2012

OREGON STATER ENGINEERING AWARDS

February 24, 2012 | CH2M HILL Alumni Center, Corvallis

Oregon State UNIVERSITY OSU College of Engineering

Celebrating the impact of OSU Engineering leadership on the global community

From left, Ph.D. student Christian Hubicki, master's student Jesse Grimes and Assistant Professor Jonathan Hurst discussing details of the wire routing on the prototype running robot ATRIAS.

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Welcome to the 2012 Oregon Stater Engineering Awards

By Edward J. Ray, President
Oregon State University

Last month in Portland, Ore., Oregon State University began a statewide tour to share results of an exciting new economic impact study with communities around the state. The number that has gained the most attention from the "Impact 2012" report is $2.06 billion — Oregon State's overall economic footprint. But equally impressive are the efforts of one of the most important drivers of the university's impact: the College of Engineering.

The College of Engineering plays a vital role for the Oregon economy by graduating huge numbers of students who are prepared to play meaningful roles in such companies as Intel, PGE, CH2M HILL, Hewlett-Packard, and more. I often say that our graduates are our most valuable contribution to Oregon's success, and the college's efforts in this regard make more advancement possible for this state than some may realize.

Equally important is the college's entrepreneurial leadership. The college has a track record of spinoffs, startups, and licensed technologies that few other entire universities in this state could match. Whether our engineering leadership and faculty researchers are working with Home Dialysis Plus on biomedical innovation, NuScale on developing the next generation of nuclear reactors, or Azuray Technologies on enhancing solar power technology, they set an example for what is possible when public research universities partner with private business interests. And the technologies and companies described above not only help our economy, but are fundamentally improving lives and the world around them.

I recently learned of a young woman who exemplifies the best of College of Engineering's educational mission and its commitment to making our world a better place: Alexandria Moseley. As you may know, this senior from Newberg recently was named one of the world's 15 leading engineering students. She was subsequently profiled in the Corvallis (Ore.) Gazette-Times following her recognition as part of National Engineers Week, and it was gratifying to learn that after graduation she plans to do mission work abroad for a year, helping others with what she learned here at Oregon State.

I'm certain that employers and workplace success await Alexandria, as is the case with so many other graduates of this fine college. Thank you for being among its most loyal and enthusiastic supporters as it continues to deepen its mission on behalf of Oregon State University, the people of Oregon, and the world beyond — which the college touches in ever more profound and meaningful ways.

A Recognition of Engineering Impact

By Scott A. Ashford (CE '83)
Council of Early Career Engineers
Interim Dean
College of Engineering

I'm fortunate to have lots of opportunities to talk with College of Engineering alumni, many of whom fondly recall their days at Oregon State University. Sometimes it's a fellow classmate or the friendly Corvallis atmosphere that turns an alum into a lifelong Beaver. But often it's a professor or a class that opens the door, introduces a new perspective, and launches a previously unimagined career trajectory. Many times I've heard alumni say that a single professor was the most influential dimension to their professional or personal development.

Among the alumni we are honoring at the 2012 Oregon Stater Awards are those for whom a class, a mentor, an adviser, or a professor inspired them to aspire. An example is Hall of Fame winner Robert Chapman, a retired senior vice president of CH2M HILL. Chapman studied under Fred Merryfield, the enthusiastic civil engineering professor who co-founded CH2M HILL. Because of Merryfield's close mentoring — both on and off campus — Chapman gained the skills and confidence to launch his career at one of the world's leading engineering firms.

Another Hall of Famer, Edward Yao-Wu Yang, went to a conference and met Robert A. Short, an early chair of Oregon State's computer science department, who helped him appreciate his educational potential. Yang retired as vice president and chief technical officer at Hewlett-Packard.

As a final example, Hall of Fame honoree Jerry Florey said his technical degree from Oregon State allowed him to compete with engineers from some of the country's most prestigious universities. Florey later became the senior staff manager of the Space Transportation Division at McDonnell Douglas.

We are glad to have taken part in the successes of our honorees. But we must keep looking to the future. Our task is to continue building upon the academic excellence that produced these dynamic individuals, and the quality of teaching

is vital to developing future leaders and helping them gain access to opportunities. So, while institutions all over the country face economic uncertainties, Oregon State is in the midst of an aggressive hiring phase. By investing in our faculty, we can maintain an Oregon State like many of our honorees remember — an authentic place where educators care about each individual student.

