

CIVIL ECHOES

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

Honor Alumni Award

Every year four people are selected as Honor Alumni Award recipients. The award is based on:

- Loyal, unselfish and meritorious service in furthering the interests of Rose-Hulman
- Contributing to the national interest of our country
- Professional achievement

Two outstanding Civil Engineering alums were honored at Homecoming 2004:

David Maxwell

BSCE 1991

Howard R. Green Company



David, Project Manager and Bridge Engineer for Howard Greene Company, is an active member of the CE Board of Advisors. Additionally Dave has been the “go-to man” for seniors seeking employment and underclassmen seeking summer internships in the St. Louis area. Dave also played a major role in our Freshman CE trips to St. Louis in 2000 and 2004 where the students were able to tour MetroLink construction projects and the new St. Louis Cardinals baseball park. Dave’s professional expertise is transportation and structural engineering.

Matt Warstler

BSCE 1993

Georgia Power



Matt, Senior Transmission Specialist for Georgia Power, is an active volunteer for the Rose-Hulman Admission Office. He has also hosted numerous Rose Alumni outings in the Atlanta area. Matt has taken an active role in helping RHIT CE grads find permanent employment in the southeast, as well as identifying summer internship opportunities for undergrads in the Atlanta area. Matt’s professional expertise is multifaceted ranging from geotechnical, erosion control, and materials engineering to project management.

Congratulations to Dave and Matt—Two excellent examples of why we are all **CIVIL PROUD!**

ATTENTION - We are going electronic, so update your email with the Alumni office:

(www.rose-hulman.edu/alumni affairs/address.htm) to receive Civil Echoes quarterly.

Chairman's Perspective

It is always great to start the school year, and this year is no exception. Dr. Jack Midgley has taken over as president of Rose-Hulman and has great aspirations for making Rose-Hulman even better. One thing that certainly won't change is our commitment to undergraduate engineering, science, and mathematics education. Dr. Midgley is very appreciative of his technical undergraduate education at West Point and is committed to our world-class mission in that regard.

The big change within civil engineering is enrollments. Class size over the last eight years has been in the 25 to 30 student range. Last fall, our freshmen class ballooned to 50 students. This year's freshmen class is already 40 students strong, and we tend to get six to eight internal and external transfers prior to the start of the sophomore year. If this trend continues, we will soon approach 200 civil engineering majors on campus and graduate close to 50 students per year. The popularity of civil engineering is exciting, but it does present us with some challenges based on our current faculty size. We will have to increase the number of sections for many of our junior classes next year and possibly add a new faculty member.

Finally, I want to extend a heartfelt thanks to all of the alumni who made it to Homecoming 2004. It was great to see so many familiar faces. The turnout was terrific! Some of the news we received is being reported in this issue of Civil Engineering Echoes. This includes promotions, job changes, graduate school, weddings, and new family members. You continue to make us very proud.

ASCE Student Chapter Update

The Cecil T. Lobo Student Chapter is wrapping up a successful year in 2004. We're excited to say that the Concrete Canoe Team has been hard at work—for the first time in over a decade. Underclassman involvement is high, but we have a lot of work to do before the regional competition this Spring. We are looking for sponsors, and appreciate any help we can get.

The student chapter took a field trip to Black Beauty's Farmersburg Mine—the largest surface mine in Indiana. We joined an Indiana DNR group to see the whole process, from removing overburden to blasting to extracting coal to reclamation. The best part of the trip might have been the dragline. As big as a house, it moves 150 CY of shot rock in one swing, and we got to stand in the operators cab and walk through the huge inner workings of the machine.

Our community service department is busy as well. We're continuing on the Watson House Project, which we should have sealed up for the winter so an electrician can continue work indoors. Another fun event was working with middle school children and the West Point Bridge Design software. We spent two evenings introducing middle school students to Civil Engineering and answering questions as they designed their own bridges.

Congratulations to our incoming officers, who will be announced at our Winter Banquet and will take over in 2005: Michael Reeves, president; Cassidy Sutton, vice president; Michael Krantz, secretary; and Chris Hollen, treasurer.

Update on EVE Program

The environmental engineering program at Rose-Hulman provides an introduction to the field for all civil engineering students, allows undergraduates to focus on the field through the environmental engineering minor, and offers graduate students the opportunity to earn the first professional degree for the environmental engineer. Over the next year we hope to make several changes to the program that will improve the learning environment experienced by our students.

An immediate improvement will be to the environmental engineering lab. The Institute has awarded the department additional equipment funds for the environmental engineering lab. The new equipment, including an OUR-BOD respirometer, will enhance our ability to conduct wastewater investigations in CE461 Environmental Engineering Laboratory. In addition, the new equipment will support a new graduate level unit operations laboratory course.

