Morris '80  
Mr. Lee R. Morrow '66  
Mrs. Sally C. Morrow '50  
Mr. and Mrs. Everett C. Moseman '50  
Mr. and Mrs. Joseph G. Moser '56  
Mr. and Mrs. William Mounts '93  
Mr. Duane A. Mowrey '86  
Mr. and Mrs. L. Michael Mueller '75  
Mr. Alexander J. Mullans '13  
Larry '61 and Faye Myers  
Mr. and Mrs. Byron L. Myers '68  
Mr. Mark J. Nagy '80  
Mr. Richard A. Neal '77  
Mr. Roger A. Nelson '67  
Mr. and Mrs. John S. Newlin '69  
Mr. John T. Newlin '43  
Mr. William B. Nicewanger '63  
Mr. Leon A. Nolting  
Mr. Michael A. Norris '77  
Mr. and Mrs. David Nycz '75  
Mr. and Mrs. Michael O'Hara  
Mr. and Mrs. William M. Olah '74  
Dr. and Mrs. Larry D. Olson '69  
Mr. Michael D. Olson '97  
Mr. and Mrs. Frank E. Oriold  
Mr. Stephen C. Owen '11 and Mrs. Theresa R. Owen '11  
Mr. and Mrs. Mark T. Owens '72  
Mr. and Mrs. James Parker  
Mr. James Pastoriza  
Ms. Jami J. Patterson  
Mr. and Mrs. Jerry T. Payonk, PE '84  
Mr. and Mrs. Richard J. Payonk '86  
Mr. Robert Peacock '86  
Mr. and Mrs. Clark A. Pentico '90  
Mr. and Mrs. David Phelan  
Mr. Gary W. Phipps '60  
Mr. and Mrs. Mark D. Pierce '75  
Mr. Scott C. Plumlee '87  
Mr. and Mrs. Jon F. Pohlman '04  
Mr. David G. Beghtel and Mrs. Karen Ponder-Beghtel  
Mr. and Mrs. Bill Povlin '56  
Drs. David J. Rader and Concetta A. DePaolo  
Mr. Jack W. Ragle H'89  
Mr. Ronald G. Reeves '58 H'97  
Mr. and Mrs. Stephen W. Reiss '66  
Bridget M. Revier '04  
Mr. and Mrs. John R. Rhodehamel '56  
Dr. Donald E. Richards and Ms. Martha J. Crossen  
Mr. Randall Rickard and Mrs. Susan Andrews, MD  
Mr. and Mrs. Robert G. Rinker '51  
Mr. Matthew D. Rinklin  
Mr. and Mrs. N. Clay Robbins H'06  
Gerald '57 and Margaret Rose  
Mr. Robert L. Royer '49  
Mr. and Mrs. Stephen Salisbury  
Mr. and Mrs. Milton M. Sanders '58  
Mr. and Mrs. William H. Schaper '60  
Dave Schlunecker '08  
Mr. and Mrs. Michael W. Schneider '78  
Bob '60 and Nancy Schukai  
Mr. Robert J. Schukai, Jr. '86 and Mrs. Linda S. Rowley  
Dr. and Mrs. Mark J. Schuld '91  
Mr. and Mrs. Michael A. Schwenk '73  
Mr. James A. Seddoff '09  
Mr. and Mrs. Jeremy C. Showalter '00  
Mr. and Mrs. Charles L. Sigman '80  
Mr. and Mrs. Randall E. Simon '75  
Mr. and Mrs. Stephen I. Skersick '61  
Mrs. Mary K. Small\*  
Mr. and Mrs. Jeffrey C. Smirz '70  
Mr. and Mrs. Garrett P. Smith '76  
Mr. and Mrs. Gregory C. Smith '73  
Mr. and Mrs. Larry D. Smith '75  
Sherm '60 and Ruth Smith  
Mr. Troy R. Snider '82  
Mr. Dennis M. Sponsel  
David G. '64 H'95 and Shelia A. Staggs  
Mr. Tim Stalinsky  
Mrs. Heidi L. Stamets '07  
Dr. and Mrs. Richard E. Stamper '85  
Mr. Daniel L. Stanage '10  
Mr. and Mrs. Robert J. Stearley '57  
Mr. Martin A. Stembel '92  
Mr. Leonard M. Straight '75  
Dr. and Mrs. Brian L. Stuart '84  
Dwight and Deborah Sullivan  
Dr. and Mrs. Kevin G. Sutterer  
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. Harold Taylor  
Mr. and Mrs. Michael A. Taylor  
Ms. Krista M. Telljohann '12  
Dr. and Mrs. Fred H. Terry '62  
Mr. Michael D. Thomas '64 H'97  
Mr. and Mrs. James R. Toone '76  
Lieutenant Colonel '83 and Mrs. Jeffrey A. Trang  
Mr. Matthew A. Trowbridge '08  
Mr. and Mrs. Daniel J. Tryon  
A. Michael Tucker '80  
Mr. and Mrs. Kevin R. Turpin '83  
Mr. Charles J. Tuskan, III '10  
Mr. and Mrs. Joseph B. Tynan '66  
Ms. Stefani Vande Lune '06  
Mr. Meredith L. Vannauker '84  
Mr. Brian C. Vargas '00  
Drs. Maria J. and Nuno Vaz  
Mr. and Mrs. Robert L. Vogenthaler '68  
Mr. William N. Waggener, Sr. '57  
Drs. Lee R. and Gabi N. Waite  
Mr. and Mrs. John S. Walden '62  
Drs. Sten and Anne Wallin  
Mr. and Mrs. Kenneth D. Walter '83  
Mr. Bobby R. Waters '84  
Mrs. Eula Webb  
Mr. and Mrs. Philip H. Weihi '77  
Mr. and Mrs. Douglas A. Weiser '90  
Mr. William M. Welch  
Mr. Alan H. Welton '66  
Mr. and Mrs. David L. Whitehart '81  
Mr. and Mrs. William W. White, Jr. '57  
Mr. and Mrs. Mark W. Wiley '87  
Ms. Bernadette Williams  
Drs. Julia M. and Nicholas M. Williams  
Mr. and Mrs. Bert O. Williams, Jr. '67  
Mr. and Mrs. George A. Williams '73  
Dr. and Mrs. Gregory A. Williby '98  
Mr. and Mrs. Jason R. Williford '92  
Mr. and Mrs. Devin R. Willis '82  
Mr. and Mrs. Brian D. Wilson '87  
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. Stanley Woszczyński '80  
Mr. and Mrs. Frederick Wright '62  
Ms. Sarah E. Wruck '00  
Mr. and Mrs. Richard W. Wrye '79  
Dr. and Mrs. Mark A. Yoder  
Mr. and Mrs. John Yuhus  
Mr. and Mrs. Jason L. Zielke '00

