

Fall 2003

Volume 2003-2004 - Issue 1 - Fall, 2003

Echoes Staff

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1 Echoes

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

Fall 2003

Vol. 2003-2004, No. 1

Engineer in the House

From Power Plants to Power Politics



ALL IN THE FAMILY

Housekeepers provide personal touch

LEADERSHIP WITH DEPTH

Alumnus commands nuclear sub



heard in the halls of Moench

“ This year's hottest schools are rising stars that deserve special notice for their choice attributes which include innovative curricula... our hope is to bring really good attention to places doing something well. ”

— *Seppy Basili, Kaplan Vice President and contributing editor to the Kaplan Newsweek Hot Schools guide that ranked Rose-Hulman as one of the country's 12 “hottest colleges.”*

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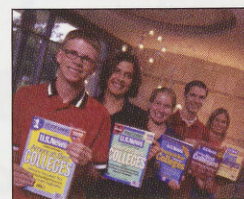
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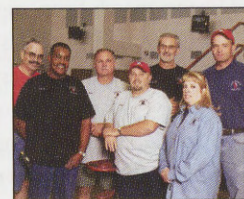


ON THE COVER

Washington, D.C., photographer Michael DiBari, Jr., captured this portrait of alumnus and U.S. Representative John Hostettler in Statuary Hall of the U.S. Capitol.



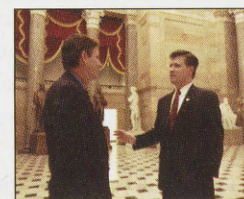
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Great Days

A LETTER FROM THE PRESIDENT

A KEY TO OUR SUCCESS — A CULTURE OF COOPERATION

I would like to switch from engineering educator to sociologist for this column as I address one of the key elements I believe is responsible for the success of Rose-Hulman — our sense of community. Rose-Hulman is a special place where everybody, regardless of title, teaches and everybody works together. So many of the educational developments we have achieved in recent years have been spawned in a culture of cooperation.

Rose-Hulman is a college where faculty and staff pull together for one common cause — our students. They are the only reason we exist. What we do here on a daily basis must focus on students and transcend any individual agendas that do not contribute to that mission.

I am not saying we ignore the individuality of our people. Just sit in on one of our faculty meetings and you'll hear a lively exchange of ideas. Divergent viewpoints make us stronger and we encourage personal and professional growth among our faculty and staff, but we do so in an environment that says "we're all in this together." We share a destiny that blends our individual responsibilities and gifts with the corporate responsibility to help others.

The best evidence of such mutual support is found in the Rose-Hulman learning experience. Of course, faculty form the front line of our technical education in our classrooms and labs, but the learning does not stop there. They also provide lessons in how to live a life. Those lessons are countless, but examples include community service, perseverance, raising a family, teamwork and passion for discovery. Our students see our faculty "after hours" building a Habitat for Humanity house or playing concert piano in an Engineers in Concert performance or preparing to climb Mt. Kilimanjaro or bringing their kids to a Rose-Hulman sporting event. We are role models beyond the gates of 5500 Wabash Avenue.

Teachable moments are not limited to faculty members. Everybody at Rose-Hulman is a teacher, including our staff. As I travel across the country visiting with alumni, conversation inevitably turns to a recollection of a coach or a staff adviser who played a positive role in an alumnus' life. It may have been a heart-to-heart discussion after a tough final exam or an invitation to dinner or a note of encouragement left in a room by a housekeeper. All members of the Rose-Hulman family are willing to jump in and play a role in the education of our students.

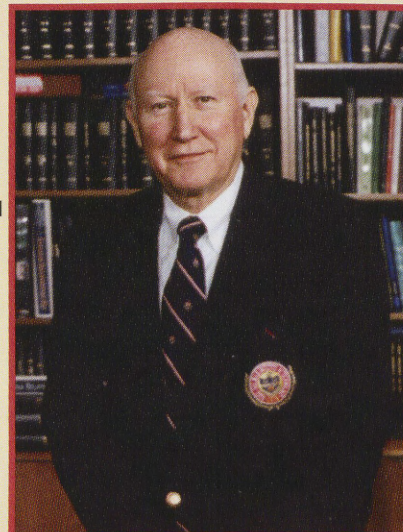
The "jump-in" mentality goes beyond the educational process. Each of us is responsible for other aspects of the college as well. One example I put forth is the admissions process. We have a top-flight team of admissions professionals whose

job is to recruit the best pool of students possible. It is how they earn their paychecks, but the responsibility for admissions falls to all of us. We all help spread the word to prospective high school students through family contacts and community and professional outreach. We even help the admissions process in how we interact with visiting students in the hallways and with how we answer the phone. In the same way, we all are responsible for public relations, fund raising, maintenance...anything to do with Rose-Hulman and its mission.

Our faculty and staff embrace this philosophy with zeal. They will do anything to help the college complete its mission. For example, an errant piece of litter will be picked up by a vice president or a faculty member will provide an impromptu tour of campus to a visiting family. When a faculty member becomes ill and cannot get to class, his or her colleagues volunteer to take over the course load. This type of cooperation happens without a lot of asking or pushing by top-level administrators. If somebody sees a need, they deal with it.

Rose-Hulman is not a perfect place, but the cooperation between faculty and staff is phenomenal when compared to other colleges. Our faculty are grateful for the support provided by our staff in all areas, and in the same way, our staff appreciates what the faculty must do in the classrooms and labs. In our culture, everybody is important and our people strive to support each other. It is something we must continue to do, because the college cannot continue to prosper unless we all prosper.

If you have been a regular reader of this column, it will be no surprise that I revel in the accomplishments of our faculty, staff, students and alumni. I am proud of our Number One ranking in the U.S. News & World Report survey of higher education and I take great joy in Rose-Hulman being named a "hot college" by Kaplan/Newsweek. I hope the accolades keep coming for our college, but I will continue to take my greatest pride in the sense of community that defines Rose-Hulman. ■



By Samuel Hulbert, President of
Rose-Hulman Institute of Technology

ELIZABETH KLIMES ELECTED TO BOARD OF TRUSTEES

Elizabeth Klimes, president of Specialty Care Products, Eli Lilly and Company in Indianapolis, has been elected to the Rose-Hulman Institute of Technology Board of Trustees.

Klimes is a member of the company's senior management forum. Previously, she was general manager of Lilly Deutschland GmbH from 1998 to 2001.



Elizabeth Klimes

She joined Lilly in 1982 as a design engineer in process automation and subsequently worked in manufacturing facility and capacity planning before becoming manager of manufacturing strategy development in 1989.

In 1991, she became manager of biochemical manufacturing. She served as plant manager for Indianapolis dry product manufacturing in 1991. In 1995, Klimes accepted a position as director of manufacturing for the endocrine business unit and in 1997 became executive director and chief procurement officer.

Klimes, a native of Greenwood, Ind., earned a bachelor of science degree in electrical engineering from Purdue University in 1981. Klimes also received a master of business administration degree from Indiana University. ■

NEW FACULTY BRING EXPERIENCE TO CLASSROOM

New members of Rose-Hulman Institute of Technology's faculty bring a wealth of academic and industrial experience to the classroom for the 2003-2004 school year. Several newcomers have been award-winning teachers and have helped the institute expand course offerings in several academic departments.

The Department of Computer Science and Software Engineering added three new professors: Salman Azhar, former vice president of professional services for the SoftWeb Corporation (Calif.); Stephen Chenoweth, former employee for Millennium Services (N.J.), Lucent Technologies and NCR Corporation; and Archana Chidanandan, a former graduate research assistant at the University of Louisiana.

New members of the Department of Applied Biology and Biomedical Engineering include Alicia Cecil, a former graduate student at Indiana University, and Janice Bossart, a former professor at The College of New Jersey.

The Department of Humanities and Social Sciences has welcomed Economics Professor Elham Mafi Kreft, formerly a graduate assistant at West Virginia University; Spanish Professor David Gohre, formerly from Notre Dame; and History Professor Samuel Martland, a Harvard graduate who was a doctoral fellow at the University of Illinois.

New faculty in Electrical Engineering and Computer Engineering are Mihaela Radu, a former professor at the Technical University of Romania, and Brandon Laflen, a doctoral fellow at Purdue University.

Other new faculty include David Branning and Sergio Granieri, in the Department of Physics and Optical Engineering; and Mark Inlow and Christopher Leisner, in the Department of Mathematics Department. Branning came from the University of Illinois and Granieri was a postdoctoral research fellow at Rose-Hulman. Inlow formerly taught at the University of Arizona while Leisner was at Florida Atlantic University.

Returning to the engineering management faculty is William Kline, after serving as chief operating officer of Montronix (Mich.).

Lt. Col. David Allen is the new head of the aerospace studies and Air Force ROTC programs, while Major Bruce Guggenberger is head of the Army ROTC unit. Captain John Creighton is a professor of aerospace studies (Air Force) and Master Sergeant Gregory Pennell is the Army's senior military instructor.

Returning from sabbatical are Phillip Cornwell, from the University of Western Australia and the Los Alamos National Laboratories; Heinz Luegenbiehl and Andrew Mech, who taught at the Kanazawa Institute of Technology in Japan; Dennis Lewis, who assisted in identifying the detection methodologies for chemical and biological terrorist attacks; Michael McInerney, who worked at Fairchild Semiconductor in the Philippines; and Niusha Rostamkolai, who worked at Cinergy and the Midwest Independent System Operator Operating Reserve Task Force. ■

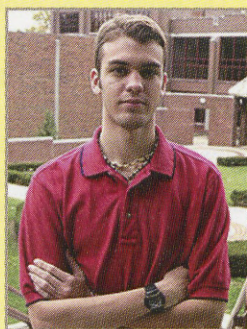
ROSE-HULMAN STUDENT RECEIVES NATIONAL HONOR FOR HELPING OTHERS

Rose-Hulman Institute of Technology freshman Ryan Nevitt was among 10 youth leaders to receive the 2003 Yoshiyama Award from the Hitachi Foundation for exemplary community service. He was honored at a luncheon at the National Press Club in Washington, D.C.

After reading about the benefit of cell phone access for victims of domestic violence, Nevitt sought to involve his hometown of Iota, La., and neighboring areas in the national "Call-to-Protect" cell phone drive.

Nevitt organized a "Donate-a-Phone" campaign to collect recycled cell phones, which are reprogrammed by Motorola to dial 911 and then given to victims of abuse. The project collected more than 1,000 cell phones.

The mechanical engineering major also approached Faith House, an outreach office for domestic violence victims in Crowley, La., to investigate other areas of need and initiated a collection of personal items for battered women and children.



Ryan Nevitt

NATIONAL HONORS KEEP COMING

BY DAVID PIKER

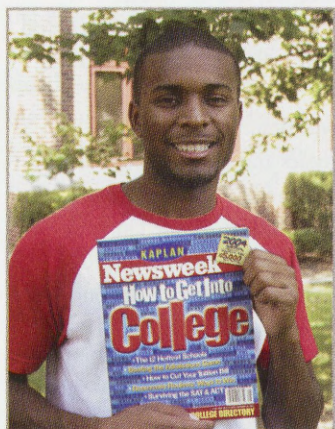
RANKINGS AN INDICATION OF ROSE-HULMAN'S GROWING NATIONAL REPUTATION

When you're hot, you're hot. During a six-week period this fall, the national honors just kept coming for Rose-Hulman Institute of Technology.

First, it was the announcement that Rose-Hulman had retained the No. 1 ranking for a fifth consecutive year in its category in U.S. News & World Report's "America's Best Colleges" survey. Each of the college's engineering departments that were among those included in the magazine's survey earned a No. 1 ranking for the fourth straight year.

Ten days after the U.S. News rankings announcement, more than three million readers of Newsweek learned that Rose-Hulman is one of only 12 institutions selected for a "hot schools" list by the editors of the Kaplan/Newsweek "How to Get Into College" guidebook. There was more national publicity to come. A month after the release of the "hot schools" list, The Princeton Review announced that Rose-Hulman was among the nation's top five "most connected campuses." The news was posted on the Forbes magazine Web site as well as the online site for The Princeton Review.

In addition to the national publicity generated by the three announcements, the news is another indication that Rose-Hulman is becoming better known nationwide for the quality of



Ja Maal Gassett displays a copy of the Kaplan/Newsweek "Hot Schools" rankings.

its educational programs. The Kaplan/Newsweek "hot schools" list was based on input from high-school counselors, students, teachers and higher education officials. U.S. News determines its rankings based on survey responses from engineering deans and senior engineering faculty. The Princeton Review received information from 600 campuses and more than 100,000 college students.

NO. 1 IN U.S. NEWS SURVEY FIVE CONSECUTIVE YEARS

The U.S. News survey asks engineering faculty to rank institutions they are familiar with on a scale of one to five, with five indicating distinguished status. Rose-Hulman's peer assessment score was 4.4, ranking the college as the best in the nation among schools that offer the bachelor's or master's as the highest degree in engineering.

The survey results were also used to rank engineering departments in the same category as the overall institutional



Students Kyle Beasley, Nicole Burris, Stefani Vande Lune, Chris Jester and Kari Unverfehrt hold up the last five U.S. News college guides ranking Rose-Hulman No. 1 in its category.

ranking. Rose-Hulman's departments of chemical, civil, electrical and computer and mechanical engineering retained their top ranking. The magazine's survey did not include software engineering, biomedical engineering or engineering physics which are undergraduate degree programs also offered by Rose-Hulman.

"The results of the national survey are a wonderful testament to the quality of our programs and the outstanding abilities of our faculty, students, staff and alumni," said Rose-Hulman President Samuel Hulbert.

The U.S. News rankings are published in the magazine's 2004 "America's Best Colleges" guidebook, which is available on newsstands until next August. The magazine's Web site also includes the ranking data.

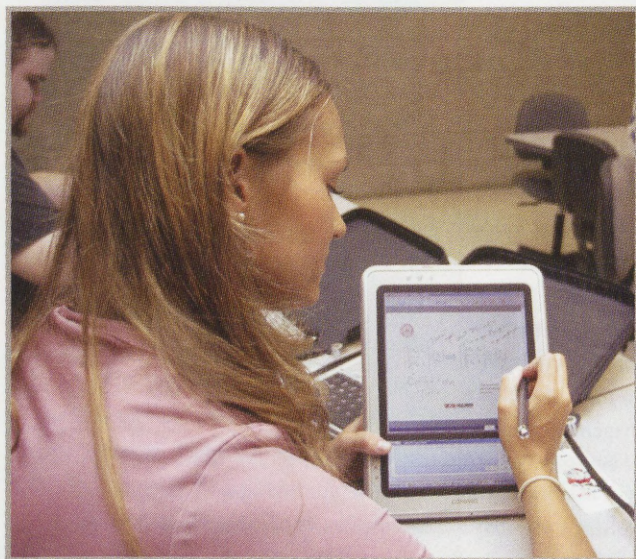
U.S. News editors note that while the rankings are a useful resource in the college selection process, a prospective student should not make a college choice solely on a school's ranking. Hulbert agreed that high-school students should use the rankings as one of several useful sources of information.