As a testament to the strength of our engineering programs, many of the university's new faculty positions are allocated to the College of Engineering. We're in the midst of hiring 25 world-class engineering faculty who offer diverse and exciting research credentials and have the ability to significantly enhance our academic programs and facilitate student learning. This is an unprecedented growth rate for our program and will help us toward our mission of developing solutions to global challenges.

Our alumni and industry supporters also play a critical role in helping us to achieve our goals for our students. Already, they have funded named faculty positions and endowments, which are key to recruiting top faculty and freeing up resources to hire additional junior faculty and help balance the student-to-faculty ratio. The recently established Hal Pritchett Chair is one example of alumni and industry coming together to honor a single inspiring professor who founded the Construction Engineering Management program at Oregon State. These alumni understood the value of learning and the role it played in their own success.

Making the leap to hire 25 new faculty within a year may, to some, seem imprudent during a time of financial uncertainty. But we strongly believe that it is essential to help our students succeed. Success in the classroom can lead to success in the boardroom — or office, lab, plant, agency, or nonprofit organization. Our new faculty will join our existing faculty in instructing and inspiring the next generation of innovative leaders. They will supply the tools and spark the curiosity to educate the young minds who will one day build our infrastructure, tackle our energy crisis, and re-imagine what it means to be an engineer.

I expect that one day we will honor some of these students, much like we are honoring 27 of our amazing alumni today. If we do, I'm sure they will talk about the professors who taught them how to be a good engineer, and how they went on to make people's lives better in Oregon and beyond. With the right investment in recruiting and retaining top faculty talent, we can make certain that today's and tomorrow's Oregon State students continue to be among the world's top achievers.

Go Beavs!

ROBERT L. CHAPMAN

Hall of Fame

BS Civil Engineering '65
MS Civil Engineering '67
Retired, Senior Vice President
CH2M Hill | Vancouver, Wash.

In the mid 1930s, three Oregon State College students studied under Fred Merryfield, an enthusiastic civil engineering professor. A decade later, the quartet formed CH2M, an engineering design firm based in Corvallis, Ore. A merger in 1971 changed the company's name to CH2M HILL, and it has grown to become one of the world's largest engineering firms, with projects spanning the globe.

Bob Chapman was fortunate to benefit from Merryfield's mentoring, both on campus and off. "I had a three-hour class in sanitary engineering design from Merryfield when I was in graduate school — there were only 11 of us on the graduate program at the time," says Chapman. "We'd have sessions at his house on the patio, and conversations would drift from sanitary engineering to ethics and philosophy. It was a good time to be coming out of school."

Chapman benefited not only from the eclectic inspiration of Merryfield and the absorption of sound fundamentals from Oregon State, but also from a cooperative program between the university and the City of Corvallis. The program employed engineering students to run its water treatment plant on the Willamette River during peak demand in the summer. "I was really fortunate to be one of the students hired to operate that plant," he says. "It was my first experience in water treatment and I really enjoyed it."

Chapman's link with Merryfield proved fortuitous. "Never once did he say anything about offering me a job," says Chapman, but CH2M hired him in 1966 and he worked for the company until he retired.

When Chapman joined the small regional engineering firm, the company employed 200 people; today it employs more than 25,000 people around the world.

Chapman's forty-plus years with the company included a wide variety of project assignments and management positions. Having developed expertise in design-build-operative project delivery for clients around the country, he retired as senior vice president of the company's Water Business Group.

Chapman says he felt well prepared to "tackle the world" after his Oregon State education. "I benefited from a first-class faculty in structural engineering, hydraulics and environmental programs," he says.

Bob and Meredith Chapman on a safari in Central Africa

Chapman also benefited from Oregon State's willingness and ability to find summer jobs and internships for students in their specific fields of study. "First-hand work experience and some background in business principles is extremely valuable to students graduating today," says Chapman. "I am so impressed by how articulate most of these young, aspiring engineers are. As you get out into the real world, you need to present your thoughts well, reach out and network and promote — it is important to be able to differentiate yourself from others just having technical skills."

JERRY JAY FLOREY

Hall of Fame

Jerry and Mary Florey at the 1992 World Space Congress

BS Chemical Engineering '55
Retired, Senior Staff Manager,
Space Transportation Division
McDonnell Douglas | Huntington Beach, Calif.

Jerry Florey's name is engraved on the Smithsonian's National Aviation and Space Exploration Wall of Honor. His technology has been to the moon and back many times over. In his early career, he was hired by Dieter Hutzel, who was Werner von Braun's deputy in German rocket development before and during World War II.