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



## Deans Circle

\$500 to \$999

- Mr. and Mrs. Paul A. Acevedo '91  
Mr. and Mrs. Rodney D. Adams '91  
Mr. and Mrs. D. Eric Aldridge '86  
Mr. Joseph Alvord and Mrs. Sheila Burke  
Alisha Anker  
Mr. and Mrs. Kevin S. Anderson '81  
Mr. and Mrs. Mark J. Armstrong '84  
Mr. and Mrs. Trevor D. Arnold '90  
Mr. Larry R. Arnold '64  
Mrs. Rae M. Azorandia '03  
Mr. and Mrs. John Bach  
Mr. and Mrs. William E. Backes '48  
Mr. William J. Baer '76  
Mr. and Mrs. Scott R. Bagwell '80  
Mr. and Mrs. John A. Bailey, Jr. '70  
Mr. Hugh J. Baker, III \* and  
Mrs. Priscilla Baker  
Mr. Aaron K. Baldauff '03 and  
Mrs. Rachel M. Baldauff '07  
Dr. and Mrs. Stephen D. Ban '62  
Robbin Banerjee '78  
Mr. and Mrs. Michael P. Barbalas '77  
Mr. and Mrs. Jeffrey A. Barton '66  
Mr. and Mrs. Jeremy S. Barton '04  
Mr. and Mrs. Ryan A. Barton '01  
Colonel and Mrs. William J. Bayles '77  
Mr. and Mrs. Kyle M. Beaty '10  
Mr. Jacob A. Beaty '12  
Mr. Michael R. Cannon and  
Mrs. Lisbeth Behlmann  
Mr. and Mrs. Mark J. Beitz '84  
Mr. and Mrs. Patrick Benedicto  
Mr. and Mrs. Michael A. Benefield '95  
Mr. Anthony J. Benik '02 and  
Mrs. Amanda L. Benik '01  
Ralph '52 and Betty Bennett  
Mr. Joseph A. Berg '07  
Mr. and Mrs. Ronald Bickel  
Dr. Joseph L. Binford, III '93  
Mr. and Mrs. Scott J. Blonigen '86  
Mr. and Mrs. Kenneth R. Bloss, Jr. '89  
Mr. and Mrs. Robert A. Bohrmann '51  
Mr. and Mrs. Gregory L. Bolt '63  
Mr. and Mrs. John U. Bott, Jr. '61  
Mr. and Mrs. Brian D. Bounds '81  
Mr. Ronald D. Bowman '86 and  
Dr. Laurie L. Joiner  
Mr. and Mrs. Steven L. Boyce '71  
Mr. and Mrs. Darrell Boyll '81  
Mr. and Mrs. John Brabender '81  
Dr. Patricia D. Brackin  
Mr. and Mrs. Nik L. Bradley '66  
Dr. Mark E. Brandt  
Mr. and Mrs. Michael A. Brier '91  
Mr. and Mrs. Joseph L. Bronnert '59  
Mr. and Mrs. Gary W. Brown '77  
Mr. and Mrs. Robert R. Brown  
Mr. Douglas J. Bryant '73 and  
Mrs. Carleen K. Slagle  
Mr. and Mrs. Neil A. Bryson  
Mr. and Mrs. Thomas Buetow  
Mr. and Mrs. Joshua W. Burbrink '09  
Clemens Burger '93  
Mr. and Mrs. William K. Burkhardt, Jr. '69  
Mr. Scott J. Burwinkel '96  
Mr. John Butwin '81  
Mike '85 and Lori Cain  
Mrs. Carol A. Calabro  
Mr. and Mrs. Philip Cammenga  
Mr. Dale E. Campau '79  
Mrs. Cynthia E. Cantrell '89  
Mr. Frederick A. Carlson '11  
Dorothy '56 and Stan Carpenter  
Mr. and Mrs. Joseph N. Carr '80  
Mr. and Mrs. Steve J. Carrow '78  
Mr. Keith E. Cavallini '96 and  
Mrs. Nadia Yacoub  
Mr. and Mrs. Gregory A. Chapman '85  
Mr. and Mrs. Steven L. Charlton '64  
Dr. and Mrs. John Chase  
Mr. Zhibing Chen '99  
Mr. and Mrs. Hoi Ming Cheung  
Mr. and Mrs. Tim J. Cindric '90  
Mr. and Mrs. Leonard M. Clark '97  
Mr. and Mrs. C. Scott Clemons '95  
Mr. Michael Cloran  
Mr. David J. Cloutier '07  
Mr. and Mrs. Bruce E. Cluskey '87  
Mr. and Mrs. Brian S. Coffenberry '81  
Mr. and Mrs. James A. Coles, Sr. '69  
Mr. and Mrs. John A. Collett '88  
Mr. and Mrs. Steven P. Collier '66  
Mr. and Mrs. Christopher Collison '82  
Mr. and Mrs. Robert L. Combs, Jr. '70  
Mr. Michael Compton  
Mr. Andrew T. Compton '07 and  
Mrs. Melissa A. Grette-Compton '07  
Mr. and Mrs. Dale Conroy '92  
Mr. and Mrs. C. M. Copeland '83  
Mr. and Mrs. Frederick L. Corban '54  
Nicholas '09 and Amanda Corkill '10  
Commander and Mrs.  
Richard A. Correll '86  
Mr. Donald G. Corson '83  
James W. '79 and Terri L. Craig  
Mrs. Joann Craig '49  
Mr. and Mrs. David Crampton  
Bruce '75 and JoAnn Crum  
Mr. and Mrs. Thomas R. Curry '67  
Dr. and Mrs. Anthony J. Cutaia  
Mr. Timothy M. Daniel '81  
Mr. and Mrs. Darrin L. Davidson '86  
Jon '96 and Liza Davis '99  
Mr. and Mrs. Scott J. Davis '99  
Mr. and Mrs. Michael W. Davis  
Mr. and Mrs. Mitchell D. Day '87  
Mr. and Mrs. Daniel E. Denlinger '74  
Mr. Noah L. Desch '07 and  
Mrs. Rebecca J. Desch '07  
Mr. and Mrs. Dennis L. Dierckman '75  
Mr. and Mrs. Dwight D. Dively '80  
Peter '69 and Vicki Doenges  
Mr. and Mrs. Jeff Donnelly  
Mr. Neil R. Dorsey '13  
Ms. Stephanie L. Drenten '11  
Mr. Matthew J. Drosos '11  
Mr. Christopher G. Dupin '03 and  
Mrs. April D. Dupin '03  
Mr. and Mrs. David Eckert  
Mr. Jeremiah M. Edwards '13  
Mr. Timothy L. Ekl '11  
Mr. and Mrs. Paul C. Elliott '55  
Mr. and Mrs. David J. Elmer '83  
John '68 and Lena Elzufon  
Mr. and Mrs. R. Alan Englehart '69  
Mr. Matthew T. Ervin '00 and  
Mrs. Ann M. Ervin '01  
Mr. and Mrs. Timothy L. Eubank '85  
Dr. and Mrs. Thomas A. Evans '65  
Garyne Evans '92  
Mr. and Mrs. Robert P. Failing, Jr. '52  
Ms. Cheryl J. Fang '05  
Dr. and Mrs. Jack Farr, II '75 H'99  
David '59 and Terry Fassburg  
Rick and Sue Fassino  
Mr. Andrew J. Feyen '03 and  
Mrs. Marisa M. Feyen '03  
Mr. and Mrs. David Finn  
Dr. and Mrs. David S. Fisher '00  
Mr. and Mrs. Tom F. Fite '64  
Dave and Sarah Forbes  
Mr. and Mrs. Gregory D. Ford '92  
Mr. and Mrs. David M. Fox '84  
Mr. and Mrs. Patrick G. Freeland '82  
Mr. and Mrs. Thomas J. Freeman '85  
Mr. and Mrs. Robert C. Froetscher '80  
Mr. Joseph P. Gallagher '02  
Mr. Scott A. Gallmeier, II '12  
Mr. Jeffery J. Gauthier '08  
Dr. and Mrs. Larry J. Geier '72  
Mr. and Mrs. Baron G. Gemmer '85  
Jack '61 and Jan Gilmour  
Mr. and Mrs. Patrick M. Gish '82  
Mr. Steven C. Goble '71  
Mr. Fred W. Goetsch, Jr. '57  
Mr. Steven D. Gootee '82  
Mr. and Mrs. Kyle D. Gossman '04  
Mr. and Mrs. David E. Gough  
Dr. and Mrs. Mars J. Gralia, II '64  
Mr. Michael R. Griesenbrock '86  
Damon '82 and Teri Ground  
Ms. Regina (Reggie) Groves  
Mr. and Mrs. William D. Gurley '70  
Krystyna and David Hackett '55  
Mr. David M. Haddix '89  
Mr. and Mrs. Jeffrey J. Haggerty '93  
Mr. and Mrs. Stephen J. Hall '83  
Mr. and Mrs. William J. Hamman '76  
Mr. Andrew C. Hammond '01  
Darrell '85 and Kaz Hancock  
Mr. Tyler T. Hannan '13  
Mr. Jeffrey C. Hanson '90 and  
Mrs. Andrea M. Schaffter  
Mr. and Mrs. Steve Harker  
Mr. and Mrs. W. Kent Harris  
Mr. and Mrs. Daniel R. Harshbarger '95  
Ms. Amy L. Harshbarger  
Mr. Michael R. Haughney '07  
Mr. Karl V. Hauser '48  
Mr. and Mrs. Gregory M. Hausmann '75  
Mr. Dylan T. Havard '05 and  
Mrs. Tammy B. Harvard  
Mr. Christopher D. Heady '87  
Mr. and Mrs. Lawrence Heath  
Mr. Daniel R. Hedman '03  
Mr. Paul G. Heit '80  
Mr. and Mrs. Mitchell E. Hendrickson '03  
Mrs. Jennifer L. Hepp '04 and  
Mr. Mark Hepp  
Mr. Joshua R. Hertz '04  
Mr. and Mrs. Peter W. Hinz '92  
Mr. and Mrs. Geoffrey Hobar '83  
Mr. Grant T. Hoffman '03 and Dr.  
Michelle D. Hoffman  
Mr. and Mrs. Ronald L. Hofmann  
Mr. Daniel N. Hohne '99 and  
Mrs. Anellia M. Hohne '99  
Drs. Allen G. and Leanne D. Holder, IV  
Mr. and Mrs. Robert T. Hopkins '85  
Mr. and Mrs. David Hughes '74  
Norm '60 and Marilyn Huntley  
Mr. and Mrs. R. Scott Jaeger '89  
Mr. Robert H. Jones '68  
Mr. and Mrs. R. S. Jenkins '85  
Mr. and Mrs. Jeffrey Jenkins  
Mr. and Mrs. David F. Jensen '70  
Dr. Charles Joenathan  
Mr. and Mrs. Kurt A. Johnson '94  
Mr. and Mrs. Scott E. Johnson '88  
Mr. Harry H. Johnson '52  
Mr. and Mrs. Andrew F. Jones '87  
Mr. and Mrs. Mark W. Jones '75  
Mr. and Mrs. Ronald Jones  
Mr. Steven T. Jugle '07  
Mr. Galen B. Kannarr '81  
Mr. Paul C. Kappler '01 and  
Mrs. Elizabeth M. Kappler '02  
Mr. Jeffrey T. Keacher '04  
Jeff '66 and Lorna Keeler  
Mr. and Mrs. Thomas Kelly  
Dr. and Mrs. Gary R. Kelm '73  
Mr. Bruce E. Kercher '82  
Mr. Charles E. Key '07 and  
Mrs. Caroline E. Key '06  
Mr. and Mrs. Bradley L. Kicklighter '89  
Mr. Dennis M. King '75  
Dr. Gayle N. King and Mrs. Helen King  
Mr. and Mrs. Daniel V. Kingery, Jr. '61  
Mr. and Mrs. John E. Kinney '74  
Mr. and Mrs. Mark A. Kipp '83  
Mr. and Mrs. Glenn Klare  
Mr. and Mrs. Edward A. Koonmen, Jr. '48  
Mr. and Mrs. Michael A. Korkos '77  
Mr. and Mrs. Edward J. Kostra '61  
Mr. and Mrs. John M. Kovich '78  
Mr. and Mrs. Peter D. Kratz '76  
Mr. and Mrs. Michael G. Kriebler '81  
Mr. and Mrs. Martin A. Krongold '79  
Mr. Ernest Kuehl and  
Mrs. Dolores De Meyere  
Mr. and Mrs. Robert J. Kuhn '77  
Mr. Aidan C. Kunkle and  
Mrs. Hser Ner Moo  
Mr. and Mrs. Kenneth C. Kuntz '67  
Mr. and Mrs. Mark D. Lancaster '97  
Mr. and Mrs. Glen R. Lash '72  
Mr. and Mrs. Daniel K. Laskowski '76  
Charles D. Latham '53  
Mr. and Mrs. William LaVelle  
Mr. and Mrs. David P. Laws '67  
Dr. and Mrs. Eugene J. LeBoeuf '85  
Dr. Hannelore Lehr and Mr. Roger Lehr  
Mr. and Mrs. John E. Leonard '69  
Mr. and Mrs. John E. Leonard, Jr. '89  
Ms. Jobeth Leopardo  
Mr. and Mrs. John Levitt  
Mr. and Mrs. Clifford W. Lewis '69  
Mr. William A. Lindstaedt '86  
Mr. and Mrs. Scott A. Linn '82  
Ms. Gigi Lipinski  
Mrs. Alyssa M. Lobo '99 and  
Mr. Colin Lobo  
Mr. and Mrs. James M. Lowes '70  
Dr. and Mrs. Christopher A. Lueking '91  
Mr. and Mrs. Stephen Lundie  
Mr. and Mrs. Jimmy L. Lunsford '64  
Mr. Theodore C. Lyman '07 and  
Mrs. Bridget C. Lyman '07  
Mr. and Mrs. Lawrence E. Lynn '69  
Mr. Jason A. Macak '00 and  
Mrs. Amy L. Macak  
Mr. John E. MacAslan '14  
Mr. and Mrs. Jared D. Madry '97  
Drs. Dennis and Susan Maier  
Mr. James T. Malone '62  
Mr. and Mrs. Owen B. March '56  
Mr. and Mrs. Andrew C. Marcum '06  
Mrs. Brenda D. Mardis  
Mr. and Mrs. Jerry R. Marlow '57  
Mr. and Mrs. Jeffrey V. Martin '78  
Mr. James D. Martin  
Mr. and Mrs. Steven E. Marum '73  
Mrs. Jessica M. Maslan '11 and  
Lieutenant Jason Maslan  
Mr. and Mrs. Douglas E. Mason '85  
Mr. and Mrs. James L. Massey '58  
Mr. and Mrs. Ross D. Maue '91  
Mr. and Mrs. Jeffery A. McBrayer '73  
Mr. and Mrs. John C. McClain '81  
Mr. Sean M. McCue '02  
Mr. and Mrs. Michael K. McCullough '81  
Mr. and Mrs. Lantz McElroy '88  
Mr. and Mrs. Craig M. McKee  
Mr. and Mrs. Philip McKiernan  
Mr. and Mrs. David McLaughlin  
Mr. and Mrs. Thomas R. McPherron '58  
Mr. and Mrs. Jesse J. McQuiston '03  
Dr. and Mrs. Andrew R. Mech  
Mr. Mark A. Memering '08  
Mr. and Mrs. Brent A. Mewhinney '84  
Mr. Christopher A. Meyer '89  
Mr. Christopher I. Meyer '04  
Dr. Calvin S. Mlynarczyk '12  
Dr. and Mrs. Sriram Mohan  
Phil '78 and Maria Monhaut  
Mr. and Mrs. John R. Moore '82  
Mr. Ryan A. Moore '95  
Mr. and Mrs. Jay R. Moorman '94  
Mr. Andrew P. Morin '04 and  
Mrs. Sara L. Morin  
Dr. and Mrs. Richard P. Morin  
Mr. and Mrs. Alan P. Morrison  
Dr. and Mrs. Edward A. Mottel  
Mr. and Mrs. Jeffrey L. Mummert '74  
Kedar Murthy '84 and Sai Das  
Mr. and Mrs. Gregory D. Neuse '82  
Mr. and Mrs. Steven W. Myers '68  
Mr. and Mrs. Timothy A. Nale '87  
Mr. and Mrs. Gerald D. Naliborski '90  
Mr. Jonathan A. Nall '98 and  
Mrs. Dawn M. Nall '99  
Dr. and Mrs. William Nash  
Mr. and Mrs. Robert A. Neal '77  
Mr. and Mrs. Ronald K. Neumeyer '86  
Mr. and Mrs. Rodney Newell  
Mr. and Mrs. Scott M. Nichelson '84  
Mr. and Mrs. Robert Nichols  
Mr. and Mrs. Donald A. Niedringhaus '61  
Mr. and Mrs. David W. Nierman '83  
Mr. Eric Nixon  
Dr. Mary Kulas and Mr. Kevin Nordt  
Mr. and Mrs. George Novosel  
Mr. and Mrs. Mark J. Orelup '49  
Mr. and Mrs. Richard K. Osburn '67  
Mr. and Mrs. J. Randall Overdorf '65  
Dr. and Mrs. Douglas Paine  
Mr. and Mrs. Bruce H. Palin '76  
Mr. and Mrs. Adam M. Parin '02  
Mr. and Mrs. Jack Pearson  
Mr. and Mrs. Thomas F. Pechette '76  
Mr. and Mrs. Gregory H. Perez  
Mr. and Mrs. Robert J. Pesavento '62  
Mr. and Mrs. Lee A. Peters '67  
Mr. and Mrs. Michael H. Peters '79  
Mr. and Mrs. John R. Peterson '81  
Mr. and Mrs. Michael L. Phifer '83  
Mr. and Mrs. Steve Pieragowski  
Mr. Kevin M. Pietrzak '86  
Mr. John S. Pinkus '08  
Mr. and Mrs. Larry L. Pitt '61  
Mr. and Mrs. William A. Pollack '90  
Mr. and Mrs. Steven R. Polus '87  
Mr. and Mrs. Jeffrey D. Pontius '95  
Mr. David H. Potter '80  
Mrs. Linda L. Price and  
Mr. Lewis O. Price