"Visiting campuses is essential to making a good college choice," he stated. "Rose-Hulman's chances of enrolling students improve greatly after they've had the opportunity to talk with faculty and students, tour campus and learn about the successes of our graduates."

Rose-Hulman Dean of Admissions Chuck Howard said Rose-Hulman's No. 1 ranking has created more interest in the college from students living outside the Midwest.

"The ranking has increased national awareness about the quality of our programs. During just the summer months, we hosted over 800 students, which compares to 1,600 students who visited during the entire previous recruiting season," he noted.

The U.S. News ranking influenced freshman Steven Shepson of Redlands, Calif. to choose Rose-Hulman, "The No. 1 ranking made me apply to the school," said Shepson, who also considered three California colleges that were also ranked by U.S. News. "Then, after being accepted, the rankings made me decide to visit the campus. That visit got me very interested in attending Rose-Hulman. It was the best decision for me," he said.



Crystal Landreth demonstrates one of the tablet personal computers being used on campus.

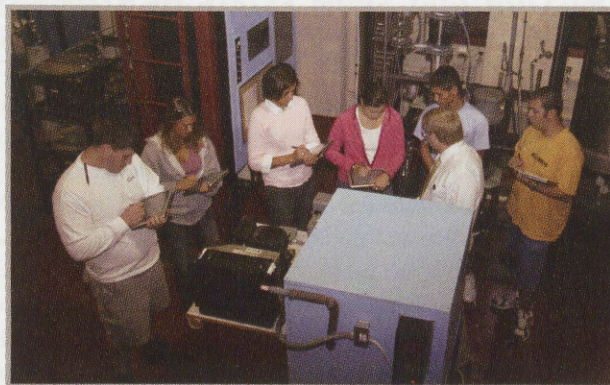
KAPLAN/NEWSWEEK DESCRIBES ROSE-HULMAN AS A "RISING STAR"

The "hot schools" article in the Sept. 1 issue of Newsweek described Rose-Hulman as a "rising star among tech peers like Caltech and MIT." Rose-Hulman tied with Carnegie Mellon University in Pittsburgh as the most-tech savvy school, according to the list.

"This year's hottest schools are rising stars that deserve special notice for their choice attributes which include innovative curricula," stated Seppy Basili, Kaplan Vice President and contributing editor to the guide.

"Our hope is to bring really good attention to places doing something well," Basili told the Terre Haute Tribune-Star.

Since the "hot schools" list was created seven years ago, no college or university has been selected for the list more than once.



Professor Alfred Carlson's chemical engineering class uses tablet personal computers in the high-bay lab.

"MOST CONNECTED" RECOGNIZES ROSE-HULMAN FOR CAMPUS TECHNOLOGY

Rose-Hulman is the only Indiana higher-education institution named to the "Top 25 Most Connected Campuses" list released Oct. 2 by The Princeton Review. Rose-Hulman earned a fifth-place ranking. The list illustrates the depth and breadth of technology on American campuses.

In its selection of colleges for the list, The Princeton Review collected data from 600 campuses about student/computer ratio, wireless access on campus, and the breadth of the computer science curriculum.

The Princeton Review is a New York City-based company known for its test preparation courses, admissions and education services, and books. Rose-Hulman has been included repeatedly in The Princeton Review's annual "The Best 351 Colleges" publication.

"In the past two years, Rose-Hulman has made substantial improvements to its computing network and systems," Hulbert said.

Rose-Hulman has over 7,000 high-speed switched data ports and more than 40 wireless access points, according to Louis Turcotte, vice president for instructional administrative and information technology at Rose-Hulman. All faculty and students have laptops and the majority have wireless capabilities.

Rose-Hulman faculty this fall are also using 70 tablet personal computers and 85 iPAQ pocket computers, donated by Hewlett-Packard Company, to develop new teaching methods utilizing the latest in mobile technologies.

"Rose-Hulman has been a leader in computer-aided instruction since the 1980s when our faculty pioneered the use of computer algebra systems to improve mathematics education," Hulbert stated. "In 1995, Rose-Hulman was one of the first colleges to require all students to own a laptop computer."

This fall, a new software engineering degree program was launched and uses new facilities created by a \$1.8 million project that remodeled the old Moench Hall Auditorium location into new space for the Department of Computer Science and Software Engineering. ■

\$7 MILLION GIFT FROM ESTATE OF ALUMNUS MICHAEL PERCOPPO LARGEST EVER FOR SCHOLARSHIPS



Michael Percoppo

Rose-Hulman Institute of Technology will receive \$7 million for scholarships from the estate of alumnus and former trustee Michael Percoppo of New York City. The gift is largest donation for scholarships the private engineering, mathematics and science college has ever received, according to Rose-Hulman President Samuel Hulbert.

The gift will increase the number of four-year, full-tuition scholarships offered through the Michael and Christa Percoppo Scholarship Fund. He created the scholarship fund in 1992 to attract top students from the East and West coasts who would add to the geographic diversity of the Rose-Hulman student body. Scholarship recipients must maintain a B-plus grade point average. The first new scholarship will be awarded next fall.

Students eligible for the Percoppo Scholarships must also be in the top 10 percent of their high-school graduating class, have the potential to attain high positions in the management field, demonstrate the leadership characteristics of a "self starter," and preferably be from a high school that specializes in science and technology.

Percoppo died on Jan. 25 in New York City. He was a 1943 Rose-Hulman graduate who served as a member of the college's Board of Trustees for 21 years. He is survived by his wife, Christa, who serves on the advisory committee for the scholarship fund.

"Mike Percoppo's unselfish generosity will greatly enhance Rose-Hulman's ability to recruit the nation's most academically talented students for decades," stated

Rose-Hulman President Samuel Hulbert. "He provided valuable support to his college for more than 50 years. We are very grateful that he has left a legacy that illustrates his deep affection and dedication to his college," Hulbert said.

Percoppo had also previously established a fellowship at Harvard University for Rose-Hulman alumni interested in earning an MBA. Percoppo received an MBA from the Harvard Business School in 1948.

Percoppo retired as president of Squibb International and then served as president of MWP Associates International in New York City.

Percoppo was presented with an honorary doctor of laws degree from Rose-Hulman in 1972. In 1997, the Rose-Hulman Office of Career Services and Employer Relations in the Hulman Union was dedicated in honor of Percoppo and his late wife, Catharine. During his service as a trustee, he was a member of the board's investment management, academic affairs and Ventures Success Fund committees.

Percoppo received his B.S. degree in chemical engineering. After serving as a captain in the United States Army, and earning an MBA from Harvard, Percoppo began his career with Squibb in Rome, Italy. Promotions came quickly and included positions as assistant to the president of Squibb in Sao Paulo, Brazil, managing director in Turkey and general manager of Middle East Operations. In 1957, Percoppo was promoted to vice president, Southern Latin American, and later became president of Squibb for the Western Hemisphere and Middle East. He was appointed president of Squibb International in 1978. ■

CATERPILLAR ALUMNI HELP DEVELOP NEW STUDIO COURSE LAB

A \$100,000 gift from Rose-Hulman Institute of Technology alumni of Caterpillar Inc. and the Caterpillar Foundation is allowing students to expand their knowledge of electronic circuits, electrical engineering and computer engineering through a new studio-style laboratory classroom.



President Samuel F. Hulbert and John Winters

The educational work space was dedicated in Moench Hall on Oct. 3 by Rose-Hulman President Samuel Hulbert and John Winters (Mech. Eng., '49), retired vice president and general manager of Caterpillar. Several Rose-Hulman alumni have donated money which, together with a grant from the National Science Foundation, has enabled Rose-Hulman to construct and equip the new laboratory classroom.

The studio format puts the regular classroom setting and a laboratory environment in the same work space. It allows students to learn technical content while gaining experience in teamwork and communication; better utilizes educational resources; and has been found to be effective in teaching of entry-level courses.

The classroom gives students the opportunity to conduct a variety of experiments in small steps that can be repeated and reinforced throughout the length of a course, according to Ed Wheeler, assistant professor of electrical and computer engineering. He joined colleague Cliff Grigg in helping develop the laboratory. ■

CAMPUS DEDICATES WORLD-CLASS SCULPTURE

Stunning. Creative. World class. Those were some of the superlatives expressed during the dedication ceremonies Sept. 27 for the Flame of the Millennium, a 44-foot, stainless steel sculpture located adjacent to Hatfield Hall and slightly east of the main campus drive. Nearly 300 guests attended the dedication to honor the artist who created the sculpture and the benefactors who made it possible to add the artwork to the campus landscape.

Special guests were Glen and Barbara Raque, who donated the sculpture, and the sculpture's creator, world-renowned Mexican artist Leonardo Nierman. Glen is a 1969 Rose-Hulman graduate. The Raques' son, Rob, graduated from Rose-Hulman in 1999, the same year that his father received an honorary degree from the college.

"I believe the creativity exhibited in Nierman's design will serve to strengthen the creative spirit in Rose-Hulman students," said Raque, who is president of Raque Food Systems in Louisville, Ky.

The 7,000-pound sculpture, which was moved to campus in May, is surrounded by a reflecting pool. A Reflection Plaza Brick Walkway will be constructed around the reflecting pool



From left: Artist Leonardo Nierman, Barbara Raque and Glen Raque in front of sculpture.

upon the completion of a fund-raising project to sell bricks as a source of revenue to complete the walkway. Bricks can be created in honor of or in memory of individuals.

"Rose-Hulman is very fortunate that Glen and Barbara Raque have made it possible for us to receive such a world-class sculpture," stated Rose-Hulman President Samuel Hulbert. "Rose-Hulman now joins some of the world's most well-known cities as the home of one of Leonardo Nierman's remarkable pieces of art," he said.

Upon seeing his sculpture on campus for the first time, Nierman remarked, "My love for academic institutions is enormous. For the Flame of the Millennium to be located in an academic setting is incredibly satisfying to me."

His abstract paintings, sculptures and tapestries have been exhibited in famous museums in Europe, the Middle East, North and South America. Nierman's works are collected by corporations, individuals and museums worldwide. His education in physics and mathematics at the University of Mexico and his study of the psychology of color and music have shaped his artistic style. Nierman has been honored as a Life Fellow of the Royal Society of the Arts in London, England, and has received awards from arts organizations in Italy, Monaco, Mexico and the United States.

The sculpture joins the college's art collections that total 1,500 pieces, according to Rose-Hulman Art Curator Matt McNichols. Campus collections include the 130-piece 19th century British Watercolor collection; the 100-piece Tri Kappa Art Collection of noted Indiana artists; and 600 original paintings by noted Terre Haute artist Omer "Salty" Seamon. ■

\$1.4 MILLION FROM A DISTANT ADMIRER

An article in his fraternity's magazine introduced Robert Blucker to Rose-Hulman Institute of Technology. The United States Foreign Service officer continued to notice success stories about Rose-Hulman students in subsequent issues of the Pi Kappa Alpha national magazine. Blucker was intrigued. As he conducted additional research about Rose-Hulman his admiration for the college grew. Blucker had found what he later described as "a real school."

Blucker, who resided in Little Rock, Ark. continued to admire Rose-Hulman from afar, but distance did not diminish his interest in providing support to

Rose-Hulman. In 1994, Blucker began to make major contributions to Rose-Hulman through charitable gift annuities. His generosity continued as he named Rose-Hulman as the beneficiary of various investment accounts. In April of this year, the Arkansas native, who survived 444 days as a hostage in Iran from 1979-81, died at the age of 75.

What started as a relationship sparked by magazine articles about the success of our students will result in helping future students. His gifts to Rose-Hulman include \$1,275,900 to create the Blucker Scholarship Endowment Fund, and \$200,000 as an unrestricted gift to the college's endowment.

First preference for Blucker Scholarships will be given to active members of the Rose-Hulman chapter of Pi Kappa Alpha.

Blucker earned a bachelor of science degree in chemical engineering from the University of Wisconsin in 1954. After serving in the U.S. Navy in the Korean War, he worked for three years as a process engineer for Texaco. His 27-year foreign service career included consular and economic officer assignments in Argentina, West Germany, East Germany, Nigeria, Libya and Iran. His last assignment was a consular general in West Berlin, Germany. ■



CREATING EFFECTIVE PARTNERSHIPS FOR ECONOMIC GROWTH

Indiana economic development, financial and business incubator leaders have something in common with their counterparts in other parts of the United States and in China. To learn about the most successful practices in business incubation and how to create effective partnerships for economic growth, they met at Rose-Hulman Ventures.

Rose-Hulman Ventures (RHV) has aggressively identified opportunities to leverage its capabilities in cooperation with other colleges and universities, incubators, businesses, governments, cities and economic development organizations to pool resources to expand and create technology-based companies. In the past six months, Rose-Hulman Ventures hosted statewide and national forums and partnered with Purdue University to assist an Indiana technology company.

RHV hosted a leadership forum where community leaders and entrepreneurs from around the state identified specific opportunities to collaborate in building innovation-based businesses. The focused forum created greater awareness of regional development efforts from throughout the state and laid groundwork for co-investment and partnership opportunities.

"The potential educational, economic and technological gains for the entire state of Indiana are unlimited with this type of collaboration," said Jim Eifert, president of Rose-Hulman Ventures.

David Becker, chairperson of TechPoint, the leading change agent for Indiana's technology industry, had these comments about the benefits of the forum, "Based on my 20 years experience in the technology community in Indiana, this will go down as a landmark event." Becker added, "It's the first time we have gotten people together on a statewide level from Scottsburg all the way to Elkhart. It's economic development. It's major universities. It's entrepreneurs. It's companies all in the room at the same time.



Several ideas were exchanged during a break-out session of an international incubator conference conducted at Rose-Hulman Ventures.

But more importantly, it's sharing ideas, opportunities, and best practices."

A partnership involving RHV, Purdue University and Griffin Analytical Technologies is an excellent example of the kind of positive synergies under way between academia and the private sectors. RHV is investing in Griffin, located in the Purdue Research Park, to help develop the technology from the prototype stage to a commercialized product ready for the marketplace. Griffin is licensing proprietary Purdue technology to deliver a miniaturized mass spectrometer to the analytical instrumentation market. RHV is lending expertise in specific areas such as manufacturability, performance optimization, minimization of power consumption, and production cost reduction.

RHV's most recent method of seeking strategic partners was hosting a gathering of business incubation leaders, decision makers and related policy makers from throughout the United States and China. Rose-Hulman Ventures shared its technology-based model with 40 leaders in business incubation, capital formation and investment, economic development, business, government, civic and academia.

"We are at a point where it is important for us to look at best practices from around the country and around the world. That includes ways to refine client recruiting and

screening, venture capital deal structure, business support and strategic relationships," Eifert said.

Leaders from 11 states and China collaborated in this two-day event on unique approaches to new venture formation.