As a young man raised in McMinnville, Ore., Florey was a 4-sport letterman in high school and fraternity vice president at Oregon State University. He went on to become an integral part of the United State's presence in space.

"I went to work in the rocket business," says Florey. "There were no advanced degrees for that. I got my training in rocket science from the Peenemunde Germans. Add that to my technical degree from Oregon State and I was able to compete with engineers from some of the country's most prestigious universities."

Florey's extensive career touched all aspects of space systems — rocket engines, launch vehicles, and satellites and their payloads. His experience includes business development, strategic planning, technical marketing, and extensive program engineering and technology contract management.

Florey is most proud of his involvement with the Apollo space program. "I contributed to the design and development of the nation's first liquid hydrogen/oxygen rocket engines used on the second and third stages of the Saturn V launch vehicle that sent men to the moon," he says. "I was on the propulsion console of all Apollo launches — but for one — at the George Marshall Space Flight Center, which provided backup support to the launch crews at Cape Canaveral (Kennedy) and the flight directors at the Houston Space Center."

Florey also served as director and chief engineer for the Rockwell International Space and Satellite Systems Division, where he managed the engineers in all the technical disciplines. "I was heavily involved in managing resources, indirect and direct budgets, independent research and development — just busy keeping the whole operation running," he says.

After a career in which 100-hour weeks were not uncommon, Florey still revels in the wonderment of the historic times in which he was involved in the space industry. "There is so much more to learn today than there was in the 1950s," he says. "When I first started, engineers were king; I could speak with my NASA counterpart, and we could negotiate a change order. This is no longer true. Based upon my experience, an up-and-coming engineer should also think about an additional business degree."

Florey is married to his college sweetheart Mary, and they enjoy extensive traveling around the world in their retirement years. "You must understand, I was working during the Cold War," he says. "Because of the classified nature of the 'black programs' in which I was involved, I was discouraged from traveling outside the country."

STEPHEN R. HAWKE

Hall of Fame

Denise and Steve Hawke at Pat O'Brien's in New Orleans

BS Electrical Engineering '71
BS Mathematics '71
Retired, Senior Vice President
Customer Service, Transmission & Distribution
Portland General Electric | Portland, Ore.

Steve Hawke enjoys interacting and serving people. Whether he is working with customers in the field, mentoring youth in athletics, or helping people in need in the community, his technical education and strong involvement in student affairs at Oregon State have served him well.

Although he was born in Walla Walla, Wash., Hawke moved frequently throughout the West as his father was transferred from job to job. When he was a sophomore in high school, Hawke's father called a family meeting to announce that he was starting his own business. He said that he could run it from anywhere in the United States and the family got to choose where they wanted to settle.

"Portland won hands down — it was the most favorite place we had lived," says Hawke. After high school, Hawke attended Oregon State University, where he obtained rigorous technical training in math and engineering. "I finished high school (in Portland) with strong interests in math and science, so it was natural to stick with an in-state engineering program."

Extra-curricular activities at the university, he says, "probably taught me as much about dealing in the world as anything else. Campus involvement, combined with the technical training I received, was absolutely the best that could happen to me."

After graduating, Hawke established a 38-year distinguished career with Portland General Electric Co., the metropolitan area's primary utility, from which he retired as senior vice president. In that position, he oversaw distribution, system planning and engineering, transmission services, customer service, customers and economic development, and a variety of utility services and energy sustainability groups.

Hawke brought the customer's point of view into the utility. "Ask the customer what they want and provide it," he says. "It was successful — we demonstrated the ability to bring the customer's view to bear with PGE, a feat that traditionally hadn't happened in the past."

While putting people first in his professional life, Hawke has also been deeply passionate about serving people in his community. He has held numerous leadership and volunteer positions in many metropolitan and regional civic groups. He served as president of the Professional Engineers of Oregon, which named him the Oregon Young Engineer of the Year in 1984 and Oregon Engineer of the Year in 2000.

None of that compares to Hawke's passionate involvement with his three children and other young athletes on the "field of battle" (as he puts it) as a coach and mentor. "Working with kids and trying to make a difference in a lot of lives was my main goal," Hawke says.

C. SCOTT HENRY III

Hall of Fame

BS Mechanical Engineering '58
MS Mechanical Engineering '59
President, Henry Estate Winery | Umpqua, Ore.

In 1972, Scott Henry began to grow grapes on 300 acres of bottomland where the Henry family had once grown orchards, row crops, and livestock feed. Today, the softly rolling foothills of the Umpqua River Valley cradle the rich farmland that is now home to Henry Estate Winery.