Mr. David S. Price '86  
 Mr. and Mrs. Roy J. Primus '75  
 Mr. Stephen K. Rammelsberg '86  
 Dr. and Mrs. George F. Rapp H'93  
 Mr. Douglas R. Rebidue '68  
 Dave '62 H'92 and Nancy Reece  
 Mr. and Mrs. Samuel J. Reed '81  
 Mr. and Mrs. Duane R. Reinholt '86  
 Mr. Thomas S. Reives '08  
 Mr. Christopher N. Repa '99  
 Mr. Kyle A. Rhodes '10  
 Merle '63 and Beatrice Rice  
 Mr. Kevin Rice and Mrs. Kim Bonar  
 Mr. and Mrs. Randal A. Ridgway '77  
 Mr. and Mrs. Kurt W. Riggensbach '95  
 Mr. and Mrs. David J. Rikkers '91  
 Mrs. Mary Ringwald '76  
 Mr. and Mrs. Kenneth W. Roberts '88  
 Mr. Daniel F. Robinson '82  
 Mr. and Mrs. Matthew F. Rocco  
 George '73 and Marilyn Rodibaugh  
 Mr. Bradley S. Rosenberger '99  
 Mr. and Mrs. Robert M. Rouse '82  
 Mr. Todd P. Royer '80  
 Mr. and Mrs. John W. Rumberg, Jr. '87  
 Dr. and Mrs. Larry A. Sachs '66  
 Mr. Joel V. Sanders '72  
 Dr. and Mrs. L. Wayne Sanders  
 Mr. and Mrs. Michael Schack  
 Mr. and Mrs. Craig Scharpenberg  
 Mrs. Charlene Scharpenberg  
 Mr. and Mrs. Breck W. Schmidtkofer '95  
 Mr. Elliot A. Schmidt '10  
 Mr. and Mrs. David Schmidt  
 Dr. and Mrs. Erik W. Schneekloth '85  
 Mr. and Mrs. Barry T. Schneider '90  
 Mr. and Mrs. A. Ben Schoffmann '80  
 Mr. Eric Schulte '11  
 Mrs. Paula A. Schultz '06 and  
 Mr. Joshua Schultz  
 Mr. Eric N. Schwarz '85  
 Mr. and Mrs. J. Daniel Scott '54  
 Mr. and Mrs. Steven N. Shadix '94  
 Mr. and Mrs. Carl Shaffer  
 Mr. and Mrs. Richard A. Shallcross '70  
 Ms. Sarah K. Shapiro  
 Mr. and Mrs. Craig Scharpenberg  
 Mr. and Mrs. Howard J. Shaw '97  
 Mr. Patrick R. Shea '96  
 Mr. and Mrs. Clifton W. Shillcutt '88  
 Dr. and Mrs. William C. Shriner  
 Mr. and Mrs. Matthew D. Sinclair  
 Mr. and Mrs. William W. Sisson  
 Dr. Thomas W. Sliwa '85  
 Dr. Amanda E. Gehring '08 and  
 Mr. Ryan M. Smeltzer '10  
 Brodie Smith '06  
 Dr. and Mrs. Paul D. Smith '50  
 Mr. and Mrs. Charles W. Smith '61  
 Mr. and Mrs. David W. Smith '92  
 Mr. Robert W. Smith '69  
 Mr. Theodore M. Smith '70 and  
 Mrs. Georgia Hudson-Smith  
 Randy and Debbie Smith  
 Mrs. Donna M. Smith and  
 Mr. John T. Smith  
 Mrs. Virginia L. Smith  
 Ms. Kathryn Smith  
 Mr. Lee R. Sorrell '87  
 Mr. and Mrs. Travis D. Soyer '01  
 Mr. and Mrs. Timothy W. Spurling '92  
 Mr. and Mrs. Keith Stanley  
 Mr. and Mrs. Ronald J. Stark '85  
 Doug '79 and Kris Stearley

Mr. Ian T. Steenhagen '02  
 Mr. and Mrs. Timothy B. Stone '77  
 Mr. L. Eric Strickland '96  
 Mr. and Mrs. Stephen Stroder '80  
 Mr. and Mrs. Arthur W. Sutton, Jr. '56  
 Mr. and Mrs. David O. Swain H'01  
 Mr. and Mrs. Timothy M. Swan '03  
 Mr. and Mrs. Daniel A. Swartz '51  
 Mr. and Mrs. Richard H. Swartz '47  
 Mr. Petras J. Swissler '12  
 Mr. Nicholas A. Switzer '06  
 Mr. and Mrs. LaMarr C. Taylor '03  
 Mr. Peter G. Taylor '66  
 Ms. Jacqueline C. Taylor  
 Mr. and Mrs. Mark Tebbe '88  
 Mr. and Mrs. Thomas E. Templeton  
 Caleb Tennis '01  
 Mr. and Mrs. Erich H. Teske '85  
 Mr. and Mrs. William L. Thaler '73  
 Dr. and Mrs. Morgan E. Tharp, II '85  
 Mr. and Mrs. Seibert D. Thomas '51  
 Mrs. Amy S. Timberman  
 Mr. and Mrs. David S. Titzer '84  
 Mr. and Mrs. Andrew J. Tochterman '01  
 Mr. and Mrs. James J. Tomlinson '69  
 Mr. Travis C. Tomsu '08  
 Mr. Joseph F. Touchton  
 Mr. and Mrs. Christopher A. Trapp '86  
 Jim '74 and Judy Tribble  
 Mr. and Mrs. Dale E. Turner '76  
 The Twarek Family '05  
 Mr. and Mrs. Steve T. Ufheil '89  
 Dr. and Mrs. Robert R. Uhlmansiek '68  
 Ed '54 and Sharon Utterback  
 Mr. and Mrs. Michael J. Van Stone '86  
 Ms. Juliana C. Van Winkle '01  
 Mr. Charles C. Vana '10  
 Mr. and Mrs. Mark Vasko  
 Mr. John-Paul Verkamp '10  
 Mr. Jeremy D. Vickery '06  
 Mr. Igor Vinogradov '96  
 Mr. Eric W. Volz '07  
 Mr. and Mrs. John N. Voyles '76  
 Ms. Debra Wagner  
 Mr. and Mrs. Joel R. Waldbieser '60  
 Mr. and Mrs. Robert W. Walker '80  
 Mr. and Mrs. Matthew L. Walter '01  
 Mr. and Mrs. Dion E. Walz '97  
 Mr. and Mrs. Mark D. Weber '79  
 Mr. and Mrs. Eric Wechselberger  
 Mr. and Mrs. Chad A. Welch '97  
 Mr. and Mrs. Tad O. Wells '78  
 Mr. Allan E. Wenzel '68  
 Mr. and Mrs. Henry E. Werling '79  
 Mr. and Mrs. Fred H. Wheeler '67  
 Mr. and Mrs. David A. White '91  
 Mr. and Mrs. John R. White '74  
 Mr. and Mrs. Jack D. Wickham '80  
 Mr. and Mrs. James A. Williams '71  
 Mr. Christopher S. Williams '01  
 Mr. and Mrs. Todd Willis  
 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  
 Dan '82 and Janet Wolodkiewicz  
 Mr. and Mrs. Choi K. Wong '77  
 Mr. and Mrs. Robert L. Woodall '89  
 Mr. and Mrs. Keith J. Woodason '89  
 Mr. Philip W. Wyssling '72  
 Mr. and Mrs. David C. Yates '84  
 Mr. and Mrs. Thomas York