Do you have a low priority project you would like to get accomplished? Our graduate program is a 4-quarter curriculum featuring a broad offering of environmental engineering courses and a graduate project. The graduate project is modeled after the Senior Design project with a two graduate student team working on a client-based project. If you have any projects that are suitable for a graduate project, especially in the areas of water or wastewater treatment, please consider offering the project to our graduate students. If you are interested in the program or have a project that would benefit from the work of several Rose graduate students please contact Dr. Robinson at 812 877-8286.

Alumni Spotlight

RICHARD CARTER (1961) recently was promoted to supervisor, software documentation, at Broadcom Corporation in Irvine, California. Broadcom is a provider of highly integrated semiconductor solutions enabling broadband communications.

GLENDON WILLIAMS (1965) tells us he is still working for HNTB but is moving to their San Antonio, Texas office. He also reports that his brother David Williams (ME 1975) is now on the staff at Rose-Hulman.

CECIL WHITAKER (1973) attended homecoming with his son **MATT WHITAKER** who will be graduating with a MS in Environmental Engineering next year from Rose.

EUGENE J. LEBOEUF, Ph.D., P.E. (1985) was at Rose-Hulman in September 2004 to recruit students for graduate school. He is an Assistant Professor in the Department of Civil & Environmental Engineering at Vanderbilt University in Nashville, Tennessee.

CHUCK SMITH (1986) and his wife Rhonda, have launched Cabins & Candlelight, a romantic getaway featuring luxury log cabins near Crawfordsville, Indiana

MARTIN WESSLER (1987) informs us that his second son, Bradley Raymond Wessler, was born November 5, 2004 weighing 9 pounds, 4 ounces and 21 inches long. He joins big brother Matthew who is almost 17 months old. Mom and baby are doing fine.

PAUL KIMMERLE (1991) started Kimmerle Engineering in Hudson, Indiana the first of September. He is doing civil, structural and building design work.

DAVID WHITWORTH (1992) reports his wife, Kathy, gave birth to their first daughter, Elise Katherine, last year. In other news, David has been named program development engineer for the Indiana Department of Transportation in Crawfordsville, Indiana.

AARON M. REYNOLDS (1994) and his wife, Amanda, announce the birth of their fourth child, Zachary, who joins siblings Jacob, Sarah and Ethan.

JOE RICKER (1994) and his wife, Alison, report the birth of twin daughters, Abigail Ruth and Elizabeth Sage, who were born last year. On the job front, Joe is employed by Premier Environmental Services.

DAVID A. SANDERS (1994) and his wife, Carol, had their first child, Ethan David, born March 23, 2004. Additionally, David has transferred with URS from Cincinnati to the company's Louisville office.

BRIAN STANKIEWICZ (1994) and his wife, Alison, announce the birth of their first child, Lawson John, who was born last fall.

NATHAN D. MILLER (1995) received a promotion to team leader of security and emergency response at Eli Lilly and Company's Tippecanoe Laboratories.

TOM MILBACHER (1996) is now working in the Indianapolis office of Christopher Burke.

BRAD PIGOTT (1999) is still working in West Virginia with his Dad's engineering company. He has no beard, has short hair, and is thin.

Alumni Spotlight Continued

DANIEL SCHUCK (1996) and his wife, Jennifer, had their first child, Caitlyn Marie, born last January.

DONALD BALES (1998) exchanged wedding vows with Bonnie Daugherty in November 2003.

CHAD MILLS (1998) and his wife, Joellen, became parents when Kate Therese was born on March 27, 2004.

GARY POOL (1999) and COLLEEN PATRICK (1999) attended Homecoming.... together.

SHANNA (RIVES) STONE (2000) and her husband Dan are the proud parents of Caleb Michael Stone born on April 2, 2004. Shanna reports she needs to put more in his college fund because he might be part of a 3rd generation to attend Rose.

TERRA BARANOWSKI (2001) is in her 4th year of graduate school at Vanderbilt University in Nashville, Tennessee.

CHRISTOPHER L. BAUER (2001) is now working at Boran Craig Barber and Engel (BCBE) based in Naples, Florida. He started on November 8, 2004 and came in as an Assistant Project Manager.

MICAH BEAVER (2001) is finishing his MS degree at Purdue.

JOEL ERICSON (2002) is now with Shrewsbury & Associates. His current project is working cooperatively with HNTB on the Indianapolis I-465 West Leg Expansion.

WALTER FLOOD (2003) is close to graduating from the University of Colorado in between rock climbing and ski trips.

AMY HAYMAKER (2003) is still working in Phoenix. She is running half marathons and triathlons.

DEREK HUGHES (2003) is working for Harrison Steel Casting Company in Attica, Indiana.

BRIAN KINDINGER (2004) is going to school taking accounting courses in order to sit for the CPA exam. He works for MS Consultants in Columbus, Ohio.

Mark Your Calendar

May 21, 2005 (Tentative) - ASCE Golf Tournament

May 28, 2005—Commencement