Dayong Wu, vice president of Tsinghua Business Incubator in Beijing, China said that with the globalization of the economy we are bound to find the channels to cooperate with each other.

"Rose-Hulman Ventures is similar to ours [incubator], which is a university-based incubator. We have the same goals, which is to make the local economy the place of development," he added.

Bonnie Herron, the executive director of Intelligent Systems Incubator in Norcross, Ga., and chairperson of the National Business Incubation Association said, "There are many models of business incubators. We are all here to discuss new models and new ideas. It is exciting to see where the industry is going."

Eifert added, "For Indiana and RHV to be successful in the implementation of the infrastructure for the 'Innovation Economy,' we must take every opportunity to share best practices with our colleagues around the state, the nation and the world. The meetings of the past few months have given us a good start on this process of continuous improvement." ■

UPDATE ON THE PRESIDENTIAL SEARCH



By Clyde Willian, Chairman of the
Rose-Hulman Institute of Technology
Board of Trustees

I will use this column of Chairman's Corner to provide an update on the presidential search process under way at Rose-Hulman Institute of Technology. I do so with mixed emotions as we are in the final year of Sam Hulbert's highly successful 28-year tenure as the leader of our great institution. The progress we have made during his time is unmatched in most quarters of higher education. His leadership has resulted in Rose-Hulman making major strides on several fronts, from curriculum development to capital improvements to increased national recognition. Sadly, for colleagues and friends at Rose-Hulman, he has announced plans to retire on June 30, 2004. Although he will be missed as both professional colleague and friend, he has left the college as an educational leader and in excellent shape for his successor.

I will sing President Hulbert's praises further at appropriate times throughout the year, but at this time I believe it is important to provide an update on the search for his successor. I am pleased to report the search is progressing on schedule and as of this fall we have every reason to believe the search will come to a successful conclusion in the early spring of 2004.

All constituencies are represented on the 17-member search committee, and all voices are being heard. We are assisted in the process by Academic Search, a consultant service based in Washington, D.C.

The search committee met on October 23 and selected 16 candidates from a larger pool whose background and experience seem especially consistent with the presidential qualities and qualifications established for the search. Reference checks were made on those candidates with the goal of selecting a smaller number of candidates who will be invited to confidential preliminary interviews with the search committee. On completion of that round of interviews, the committee will select candidates to be asked to participate in more extensive interviews with a broad range of Rose-Hulman's constituents.

We are very pleased with the quality and credentials of the candidate pool to this point in the process. Sam Hulbert has set the bar high, and we are seeking a person to build on the strong foundation he has set.

Rose-Hulman seeks a leader who will bring vision and continuity in building upon the Institute's well-established base of academic excellence, sound fiscal management, and positive community relations. This will require working closely with all Rose-Hulman constituencies to preserve our institutional mission while continuing to improve the quality of education.

I now want to list some of the attributes we have advertised nationally. In addition to a terminal degree, the successful candidate will have a passion for moving Rose-Hulman forward and demonstrated ability (in no priority order) to:

- Think strategically and creatively in working with the Rose-Hulman community to determine institutional priorities and move to the next level of institutional achievement;
- Position Rose-Hulman to continue to be a national leader in undergraduate higher education for the sciences, engineering, and mathematics;
- Preserve the collegial environment of Rose-Hulman, encouraging mutual trust and respect throughout the institution;
- Be an effective advocate for incorporat-

ing the humanities and social sciences as part of an undergraduate education in engineering, science, and mathematics;

- Bring a national stature and a strong professional track record of leadership and fiscal management to the position;
- Inspire others to support the Rose-Hulman mission through effective communication both within and outside the institution;
- Maintain close relationships with alumni;
- Bring a strong student orientation and a firm commitment to teaching and academic excellence;
- Identify and enlist new fund-raising sources regionally and nationally, including support for the endowment and financial aid;
- Provide statewide, regional, and national leadership in education, economic development and employer relations;
- Work to increase campus diversification of gender, race, and ethnicity.

That's a tall order for the next president, but Rose-Hulman deserves no less as we step ahead to continue the vision established by Chauncey Rose in 1874 and carried on by Sam Hulbert into the 21st century.

If you have any questions, please contact me via e-mail at cwillian@aol.com, or write me at Rose-Hulman Institute of Technology, 5500 Wabash Avenue, Terre Haute, Indiana 47803. ■

*A SALUTE TO
PRESIDENT SAMUEL
AND JOY HULBERT
IS SCHEDULED FOR
MAY 1, 2004*

ATHLETIC HALL OF FAME TEN MEMBERS FORM THE CLASS OF 2003

The 11th Annual Rose-Hulman Institute of Technology Athletic Hall of Fame induction ceremony occurred on September 13 at the Sports & Recreation Center.

The Hall of Fame's membership grows to 117 members with the induction of this year's class. Below is a capsule look at the inductees in Rose-Hulman's 2003 Hall of Fame Class:

Scott Beach (Basketball/1993) - A second-team Academic All-American and two-time all-Indiana Collegiate Athletic Conference selection, Beach ranks 10th on Rose-Hulman's career basketball scoring list with 1,304 points. The electrical engineering major buried 181 career three-point field goals to rank second on Rose-Hulman's list and twice earned academic all-conference recognition.

Joe Carter (Football, 1916) - One of the great turn-of-the-century tailbacks, Carter still has an impact on Rose-Hulman's football record book. The mechanical engineering major scored five touchdowns in two different games in his career and tallied 21 touchdowns and 140 total points. He scored 16 rushing touchdowns and returned two kickoffs and two punts for scores in his career.

Doug Childers (Football/Track/1993) - A two-time Indiana Collegiate Athletic Conference champion in the hammer throw, Childers provisionally qualified for the NCAA Division III Outdoor Nationals twice. The applied optics major also started for three years on the football offensive line and twice earned academic all-conference honors in both sports.

Pete Kasper (Baseball/Football/1993) - Kasper helped establish the Rose-Hulman baseball record book and also played a key role in lifting the Engineers to their first ever NCAA Division III Tournament appearance in 1993. The mechanical engineering major had 135 career hits, 83 runs batted in and 67 walks, and also



Class of 2003, front row, from left: Chris Wilson, Pete Kasper, Scott Beach and Scott Woods. Back row: Doug Childers, Chris Posey, Ed Wheeler, Denny Smith and Tony Moshak. Not pictured: Joe Carter.

played for four years on the gridiron as a wide receiver.

Tony Moshak (Football/Wrestling/1985) - Moshak earned three all-conference honors for his work at center on the Rose-Hulman offensive line from 1982-84. The chemical engineering major also ranks eighth in school history in wrestling wins (51) and winning percentage (.600), and was the team's Most Valuable Wrestler in 1984.

Chris Posey (Golf/1993) - The second Rose-Hulman golfer to qualify for the NCAA Division III National Championships, Posey earned an Indiana Collegiate Athletic Conference title in 1993. The chemical engineering major was a three-time all-conference honoree and a four-time team Most Valuable Player.

Denny Smith (Football/1971) - A three-time all-conference offensive lineman, Smith earned a tryout with the Oakland Raiders after graduation. The mechanical engineering major was an all-NAIA national team selection and was twice chosen the team's Most Valuable Offensive Player. He received the Distinguished Young Alumni Award from Rose-Hulman in 1988.

Ed Wheeler (Football/1982) - Currently a professor of electrical engineering at Rose-Hulman, Wheeler ranks fourth on Rose-Hulman's career tackles list with 346. The linebacker had 116 tackles in 1979 and recorded six interceptions and four fumble recoveries in a standout career.

Scott Woods (Basketball/1993) - Woods shared the backcourt with fellow inductee Scott Beach in earning two all-conference honors. The mechanical engineering ranks seventh on the career assist list (304) and sixth in three-point field goals (121). He currently serves as assistant men's basketball coach at Manchester College.

Chris Wilson (Track/Cross Country/1993) - A four time team Most Valuable Runner, Wilson holds the best Rose-Hulman time ever recorded at the Hulman Links Cross Country Course (25:49). The electrical engineering major was a three-time all-conference honoree, placed third and eighth in a pair of Little State meets, and ran the second fastest time in school history on any course at 25:47.

For the latest sports updates
visit our Web site at:
www.rose-hulman.edu/sports

Bailey Challenge

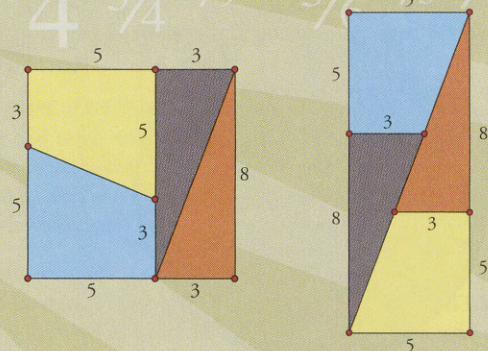
By Professor Emeritus Herb Bailey

The analogy Mother's Day / Father's Day = Christmas / X was not a good problem. My answer is 'any unimportant holiday' for example Groundhog Day. A good problem is one that most can solve in N minutes, where $10 < N < 30$. Some of you solved the armored column problem in less than five minutes and that's O.K., unless you complained. All complainers are required to solve the bonus problem below, and others are of course welcome to try it.

Problem 1.

Find the fallacy in the following 'proof'.

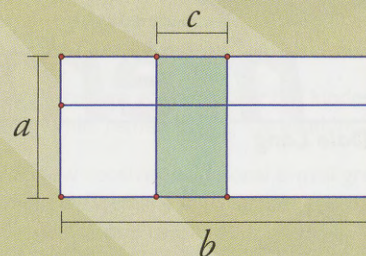
$$64 \stackrel{?}{=} 65$$



Problem 2.

A large rectangle is divided into a number of smaller rectangles.

The only lengths that are given are a , b and c as shown. Find the sum of the perimeters of all the rectangles as a function of a , b and c . **Hints:** For example the green rectangle has perimeter $2a + 2c$. If $a = 4$, $b = 9$, and $c = 2$, then the sum of the perimeters is 270.



Bonus

There is a 'cute' website, <http://digicc.com/fido/>, that can see numbers in your mind. The bonus problem is to use your skills with natural numbers to explain this supernatural phenomenon. I am assuming that the site is still up when you read this. Click on the boy waving his hand to get the next screen. Explain how it works and why it works..

Send your solutions to Herb.Bailey@rose-hulman.edu or to Herb Bailey, Math. Dept., Rose-Hulman, 5500 Wabash Ave., Terre Haute IN 47803.

Solvers of the summer problem are listed. Late solvers of the previous issue and those whose solutions that I misfiled are marked with an *.

Alumni: A. Kelsell, 1940; W. Barrick, 1941; D. Heath, 1943; H. Payne, 1947; J. Hurt, 1948; P. Gottfried, 1949; C. Cook, 1949; * A. Junker, 1950; A. Junker, 1950; * B. Powell, 1951; J. Lambermont, 1951; B. Rinker, 1951; D. Camp, 1955; C. Cooper, 1956; J. Moser, 1956; A. Sutton, 1956; C. Corbin, 1957; H. Brown, 1957; J. Kleptz, 1959; G. Eck, 1959; D. Bailey, 1959; J. Tindall, 1961; D. Todd, 1962; J. Snyder, 1962; G. Carroll, 1965; B. Lanke, 1966; A. McLaughlin, 1967; J. Lafuze, 1967; S. Jordan, 1970; J. Born, 1970; W. Pelz, 1971; A. Mahler, 1971; B. Klimaszewski, 1973; J. Houck, 1973; R. Collins, 1973; P. Chilson, 1974; M. Bailey, 1976; J. Slupesky, 1977; J. Trueblood, 1977; J. Koechling, 1980; K. Walter, 1983; R. Priem, 1983; K. Perdue, 1984; J. Reynolds, 1986; M. Walden, 1986; J. Rumberg, 1987; * S. Johnson, 1988; S. Johnson, 1988; T. Doerr, 1988; * C. Abdnour, 1989; C. Abdnour, 1989; J. Jachim, 1989; G. Heimann, 1990; B. Burger, 1991; J. Harris, 1991; D. Hector, 1992; H. Fancher, 1992; T. Schy, 1992; Z. Xu, 1994; B. Hollis, 1994; K. Neilson, 1994; J. Rott, 1995; E. Snider, 1996; R. Mohr, 1996; C. Tracy, 1997; M. Pilcher, 1998; C. Ewert, 1999; B. Creel, 2000; D. Harrington, 2002; D. Metzler, 2002; J. Brotz, 2002; A. Stevens, 2004; S. Grove, 2006; B. Walker, 2006; and B. Witten, 2007

Friends: T. Cutaia, N. Flatter, W. Orr, C. Drake, D. Templeton, K. Douglass, J. Kappler, C. Dugas, C. Krepps, * B. Talbot, P. Upadhyay, G. Elmer(sons), and H. Rosene.

"I'm treated better here than at home, but don't tell my mom!"

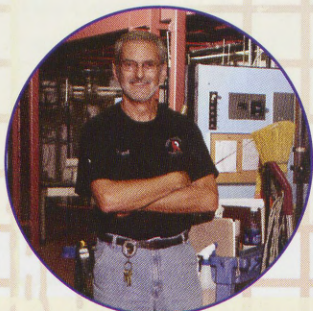
David Hamenstafer



L to R Front, Veatrice Dowers, Barbara Kingery, Sue Pflueger, Cindy Boswell, Sue Garry, Angie Bogard, Peggy Allen, Nancy Neidlinger, Towanda Graham
L to R Rear, Randy Stakeman, Cyndi Abrams, Shirley Laughrey, Wendy Newport, Brenda Harmon, Pat Fields, Sue McGranahan, Diane Haughee, Paul Wafzig, Neil Davis, Dave Hamenstafer, Charles Walls

members of the family

by Dale Long



Richard Mott



Pat Fields

Mints on the pillows may be the only thing missing from the tender loving care that housekeepers and custodians heap upon Rose-Hulman Institute of Technology students, faculty and staff in the college's residence halls and academic buildings.

After all, where else are the bed sheets changed and neatly folded weekly in each residence hall room? How about the laminated newspaper clippings that are kept of student accomplishments? Or, how about all the caring smiles, the hugs and best wishes that answer life's troubles?

"The students are pampered here because they deserve it," concedes substitute housekeeper Rosemary Reberger. "The students work so hard and they're under so much pressure. I want to help, in any small way, to make their time here as relaxing and carefree as possible." She isn't alone.

Custodian Neil Davis states, "You love the students like your own sons, daughters and best friends. It's easy to get attached to them."

Shirley Laughrey, a housekeeper, affectionately referred to the students living in Skinner residence hall as "My Boys." She now works in the Hulman Union, where she estimates getting "four or five hugs a day" from students.

"They're all my buddies," adds Jerry Dupin, a member of the residence hall maintenance staff for 27 years. "Within a few days of the start of school, I can identify some of the freshmen by name, and they know me by my first name. It's more than a friendship. There's respect."