Bob '56 and Dena Young  
 Mr. Alexander C. Yovanovich '02 and  
 Mrs. Audra M. Yovanovich '04  
 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

### Rose and White Circle \$250 to \$499

Mr. Omar H. Abdel-Rahman '14  
 Mr. and Mrs. Dana T. Ackerly  
 Mr. and Mrs. Joseph T. Adam '97  
 Mr. John R. Adomaitis '73  
 Mr. Charles W. Agnello '00 and Mrs.  
 Dongjin Li  
 Mr. and Mrs. Harry Albert  
 Mr. Micah J. Aldrich '12  
 Dr. and Mrs. Kyle D. Allen '02  
 Mr. and Mrs. Warren L. Allen '51  
 Mr. and Mrs. Wayne W. Allen  
 Mrs. Karen Allen and Mr. Patrick Allen  
 Mr. and Mrs. Gerard J. Alonzo '82  
 Mr. Alexander P. Alvarez '14  
 Mr. Lucas M. Amodio '97  
 Mr. and Mrs. Daniel Andersen  
 Mr. and Mrs. Aaron L. Anderson '06  
 Mr. and Mrs. David A. Anderson '71  
 Mr. and Mrs. Keith Anderson  
 Mrs. Barbara A. Anderson  
 Mr. and Mrs. Russell E. Archer, Jr. '61  
 Mr. and Mrs. Allen Arthur  
 Mr. and Mrs. Garth D. Ash '85  
 Mr. and Mrs. Robert R. Atherton '50  
 Mr. and Mrs. Don Atzinger  
 Mr. and Mrs. James W. Austin '75  
 Mr. and Mrs. Timothy A. Ayers '86  
 Mr. and Mrs. Robert Baesler  
 Mr. and Mrs. Dennis A. Bailey '74  
 Mr. Jeremy M. Bailey '13  
 Mr. and Mrs. Craig B. Baker '95  
 Mr. Justin D. Baker  
 Marvin and Linda Barks '63  
 Mr. and Mrs. Rodney Barnes  
 Mr. and Mrs. George R. Batta '75  
 Mr. Tom Bauters  
 Mr. and Mrs. Nelson L. Baxter '71  
 Mr. and Mrs. Jeff Beaty  
 Mr. and Mrs. James A. Beck '61  
 Douglas and Nancy Becker  
 Mr. and Mrs. Robert L. Beckman '73  
 Rick and Colleen Beckman  
 Mr. and Mrs. Robert S. Behringer '81  
 Mr. and Mrs. Ralph G. Belknap '83  
 Drs. Bryan R. and Cynthia Benedict  
 Mr. and Mrs. Robert A. Benge  
 Mr. and Mrs. Allen W. Benjamin  
 Mr. and Mrs. Trent L. Bennett '87  
 Ms. Wendy Bennett  
 Mr. Dane P. Bennington '11  
 Mr. and Mrs. James A. Benzing, II '77  
 Mr. and Mrs. Fred G. Berghoefer '43  
 Mr. Zachary A. Bethem '97  
 Graden and Joan Betz '81  
 Mr. and Mrs. James E. Billingsley '99  
 Mr. and Mrs. Bruce M. Binkley '72  
 Mr. William Birk  
 Mr. and Mrs. Robert Bischak  
 Mr. Kenneth L. Breiding, III '01  
 Mr. Will A. Bishop '78 and Mrs. Pamela  
 R. Coget  
 Dr. and Mrs. John A. Biral '57 H'00  
 Mr. Tom Bloom

Mr. and Mrs. Derin M. Bluhm '87  
 Mr. and Mrs. Mark R. Boddy '95  
 Mr. and Mrs. Mark W. Boenke '92  
 Mr. Andrew E. Bolda '86  
 Mr. and Mrs. Donald A. Bonness '62  
 Jason and Pam Bork '95  
 Mr. and Mrs. Mark J. Bormann '85  
 Jack and Marge Borst '68  
 Mr. and Mrs. Robert C. Bosshardt '53  
 Mr. Gilbert M. Bosworth '66  
 Mr. and Mrs. John L. Bowers '67  
 Mr. Thomas Bowmaster and  
 Mrs. Jill Anderson  
 Martha C. Bowsher '42  
 Curtis and Eulanda Boyd  
 Mr. and Mrs. Bruce A. Boyd '70  
 Mr. and Mrs. Randal J. Braker '81  
 Mr. Michael J. Brandell '07  
 Mr. and Mrs. Paul R. Brandenburg '77  
 Mr. and Mrs. James E. Bratina, Jr. '72  
 Mr. and Mrs. Jack R. Braun '66  
 Mr. and Mrs. John A. Breen '82  
 Dr. and Mrs. Dale S. Bremmer  
 Mr. and Mrs. David Brentlinger  
 Mrs. Lorraine E. Brett  
 Mr. and Mrs. Curt Brisco  
 Mrs. Beth A. Brock '96 and  
 Mr. Mitch Brock  
 Mr. and Mrs. Leroy Brothers '60  
 Mr. and Mrs. James L. Brown '65  
 Mr. Justin Brown  
 Ms. Jasmine M. Browne '11  
 Ms. Amy Brunelle  
 Dr. Kurt M. Bryan and  
 Mrs. Frances A. Silta  
 Mr. Alex J. Bubulka '13  
 Mr. Glen T. Buckner '09  
 Ms. Amanda M. Buckner '03  
 Dr. and Mrs. Robert M. Bunch  
 Mr. and Mrs. Gary L. Burdette '92  
 Dr. and Mrs. Robert G. Burger '91  
 Mrs. Cheryl A. Burgess  
 Mr. and Mrs. Robert Burke  
 Mr. and Mrs. John C. Burkey '79  
 Mr. Charles M. Burkhardt '75  
 Mr. and Mrs. Lyman W. Busard '84  
 Drs. Gregory T. Busch '04 and  
 Lisa M. Hall '04  
 Mr. and Mrs. Thomas A. Butwin '71  
 Mr. and Mrs. Paul E. Byram  
 Mr. and Mrs. Joseph M. Cahill '71  
 Mr. and Mrs. Jeffrey A. Calder  
 Mr. and Mrs. Jeffrey D. Caldwell '74  
 Ryan D. Callahan '95  
 Mr. and Mrs. James Calvin  
 Mr. and Mrs. Donald L. Camp '55  
 Mr. and Mrs. Peter B. Canalia '65  
 Mr. and Mrs. Cash E. Canfield '94  
 Mr. David L. Carnell '98  
 Ms. Carolyn A. Carney  
 Mr. and Mrs. L. Richard Carter '61  
 Mrs. Ann Carter  
 Mr. and Mrs. Jerome M. Case  
 Mr. and Mrs. Marc H. Champagne '92  
 Mr. and Mrs. Jim K. Chandler  
 Ms. Susan Chapman  
 Mrs. Susan S. Chiang  
 Mr. and Mrs. Donald G. Childress '85  
 Mr. Jordan B. Chipka '13  
 Mr. and Mrs. Samuel H. Christie, IV '83  
 Mrs. Martha Christie and  
 Mr. David Christie  
 Mr. John L. Christos '86  
 Mr. and Mrs. Christopher J. Cleary '83