Some might think it's a stretch for a trained aerospace engineer to transfer his skills and knowledge to the vineyard and the crush, but Henry disagrees. "There are a lot of engineering challenges in wine-making, as in any agricultural product," Henry says. "You need to be an engineering type to make wine — it's the pure challenge of it."

Henry grew up on the farm and learned his basics in a one-room schoolhouse that sits across the road from today's winery. He excelled in math at Roseburg High School, but had no real college plans. A good friend was heading to Oregon State and encouraged Henry to come, too.

"When I got to orientation, I didn't know if I was going to gravitate toward agriculture or engineering," Henry recalls. "The deans stood up before the freshman class to describe their curriculum. Dean Gleeson from engineering — a crusty old guy — threw out the gauntlet. He had 20 students stand up, representing how many would begin in engineering. He then had 18 sit down and the two remaining, he said, were going to graduate in engineering. That was a heck of a challenge for me."

Henry went on to earn bachelor's and master's degrees in mechanical engineering with an aeronautical emphasis. He worked for 14 years for Aerojet, an aerospace company that develops missile and space propulsion technology for defense markets. It was there that a co-worker introduced him to wine through his Italian family's wine business. "Up until then, I was strictly a beer and whisky guy," chuckles Henry.

With advice and consultation on that Umpqua Valley bottomland, Henry came home to Oregon and his family planted 12 acres of varietal grapes. In 1978, he opened the winery. Today, Henry Estate Winery has 50 acres in grapes (with 200 available to plant) and produces 30,000 cases of wine annually. Henry is considered an Oregon pioneer in the field, and his operation is joined by 30 additional wineries comprising the Umpqua Valley's burgeoning wine industry.

Scott Henry III at Henry Estate Winery in Umpqua, Ore.

Along the way, Henry put his engineering degree to good use. His rich bottomland is a little too fertile for a vineyard — the vines grow wild with a verdant canopy, whereas good wines come from plants that have struggled a bit. Through sound engineering and experimentation, Henry developed a unique trellis system for his plants that opens the canopy to sun and air and forces vines down to contain their growth. The system — officially called the Scott Henry Trellis System — is known and used throughout the world in cool-climate viticulture.

DONALD C. RUSSELL

Hall of Fame

BS Civil Engineering '61
Chairman, Sheedy Drayage Co.
San Francisco, Calif.

Don Russell had two major goals when he was growing up in the Monterey Heights District of San Francisco, Calif. — to become an Eagle Scout and a civil engineer — and he accomplished both quite successfully.

Russell selected Oregon State University because of its excellent reputation as an engineering school. "It was a wonderful atmosphere of learning at a small college and in the small college town of Corvallis," says Russell. "I enjoyed the lifelong friendships I developed through the classroom and my fraternity, Alpha Tau Omega."

Russell also spent his college years mustering as a member of the ROTC (Reserve Officers' Training Corps). Upon graduation, he entered the U.S. Army's flight school and spent three years on active duty as an aviation officer.

Once he completed his tour of duty, Russell joined Shell Oil Co. while juggling Army Reserve training and night school. He earned an MBA at the University of San Francisco.

Don Russell expanded Sheedy's operations tenfold during his 20-year tenure.

"I'd always wanted to be involved in the construction industry, so I chose that career path once I got out of the Army," says Russell. "I elected to take a job in the crane and rigging industry as an engineer and combined my engineering and business education to pursue business operations rather than day-to-day engineering work."

While he was going to graduate school, Russell joined Bigge Crane and Rigging Co. as a project engineer involved with heavy hauling and heavy-lift rigging. From there, he moved to Rigging International, a startup with projects throughout North America. When Bigge absorbed Rigging International in 1984, Russell joined Sheedy Drayage Co., a family-owned firm in San Francisco, and propelled their involvement in refinery projects, seismic upgrades, and power plant turbine and generator transport and installation.

"While I was at Sheedy, I developed a unique system to easily lift and set large generators weighing up to 400 tons each into power plants," Russell says. "This system brought our company positive recognition and was copied by companies all over the world."

In 1991, Russell became president of Sheedy until his retirement in 2004, when he was appointed chairman of the board. He continues to hold the position.

"I am proud to have run a successful, profitable company for a family ownership for over 20 years," says Russell. "We expanded operations tenfold during my tenure, expanding throughout California and the Philippines."

He eventually turned the business over to younger family members, "and they are doing a great job," he says.