Richard Mott, custodian for Olin Hall, concedes that the "best part of my job is getting to know the students . . . and the worst part of my job is when they graduate. I miss them."

During commencement, several of the housekeepers and custodians stand near Baur-Sames-Bogart residence hall to salute the seniors as they take their ceremonial final stroll through campus. It's their way of saying "Goodbye."

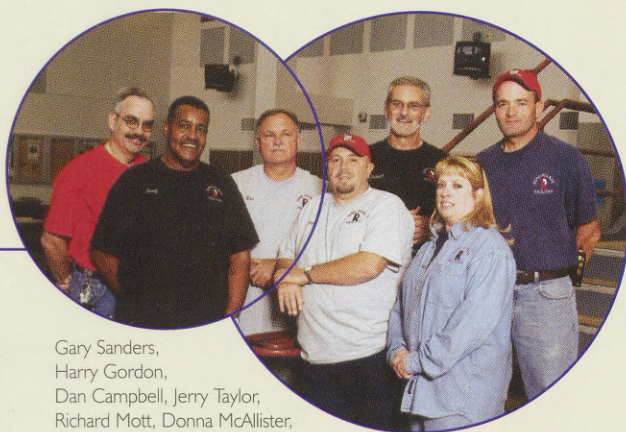
"It's a sad day," states Pat Fields, a housekeeper for 22 years who received the President's Outstanding Service Award in 1996. "You hope that you have helped make Rose-Hulman feel like 'home' during their time on campus."

The effort hasn't gone unnoticed. Rose-Hulman students gave the college the nation's top mark for the friendliness of residence hall staff and cleanliness of residence halls in the 2003 residence hall life survey of 218 U.S. colleges, conducted by the Association of College and University Housing Officers. Rose-Hulman received a 6.60 rating (out of 7.0) on the attitude of the housekeeping staff.

When answering another survey, a student wrote: "I have a feeling that if I left water, flour and sugar on my dresser, there would be a cake in my room when I got back from class."

Another student proudly stated, "I'm treated better here than at home, but don't tell my mom!"

Last year, residents of Deming Hall showed their affection for custodian David Hamenstafer by drawing a caricature of a caribou on the wall outside the office of the avid hunter. It was a surprise gift for a staff member who is affectionately known as "Deming Dave" by students, faculty and staff.



Gary Sanders,
Harry Gordon,
Dan Campbell, Jerry Taylor,
Richard Mott, Donna McAllister,
Mark Strain

The duties of housekeepers and custodians go well beyond changing linen, cleaning bathrooms, sweeping carpets or disposing trash cans, according to supervisors Pete Gustafson, vice president of student affairs, and Elaine Lee-Price, manager of academic custodial services. Taking care of students and their physical and mental wellbeing is the first priority.

"Being there to talk to the students and showing that they care is far more important than keeping the restrooms spic-and-span," Gustafson says. "Dr. Hulbert refers to the college as a 'warm and fuzzy place.' That's partially due to our great residence hall and custodial staffs."

Lee-Price points out that one of custodian Mary Ann Wood's assets is finding a quiet place for a student to study before taking a test. She is also known as "The Candy Lady" for delivering special treats to students.

Mott, custodian for Olin Hall, takes time to laminate newspaper clippings about student achievements and sports reports, items that become special mementos for the students and their parents. Clippings covered one entire wall in an apartment rented by former Rose-Hulman basketball player Ryan Harris.

"I enjoy doing it," says Mott, a 22-year employee. "The students don't know how special they really are and how precious this time is in their lives. The four years seem to go by so quickly . . . I also know that the students' parents would appreciate seeing the clippings."

Two years ago, custodian Frances Gordon went out of her way to give a visiting high school senior 50 cents to purchase a soft drink during Rose-Hulman's Operation Catapult summer program.

"The boy didn't have the money at the time, and I did. It was the right thing to do," recalls Frances, a 16-year Rose-Hulman employee.

This fall, the teenager, now a freshman on campus, repaid the debt, along with a hearty "Thank You." The prospective student, and his parents, remembered the show of generosity when deciding to attend the college.

Staff members are invited to department Christmas parties, weddings and other special events. Then, there are all of the gift certificates, fruit baskets, Christmas cards and other gifts that are presented to staff members by students and academic departments each holiday season.

Other gestures don't have a price tag. Towanda Graham, housekeeper in Deming Hall, recalls the time a student pulled his bed away from the wall and moved his mattress so that it was easily accessible for changing the sheets and making the bed. Nearby was a note: "You're My Favorite Person."

"The students appreciate you for doing the kindest of things," said Graham, smiling while remembering the incident.

Custodian Jim Snow receives occasional e-mail greetings from an exchange student in Germany who he met while working late nights on campus. Several alumni take time to introduce housekeepers and custodians to family members during homecoming.

"It's like we're a member of the family," says custodian Harry Gordon, an 18-year Rose-Hulman employee. "It's something that we appreciate and don't take for granted. It's nice knowing that we're part of what makes Rose-Hulman such a special place."



Maryann Wood, Frances Gordon, Brian Tovey, Julie Bowles, Rosemary Anderson,
Isaiah Dooley, Julia Snow, Jim Snow, Tony Blackburn

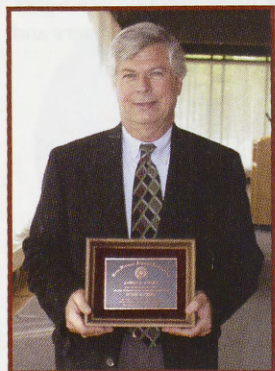
"I have a feeling that if I left water, flour and sugar on my dresser, there would be a cake in my room when I got back from class."

Four graduates who have helped Rose-Hulman Institute of Technology in its student recruitment, career services, alumni programs and national attention for their alma mater received the 2003 Honor Alumni Award during the Homecoming Alumni Awards Brunch in the Hulman Union.

Receiving the award from Alumni Association President Owen Meharg were James Coles, Ernest Davidson, William Lindstaedt and Greg Smith.

The Honor Alumni Award is presented by the Rose-Hulman Alumni Association to graduates whose professional achievements or service to the alumni association have contributed to the continued development of the college.

Honor Alumni *demonstrates commitment to*



James Coles

Coles is a noted patent, trademark and copyright attorney who has served as a classroom lecturer at Rose-Hulman and adviser to faculty and student project teams. He also assists students in their career planning. A native of Columbus, Ind., Coles earned a bachelor's degree in electrical

engineering from Rose-Hulman in 1969. He also is a graduate of the St. Louis University School of Law. Coles is a partner with the Indianapolis-based law firm of Bose, McKinney & Evans. He chairs the firm's Intellectual Property Group.

2004 NOMINEES SOUGHT —

The Alumni Association Advisory Board seeks nominees for next year's Honor Alumnus Award. Send nominating information to either Brian Dyer, director of alumni affairs and special events (d.b.dyer@Rose-Hulman.Edu) or Bill Nicewanger ('63), chair of the awards and recognition committee, Rose-Hulman Alumni Association Advisory Board (bill_nicewanger@inter-tel.com).



Ernest Davidson

Davidson has brought national recognition to his alma mater through his groundbreaking research in the area of quantum chemistry which led to him being awarded the National Medal of Science from President George W. Bush in 2002. Davidson has served on the Rose-Hulman Department of Chemistry Advisory Board. In 1998, Davidson received an honorary doctor of engineering degree from Rose-Hulman for his contributions to chemical education and research. He has

had an illustrious career in higher education, serving as a distinguished professor of chemistry at Indiana University, and as a faculty member at the universities of Washington and North Carolina. Davidson received the Heminway Medal as the top student in his class when he received a B.S. degree in chemical engineering from Rose-Hulman in 1958. He earned the Ph.D. in chemistry from Indiana University.

class of 2003

at to alma mater



Bill Lindstaedt

Lindstaedt, director of the Career Center at the University of California at San Francisco, has been a successful class reunion chair and admissions volunteer for Rose-Hulman. He was a counselor to Rose-Hulman students during his five years as Director of Career Services at his alma mater. In that role, he also enhanced Rose-Hulman's national reputa-

tion by increasing involvement between the college and business and industry. He earned a bachelor of science degree in chemical engineering from Rose-Hulman in 1986. He earned a master's in college administration and counseling psychology from Indiana University.



Greg Smith

Smith has been a corporate ambassador for Rose-Hulman during his tenure in several executive management positions with Ford Motor Co. He oversees all worldwide operations of Ford Credit, which is the world's largest automotive finance company. He is responsible for all regional sales offices, dealer support operations, product development marketing and insurance. Smith is also responsible for

the worldwide operations of Hertz, the world's largest car rental company that employees about 20,000 people. Smith earned a bachelor of science degree in mechanical engineering from Rose-Hulman in 1973. He also received an MBA from Eastern Michigan University.

ROSE-HULMAN Homecoming 2003



Rosie's KidZone was a hit with the younger set this year as shown by these youngsters taking advantage of face painting.



Kenny McCleary ('83) and Jeff Trang ('83) visit at the class agent prior to the football game.



A capacity homecoming crowd watched the Engineers battle nationally ranked Trinity University.



An enthusiastic group of students and coaches fired up the pep rally in Hulbert Arena.



Over 200 alums took part in the homecoming golf tourney, including this group of '71 grads: Rich McCammon, Sherley Sample, Tom Merrill and Jeff Witten.



Homecoming definitely is a family affair as demonstrated by the ring toss game at Rosie's KidZone.



Homecoming queen Jenni Matheny is congratulated by her father, Tim, a 1981 Rose-Hulman graduate.



Department Open Houses enabled alumni to visit with faculty and staff to see the latest academic developments taking place on campus.



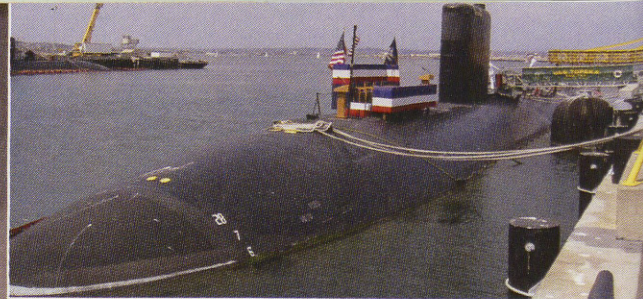
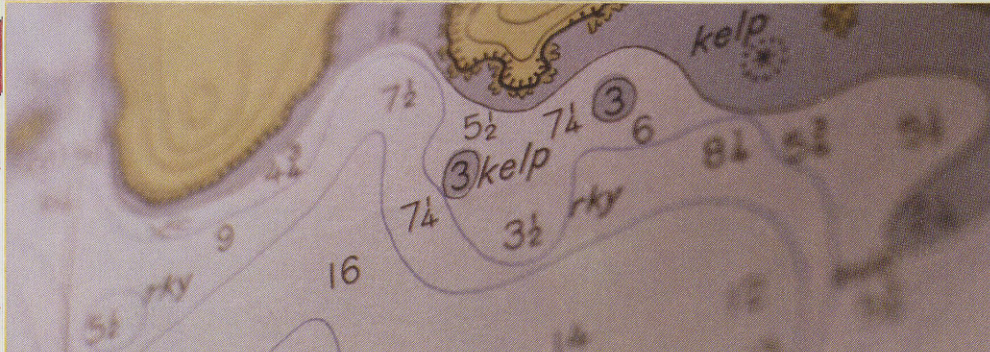
Alumnae Jamie Funk ('00) and Becky Smith ('99) pose with a life-sized photo of President Hulbert during the Young Alumni Party at the Tap Room.



A popular stop this year was the new Alumni Center in Hatfield Hall where alumni could step back in time viewing memorabilia on display in the center.



Of course, no Rose-Hulman Homecoming is complete without the traditional bonfire.



CORRELL *in* COMMAND

By Bryan Taylor

Alumnus leads crew of nuclear attack submarine

A first-time submarine trip beneath the seas conjures up images of mystery mixed with excitement and fear. For Rich Correll, his initial plunge into the dark depths of the ocean was more of an engineering field trip. "I was amazed that it was such a technological marvel with all of the sophisticated equipment that enabled the ship to submerge and operate for extended periods of time (months) without logistical support."

Today, the 1986 Rose-Hulman chemical engineering graduate commands one of those technological marvels as the commanding officer of the U.S. Navy's USS Topeka (hull number SSN 754), a Los Angeles class nuclear attack submarine, complete with Tomahawk Cruise Missiles and Mark-48 Advanced Capability (ADCAP) Torpedoes.

The Topeka measures 360 feet long and 40 feet at its widest diameter. The submarine carries a crew of 130, weighs about 6,000 tons on the surface, approximately 8,000 tons submerged, and it incorporates some of the latest in submarine warfare technology. It can travel at more than 20 knots, and dive below 800 feet.

The 39-year-old Correll has become one of a few who has risen to the rank of commander of a nuclear submarine. When he started as a submarine officer, 600 other junior officers started with him, and now there are only 30 left who have achieved the rank of commanding officer out of that group. He received his command this past summer in a formal ceremony in San Diego, Calif., home port for the Topeka.

"Commanding officer means I'm responsible for operation of the ship and its personnel," Correll explained. "I'm the final voice on how the ship operates. It's similar to operating an industrial plant, but this particular plant goes to sea."

While Correll can quote technical specifications about the ship from bow to stern, the biggest challenge he faces is "keeping 130 people motivated and focused on being mission ready at all times."

Working with his crew is one of the biggest rewards Correll receives as commanding officer. "The people I work with are just fantastic. The nuclear power program recruits from the best universities. The sailors are smart, capable, and motivated." Another reward for Correll is "serving our country."

When the submarine is deployed at sea, Correll is always on the job. Even during his sleeping hours, he gets a watch report every six hours. Typically, his day at sea begins at 5 a.m. He will usually go to bed at midnight, rising again at 5 a.m.

When the crew is out to sea, "we're always running drills dealing with 'what if' scenarios such as fires or combat readiness," Correll explained.

Much of what the USS Topeka does and where it goes cannot be shared because of security reasons, but it can operate in a larger naval battle group, protecting aircraft carriers. The submarine can also launch Tomahawk Cruise Missiles, serve reconnaissance functions and work with Navy SEAL units, delivering them to a beach for an assignment.

Based in San Diego, Topeka deploys to the Western Pacific, and makes port visits in places such as Australia, Japan and Thailand.

Correll has always aspired to command at sea. His trip to the Topeka started upon his graduation in 1986 when he entered the Navy's nuclear propulsion officer candidate program, a six-year obligation. That early training included theoretical study of nuclear power and working six months in Idaho Falls with a land-based nuclear reactor. From there, he traveled to Groton, Conn., for three months of submarine school.

After completing submarine school in Groton, Correll commenced his first tour as a junior officer, stationed aboard the Trident Submarine USS Henry M. Jackson, a submarine capable of carrying ballistic missiles. After four years aboard Henry M. Jackson, he was assigned to shore duty in Washington, D.C., where he worked at Headquarters, Strategic Systems Command, doing certification of weapons systems on the Trident Submarines.