Mr. and Mrs. Neal A. Clevenger '88  
 Jep Cohen '12  
 Mr. Kenneth W. Cohn '89  
 Mr. and Mrs. Larry M. Cole  
 Mr. and Mrs. Keith W. Collier '87  
 Mr. and Mrs. William L. Collins '69  
 Mr. and Mrs. Onesimo Colotl  
 Mr. and Mrs. Wayne Combs  
 Mr. and Mrs. Frank W. Comer '76  
 Dr. Tomoko H. Connolly and  
 Mrs. Richard Draper  
 Alex Cook '07  
 Mr. Andrew B. Corsten '11  
 Mr. Andrew W. Cottongim '97  
 Mr. Harold A. Cowan '90  
 Alan Crague '12  
 Mr. and Mrs. David A. Crawford '94  
 Mr. and Mrs. John P. Cross '72  
 Mr. and Mrs. Ryan L. Cross '02  
 Mr. and Mrs. H. Thomas Cummins  
 Mr. and Mrs. Thomas W. Cundiff '48  
 Mr. George Cunningham  
 Todd Cunningham  
 Ms. Jun Dai  
 Dr. and Mrs. Richard E. Dalton  
 Mr. Michael F. Damweber '99  
 Mr. and Mrs. Jeffrey R. Danner '80  
 Mr. and Mrs. Richard Daugherty '63  
 Mr. and Mrs. Thomas Daugherty '66  
 Mr. and Mrs. William E. Daugherty '87  
 Mr. and Mrs. Thomas M. Davey '69  
 Mr. and Mrs. Barry J. Davignon '90  
 Mr. and Mrs. Douglas L. Davis '78  
 Mr. and Mrs. Matthew D. Davis  
 Mrs. Sue Dayhuff and  
 Mr. Richard Dayhuff\*  
 Mr. Nick M. De La Garza '06  
 Mr. and Mrs. Anthony B. Decker '88  
 Mr. and Mrs. Donald L. Decker  
 Mr. and Mrs. Jeffrey Decker  
 Mr. and Mrs. Wilbur L. Decker '61  
 Mr. and Mrs. Harry C. Dees, Jr.  
 Ms. Lynn S. Degler  
 Ms. Karen A. DeGrange  
 Mr. Ronald E. Dempsey '04  
 Mr. and Mrs. David W. Deppe '78  
 Mr. Joel M. Derby '07  
 Mr. Benjamin M. Deschaine '13  
 Mr. and Mrs. Robert E. Devlin '49  
 Mr. Justin C. DeWell '02 and  
 Mrs. Ruth B. DeWell '04  
 Mr. Gerry Dick  
 Mr. and Mrs. Larry P. Dickson '56  
 Mr. and Mrs. Mark A. Dietzen '68  
 Mr. and Mrs. Bruce B. Dimon  
 Mr. and Mrs. John W. Dinkel, Jr.  
 Mr. and Mrs. Robert A. Dinning '59  
 Mr. Richard T. Do '07  
 Mr. Peter X. Dodge '83  
 Mr. and Mrs. Michael J. Dominik '76  
 Mr. and Mrs. Robert A. Downs '83  
 Mr. and Mrs. David R. Doyle  
 Mr. James A. Drees '88  
 Mr. and Mrs. Ross W. Dring '62  
 Mr. and Mrs. B. William Dudley '65  
 Mr. Brian J. Duggan '99  
 Mrs. Julie A. Dugger and  
 Mr. Chuck Dugger  
 Mr. and Mrs. Max R. Dugger, Jr.

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



Mr. and Mrs. Jimmie K. Dyer '57  
Mr. and Mrs. Shawn W. Eads '97  
Mr. Jon S. Edmondson '80 and  
Dr. Gwendolyn Edmondson  
Mrs. Nancy Eisenbrandt  
Mr. James L. Elkin '91  
Mr. and Mrs. Jack J. Ellis '49  
Mr. and Mrs. Charles N. Elwood '02  
Mr. Christopher P. Emborsky '04  
Mr. Richard B. Engelman and  
Mrs. Ida Engleman '73  
Mr. and Mrs. James W. Engle '67  
Mr. and Mrs. Daniel T. English '88  
Mr. Eduardo L. Escardo-Raffo '01  
Mr. David W. Eubank '83  
Mr. and Mrs. Hugh Eubanks  
Mr. and Mrs. Robert D. Evans '78  
Robert '66 and Jeanne Evans  
Mrs. Bernadette G. Ewen and  
Mr. Jeffrey Ewen  
Mr. and Mrs. Eric S. Fairfield  
Mr. and Mrs. Alonzo Farr  
Mr. Lon D. Farr '07  
Jerry and Pat Fehrbach  
Mr. and Mrs. Kenneth L. Ferry '78  
Mr. Elihu D. Feustel '92  
Mrs. Grace M. Findley and  
Dr. Andrew P. Findley, PhD  
Dr. and Mrs. Jerry M. Fine  
Mr. Alexander T. Fine '07 and  
Mrs. Sarah M. Fine '08  
Mr. and Mrs. Carl A. Fischer  
Mr. Robert J. Fischer H'01  
Mr. and Mrs. Frank Flak, Jr. '80  
Mr. and Mrs. Gabriel A. Fleck '86  
Mr. and Mrs. Steve Fleschner  
Mr. Walter H. Flood '75  
Mr. James W. Forbess and  
Mrs. Karen K. Kushner  
Mr. and Mrs. Pete R. Fowler '69  
Mr. and Mrs. David A. Frampton '90  
Mr. and Mrs. Gordon A. Francis '66  
Mr. and Mrs. Christopher S. Frank '84  
Mr. and Mrs. Donald P. Fread '74  
Mr. and Mrs. Dennis D. Fritz '68  
Mr. Jonathon M. Fruchte '05 and  
Mrs. Megan B. Fruchte '06  
Mr. and Mrs. Michael J. Fulk  
Mr. and Mrs. Mark L. Fuson  
Mr. and Mrs. Thomas R. Gallatin '61  
Mr. Robert Gardner  
Mr. and Mrs. Michael R. Garretson '89  
Mr. and Mrs. Drew L. Gehman '85  
Mr. and Mrs. Chris Gehring  
Mr. and Mrs. Eric S. Geib '93  
Gregory Gemmer '80  
Mr. Paul M. German, III '09  
Mr. and Mrs. Frank Gibbs  
Mr. and Mrs. David S. Gibson '75  
Mr. and Mrs. Glenn R. Gier  
Mr. and Mrs. James W. Godwin, Jr. '61  
Mr. and Mrs. Eric Goedrich  
Mr. Joseph N. Gold '03  
Mr. and Mrs. Daniel W. Goodwin '08  
Mr. and Mrs. Robert J. Gorgol '78  
Mr. and Mrs. Paul G. Goss '64  
Dr. Laurie Gossard and Mr. Cris Gossard  
Mr. and Mrs. Paul Gottfried '49  
Mr. and Mrs. David J. Gowan '92

Mr. Richard E. Graham, III '05  
Mr. Andrew S. Gahn '99  
Mr. James R. Grant  
Mr. and Mrs. Gary L. Grebe '69  
Dr. and Mrs. Michael C. Green '72  
Mrs. Phyllis B. Green '54  
Judge and Mrs. Harvey A. Greene '57  
Dr. and Mrs. Don A. Gregory  
Mr. and Mrs. Dan F. Gress '75  
Dr. and Mrs. Paul C. Griffith '83  
Mr. James D. Grinnell '13  
Mr. and Mrs. Thomas F. Gruenholz '71  
Mr. Trevor S. Guldstrand '11  
Mr. and Mrs. Paul L. Gunn '81  
Mr. and Mrs. Frank Guratzsch  
Mr. and Mrs. Luis O. Guzman '92  
Dr. and Mrs. Frederick L. Haan, Jr.  
Mr. and Mrs. Paul R. Haas, Jr. '50  
Lieutenant Timothy P. Hachfeld '08  
Mr. Troy P. Hall '92  
Mr. and Mrs. Denzil L. Hammond '50  
Dr. and Mrs. James H. Hanson  
Mr. Steven J. Harden '11  
Mr. and Mrs. Alan N. Harder '70  
Dr. M. Hossein Hariri and  
Mrs. Mahvash Khosravi  
Mr. and Mrs. Vernon Harkins  
Mr. and Mrs. Louis W. Harmening, Jr.  
Mr. and Mrs. Thomas A. Harrison '95  
Mr. and Mrs. Paul A. Hartman '76  
Ms. Laura Hartung  
Dr. Adam K. Haste '06  
Dr. and Mrs. Richard C. Haut '74  
Mr. and Mrs. Michael G. Hawkey '87  
Rob '84 and Jacque Haynes  
Mr. and Mrs. Xiaojie He '97  
Mr. and Mrs. David Heidlauf  
Mr. and Mrs. Daniel L. Helms '02  
Mr. and Mrs. L. Hendrix '87  
Mr. and Mrs. Scott Henry  
Mr. Douglas J. Hileman '76  
Mr. Kenneth J. Hilik '81  
Mr. and Mrs. M. Troy Hill, Jr. '61  
Mr. Clyde W. Hinkle, II '98  
Mr. Adam J. Hirsch '07 and Mrs.  
Jennifer M. Hirsch '07  
Mr. and Mrs. Rob Hirschfeld  
Mr. and Mrs. Michael D.  
Hlavaty-LaPosa '81  
Mr. and Mrs. Jerrold Hochstedler  
Mr. and Mrs. Robert W. Hodge, II '00  
Mr. and Mrs. Todd H. Hoevener '88  
Mr. and Mrs. Craig M. Hoffart '91  
Mr. and Mrs. Greg W. Hoffman '86  
Mr. and Mrs. David L. Hohlfield '69  
Mr. Aaron O. Holder '00 and  
Mrs. Amanda M. Holder '00  
Mr. and Mrs. Greg N. Holler '79  
Mr. and Mrs. David B. Holobaugh, Jr.  
Mr. Robert J. Honegger '60  
Dr. and Mrs. Keith E. Hoover '71  
Mr. and Mrs. Joshua M. Horstman '98  
Mr. and Mrs. Michael R. Horton '87  
Alan and Peg Hoskin '68  
Mr. and Mrs. Thomas R. Hough '88  
Mr. and Mrs. Corey D. House '92  
Mr. and Mrs. John P. Howlett '66  
Drs. Mark Hoyert and Cynthia O'Dell  
Mr. and Mrs. Nicholas A. Hritsko '04  
Mr. and Mrs. Todd R. Hubbell '96  
Dr. and Mrs. Joseph R. Huguenard  
Mr. James T. Hunt '66  
Mr. and Mrs. James W. Huston '80  
Mr. and Mrs. Dan T. Huynh '72