Russell doesn't attribute all of his success to his engineering training at Oregon State University. "Success is based on an equal amount of timing, luck, and hard work," he says.

STEPHEN S. SMITH

Hall of Fame

BS Industrial Engineering '69
Senior Managing Director
Arma Partners | Palo Alto, Calif.

Steve Smith holds an MBA ('72) from Harvard Business School, where he was a Baker Scholar. He completed his Harvard education after playing Division I golf at Oregon State University as an undergraduate — a passion that has followed him throughout his professional career.

"I played golf all four years at OSU and served as team captain my senior year," says Smith. "Some of my most valuable lifelong relationships were formed at that time, with my golf teammates and my fraternity brothers at Beta Theta Pi."

Today, Smith is a senior managing director in the Silicon Valley office of Arma Partners, a global firm that advises technology, media, and telecommunications companies on public and private mergers and acquisitions, financial restructuring, and equity capital. Previously, he served as vice chairman of Broadview International, an advisory firm that focuses on technology and media-focused mergers and acquisitions, where he played a role in developing Broadview's Silicon Valley office. He also served in senior roles at other management consulting and IT firms.

The Smith family: from left, Steve Smith, Alex Wilson (son-in-law), Kendall Wilson (daughter), Kyle Smith (son), John Webber (son-in-law) and Paula Smith (wife)

"My undergraduate education in engineering at OSU prepared me very well for graduate business school and my career in the technology industry," Smith says. "I felt completely comfortable when I was at Harvard competing with top students from all over the world."

Smith remains bullish on engineering. "OSU engineering is even stronger today," he says. "Any student considering a career in technology and business will find a terrific educational and personal development experience as a Beaver."

Besides his career accomplishments, Smith has immersed himself in civic commitments. He serves on the boards of That Man May See, which supports research in advanced diagnosis and treatment of ophthalmologic diseases at the University of California – San Francisco; the Computer History Museum; the Churchill Club; and the Silicon Valley Executive Network. He is also a 2012 recipient of the John W. Gardner Leadership Award presented by the American Leadership Forum of Silicon Valley.

Smith is one of only a few golfers in America who have competed in the national tournament for every amateur age bracket. He continues to play golf as passionately today as he did as a Beaver. The Golf Nuts Society named Smith the 2004 Golf Nut of the Year.

Smith lives in Palo Alto, Calif., with his wife Paula (OSU '68). They have two grown children; Kyle, 34, is a wine marketing executive in London, United Kingdom, and Kendall Wilson, 30, is an elementary teacher in Palo Alto, Calif.

THOMAS L. VAN WITBECK

Hall of Fame

Tom Van Witbeck raises domestic elk on his ranch near Rigby, Idaho.

BS Nuclear Engineering '70
Retired Partner, TOMA Enterprises, LLC
St. Ignatius, Mont. | Rigby, Idaho

Tom Van Witbeck spent his formative years moving from coast to coast and in between because his father's work in construction necessitated frequent moves. The family happened to be in Westminster, Colo., when Van Witbeck graduated from high school. He promptly joined the service and was accepted into the U.S. Navy Nuclear Power School.

Van Witbeck's traveling did not stop there. After a 7-year tour in the Navy that included circumnavigating the globe as part of Nuclear Task Force One and a tour in Vietnam, he and his young family headed to Corvallis, where he attended Oregon State University on the GI Bill. He joined the commissioning team for Oregon State's TRIGA Research Reactor and entered the first freshman class in the nuclear engineering program.

At the time of his graduation in 1970, veterans with technical nuclear training and a college degree were in high demand. Van Witbeck started at Westinghouse as a senior supervisory service engineer, where he participated in the commissioning of commercial nuclear reactors.

Private sector consulting was Van Witbeck's next draw as he joined the staff of a startup called Energy, Inc. Rising through the company's ranks to become the corporate vice president of plant services, he participated in or directed the establishment of four nuclear plants and the Hanford Fast Flux Test Facility.

"My most rewarding experience had to be going to Three-Mile Island two days after its historic accident," says Van Witbeck. "I was to lead the team that investigated and produced the sequence of events reports detailing the chronology of the accident. I testified at federal

hearings and served on the committee chartered to develop the methodologies to prevent future accidents."

With more than 30 years of managerial and technical experience in the nuclear industry under his belt, Van Witbeck started TOMA Enterprises and provided operations-related consulting services to nuclear facilities. He advised senior management in the recovery and restart of nuclear facilities at various national laboratories.