Correll, right, receives his command during a special ceremony.

In January of 1994, he attended the submarine officer advanced course in Groton, Conn. Following completion of this course, he

reported as the Operations Officer and Navigator of USS Rickover located in Norfolk, Va. It was during this three-year department head tour that he solidified his goal to command at sea.

Following his tour on the Rickover, he was selected for a political master's program at the Fletcher School of Law and Diplomacy in Boston, Mass., where he received a master of arts in international relations.

Next stop was the USS Buffalo where he served as executive officer for two years until July, 2000. Following completion of his tour on the Buffalo, Correll served two years at Navy Personnel Command's Officer Distribution Division until August of 2002 in Millington, Tenn. At that time, he entered the commanding officer pipeline en route to his current assignment.

Correll's career has taken him to several different countries, including Italy, France, Norway, Thailand, Australia, South Korea, Japan and Greece. He has been awarded the Meritorious Service Medal twice, and he has received various other individual, campaign and unit awards for his service.

One of the tools that Correll uses in one of the most responsible positions in the U.S. military is his Rose-Hulman education.

"The most transferable aspect was the whole approach to solving problems," Correll said. "You're constantly faced with them, especially when you're at sea for a prolonged period of time. Even personnel issues have a lot of applicability similar to engineering problems. Of course, having a technical education was helpful in my nuclear training."

On the family side of life, Correll notes being a submarine commander can be quite a challenge and necessitates certain sacrifices, but his family has thrived in the environment. He cites the support he received from his wife Samantha and their three children — Mikayla, Ryan and Sydney. ■

"The people I work with are just fantastic. The nuclear power program recruits from the best universities, and sailors and enlisted personnel are really smart and capable."

~ RICH CORRELL ~



FROM POWER PLANTS TO POWER POLITICS BY

During his nine years in Congress, John Hostettler has tangled with the Speaker of the House and become embroiled in the latest immigration issues, but he cannot escape his past—he still looks like an engineer. At least that's the assessment of a newspaper editorial in his district that described him during a recent speech as appearing "to be the tough, buttoned-down engineer."

That description serves the 1983 mechanical engineering graduate well in his work representing Indiana's eighth congressional district, which includes Rose-Hulman and runs along the southwest edge of Indiana. Currently in the middle of his fifth term, Hostettler, a Republican, is one of only two licensed professional engineers sitting in the U.S. House of Representatives. The other is Rep. Joe Barton, a Republican representing Texas' sixth district.

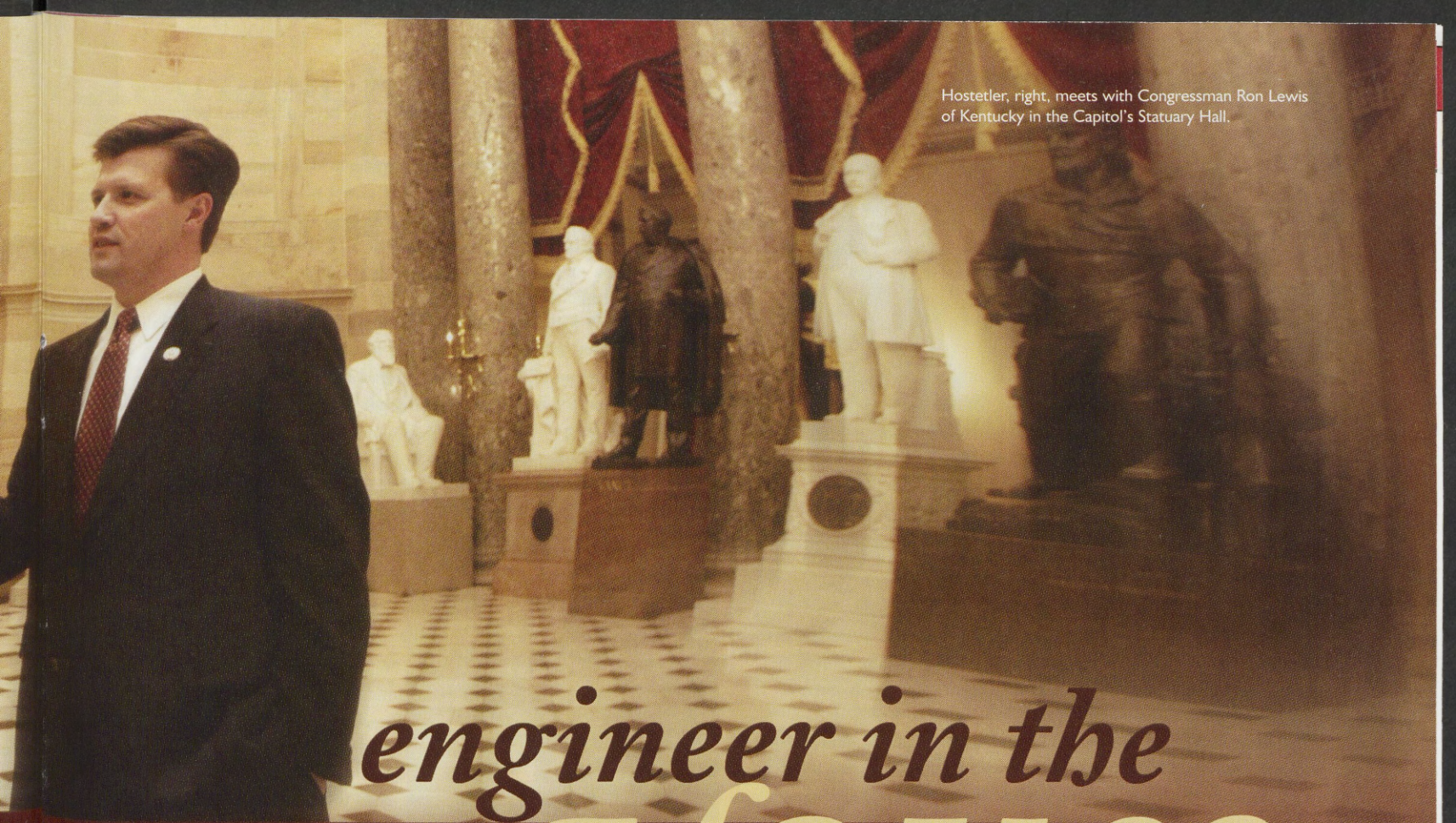
While he is in a definite career minority in Congress, Hostettler believes his engineering background gives him an advantage as a U.S. Representative. "In engineering, you're taught to be analytical and you're always taught there is a right answer," Hostettler said. "In politics and government, people are more concerned with a popular answer, not necessarily the right answer. Through proper analysis of an issue, you can know all of the facts and come to grips with the future ramifications of your decisions."

"People automatically assume I'm an attorney because I'm in Congress," said Hostettler, a 1999 Rose-Hulman honorary degree recipient. "In politics, when people find out I'm an engineer, it removes a lot of questions they may have. Even if they fundamentally disagree with me, they give me the benefit of the doubt because they perceive I come to my decision from an engineering point-of-view as opposed to a partisan point-of-view."

In addition to helping him philosophically as a legislator, Hostettler's background is a plus when technical matters come before the floor of the House. He has found it useful in consideration of missile defense systems and deregulation of our telecommunications system. He helps translate some of the tech talk for his colleagues into language that is a little more palatable to the layman.

WHEN UNIVERSES COLLIDE

If being an engineer is such a plus, one might think there would be more technical types in our federal legislature, but Hostettler believes the engineering traits that work for him in Congress keep others from becoming involved. "Engineers look at life very much in terms of black and white and probably feel intimidated by the lack of clarity in the political process. It doesn't intimidate them in an intellectual capacity, but it's something where they might see their time wasted."



Hostettler, right, meets with Congressman Ron Lewis of Kentucky in the Capitol's Statuary Hall.

engineer in the **HOUSE**

BY BRYAN TAYLOR

"The political universe is very different from the physical universe. The physical universe operates by set laws that govern the universe. As engineers, we tend to like that very predictable, understandable universe. Politics is just the opposite. It can be perceived as volatile, nonsensical and unpredictable; so engineers don't see a need to become involved."

Controversy has spun out of the political universe for Hostettler. One case in point occurred during his first term when he clashed with then-speaker of the house Newt Gingrich. It was a political dust-up that brought some national attention to Hostettler.

At that time, President Clinton had vetoed an appropriations bill that had cleared both the House and the Senate. The president's veto left several federal agencies with no funds to operate. As a result, they closed down. After the veto, a new budget more to the president's liking was passed in the Senate and the process fell to the House to adopt a budget. Speaker Gingrich asked for support of all representatives to get the budget passed. Hostettler balked (along with 10 other representatives) and said no because the bill meant increased spending and "that is not why I went to Congress."

Hostettler's brush-off of Gingrich cost the Indiana congressman fund-raising help from the speaker. "Prior to the budget vote, I had a fundraiser scheduled with an appearance from the speaker," Hostettler said. "After I voted no, his office contacted us and said

he would not be attending that fund-raiser. He also cancelled similar visits with the other congressmen who did not follow his lead. It was understandable in terms of political machinations, and that happens and it's okay."

The disagreement became national news and Gingrich began rescheduling the fundraisers. Again, Hostettler said no. "We did not reschedule the fundraiser with the speaker for the simple reason I did not want the perception that I had capitulated."

That was not the last time Hostettler disagreed with the speaker. Later in his career, he voted against Gingrich as speaker of the House because of allegations about the interrelationships of Gingrich's campaign resources and outside organizations. "I thought Newt Gingrich was doing a great job, but he needed to step down until the allegations were cleared up." Hostettler even had a 40-minute meeting with the speaker sharing his opinion.

Speaking up against party leadership did not end at Capitol Hill for Hostettler. He also did not support use of force against Iraq under the leadership of President George W. Bush.

MEETINGS, MORE MEETINGS AND THEN SOME

Controversial issues are part of the job, but not every day is a national newsmaker for the native of Southwestern Indiana's



Hostettler confers with Erin Jane Berry, legislative assistant, in his office in the Longworth Building.

Posely County. His typical day begins with caucus and committee meetings in the morning. Running parallel to those gatherings is constant activity on the House floor where he may be called for a vote or where a bill he has a vested interest in is under debate. Conferences and caucuses close down around 5 p.m., but the job continues into the evening with paperwork and continued activity on the House floor. Member offices have closed-circuit televisions that broadcast proceedings on the House floor. Work on some evenings can run to 10 or 11 p.m.

Hostettler serves on the Armed Services Committee and the Judiciary Committee. The Armed Services Committee has a special place in Hostettler's heart as the 4,000-employee Crane Naval Surface Warfare resides in his district. He also enjoys service on that committee because, he said, most Congressional powers emanating from the Constitution deal with national security. "The Constitution is the blueprint, the schematic, for government," Hostettler said. "If that spec says the federal government should be mostly involved in issues regarding national defense, then that's where the action should be and that's where I want to be."

Legislative work for Hostettler also includes the Judiciary Committee that deals with several controversial issues. Hostettler cited issues such as right to life, the second amendment and religious liberties.

Of special interest to Hostettler is immigration, which he calls a "big issue." He serves as chairman of the Judiciary Committee's Subcommittee for Immigration, Border Security and Claims. The topic capturing his subcommittee's attention at the moment is the issuing of identification cards by foreign consulates to aliens. The cards allow

their recipients, in some cases, to open bank accounts or to get a driver's license. "The only people who really need to use consular cards are illegal aliens," Hostettler said. "If you are here legally as an alien, you have a visa or a passport. These cards can and have facilitated various crimes."

The best part of the job is "being able to interact with people as part of the legislative process," Hostettler said. "This job is not done in a vacuum and the positive aspect is coming back into the district and talking about the legislative process and the important issues so people can educate me and I can educate them."

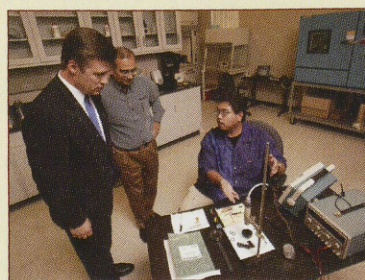
Education is a part of Hostettler's conversations as he is a student of the Constitution. During a discussion of his legislative duties, he quotes various portions of the Constitution to back up his arguments, and he also uses the Federalist Papers as source.

ON-THE-JOB POLITICAL EDUCATION

Most of Hostettler's political education has been of the on-the-job variety. In January of 1994, he announced he would run for the Indiana Eighth Congressional seat held by the late Frank McCloskey, a six-term incumbent. At that time, Hostettler was a power plant performance engineer with Southern Indiana Gas & Electric Co. at its Warrick (Indiana) Power Plant. He had no political experience and no name recognition, but he won in a six-person Republican primary, and then went on to defeat the incumbent.

"I'm not sure I initially believed that I could win and was more qualified for the office," Hostettler recalled. "I just believed things were not going the right way in our country and I had solutions. As long as someone would listen to what I had to say, I'd talk to whoever and how many ever wanted to listen."

"In early 1993, some decisions were being made in Congress that were totally antithetical to the belief system that I was raised to understand and was inculcated in me by my parents," Hostettler said. "I needed to become more involved in the political process than ever before; so that's why I decided to run for Congress."



During a visit to Rose-Hulman Ventures, Hostettler visits with Brij Khorana, Ventures' Executive Vice President and Chief Operating Officer, and Jonathan Labayo, Project Engineer, Rose-Hulman Ventures.

Issues affecting the country at that time that drew Hostettler into politics included:

- The largest tax increase in history in 1993 "taking more resources out of the private sector of the economy."
- The issue of open homosexuality in the military "which in my opinion is a terrible cultural policy issue and affects morale in the military."
- Fetal tissue research, "where fetuses were being destroyed to

harvest the tissue for potential medical benefit which raised the issue if it takes another life to be destroyed to save another life, is that really good public policy? I don't think so."

Some observers have noted that you may not agree with Hostettler on every issue, but you do know where he stands. He is a self-proclaimed conservative who says the most "important thing in my life is my relationship with Jesus Christ and that means that I do my best to emulate his life so that it has a part in changing other lives. The most important issue is my family."

Hostettler and his wife, Beth, have four children: Matthew, Amanda, Jaclyn and Jared. The intersection of Congressional work and family provides the only real pressure in Hostettler's life. "Policy decisions are not that great a pressure for me, but time constraints are probably the greatest pressure I have. There are decisions that must be made as to what football game I might not be able to make or what volleyball game I must go to and therefore a constituent request for a meeting has to be turned down. Or vice versa."

"The biggest pain in the neck part of the job for me is that the job is in Washington, D.C., and I have to leave my family almost every week. My family stays back home in Posey County."

Hostettler hopes the commute will continue, however, as he plans to run for another term in 2004. Democrats already are grooming a candidate to work at capturing the seat back for their party.