Mr. and Mrs. Gregory G. Ilich '85  
Mr. and Mrs. Robert L. Inman '70  
Mr. Chris Inman '00  
Dr. and Mrs. Ronald J. Ireland '61  
Mr. and Mrs. Richard K. Irey '58  
Mr. Mitchell P. Ishmael '11  
Mr. Matthew J. Iwema '14  
Dawn Jackson  
Mr. Cole A. Jacobs '12  
Joel and Heidi Jansen '98  
Mr. and Mrs. Adam P. Jarboe '05  
Mr. and Mrs. Nathaniel J. Jenniges '98  
Mr. and Mrs. Matthew J. Jensen '06  
Mr. Richard H. Jensen '64 and  
Mrs. Lorraine S. Grimes Jensen  
Mrs. Songok Ji  
Ed and Victoria Jirousek '66  
Mr. and Mrs. Jeffrey R. Johann '85  
Mr. and Mrs. Robert R. Johnson '60  
Mr. and Mrs. William Johnson  
Mr. Daniel W. Johnson '87  
Mr. Kenneth R. Johnson '89  
Mr. and Mrs. Joseph H. Joice '94  
Mr. and Mrs. David A. Jonas '68  
Mr. and Mrs. Matthew Jones  
Mr. Michael A. Jones '06  
Mr. Stephen Jones and  
Mrs. Patricia Peterson  
Mr. John E. Jordan '76  
Mr. Steven A. Junker '10  
Mr. Eric M. Kamer '13  
Mr. and Mrs. Kirt Keesling '80  
Mr. Gary G. Kelm '70  
Mr. and Mrs. Avery C. Kelsall '40  
Mr. and Mrs. Daniel J. Keown '91  
Mr. and Mrs. Alan W. Ker '43  
Mr. and Mrs. Jawahar Kesari '94  
Mr. and Mrs. Sanjay Khanna  
Mr. and Mrs. Ronald Kicinski '75  
Mr. and Mrs. Bryant Kieffner  
Mr. and Mrs. Richard L. Killion '70  
Dr. Jong Hun Kim and Mrs. NaRie Suh  
Mrs. Erin L. Kimble '10  
Mr. and Mrs. James K. Kimmerle '94  
Mr. and Mrs. Kenneth R. Kimmerle  
Mr. and Mrs. Christopher M. King '02  
Mr. and Mrs. Donald King  
Mr. and Mrs. Fred S. King '71  
Mr. and Mrs. Kevin K. Kingery '77  
Mr. Keith D. Kinman '78  
Mr. and Mrs. Fred A. Kinnan '70  
Mr. Robert Kipp and  
Mrs. Jingjing Liu '87  
Mrs. Arlene Kleptz '58  
Mr. and Mrs. Edward Knapp  
Mr. and Mrs. John C. Knight, III '91  
Mr. Daniel J. Knight '10  
Mr. and Mrs. Samuel J. Kowal '55  
Ms. Jacqueline A. Kozdras  
Mr. Christopher J. Kragh-Buetow '09  
and Mrs. Katherine C.  
Kragh-Buetow '10  
Mr. and Mrs. John W. Krampe '47  
Mr. and Mrs. Robert G. Krupp '77  
Mr. and Mrs. W. Matthew Kuester '00  
Todd '84 and Vicki Kuhse  
Mr. and Mrs. Erich R. Kunnemann '97  
Dr. and Mrs. Daniel P. La Gatta '60  
Mr. and Mrs. Matthew M. LaCross '09  
Mr. and Mrs. Bryan LaFree  
Mr. Chau Lam and Mrs. Tam Tran  
Mr. Mitchell A. Landess '94  
Mr. and Mrs. Thomas R. Larkin '74  
Ms. Colleen R. Lasher

Dr. and Mrs. Roger G. Lautzenheiser  
Ms. Jennifer A. Lawrence  
Kristina Lawyer '08  
Dr. and Mrs. Ronald E. Leach, MD  
Mr. and Mrs. Gary L. Leavitt '58  
Mr. Andrew R. Lee '06  
Mr. Artman Lee '74  
Mr. Daniel R. Lehenbauer '00  
Paul and Amy Leisher  
Mrs. Jo Leshner '49  
Mr. Nicholas R. Lester '08  
Anna Lewer '13  
Donald '55 and Mary Lou Lewis  
Mr. Stephen A. Lewis '09  
Ms. Patricia Lewis  
James and Ruth Ley  
Drs. Weng-Long R. Lin and  
Janet J. Hsu-Lin '86  
Mr. and Mrs. L. Scott Lindner '81  
Mr. M. Scott Lockard and  
Mrs. Nancy Marmion-Lockard  
Ryan '98 and Mandy Loftus '00  
Mr. and Mrs. Robert E. Logsdon '45  
Mr. Matthew B. Longbrake '07  
Ms. Lucinda Lee Lough '90  
Mr. and Mrs. Robert D. Lovell '63  
Mr. Geoffrey A. Lowe '95  
Dr. and Mrs. Darrell M. Loyless  
Mr. and Mrs. Ralph Lucarelli  
Mr. Donald E. Lundgren '66  
Mrs. Rachael L. Lynch '07 and  
Mr. Thomas P. Lynch  
Mr. and Mrs. Gerald T. Lyons, Jr. '87  
Mr. Gregory D. Lyons '06 and Mrs.  
Jesseca R. Lyons '07  
Mr. Zhigang Ma and Mrs. Shexin Gong  
Mr. William MacLeod '05  
Mr. Randal L. Malone '53  
Mr. Joseph Q. Marietta '00  
Mr. Joseph L. Mark  
Mr. and Mrs. Grant E. Markley  
Mr. and Mrs. James M. Marlett '73  
Mr. and Mrs. Gary P. Martin '76  
Mr. and Mrs. James L. Martin '57  
Mr. and Mrs. Michael D. Martin '04  
Mr. John R. Marum '83  
Mr. and Mrs. Kelvin Mason, PE '89  
Mr. and Mrs. Jerry L. Massa '65  
Ms. Meribeth Masters  
Mr. and Mrs. Michael Mathes '86  
Dr. and Mrs. Fujio Matsuda '49 H'75  
Mr. Andrew C. May '13  
Mr. Scott A. McBrayer '99  
Dr. Richard L. McCammon '71  
Mr. and Mrs. Scott A. McCan '84  
Mr. and Mrs. Mark A. McCandless '75  
Mr. Rory McClure  
Ms. Mary McClure  
Mr. Andrew P. McConnell '93  
Mr. and Mrs. Richard E. McCrocklin '81  
Mr. and Mrs. Vernon McCrory  
Ms. Carla McFarland  
Mr. and Mrs. Hal A. McGaughey '77  
Mr. Gerald H. McGlone '55  
Mr. and Mrs. Matthew McGoff  
Ms. Helen McGowan  
Mr. and Mrs. Larry W. McIntyre '86  
Mr. and Mrs. Robert A. McKnight '64  
Mr. John D. McLaughlin '11  
Ms. Sue McNabb  
Ms. Linda McNichols  
Mr. and Mrs. Stephen W. Meier '74  
Mr. Phillip N. Meiser '09  
Mr. Nathan T. Mendel '12

Mrs. Roberta C. Meredith '57  
Mr. and Mrs. Marvin E. Mericle  
Mrs. D. Danielle Merkel and  
Mr. Russell Merkel  
Thomas A. '71 and Jane Merrill  
Mr. and Mrs. Gary A. Meyer  
Mr. and Mrs. Gregory L. Michael '69  
Mr. and Mrs. James M. Michaels '60  
Mr. and Mrs. Stanley A. Mickey '73  
Max and Eva Middendorf  
Mr. Gregg A. Migaki '78  
Mr. Glen A. Miles '58  
Mr. and Mrs. Bryan S. Millard '85  
Mr. and Mrs. Alan A. Miller  
Mr. and Mrs. Ken Miller  
Mr. and Mrs. Ronald C. Miller '79  
Mr. and Mrs. Todd Miller  
Mr. and Mrs. William K. Miller '79  
Mr. Christopher A. Miller '14  
Mr. Christopher W. Miller and  
Mrs. Donna J. Dugan-Miller  
Mr. and Mrs. Gary L. Mills '85  
Dr. Joan Milluzzi and Mr. Frank Milluzzi  
Mr. and Mrs. John C. Minor '91  
Mr. and Mrs. Stephen E. Mitchell '68  
Mr. and Mrs. Chris A. Mobley '92  
Mr. and Mrs. Gerald L. Modesitt  
Mr. and Mrs. Carl E. Moffett, Jr. '64  
Mr. and Mrs. Frank P. Molinaro '58  
Dr. and Mrs. Michael J. Moloney  
Dr. and Mrs. Eric K. Mooney '82 H'03  
Mr. and Mrs. Erik P. Moore '97  
Mr. Robert G. Moore '14  
Mr. Travis A. Moore '02 and  
Mrs. Rebecca L. Moore '02  
Mr. and Mrs. Leo X. Morand '02  
Evelyn M. Morehead '51  
Mr. and Mrs. Dennis Morgan  
Mr. and Mrs. Ray Morris  
Mr. and Mrs. Thomas H. Morris '68  
Mr. and Mrs. Gene L. Mrava '57  
Mr. and Mrs. Leonard J. Muhlenkamp '93  
Mike and Linda Munro '59  
Mr. and Mrs. Richard M. Murdy '76  
Mr. and Mrs. Eric R. Murray '84  
Mr. and Mrs. Robert L. Murray '64  
Dr. and Mrs. David C. Mutchler  
Mr. and Mrs. Brian C. Myers '97  
Mr. and Mrs. Jeffrey A. Myers '87  
Mr. David L. Nagel '75  
Mr. and Mrs. Robert F. Naylor '87  
Ms. Patricia Nazar  
Mr. and Mrs. James B. Nees  
Mr. and Mrs. Kent A. Neier '91  
Colonel and Mrs. Joseph G. Nesbitt '74  
Mr. Benjamin P. Nicholson '93 and  
Mrs. Deborah Preston  
Mr. Caleb D. Nickels '13  
Mr. Jordan T. Nielson '12  
Tony '97 and Gina Niese  
Mr. and Mrs. Rodney A. Norder '79  
Mr. John F. Norman  
Mr. and Mrs. Roger A. Norris '90  
Ms. Nancy Novak  
Mr. and Mrs. Edward J. Nowacki, Jr. '66  
Mr. Justin D. Nuttall '13  
Mr. and Mrs. Paul A. Nystrom '74  
Mr. David M. Oberholtzer '74  
Mr. and Mrs. H. James O'Donnell, Jr. '59  
Mr. and Mrs. David H. Ohnesorge '78  
Mr. Larry C. Oldham '67  
Mr. and Mrs. Charles C. Olmsted '50  
Mr. and Mrs. D. C. O'Neil '00  
Dr. and Mrs. Charles D. Ormsby '92