Along the way, Van Witbeck ranched domestic elk in his home state of Idaho. In support of the elk industry, he served as the president of the Idaho Venison Council and as a director of the North American Elk Breeders Association. He has also served on the boards of a number of humanitarian organizations, including the Tanya English house and United Way.

Upon retiring, he and his wife Mavis have traveled and spent time enjoying the grandchildren. He continues to hunt and fish, two of his passions.

EDWARD YAO-WU YANG

Hall of Fame

MS Electrical Engineering, '77
Partner, iD Ventures America, LLC
Santa Clara, Calif.
Retired, Vice President &
Chief Technology Officer
Hewlett-Packard | Palo Alto, Calif.

Ed Yang earned an undergraduate degree in electrical engineering in 1971 from National Cheng Kung University in Taiwan. It was expected within his culture and his family that he would go abroad to further his studies, so when he received a unique, full-scholarship offer from the Philips International Institute in the Netherlands, he decided to attend.

The institute was co-sponsored by Philips Electronics and UNESCO (United Nations Educational, Scientific and Cultural Organization) to bring together international students to study and carry learning and cultural understanding back to their native countries. "That was a wonderful experience for me at a time when globalization was not yet a common word," says Yang.

Yang met Robert A. Short, then chair of Oregon State's computer science department, at a conference held at the institute,

and Short convinced him of his educational potential at the university.

"My first stop in the United States was in Corvallis," says Yang. "I only spent a year there, but my wife and I loved the college town atmosphere and learning about American culture — supermarkets, drug stores, Beavers, and Ducks."

After earning a master's degree in electrical engineering, Yang was encouraged to remain at Oregon State to complete his doctoral studies, but he was eager to enter the work force. He joined Hewlett-Packard in 1977, beginning an illustrious career. At HP, he established research and development centers in Taiwan and China, developed the company's China strategy, oversaw network operations in Singapore, served as chief technology officer of HP's computing systems organization, and led the enterprise system group integration during the HP–Compaq merger in 2002.

"I was lucky to be with a single company for over a quarter of a century in many different job responsibilities," says Yang. "I had a chance to work with wonderful mentors, colleagues, and customers around the world."

The HP–Compaq merger was one of the

The Yang family vacationing in Carmel, Calif.: from left, Ed Yang, Lawrence (son) holding Lulu, Tania (daughter-in-law with future grandson Reynan), Annie (daughter), and Grace (wife).

largest in the tech world and it propelled the company high into the Fortune 500 list. "The enterprise integration with Compaq was not an easy job, but I was tremendously proud to be a part of that time in HP's history," Yang says.

Today, Yang sits on the other side of the desk as a partner in iD Ventures America, a venture capital investment firm. "I was looking for a different platform to make a contribution," says Yang. "Joining this venture fund was an interesting opportunity bringing my technical and business management experience together for United States companies."

Whether he is addressing startup companies or young Oregon State students considering a career, Yang has the same message: "Find something you are passionate about," he says. "Then work does not become a burden and you will be inspired to do well."

HARRY DEMOREST

Hall of Fame

BS Industrial Engineering '63
Retired, President and Chief Executive Officer
Columbia Forest Products
Portland, Ore. | Greensboro, N.C.

Harry Demorest turned down a Stanford University academic scholarship to attend Oregon State University on a baseball scholarship. His work on the baseball diamond developed into a lifelong love of the sport, and his work off the field led him to post-graduate studies at Purdue University, where he earned a master's degree in industrial management.

Demorest worked for the Portland office of Arthur Andersen for more than a decade, first serving as partner in charge of the tax division and ultimately as office management partner.

Demorest joined Columbia Forest Products in 1991. The company, which began operations in 1957 in Klamath Falls, Ore., is one of North America's largest manufacturers of hardwood plywood and veneer. Its products are used to build cabinets, furniture, fixtures, and other millwork for residential and commercial construction. Although he is retired from day-to-day operations, Demorest is still Columbia Forest Products' board secretary.

In 2005, Gov. Ted Kulongoski appointed Demorest to the Oregon Investment Council under the Oregon State Treasury. He has served in various leadership roles and continues to serve on the council today (his current term expires in 2014).

Demorest also has served on the boards of directors of many civic and charitable organizations, including the Portland Development Commission, Oregon Museum of Science and Industry, City Club of Portland, the Oregon Symphony, and the Oregon State University Business Advisory Council. Demorest is a former board member of Oregon Steel Mills, Inc., the Portland Mayor's Baseball Commission, and the Governor's Greater Portland Trust in Higher Education Board.