Meanwhile, Hostettler will carry the engineering banner into the halls of Congress espousing the philosophy: "engineers should come into politics applying the same principles that they learned in their engineering education and that is there is a right answer and that right answer is achievable, you can reach that answer and it's not impossible." And don't forget to follow that schematic called the Constitution. ■



Congressman Hostettler chairs meeting of the House Armed Services Committee Hearing on U.S. National Security Strategy.

A MESSAGE FROM YOUR ALUMNI ASSOCIATION

After being involved as an officer in the Alumni Association for two years, I am excited about serving you as president for 2003-04. Thanks again to Owen Meharg '54, who has now "moved on" to past president, and congratulations to Denis Radecki '72, who you elected as secretary of the association this year. We have a dedicated group of more than 15 people on our Board of Advisors who are working hard to fulfill the objectives of the Rose-Hulman Alumni Association.

What are those objectives? Our constitution states that "The Rose-Hulman Alumni Association has been formed for the purpose of serving, engaging, educating, and providing support for all graduates of Rose-Hulman Institute of Technology. The association should strive to foster good fellowship among alumni and to provide a liaison between the college and its alumni." The Board is in the process of identifying our goals and objectives for 2003-04. Some of the items on our list include:

- Continue our special emphasis on the Graduates Of the Last Decade (GOLD). Almost one third of our living alumni have graduated in the last ten years!
- Provide an alumni mentor to each Rose-Hulman student who signs up for this program.
- Increase involvement in alumni clubs by coordinating student recruitment and career services support with the local clubs, and by sponsoring charitable events.
- Organize the alumni involvement in the retirement activities for Dr. Hulbert, and establish a significant and lasting tribute to his accomplishments at Rose-Hulman.



Of Presidential Note

New Alumni Association President Doug Stearley (left) and past president Owen Meharg.

During Homecoming, the Alumni Association made a special presentation to Dr. Hulbert making him an honorary alumnus of Rose-Hulman Institute of Technology. More than 70 percent of our living alumni have received their diploma from Sam, and he, along with the other deserving recipients of this status, represents the very special people who make our school so unique. It is something of which we all should be very proud.

Your feedback on what we are trying to accomplish is always appreciated. Please let us know if you would like to join us in any of the upcoming events or activities. This is going to be a great year; maybe the best ever!

Doug Stearley, President

Rose-Hulman Alumni Association

dougstearley@alumni.rose-hulman.edu

AND THE SURVEY SAYS..... ECHOES READERS PROVIDE FEEDBACK CONCERNING MAGAZINE

Once again, the staff of Echoes asked its readers for input regarding the publication. Overall, the data indicated our readers have a very high interest in the magazine, and the new look of the magazine has been well received. The study was conducted for Echoes by the Rose-Hulman Office of Institutional Research, Planning and Assessment.

Areas of top readership interest remain very similar to what they have been in past surveys. The top ten topics of interest to our readers are:

- Class notes
- History of Rose-Hulman
- Feature articles about alumni
- President Hulbert's column
- Career trends for engineers and scientists
- Academic accomplishments of students
- Placement news
- The Looking Back history column
- Rose-Hulman Ventures
- Homecoming

The IRPA report stated "In summary, it seemed that the new look of the magazine has been well received by those who receive Echoes and they enjoy the broad coverage that keeps them abreast of the great things that are happening at Rose-Hulman Institute of Technology."

Overall, the data show that 79 percent of the respondents read every issue, and the same number of readers find it to be either very valuable or valuable as an information source. A total of 71 percent of the respondents read most or about half of each issue, and 83 percent find it to be very interesting or interesting.

Echoes switched from a tabloid format to magazine two years ago, and the change has been well-received, according to survey data. In a category labeled "overall design appearance," 88 percent of the respondents rated it as excellent or good, and 82 percent rated the photography as excellent or good with 81 percent rating the writing at the same level.

1952

Clyde Willian (Ch.E.) fired a no-hitter last summer when he threw out the first pitch at Wrigley Field July 4 when the Chicago Cubs hosted the St. Louis Cardinals. The event marked the 50th anniversary of his marriage to his wife, Patti. Echoes understands there is no truth to the rumor that Cubs' manager Dusty Baker reshuffled his bullpen to make room for the "Rose-Hulman Rocket." In other news, Willian, chairman of the Rose-Hulman Board of Trustees, has been elected vice chairman and chairman-elect of the Hadley School for the Blind in Winnetka, Ill.

1961

Tom Bedwell (M.E.) is wrapping up a consultancy following retirement from Federal-Mogul in 2001. He has had four patents issued in the past two years.

Larry Cunningham (C.E.) retired last year after working 40 years for various companies in the HVAC industry. He and his wife have moved to Florida.

Donald Niedringhaus (Ch.E.) has retired from Dow Chemical and resides in Ferrington Village, N.C.

Larry Pitt (Ch.E.) has become president/CEO of the Nantahala Outdoor Center headquartered near Bryson City, N.C. The company is the largest, most respected whitewater rafting and paddle sports company

in the United States. Larry continues his pursuit of running marathons (now at a total 106).

1963

Gary Reynolds (Ch.E.) retired this summer from Firestone Industrial Products after 40 years of service. He lives in Cicero, Ind.

1964

George I. Wagner (E.E.) lives in Sarasota, Fla., where he is officially retired from Merrill Lynch. However, he does have a busy consulting business, and stays active with his lifelong hobby of ham radio.

1967

Nyle Riegle (E.E.) retired from the federal government this year, after 36 years of service, as the director of microwave systems engineering, Naval Surface Warfare Center Crane. In addition, he also was chairman of the NATO group on Electronics Standardization. He has accepted a position with CSC, Computer Sciences Corp. as senior director of business development, federal sector – civil group.

1968

Stephen G. Carroll (E.E.) recently changed positions within SCANA Corp., transferring from Nuclear Operations to the position of senior electrical engineering, fossil/hydro technical services. He and his wife, Linda, continue to live in Columbia, S.C.

**Honorary Alumni**

Receiving honorary alumni status during Homecoming this year were, from left: Caroline Carvill, professor of American literature, and Pete Gustafson, vice president for student affairs and dean of students. Each year, the Alumni Association honors a faculty member and a staff member with honorary membership.

**President to President**

Doug Stearley, president of the Rose-Hulman Alumni Association, inducts Rose-Hulman President Samuel Hulbert into honorary status as a Rose-Hulman alumnus. Hulbert was honored with a surprise presentation during the Homecoming awards brunch, which was Hulbert's last as president of the Institute.

1969

Jim Houdeshell (Ch.E.) and his wife, Ann, have moved to a 150-year-old house in downtown Dayton, Ohio. He has just finished a doctorate and looks forward to grandparenting.

1970

Dick Moulton (Math.) and his wife, Nancy, report they have adopted two children, Angel (4) and his sister Annie (2). They also have five grown children and five grandchildren.

1972

Marvia A. Cones (C.E.) has been named manager of dam safety and design engineering for the Tennessee Valley Authority. He is responsible for all design engineering for the rehabilitation and upgrade of TVA's 47 dams, hydroelectric power plants and 13 navigation locks. He and his staff of more than 100 are responsible for the safety of the dams, which are located on the Tennessee River and its tributaries in Tennessee, North Carolina, Georgia, Alabama and Kentucky. He lives in Knoxville, Tenn.

Pedro Kinner (AERO) spent the month of May riding his bicycle solo from Lake Tahoe through southern Utah and Colorado to Des Moines, Iowa, camping along the way.

Vernon E. Whitehouse (M.E.) reports a new job with Square D Co. in Parsippany, N.J., as senior sales engineer for service projects on electrical equipment.

1973

Craig Winn (M.E.) has started a consulting firm, The Winn Group. The firm specializes in strategic business issues related to automotive product development, and it supports defense of auto industry companies in product litigation. The firm is located in West Bloomfield, Mich.

1974

Dennis Paustenbach (Ch.E.) recently established a consulting firm (www.ChemRisk.com) which will assist clients with challenges involving chemicals in the workplace or the environment (air, water, soil, foods or sediment). He was formerly president of McLaren-Hart Env. Engineering and, later, vice

president of Exponent, a nationwide science and engineering firm.

1976

Douglas Walker (E.E.) and his wife, Linda, have been appointed to a new church, Rosedale Hills United Methodist Church in Indianapolis.

1977

Todd Eck (M.E.) is the new chief operating officer for Dynamic Solutions, Indianapolis.

Dave Lewis (M.E.) retired from Avaya and moved to Georgia where he has started his own engineering company. He also is a "new and very proud grandpa."

Robert Neal (M.E.) received

a promotion to plant manager of New Venture Gear's Roitzsch Germany Facility. The Roitzsch facility produces transfer cases for Land Rover, VW Tourag, and the Porsche Cayenne. He also is proud to have another alumnus in the family, daughter Tracey, class of 2002. He and his wife, Kathy now live in Leipzig, Germany.

Peter A. Van de Motter

(E.E.) recently became certified by the Aerobics and Fitness Association of America as group exercise instructor.

1979

Hugh T. Winslow II (M.E.) received a master's degree in engineering technology from Central Washington University in August.

**Thank you, Detroit**

Prior to this year's golf outing in Detroit, several volunteers serving alumni activities in the Detroit area were thanked for their service by Alumni Director Brian Dyer. In attendance, were, front row from left: Winston Fowler ('71) and Jackie Cole, a piano player at the restaurant where the thank-you took place; and back row, Todd Hoevener ('88), Craig Winn ('73), Toby Fowler, Brack Bengé ('88), Erin Bengé, Barb Winn and Sonya Hoevener.

1980

Richard C. Robbins (Ch.E.) returned from a four-month deployment to U.S. Central Command where he introduced a new tactical unmanned aerial vehicle (UAV) to combat operations during Operation Iraqi Freedom. Mobilized from his position at the Office of Naval Research shortly after 9/11, Robbins was chosen to lead a chief of Naval Operations-directed effort to design, develop, manufacture and field a low-cost UAV for persistent battlefield intelligence, surveillance and reconnaissance.

1981

Randal J. Braker (CE EV), general manager of the Duck River Utility Commission, received the George Warren Fuller Award from the American Water Works Association. The award is presented to a selected member of the association for his/her service to the water supply field. Braker, who received the award during a special conference in June, is chairman of the Tennessee Water Utility Council for the Kentucky-Tennessee Section AWWA and was chair of the KY-TN Section of AWA in 1999.

1984

Brian Patrick Kelley (M.E.) is director of global cooking technology for Whirlpool Corp., in Cassinetta, Italy.

1985

Kevin Donovan (Ch.E.) and his wife, Diane,

announce the birth of their first child, Sean Daniel, on June 20, 2003. Kevin reports dad is purchasing stock in Procter and Gamble.

Thomas Freeman (M.E.) and his family have relocated to Canton, Ga., where he continues to work for GE Power Systems. The Freemans spent last summer on assignment in Florence, Italy.

Lars Ho-Tseung (M.E.) has been appointed CEO and president of Custom Label and Decal in Hayward, Calif. He continues to reside with his family in the San Francisco Bay Area.

Guy T. Schafer (C.S.) received his master's (information technology) from Harvard University this year. He drove a total of 60,000 miles over seven years to attend classes. Check out the photos at www.professorguy.com.

1986

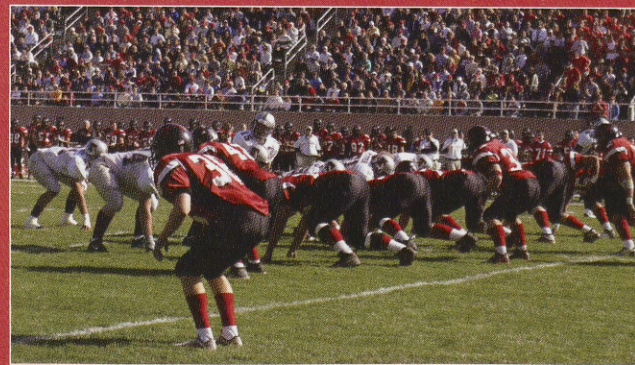
John Christos (M.E.) is president of a new company, Protean Engineering. He resides in Valparaiso, Ind.

1987

Marty Wessler (C.E.) and his wife, Leslie, had their first child, Matthew Dean, born last June.

1988

Mike Castor (M.E.) has been promoted to senior associate with BSA LifeStructures in Indianapolis. He joined

HOMECOMING 2004**Scheduled for October 8-9, 2004**

Make hotel reservations early! Homecoming is the first weekend of the Covered Bridge Festival and hotels will be at a premium in the Terre Haute area that weekend. For more information, contact Brian Dyer, Director of Alumni Affairs via phone at 812-877-8359 or via e-mail at brian.dyer@rose-hulman.edu.

BSA in 2000 with more than a dozen years of project consulting experiences. He was instrumental in the design of the Biotechnology Research and Training Center at Indiana University.

Bill Reid (M.E.) has taken a position as director of engineering and development at MedEfficiency, Inc., a Denver-based medical device manufacturer. He resides in Longmont, Colo., with his wife Michelle, daughters Kaylan and Allyson, and son Peyton.

1989

Martin Baechler (Chem.) a major in the U.S. Army, has completed fellowship training in hand surgery at the Walter Reed Army Medical Center. He is being sent to Landstuhl, Germany, for his next Army assignment.

Kevin D. Benham (M.E.) and his wife, Jana, report the birth of second child, Maya Lynne, born last February. She is welcomed by big brother Aden. Kevin now works for Naval Surface Warfare Center, Crane, as a mechanical engineer in the Airborne Electronics Warfare Section.

Sean Helle (C.S.) has been promoted to the level of director with Accenture. He joined Accenture, formerly Andersen Consulting, upon graduation.

John Leonard (Ch.E.) has been promoted to director of asset strategy and demand chain management with DSM Pharma Chemicals. He and his family have relocated to Heerlen, The Netherlands.

Nelson Nissley (C.S.) grad-

uated from Midwestern Baptist Theological Seminary with a master's of divinity last May. He now pastors Mosby Baptist Church, Mosby, Mo.

Steven Slaughter (E.E.) was assigned as commander, HHC 1-152nd Infantry and still is deployed to Southwest Asia in support of Operation Iraqi Freedom. His full-time job currently is at Cummins, Inc.

1990

Scott Plimpton (C.S.) reports the birth of Brian Nicholas, born last spring.

1991

Cary N. Gerber (C.S.) and his wife, Carla, welcomed their second child, Sadie Marie, last May.

Jim Goodridge (M.E.) is now the plant mechanical

engineer for North American Green in Evansville, Ind.

Dan E. Hasenwinkel (E.E.) updates us with a new addition to the family, Luke Andrew, born last spring. He joins older brother Matthew.

Joe Matthews (E.E.) has changed employment from Delphi Delco Electronics after 12 years to Whirlpool to become a director in the Global Commodity Management Organization for Basic Technologies in the North America Region. He and his family now reside in St. Joseph, Mich.

Jim Neal (C.E.) recently was named county highway engineer for Hamilton County, Indiana.