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



Mr. and Mrs. Kelly K. Orr '96  
 Mr. John A. Ortiz '88  
 Robert '85 and Robyn Osika  
 Len and Margo Overton '74  
 Mr. and Mrs. Donald C. Owens '50  
 Mr. and Mrs. Eugene Paik  
 Mr. Jon R. Papp '10  
 Mr. and Mrs. Zai K. Parakh '89  
 Mr. and Mrs. Elijah T. Parker-Reyes '12  
 Mr. Jack E. Parks, Jr. '71  
 Mr. Robert S. Parks '89  
 Mr. Jerry L. Parr '59  
 Mr. Anilkumar C. Patel '79  
 Mike and Brenda Patrick '75  
 Mr. and Mrs. Jack M. Payonk '84  
 Mr. Joseph L. Payonk  
 Mr. Daniel L. Pechacek '07  
 Mr. Ravi Perumal and  
 Mrs. Selvi Ponniahpillai  
 Mr. and Mrs. Charles E. Petersen '69  
 Mr. and Mrs. Jeffery J. Phillips '74  
 Mr. and Mrs. Richard E. Pike '61  
 Mr. Matthew J. Pink and  
 Mrs. Jan A. Pink  
 Mr. James B. Pipp '94  
 Mr. and Mrs. Robert N. Pittman '72  
 Mr. and Mrs. Curtis A. Plett '87  
 Mr. Stuart D. Plumlee '87  
 Mr. and Mrs. Michael D. Poisel '90  
 Mr. and Mrs. Todd C. Pombert '98  
 Mr. and Mrs. Phillip D. Poor '92  
 Mr. and Mrs. J. Anthony Poparad '90  
 Mr. and Mrs. Dennis L. Porter '68  
 Mr. and Mrs. John Porter  
 Drs. Douglas Portz and Ann Oldendorf  
 Mr. R. William Posey '88  
 Mr. Robert L. Powell '51  
 Mr. Michael J. Pridal-LoPiccolo '11  
 Mr. and Mrs. Anthony J. Primozich '00  
 Mr. Donald W. Privett '72  
 Mr. and Mrs. Michael E. Privette '78  
 Mr. Claude E. Pugh and Mrs. Dnae Kinzie  
 Mr. William J. Puschaver '69  
 Mr. Bradley D. Quamme, II '13  
 Mrs. Ann Rader  
 Mr. Vijai Raghu '14  
 Mr. and Mrs. Robert E. Randolph '56  
 Dr. Harish Rao  
 Mr. and Mrs. Joseph W. Rebone '74  
 Mr. and Mrs. Michael C. Redman '66  
 Mr. Michael C. Reeves '06 and  
 Mr. Matthew Jordan  
 Mr. and Mrs. Earl T. Reichert '57  
 Mr. and Mrs. Thomas P. Reifenberg '53  
 Dr. David A. Rennels '64  
 Mr. Matthew P. Repking '08  
 Mr. Christopher D. Rettig '94  
 Dr. Jeffery S. Reynolds '86  
 Dr. and Mrs. Kenneth E. Rich '66  
 Mr. and Mrs. James Richard  
 Mr. and Mrs. Todd M. Richard '06  
 Mr. and Mrs. Steven A. Richey '77  
 Mr. and Mrs. Raymond Rickert  
 Mr. and Mrs. Kevin Riddett  
 Ms. P. A. Ringgold  
 Mr. William R. Ringo\* '41  
 Dr. and Mrs. David A. Ripple '69  
 Mr. Jonathan T. Richardson '84  
 Mr. Charles E. Risch '67 and  
 Mrs. Mary B. Risch  
 Mr. and Mrs. James J. Roach '57  
 Mr. and Mrs. Patrick R. Robert '04  
 Dr. Cheryl Robinson  
 Mr. Daniel L. Robinson '98

Mr. and Mrs. Thomas E. Robison '69  
 Mr. and Mrs. Leonard N. Roccia  
 Mr. Stephen E. Rodriguez '08 and  
 Mrs. Brandi L. Rodriguez '09  
 Mr. Jeremy P. Roehm '02  
 Mr. and Mrs. Mark Romeo  
 Mr. and Mrs. Laurence K. Romine '85  
 Mr. and Mrs. Douglas W. Roof '69  
 Dr. and Mrs. Steven Rothenberg  
 Mr. and Mrs. Greg Rousch '82  
 Mr. and Mrs. Matthew J. Rubacha '98  
 Ms. Sarah A. Rubel  
 Mr. Michael H. Rubin and  
 Mrs. Marci Van Gilder - Rubin '96  
 Mr. Jeffrey W. Rubitschun '07 and  
 Mrs. Caitlin L. Rubitschun '07  
 Mr. and Mrs. Stephen N. Rugh '84  
 Mr. and Mrs. Danny H. Russell '76  
 Mr. and Mrs. John G. Russell, Jr. '68  
 Mrs. Joy Sacopulos H'03 and  
 Mr. Gus Sacopulos  
 Mr. and Mrs. Michael J. Salay '83  
 Mr. and Mrs. Sherley W. Sample '71  
 Mr. Jeremy K. Sands '04 and  
 Mrs. Veronica R. Sands '05  
 Mr. Jason J. Sauppe '09 and  
 Mrs. Allison V. Sauppe '09  
 Mr. and Mrs. John W. Sawyers '54  
 Mr. Nigel C. Sayers '04  
 Mr. and Mrs. Robert Scala  
 Ms. Elaine M. Schaudt '14  
 Mr. and Mrs. James F. Scheidt '86  
 Mr. and Mrs. Ivo Schilbach  
 Mrs. Michelle R. Schlegel '99 and  
 Mr. Eric D. Schlegel  
 Mr. Kenneth A. Schmidt, Jr. '93  
 Mr. Milton W. Schmidt '74  
 Mr. and Mrs. William M. Schott '74  
 Mr. and Mrs. Kenneth R. Schnabel '86  
 Ms. Jennifer C. Schroeder '99  
 Mr. Eric M. Schue '07  
 Ms. Alexandra N. Schwier '13  
 Mr. and Mrs. Patrick J. Searle '78  
 Mr. Paul A. Sechrist '79  
 Mr. Scott A. Seeley  
 Mr. and Mrs. Jeff A. Seeman '92  
 Mr. Martin H. Seese '11  
 Mr. C. Thomas Sego '88  
 Mr. and Mrs. John L. Shambach '68  
 Mr. and Mrs. P. Kent Sharp '57  
 Mr. Thomas M. Sherman  
 Mr. and Mrs. Timothy P. Sherrill '96  
 Dr. Yosi Shiberu  
 Ms. K. Meghan Shilling '00  
 Mr. and Mrs. Mark D. Shirley '79  
 Dr. Azad Siahmakoun and  
 Ms. Parisa Keywanfard  
 Mr. Andrew L. Siegle '13  
 Mr. and Mrs. Tim J. Siktberg '78  
 Mr. Michael R. Skurnak  
 Mr. David A. Slavin '83  
 Dr. and Mrs. Benjamin S. Smith '97  
 Mr. and Mrs. Dan L. Smith '89  
 Mr. and Mrs. Kim J. Smith  
 Mr. Gary L. Smith '90  
 Ms. Kimberly N. Smith '05  
 Reverend Richard C. Smith and Phebe  
 Mr. Michael T. Smithback '00  
 Mr. and Mrs. Joseph W. Snyder '62  
 Dr. Robert Sokoloff and  
 Mrs. M. Rene Street  
 Mr. Daniel P. Soledad '08  
 Mr. and Mrs. William A. Songer '77  
 Mr. and Mrs. Karl B. Sorensen '99

James Squire '80  
 Mr. Donald Stalinsky  
 Mr. and Mrs. John R. Stargel '09  
 Mr. and Mrs. Kevin L. Steele '90  
 Mr. and Mrs. John W. Stephens '91  
 Mr. and Mrs. Steve Sterrett  
 Mr. Jeffrey L. '83 and Mrs.  
 Suzanne Sterrett  
 Mr. and Mrs. David Stetzer  
 John and Debra Stewart  
 Mr. and Mrs. Cary P. Stokes '84  
 Mr. and Mrs. Alfred L. Story '62  
 Mr. and Mrs. Todd M. Stout '07  
 Mr. and Mrs. Richard N. Streacker '58  
 Mr. Julian O. Strickland '14  
 Mr. and Mrs. Fred E. Strietelmeier '70  
 Stephen '76 and Barbara Sucher  
 Mr. and Mrs. Thomas J. Suelflow '88  
 Mr. and Mrs. Raymond L. Summerlot '74  
 Mr. and Mrs. Ronald J. Susemichel '63  
 Mr. Justin A. Swadling '12  
 Mr. Steven D. Swanson '86  
 Mr. David S. Swedelius '98  
 Dr. and Mrs. Maarij M. Syed  
 Mr. Robert S. Synko '82  
 Mr. and Mrs. David J. Szczepanek '69  
 Mr. Steven J. Tackett '81  
 Mr. Matthew A. Talbert '99 and  
 Mrs. Ann M. Talbert '99  
 Gary and Carolyn Tate '58  
 Henry and Eva Taylor  
 Mr. and Mrs. James L. Teegarden  
 Mr. and Mrs. Barry L. Templin '02  
 Mr. Scott Terek '89  
 Mr. and Mrs. David W. Thomas '88  
 Mr. Mitchell A. Thomas '09  
 Kelly Thompson-Frater and Bob Frater  
 Mr. and Mrs. R. Stephen Tiek '75  
 Ms. Phyllis Triemsta  
 Ms. Patricia S. Trifone  
 Mr. and Mrs. Robert L. Trotter '57  
 Mr. Micah N. Trusty '97 and  
 Mrs. Tiffany S. Trusty '97  
 Mr. Shawn M. Turner  
 Ms. Amelia B. Turner '11  
 Mr. Charles Uhl\*  
 Mr. and Mrs. Donald Umbower, Jr.  
 Mr. and Mrs. Robert E. Valle '64  
 Mr. Roger R. VanDerSnick '85  
 Ms. Lucinda L. VanMaren Dennis '90  
 Mr. and Mrs. Paul C. Vaughn '85  
 Mr. and Mrs. Robert P. Virostko, Jr. '92  
 Dr. and Mrs. David R. Voltmer  
 Mr. Lynn Vornheder '91  
 Mr. Stephen W. Walker '68  
 Mr. and Mrs. Wayne F. Walter '49  
 Mr. Richard G. Wamsher '74 and  
 Mrs. Joann Boston  
 Mr. and Mrs. Roger C. Ward '71  
 Robert '09 and Rebecca Warden '09  
 Mr. Austin J. Weatherford '13  
 Mr. and Mrs. Joseph M. Weber  
 Mr. Thomas B. Weber  
 Mr. Dale L. Wedel '86  
 Mr. and Mrs. W. John Weinhardt '72  
 Drs. George R. and Rosemary Weir  
 Mr. and Mrs. Don V. Welker '60  
 John W. and Norma Welsh '43  
 Mr. and Mrs. George E. Wence '53  
 Mr. Peter F. Wentzel '89  
 Mr. and Mrs. Fred J. Wernicke '60  
 Mr. and Mrs. Gordon P. West '67  
 Dr. and Mrs. Arthur B. Western, Jr.  
 Mr. and Mrs. Gregory Westrup