College of Engineering at a Glance

Founded in 1889, the College of Engineering has graduated more than 30,000 engineers. Numerous alumni have founded successful local, national, and international business enterprises or had major impacts on civilization through significant contributions in science and technology. For example, their achievements include inventing the first artificial heart valve, the computer mouse, and the concept of email.

The college endeavors to create solutions that promote healthy people, a strong economy, and a sustainable environment. We leverage mutually beneficial partnerships with industry, academic institutions, government, and other entities to foster collaboration; encourage synergies in teaching, research, and innovation; and strengthen Oregon's future by commercializing faculty and student inventions.

Students

(As of fall term, 2011)

Total students: 5,213

Males: 4,406

Females: 807

International: 800

Minority: 866

Undergraduate students: 4,343

Average incoming GPA: 3.64

Average incoming SAT: 1650

Graduate students: 870

Average incoming GRE: 1244

Faculty

Tenured/tenure-track: 121

Instructors: 18

Endowed positions and professorships:

- Boeing Professorship
- Construction Education Chair
- Edward's Endowed Professorship
- J & S Kuse Chair
- Kearney Endowed Professorships
- Pauling Professorship
- Schuette Chair
- Welty Professorship

Funding

Operational budget: $69.8M

Research grants: $33.6M

Annual private giving: $13.2M

Scholarship Support: $4M

Degree Programs

Undergraduate

Bioengineering
Chemical Engineering
Civil Engineering
Computer Science
Construction Engineering Management
Ecological Engineering
Electrical and Computer Engineering
Environmental Engineering
Energy Engineering Management
Industrial Engineering
International Studies
Manufacturing Engineering
Mechanical Engineering
Nuclear Engineering
Radiation Health Physics

Graduate

Biological and Ecological Engineering
Bio resource Engineering
Chemical Engineering
Civil Engineering
Computer Science
Construction Engineering Management
Electrical and Computer Engineering
Industrial Engineering
Materials Science
Mechanical Engineering
Medical Physics
Nuclear Engineering
Radiation Health Physics

RODNEY BALLARD

BS Civil Engineering '78
Vice President, Construction Testing & Engineering, Inc.
Vice President/Principal Engineer, QC Southwest Inc.
San Diego County, Calif.

Rod Ballard began his career as a geotechnical civil engineer with the United States Bureau of Reclamation (USBR) in Denver, Colo., working in the Embankment Dam Design Section. In 1982, USBR sent Ballard to Oklahoma State University to pursue a master's degree in civil/geotechnical engineering. "The knowledge I received while at Oregon State resulted in graduating at the top of my class from Oklahoma State graduate school," says Ballard.

In 1989, Ballard founded Construction Testing & Engineering, Inc., a company that provides construction quality control, geotechnical, and civil engineering services in California. In 1998, Rod and his wife Kim founded a second company called QC Southwest Inc., which provides engineering support services specific to airports and power plants.

Ballard is most proud of a significant impact his technical work provided to the City of San Diego. "In 1998, while performing geotechnical engineering investigations for high-rise structures in downtown San Diego, I discovered that the default site soil profile being used by the city was overly conservative," says Ballard.

"The ensuing reduced seismic loading saved millions of dollars in high-rise construction in the city after 1999."

JOHN D. BARTON

BS Computer Science Engineering '80
Vice President, Architecture Group
General Manager, Platform Validation Engineering
Intel Corporation | Hillsboro, Ore.

John Barton joined Intel in 1982 as a software engineer and has participated in a computing revolution during his 30-year career.

"Being on the teams that brought more computing power into an average person's pocket than was available on the entire OSU campus when I was in school has brought revolutions in virtually all human activity," says Barton.

At Intel today, Barton's group performs post-silicon validation and verification for Intel platforms, and works directly with customers and third parties to ensure that key products and technologies meet high quality standards.

"At Oregon State, I was exposed to a huge breadth of knowledge while inside and outside the classroom," says Barton. "What I didn't realize until later in my career was that I had also been taught by OSU to quickly distill problems and identify the essential facts on which a high-quality decision would hinge."

While the technical side of computer science has been his passion, Barton is also proud of the recognition that has come to Oregon's Silicon Forest. "As a 50-year resident of this state, I am pleased to be part of the team that ensures Oregon remains a vital technology center for this ongoing revolution."

JULIE A. BENTZ

BA General Science '86
Director, Strategic Capabilities Policy
National Security Staff, The White House | Washington, D.C.