Bob Shea (M.E.) and his wife, Tiffany, announce the

birth of daughter Colette Elisabeth.

Kevin Token (E.E.) has been promoted to chief operating officer at The Odle McGuire & Shook Corp. He will oversee all design services, staff development and operations of the firm. He has been with OMS since 1999 and became a senior principal in 2002.

1992

Brian Marcum (M.E.) and wife, Melissa, are the parents of Alexander Nicholas, born last spring.

Scott G. Minnich (C.E.) received his structural engineering license in Illinois to add to his professional engineer's license he holds in several states.

Chris G. Reed (Ch.E.) reports the birth of second son Elijah Christopher.

Tony Schy (M.E.) recently left Accenture to form his own company that performs health-care claims auditing. His company is located in Jeffersonville, Ind.

1993

Charles Arvin (Ch.E.) reports that since we last heard from him, he got married (2001) to his wife, Simone, and he received a Ph.D. in chemical engineering from the University of Notre Dame last May.

Gary L. Solbrekken (M.E.) has completed his Ph.D. in mechanical engineering at

the University of Minnesota, and he has taken a faculty position at the University of Missouri in the Department of Mechanical and Aerospace Engineering.

1994

Matthew E. Leach (M.E.) recently passed all requirements for professional engineer licensing in the State of Indiana.

Chad Scherrer (Math.)

received his doctorate in mathematics from Indiana University last spring.

1995

William H. Allen (Ch.E./Chem.) reports his family added a son, Noah, last April. He joins big brother Jacob. William started a new job last year as validation assistant manager for Jacobs Engineering in Indianapolis.

Joseph Julicher (CPE) reports the birth of a new child, Hannah Rose, born last July.

Scott States (Ch.E.) reports the birth of second child Katherine Grace, last June.

1996

Keith A. Barron (E.E.) and his wife, Erin, had their first child, Alan Joseph, born last July.

Brian P. Cahill (M.E. and M.S.B.E. '98) has been promoted to field clinical representative for the CRM division of Guidant. He has relocated from San



New England Area Alumni Outing

Forty alumni, friends, current students and parents attended a Boston Red Sox game on July 19, 2003. Pictured below from left to right are: Chris Small '02, Rose-Hulman, Brent Pawlak '03 Michigan Tech, Rob Kief '03 Rose-Hulman. All three work at Timken U.S. Corporation in Torrington, CT. Chris and Rob brought their friend Brent to the game. Sox beat the Toronto Blue Jays 5-4 in 10 innings.

Francisco to Chicago. Also, since we last heard from him, he married Alina Ena Suarez.

Eric Gappa (Math.) married Jo Ann Guardiola last June in North Judson, Ind., They reside in LaPorte, Ind.

Ashvin Lad (Ch.E. and M.S.B.E. '98) has graduated with his MBA in marketing and strategic management from Indiana University's Kelley School of Business. He was awarded the two highest honors at graduation – The Kelley Legacy Award and the Distinguished MBA Contributor.

1997

Wes DuBois (Ch.E.) and his wife, Kate, are the parents of Liam Zachary, born Aug. 14.

Jeremy Newton (C.S./Econ.) and his wife, Janae, announce the birth of a second daughter, Anna Marie, born last April. She joins sister, Sarah. The family resides in Dallas, where Jeremy is an investment representative for Edward Jones Investments.

Jeff Schwegman (M.E.) and his wife, Renee, had their first child, Laine Elizabeth last July.

1998

David Lafkas (Chem.) recently returned to Cincinnati to open his own intellectual property law practice specializing in

patent prosecutions for small businesses and independent inventors throughout the Midwest.

Jason Miner (M.E.) received his MBA from the Columbia Business School, and has joined a group to start a new firm with offices in San Francisco, Chicago and New York.

Mike Pilcher (E.E.) and his wife, Mary, had their first child, Catherine, last June. He works as a senior engineer (radar algorithm development lead) for JT3 in Las Vegas.

Brad Schnarr (C.E.) married Jennifer Seger last May.

Ryan L. Willis (Ch.E.) now is a U.S. patent attorney with Taft, Stettinius & Hollister in Cincinnati. He is a 2001 graduate of the University of Dayton Law School.

Andy Zehnder (E.E.) and his wife had a daughter, Lillian Josephine, last January. Andy received a master's of electrical engineering from the University of Cincinnati in 2001 and an MBA from Xavier University this year.

1999

Michael Bach (Ch.E.) and **Christine Winters ('00, Ch.E.)** were married last May.

Christopher Bradley (E.E.) and Janene Marie Pereira exchanged wedding vows last spring.

Paul F. Edwards (C.E.) married Eugenia Ann Locklar last August. He is a captain in the U.S. Air Force and she is a first lieutenant.

Suzanne Ellett Garlitz (C.E.) married Brian Keith Garlitz last May.

Chris King (C.P.E.) and his wife, Mercy, announce the birth of daughter, Elizabeth Virginia, July 10.

Adam Parsley (A.O.) married Rebekah Neff on Aug. 9. He continues to work at Crane Naval Warfare Center. They live in Bloomington, Ind.

James D. Spring (E.E.) and his wife, Jaimie, welcomed their first child, Lindsay Miriam, on May 4. They live in Algonquin, Ill. Jim still is employed by Accenture Technology and Infrastructure Services.

2000

Alice Albrinck (Ch.E.) and husband Mark had a boy, Logan Thomas, on June 10.

Amanda (Gray) Holder (Ch.E.) recently passed the California Board of Professional Engineering Licensing Exam.

John Hewitt (M.E.) and **Cathy Francis (Ch.E.)** were married on June 30.

Katrina Louise Klein (C.E.) and **Christopher David Schultz (C.S.)** were married on May 31.

Bayles Recognized

Bill Bayles (M.E., '77) was named one of the top 10 Federal Engineers of the Year by the National Society of Professional Engineers. He received the award during a ceremony at the National Press Club in Washington, D.C. The Federal Engineer of the Year Award program recognizes outstanding engineers employed in the federal government.

Bayles became eligible for the national competition after being named the U.S. Army Corps of Engineers Military Engineer of the Year for 2003.

A colonel in the U.S. Army Corps of Engineers, Bayles was recognized for work he did in the Rock Island District of the Corps Mississippi Valley Division. The most significant project was a \$30 million renovation of a navigation lock north of Clinton, Iowa, an important link in the Midwest's transportation infrastructure. The lock itself was more than 60 years old.

During the winter closure period of just over 70 days, Bayles led the upgrade of miter gates on the lock, the replacement of 1930-era electrical controls and the refacing of the lock walls. The job was completed in time for the navigation season, on budget and with no lost time accidents.

Jonathan Matthews (Math.) married Elizabeth Bohanan last year.

Neil A. McCracken (Ch.E.) married **Becca Vinson (M.E. '01)** on Aug. 9.

Jeremy Showalter (M.E.) received an M.A. in Science, Technology and Public Policy from the Elliott School of International Affairs at the George Washington University.

2001

Jay Askren (C.S.) currently is in the master's program in computational linguistics at Indiana University.

Andy Engle (C.S.) recently married Morgan Medsker of Marshall, Ill.

Nicholee Page (M.E.) and **Michel Nietch (M.E.)** were married last May. They live in Golden, Colo.

Travis Soyler (Ch.E.) is enrolled in the MBA program at the University of Notre Dame.

Jessica Watts (M.E.) and **Daniel Miller (M.E.)** were married June 21.

Robert Roush (M.E.) has started a new job as a process engineer at Eli Lilly in Clinton, Ind. He previously worked at Allison Transmission in Indianapolis.

Don Stewart (M.E.) and **Mandy Wampler Stewart (C.E. '02)** announce the birth of their first child, a son, Evan William.

Chad Wendell (M.E.) married Breuna Kester last April.

Jason Winkler (Ch.E.) exchanged wedding vows with Dana Lee Oliver last May.

2002

Jennifer Anderson (M.E.) now works with Rexnord in Indianapolis.

Nicholas Anderson (C.S.) married Beth Anne Sniadecki last April.

David Berty (M.E.) wed Stephanie Waninger on June 28.

Steve Corbin (E.E.) continues to work for the Marine Corps at NSWC Crane.

Meryl Dillon (M.E.) has a new job at an architectural

engineering firm called HarleyEllis in Southfield, Mich.

Cleve Koehler (M.E.) has married Caroline Scherb.

Cody Wagner (C.O.) married Kari Mushrush June 1.

2003

Ryan Bechtloff (C.S.) married **Sonia Marie Haalboom (M.E.)** June 6.

Benjamin Huckaba (E.E.) married Jennifer Blume on June 14.

Jeremy Kashman (C.E.) married Megan Michelle Martlage on Aug. 1.

SCHMIDT GENEROSITY CONTINUES TO MAKE MUSIC AT ROSE-HULMAN

Alfred R. Schmidt, emeritus professor of mathematics, continues to make music at Rose-Hulman through the donation of an organ to Hatfield Hall.

Through Schmidt's support, one of the industry's most technically advanced organs provides the highest quality music possible, and it allows audiences to enjoy the most realistic pipe organ sound available in a pipeless organ. The Allen Renaissance R-380 features the world's first programmable stop list and CD-ROM sample library. The organ includes the Renaissance Choir Division, SoundMatrix technology and Virtual Acoustics features ranging from pipe chamber to cathedral sounds.

The organ was officially dedicated earlier this year in a concert performed by Thomas Hazleton.

The Hatfield Hall organ is not Schmidt's first donation to the musical well-being of the college. He also donated another organ constructed by the Allen Organ Co. of Macungie, Pa., and a 25-

year-old Steinway grand piano to the White Chapel, which opened in the fall of 2001.

Schmidt retired in 1995, ending a 46-year career of service to Rose-Hulman and its students. He graduated from Rose-Hulman in 1949. For more than 35 years, he was the organist at the college's graduation ceremonies, and he often accompanied the Rose Glee Club, a group he served as adviser for 25 years. Schmidt stressed involvement as the key to his teaching philosophy.

In addition to his classroom duties and musical assistance, Schmidt was co-designer for the mathematics degree curriculum in 1959, co-founder and instructor for the pre-freshman Summer Institute (approx-



Al Schmidt (inset), organist Thomas Hazleton and Father Gus Franklin.

mately 1960), and co-founder and director of Operation Catapult (1967-1983). "Professor Schmidt's generosity has enabled Rose-Hulman to equip its two newest buildings with the best organs available, and the equipment will serve the Rose-Hulman community well into the future," said Mark Richter, vice president for development and external affairs.

OBITUARIES

1932

Russell V. Smith, died July 12 at the age of 93. Survivors include his wife, Mildred; a daughter Judy Samm; and two sons, Robert and Ronald. He was a retired chief draftsman for Butcher Boy Refrigerator Door Co., and he lived in Delavan, Wis.

1933

William C. Heidenreich (Ch.E.), 92, died at his home in Hanover, N.H., on July 9. Survivors include his wife, Rosa; a daughter, Toby; and two sons, John and Jim. He worked for Union Carbide Corp from 1934 to 1971. He had assignments around the world and was a member of the American Institute of Chemical Engineers and a fellow of the American Institute of Chemists. After retiring from Union Carbide in 1971, he served many challenging overseas assignments with International Executive Service Corps, a volunteer organization. He also enjoyed designing and building solar energy systems, and was energy coordinator for the Town of Topsham.

1934

Howard C. Barnes (E.E.) died June 16. He held a doctor of engineering degree, and was founding president of the Power Engineering Society of the Institute of Electrical and Electronic Engineers

(IEEE). He became a member of the National Academy of Engineering for his contributions to environmentally conscious high-voltage transmission systems. He also was an IEEE Fellow and served on the American National Standards Institute, the Association of Edison Illuminating Company standards boards and the National Science Foundation as an adviser. He was a recipient of the Power Life Award. He was employed for 35 years with American Electric Power Co., culminating his career as vice president of engineering. He then joined Chas. T. Main, Inc., as vice president of power and environmental systems.

1935

Harold Reintjes (Ch.E.) died Aug. 26 at the age of 90. He was president of Petrocard, Inc., in New York City for more than 20 years. Survivors include his wife, Emerelous, and a son, Robert.

1937

Hubert Wittenberg (E.E.) died last July at the age of 88. He was a retired RCA Corp. engineering. He worked 35 years for RCA and held several patents. He holds the distinction of being the first person to receive a master of science degree from Franklin & Marshall College. Survivors include his wife, Joyce and

two sons Terry and Dale; and a daughter, Carol.

1940

John W. Adair (M.E.) died earlier this year at the age of 84. Survivors include his wife, Ann and children J. William II, Allen, Michael, James and Rebekah. His engineering career included positions with Allison Division of General Motors and Pratt and Whitney Aircraft.

Emil G. Christiansen (Ch.E.) died earlier this year. Survivors include his wife, Helen.

1947

John C. Steward (Ch.E.) died last May. He was retired chairman of Clark & Vicario Corp. Survivors include his wife, Betty.

1948

William K. Sharpe died last August. He was a retired military consultant and lived in North Las Vegas, Nev., at the time of his death. He is survived by his wife, Miyako.

William Herbert Thomas (M.E.) died July 26. He was retired from Allison's in Indianapolis where he was chief design engineer for large gas turbine engines for 35 years. He also spent a number of years at Rolls Royce as senior project engineer. He had been a member of the American Society of Mechanical Engineers

and the Society of Automotive Engineers, and functioned as chairman for a number of research projects for those societies. Survivors include his wife, Laura; daughters Candace Hess, Debra Thomas and Lise Brown; stepdaughters Sharon Maple and Cheryl McGinley; and brothers Seibert (Class of '51) and Clayton.

Alva W. Stephenson (E.E.) died earlier this year at the age of 88. He was a retired maintenance engineer for Reynolds Metals.

1949

C. Gene McGlone (Ch.E. and M.S. Ch.E. 1951) died at his home in Wilmington, Del., on May 23. He was retired executive vice president of Dupont-Mitsui Chemical Co. in Japan. Survivors include his wife, Therese; son Dennis; and two brothers, Gerald and James.

A. Ray Osburn (C.E.) died last year in Louisville, Ky. He was an attorney, practicing patent law. He also had a long career in engineering working for various companies, including Boeing and Thiokol Chemical Corp. Projects in which he was involved include the Minuteman missile and Apollo rocket programs, along with design of bridges on the Indiana Turnpike.

1951

Eugene H. McDonald (M.E.) died Feb. 14. He was retired owner of Utility Audio Group, and resided in Inverness, Fla., at the time of this death. Survivors include his wife, Norma.

1956

John D. Neal (E.E.) died last January. He was a retired program manager for Magnavox Electronic Systems Co. His wife, Joanne, survives him.

1959

Marlin G. Eaton (E.E.) died July 27. He was a retired State Farm Insurance agent, and was survived by his wife, Anna.

1967

Richard H. Blessing (M.E.) died last January. Survivors include his wife, Carol.