Mr. and Mrs. Brian M. Whipp '92  
 Mr. and Mrs. Andrew L. White '94  
 Mr. and Mrs. John R. Whitworth '60  
 Mr. and Mrs. David J. Wicke '01  
 Nathan Wiley '94  
 Mr. Gregory A. Wilke '06  
 Mr. and Mrs. G. Mont Williams '66  
 Mr. and Mrs. Joe A. Williams '55  
 Mr. William J. Williams  
 Mr. and Mrs. Dale A. Willman '72  
 Mr. and Mrs. Thomas A. Windy  
 Mrs. Amanda K. Witter '99 and  
 Mr. Douglas J. Witter  
 Stephen Wlodarski and Tricia Nazar  
 Dr. and Mrs. Frank Wolf  
 Mr. Matthew P. Wolfe '82 and  
 Mrs. April A. Jordan  
 Dr. and Mrs. Michael Wollowski

Mr. and Mrs. James W. Wong '69  
 Mr. Larry A. Wood '85  
 Mr. and Mrs. S. Michael Woodard '73  
 Gary Wooddell '76  
 Mrs. Julie C. Wright  
 Mr. and Mrs. David N. Wylde '76  
 Carl (Gaoming) '95 and Jianying Mi Yang  
 Mr. and Mrs. David A. Yeager '68  
 Mr. and Mrs. Paul K. Yeager '80  
 Mr. David W. Yip, Jr. '06  
 Ms. Katie A. Yiznitsky '08  
 James P. Young '77  
 Mr. and Mrs. Gerald Young  
 Mr. Matthew D. Youngs '99  
 Dr. and Mrs. Gary L. Zack  
 Mr. and Mrs. Mark Zajac  
 Mr. and Mrs. Benjamin D. Zeller '97  
 James Zeszutek

WE  
ARE



## 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 connect 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.

You can help us start our 2015-16 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 students' lives, support world-class faculty, and help solidify Rose-Hulman's plan for the future by visiting [rose-hulman.edu/give](http://rose-hulman.edu/give) or calling 812-877-8217.



## CORPORATE AND FOUNDATION SUPPORT

Recognizing annual gifts from corporations and foundations of \$1,000 or more from July 1, 2014 to June 30, 2015.

ABB Inc	General Electric	Lookout Foundation, Inc	Siemens Product Lifecycle Management Software Inc
Aerojet-General Corporation	Geraldine C. and Emory M. Ford Foundation	LPL Financial	Skinner Family II, LLC
AI International Inc	Global Impact	Mac Fehsenfeld Family Foundation, Inc	Skyworks Solutions, Inc.
Alcoa Foundation	Goldman Sachs	Maplesoft	Sony Music Holdings Inc dba Sony DADC
Allison Transmission, Inc	Gregory L. Gibson Charitable Foundation, Inc.	Marathon Petroleum Company LP	Steel Dynamics, Inc.
Allstate Insurance Company	Halliburton Foundation Inc	Max L. & Jacqueline Gibson Foundation	Stifel Nicalaus & Co Inc
American Endowment Foundation	Hansen-Furnas Foundation, Incorporated	McGregor Student Fund	Terre Haute Convention & Visitors Bureau
American Structurepoint Inc	HBM Incorporated	Meagan Medical Incorporated	Texas Instruments Incorporated
Ampacet Corporation	Hollie & Anna Oakley Foundation, Inc	MEPAC of Marathon Petroleum Company	The AYCO Charitable Foundation
Apache Corporation	Honeywell International Inc.	Microsoft Corporation	The Community Foundation of Louisville, Inc
Aramark Global Business Services	Hux Family Charitable Trust	Midway USA Foundation Inc	The Donor-Advised Fund of The Virginia Baptist Foundation
ArcelorMittal USA Inc	Ice Miller LLP	Midwest Neurosurgery PC	
Axis Architecture and Interiors	Independent Colleges of Indiana, Inc	National Christian Foundation Indiana	The Dow Chemical Company
Bemis Company, Inc	Indiana Bureau of Motor Vehicles: Terre Haute	Network for Good, Inc	The Furnessville Foundation
Bowen Engineering Corporation	Indiana Chemical Trust	Northrop Grumman Corporation	The MathWorks, Inc
C.H. Garmon & Son, Inc	Interactive Intelligence, Inc	Orange County Community Foundation	The National Philanthropic Trust
Clark Dietz Incorporated	International Centers for Telecommunication Technology Inc	Oscar Baur Foundation	The PepsiCo Foundation, Inc
Continental Robotics Intigration Inc	International Paper	P.C. Smith Family Foundation at the Vanguard Charitable Endo	The U.S. Charitable Gift Trust
Corporate Concepts Inc.	Jadcore Inc	Pella Rolscreen Foundation	The Weston Wabash Foundation
D.J. Angus- Sciencetech Educational Foundation	John P. and Lawrence J. Giacometto Foundation	Raytheon Company	Theriac Environmental Consultants, Inc
Delphi Automotive LLP	Johnson & Johnson	Renaissance Charitable Foundation, Inc	United Way of Central Indiana
Directed Energy Professional Society	Joseph B. and Nancy M. Tynan Family Foundation	Rick's Smokehouse & Grill	USA Funds
Donald W. Scott Foundation	Kao Family Foundation	RJE Business Interiors	Vanguard Charitable Endowment Program
Ellis Ventures	Kappa Kappa Kappa Inc	Rockwell Collins Charitable Corp	Vigo Engineering
Ernest B Plott Trust	KBR, Inc	Romill Foundation	Wabash Valley Community Foundation, Inc
Fidelity Charitable Gift Fund	Kern Family Foundation Inc	Sandia Corporation	Weil Foundation Charitable Trust
First Financial Bank	Lilly Endowment Inc	Schmidt Associates	Wilkinson, Goeller, Modesitt, Wilkinson & Drummy, LLP
Ford Motor Company	Lilly USA, LLC	Schwab Charitable Fund	Zuken USA, Inc
Freescale Semiconductor, Inc.			

## CORPORATE MATCHING GIFT SUPPORT

Recognizing matching gifts from corporations and corporate foundations of \$1,000 or more from July 1, 2014 to June 30, 2015.

Abbott Laboratories	Fluor Corporation	Motorola Solutions Foundation	The Baxter International Foundation
ArcelorMittal USA Inc	FM Global Foundation	Northrop Grumman Corporation	The Boeing Company
Beckman Coulter Foundation	General Electric	Northwestern Mutual Financial	The Dow Chemical Company Foundation
BorgWarner Inc	Georgia Power Company	O-I Charities Foundation	The John D. and Catherine T. MacArthur Foundation
BP Foundation, Inc	GSI Group, LLC	Procter & Gamble	The Lubrizol Foundation
Bridgestone Americas, Inc	Hill's Pet Nutrition, Inc	Qualcomm Incorporated	The Medtronic Foundation
Caterpillar Foundation	IBM Corporation	Raytheon Company	The PepsiCo Foundation, Inc
ConocoPhillips	Johnson & Johnson	Rockwell Collins	The Sherwin-Williams Foundation
Duke Energy Foundation	Marathon Oil Company Foundation	Shell Oil Company Foundation	TPG Capital, L.P.
Eli Lilly and Company Foundation	Marathon Petroleum Company LP	Steelcase Foundation	United Technologies
Enterprise Products	Masco Corporation	Texas Instruments Foundation	
ExxonMobil Foundation	Microsoft Corporation	Texas Instruments Incorporated	
Ferro Corporation	Moffatt & Nichol	The Bank of America Charitable Foundation, Inc	

WE  
ARE



# 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 special FRIENDS**

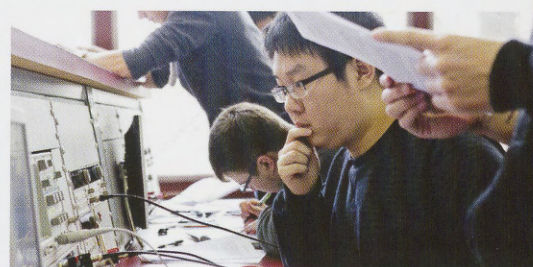
who believe in what we do, and support us with their contributions.

Change students' lives, support world-class faculty, and help solidify Rose-Hulman's plan for the future by visiting [rose-hulman.edu/give](http://rose-hulman.edu/give) or calling 812-877-8217.



# ROSE-HULMAN

INSTITUTE OF TECHNOLOGY



## Points of Pride

1

Nearly two decades as No. 1 undergraduate engineering institution (*U.S. News and World Report*)

2

Named No. 4 value-added college in U.S. by Brookings Institution

3

Ranked in Top 10 for return on investment (*Payscale*)

4

Six faculty listed in *Princeton Review's Best 300 Professors*

5

Top 10 "College That Pays You Back" (*Princeton Review*)

6

Top 5 for career placement (*Princeton Review*)

7

No. 2 among smartest colleges (*Lumosity*)

For the latest news go to [rose-hulman.edu/news](http://rose-hulman.edu/news).



# Echoes

**ROSE-HULMAN**  
INSTITUTE OF TECHNOLOGY

5500 Wabash Avenue  
Terre Haute, IN 47803

Address Service Requested



## Stay connected

Stay connected with Rose-Hulman through our website [rose-hulman.edu](http://rose-hulman.edu).

Also become a fan of Rose-Hulman's Facebook page or follow us on Twitter @rosehulman.



### PARTING SHOT

#### Blasting Off Science Interests

Nearly 50 middle schoolers met former astronaut Bernard Harris while exploring their STEM interests as Rose-Hulman hosted the ExxonMobil Bernard Harris Summer Science Camp for the first time this summer. "I want to inspire these kids to fulfill their dreams," says Harris, the first African-American to walk in space. (Photo by Bryan Cantwell)