1969

Jeffrey L. Kopel (M.E.) died last year, according to word received in the alumni office. Survivors included his wife, Claudia. He had been an implementation engineer with Crouzet Corp.

1970

James Long Heppner Jr. (M.E.) died last year at the age of 54. He had been president of Linder Machinery Co., where he worked for 30 years. He was an active member of the Machinery Dealers National Association, and a member of the Association of Machinery and Equipment

Appraisers. Survivors include his wife, Nancy.

1976

Steve A. Stopher (E.E./Math) died last June in South Bend at the age of 45. Survivors include his father, Earl and three brothers, Ron, Brian and Greg.

STAFF**Donna Burns**

For 23 years, Donna Burns used her editing skills and commitment to accuracy to insure the quality of thousands of Rose-Hulman public relations projects and publications, including Echoes. Burns died Oct. 12 in Terre Haute at the age of 71. At the time of her death, she was serving as the administrative assistant in the Office of External Affairs.

She played a key role and took a great deal of pride in creating national publicity for the academic success of Rose-Hulman students. At the conclusion of each academic quarter, she coordinated the release of information about students selected for the Dean's List to more than 500 newspapers annually. Burns also insured that news about each year's graduates, the honors they received as a student and their future job or graduate school plans was accurate and distributed to the newspaper where that student resided.

Her outstanding skills as a copy editor were often sought by many faculty and staff who were completing

an important report, grant proposal or publication. Whenever a question about grammar, word usage or spelling arose, it was Burns who was looked to for the correct answer.

Among her survivors are four sons, a daughter and their spouses, six grandchildren, four nephews and a sister-in-law.

Bettie Evinger

Bettie Evinger, a staff member at Rose-Hulman Institute of Technology for nearly 30 years as office services manager and later as a member of the alumni affairs office, died Sept. 20 in Terre Haute at the age of 69.

Before joining the alumni office staff as assistant director in 1985, Evinger was office services manager with duties involving the mail-room, supplies, switch-board, purchasing and insurance claims.

Her responsibilities in the alumni affairs office included serving as the campus liaison with the Rose-Hulman Parent's Association and coordinator of the alumni tour travel program. She also played a vital role in organizing Homecoming each year while working with the 50 Plus Club and other reunion groups.

In 1991, the Alumni Association selected her to be an honorary Rose-Hulman alumnus. Evinger was honored in 1994 when she was presented with the Parents' Association Dedication Award. She

retired in August, 1998. Her work benefited almost every segment of the Rose-Hulman community, from students and their families to alumni, faculty and staff. Evinger is survived by her two sons, Donovan and Michael, and their families which include four grandchildren and three great-grandchildren.

HONORARY DOCTORATE

George Warren Griffith, a 1983 recipient of an honorary degree in engineering, died Feb. 17. He had a 35-year career with General Motors where he retired in 1985 after serving as general manager of the Hydramatic Division. He served on the boards of directors for Dominos Pizza and the Detroit Tigers.

Indiana Governor Frank O'Bannon, the recipient of an honorary doctor of humane letters from Rose-Hulman in 1998, died September 13 at the age of 73. In addition to receiving an honorary degree, O'Bannon also delivered the commencement address to the 1998 graduating class. He died at Northwestern Memorial Hospital in Chicago where he had been taken after suffering a stroke. He was in Chicago attending the U.S. Midwest-Japan trade conference. O'Bannon was serving his second term as Indiana governor at the time of his death. He previously served eight years as lieutenant governor and 18 years in the state Senate.

A RELUCTANT PRESIDENT: REVIEWING THE FIRST SEARCH

by Stephanie Jones

Now, as in 1879 – five years after its founding – Rose-Hulman finds itself searching for a president, an action necessitated by the retirement of Dr. Samuel Hulbert in June 2004. Today's process includes an executive search firm; a committee of trustees, faculty, staff, and students; and meetings with various constituencies. While all of these are expedient to us now, they were hardly elements of the search for the first president of Rose Polytechnic Institute. The first search may have lacked the process of the 21st century, but the decision was no less difficult 124 years ago when the Board of Managers elected Dr. Charles Oliver Thompson to the office of "President and Director of the Faculty." This news they sent with their hope of his acceptance and their belief "in all your efforts to establish the school and place it high among the recognized institutions of learning in the country."

Steeped in Rose-Hulman pride, we would assume that such an offer would be accepted readily, accompanied by excitement at the opportunity. Dr. Thompson — at that time the principal of the Worcester County Free Institute of Industrial Science (now Worcester Polytechnic Institute) — responded quite differently. Not only did Dr. Thompson claim it necessary "to submit to the superior claims upon [him] of [his] family," he was also quite averse to giving up both a higher salary than the \$3,000 dollars annually Rose offered and the "considerable" additional income he earned as a consultant.

Spurned, the Board of Managers considered other candidates. One of those was William D. Marks, the 1877 Whitney Professor of Dynamical Engineering at the University of Pennsylvania and apparently the second most-favored candidate. Marks is described in one of the notebooks of the Board's secretary Samuel Early as "possess[ing] remarkable common sense and fine judgment and to be an admirable mechanic in addition to his scientific gifts which are regarded as uncommon." Early also noted, however, that the salary Marks required was too "heavy for our means."

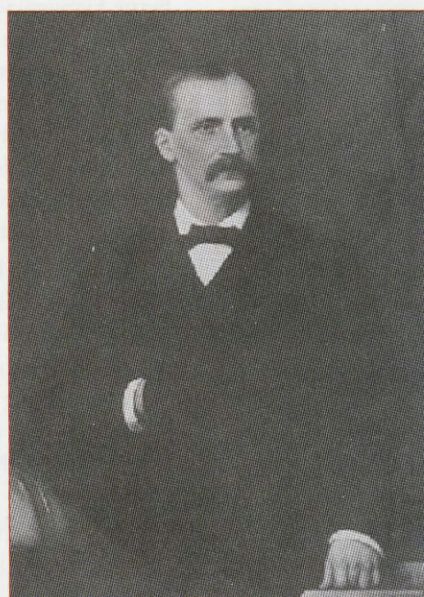
The other leading candidate was University of Minnesota President William W. Folwell, considered as a possibility because "it appears that he is much annoyed by legislative interferences with his work." The Board, however, remained uncertain in his favor, largely due to contradictory reports about Folwell.

Despite these and other well-respected prospects, Early informed a few correspondents in the winter of 1879-1880 that the Board of Managers found "it difficult to discover exactly the right man for the Presidency...[They] have decided to postpone opening the School until their acquisition of the legacy [left by Mr. Chauncey Rose]...will enable them to start with greater means."

The Board remained intently fixed upon Thompson to lead the Institute, believing him to be the most qualified man for the

office. Further in Thompson's support, Rose's founder Chauncey Rose had "decided [before his death in 1877], after making a careful survey of the field, that Dr. Thompson was the person best fitted to establish the institution."

Thus, on February 21, 1882, Samuel Early once again wrote Dr. Thompson on behalf of the Board of Managers of Rose Polytechnic Institute, announcing to him that for a second time in less than two and a half years he had been elected to the presidency. With the full funding from the Rose legacy now available, the Board offered a package that included a yearly salary of \$4,000, a sum of \$10,000 for "capitalization of his expert business in his present position," a rent-free residence and "a year in Europe to visit and study with technological schools."



Charles O. Thompson

This time Thompson consented. A year later, in March 1883, Rose Polytechnic opened its halls to its first twenty-five students. Ironically, just two years later President Thompson died at the age of 48, leaving the school to begin its search anew. Despite that setback, the choice was doubtlessly well-made, for even today Rose-Hulman Institute of Technology continues to build upon the tradition of a rigorous laboratory-based curriculum for its students established by Thompson. Today, celebrating Rose-Hulman's fifth year as "Number One" in the nation, we can recognize just how well Dr. Thompson and his successors fulfilled the commission given by the early Board of Managers to "establish the school and place it high among the recognized institutions of learning in the country." ■

Written by Stephanie Jones, sophomore at Hanover College and summer Archives Project employee at Logan Library.

ALUMNI EVENTS

Contact Brian Dyer or Bunny Nash for more information on all the events listed below.

Phone: 800-248-7448

Email: brian.dyer@rose-hulman.edu or bunny.nash@rose-hulman.edu

Web: <http://www.rose-hulman.edu/alumni-affairs>

MEET AND GREET PRESIDENT AND MRS. HULBERT

The next few months will be an exciting time in the Alumni Affairs Office as we plan alumni meetings and events around the country. We plan to include trips with Dr. and Mrs. Hulbert where their busy schedule will allow them to attend. Traditionally, we have a number of meetings in March around St. Patrick's Day, and we will be scheduling as many meetings and get-togethers as possible. We have listed a few, but others are being considered all around the country. Here is what is scheduled to date:

DAY	MONTH	CITY
Friday	February 6th	San Antonio, TX
Saturday	February 7th	Austin, TX
Sunday	February 8th	Dallas, TX
Saturday	February 28th	Vero Beach, FL
Monday	March 1st	Naples, FL

UPCOMING EVENT

Young Alumni Tour to Costa Del Sol, Spain
March 27 to April 4, 2004

For more information, visit the Rose-Hulman web site at <http://www.rose-hulman.edu/youngalumni/Trips.htm> or contact Bunny Nash at telephone number 812-877-8465.

CELEBRATION PARTY PLANNED FOR HULBERTS

Mark your calendars for Saturday, May 1st, 2004. All alumni will be invited to a celebration for Dr. and Mrs. Hulbert on campus in the Sports and Recreation Center. More details will be coming after the first of the year.

TEACHER AWARD NOMINEES SOUGHT –

Rose-Hulman seeks nominations for its annual Outstanding Teacher Award to be presented during the 2004 Honor and Awards Banquet. Nomination forms and details can be obtained from: Dr. Patricia Brackin, Rose-Hulman Institute of Technology, Campus Mail 165, 5500 Wabash Avenue, Terre Haute, Indiana 47803.

SEND US YOUR CLASS NOTES

We always like to hear from our alumni. Send your class note information to:

Bryan Taylor, Editor, Echoes,
Rose-Hulman Institute of Technology
5500 Wabash Avenue
Terre Haute, IN 47803
or via e-mail at bryan.taylor@rose-hulman.edu.

LEAVE A LEGACY



You have a chance to leave a legacy for yourself or a family member in the soon-to-be-constructed Reflection Plaza on the front lawn of Rose-Hulman's campus. You can purchase a brick that will be part of the plaza surrounding the recently erected Flame of the Millennium sculpture.

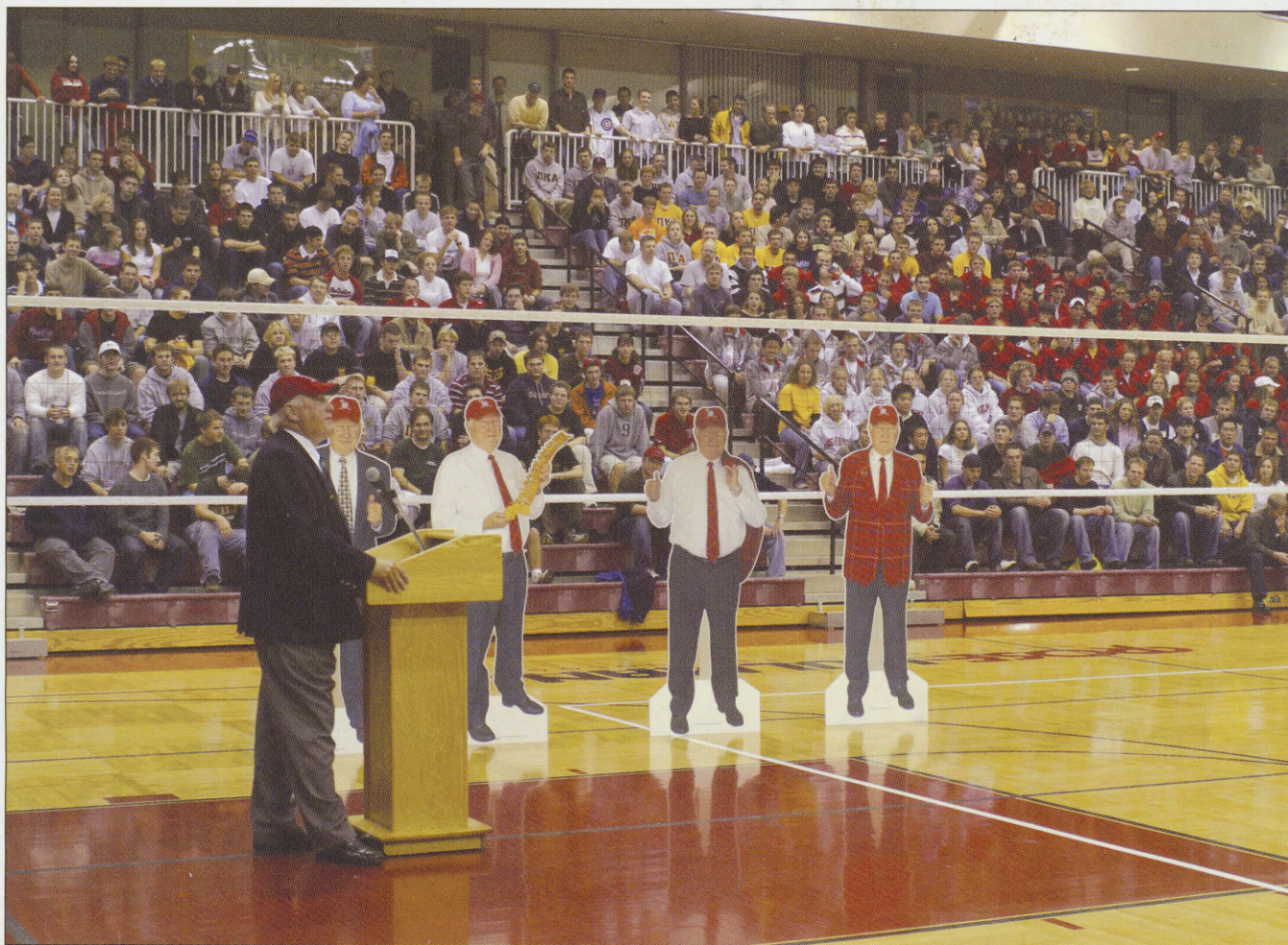
For more information, contact Karen O'Rourke in the Office of Alumni Giving at **800-248-7448**, ext. **8159**, or via e-mail at karen.orourke@rose-hulman.edu

Three sizes of bricks available for purchase are:

4 x 8 inches for \$150,

8 x 8 for \$500 and

12 x 12 for \$1,000.



PARTING SHOT

Will the real president please stand up? President Samuel Hulbert, at podium, addresses the Homecoming pep rally amidst a group of life-sized photographic cutouts of him. The Alumni Office generated the cutouts to place at various Homecoming events. They proved quite popular and were used by many visitors seeking a "photo-op" with the president.

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