Oregon National Guard Brigadier General Julie Bentz, who received an ROTC commission from Oregon State University, has risen to the top of her field as director of Strategic Capabilities Policy with the National Security Staff at the White House.

Bentz is the former civil support team science officer at the National Guard Bureau and director for response operations with the Homeland Security Council. She has been an integral part of advising the country on nuclear defense strategies and implications during the tumultuous times since Sept. 11, 2001, including last year's nuclear disaster in Japan.

"During the Fukushima Dai-ichi Nuclear Power plant crisis, I joined fellow members of the National Security Staff to work with experts to develop new guidance for 'how safe is safe', 'how clean is clean', and 'waste disposition' that is being considered for late-phase recovery protective action guidelines," says Bentz.

When Bentz was promoted to brigadier general last June, she became the first woman to achieve this level of success in the Oregon National Guard. After graduating from Oregon State, she earned master's and doctoral degrees in nuclear engineering from the University of Columbia-Missouri and an additional master's degree in national security strategy from the National War College in Washington, D.C.

RICHARD D. BRAATZ

BS Chemical Engineering '88
Edwin R. Gilliland Professor of Chemical Engineering
Massachusetts Institute of Technology | Cambridge, Mass.

While many engineers graduate to successful careers in the private sector, a select few continue on in research and teaching. Such is the case with Richard Braatz, who left Oregon State to pursue graduate studies and research at the California Institute of Technology, where he eventually earned master's and doctoral degrees.

"Oregon State's curriculum provided me strong foundations in chemistry and engineering," says Braatz. "This propelled me to excel in my graduate programs at Cal Tech and on to a research and teaching career at University of Illinois and then MIT."

Braatz's research involves the modeling, design, and control of manufacturing processes and products that arise in the pharmaceutical, chemical, and related industries. His contributions to crystallization process control and systems engineering in the pharmaceutical industry have been recognized around the country; however, he says his greatest personal achievement remains teaching.

"The most significant impact a professor can have is well-trained graduates," says Braatz. "My impact is measured by 1,000 students who have learned chemical reaction engineering, process control, and related topics, and over 40 graduate students and postdoctoral fellows whom I have supervised and mentored."

MIKE GANN

BS Chemical Engineering '89
Director, World Ahead Healthcare Program
Intel Corporation | Hillsboro, Ore.

Mike Gann paired his engineering education at Oregon State University with an MBA from the University of Oregon to bring science and technology to bear for the greater human good.

As director of Intel's forward-thinking World Ahead Healthcare Program, Gann is responsible for developing global business strategies and partnerships to improve health care access, quality, and cost in some of the world's poorest countries.

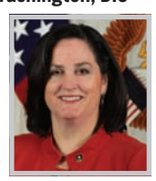
"My education gave me a solid foundation in process engineering, business consulting, technical marketing, and sales management," says Gann. "OSU also provided me with more than just an engineering degree, but rather a well-rounded education incorporating essential skills in team-based problem solving, communications, and leadership."

After brief stints at Oracle and Chevron corporations, Gann joined Intel as the director for High Performance Computing and Life Sciences. His current position, however, places him in a global arena, where Intel is committed to bringing low-cost health care to those in need.

"We've made a commitment to help governments train one million front-line health care workers by 2015 through the use of information and communication technologies," says Gann. "We are confident that better trained health care workers will lead to better health for women and children in underserved regions."

KATHERINE DELLETT HAMMACK

BS Mechanical Engineering '81
Assistant Secretary of the Army Installations, Energy and Environment
Department of Defense, United States Army | Washington, D.C



Katherine Hammack spent the first three decades of her career in the private sector as an energy and sustainability consultant. More recently, she was a leader in climate change and sustainability services at Ernst & Young, and is a founding member of the U.S. Green Building Council in Washington, D.C.

Hammack's life changed dramatically on June 28, 2010, when President Barack Obama appointed her as Assistant Secretary of the Army for Installations and Environment.

"I have policy and oversight for small forward operating bases in Afghanistan to large permanent bases in Texas," says Hammack. "These are cities in which our soldiers and families live and work. With over 15 million acres of land and almost one billion square feet of buildings, my engineering and sustainability education enables me to ensure that the Army appropriately stewards our nation's resources."

After graduating from Oregon State, Hammack earned an MBA in marketing from the University of Hartford. "Oregon State gave me the foundation to work in a collaborative team environment," says Hammack. "Teams made up of individuals from different backgrounds, cultures, and interests opened my eyes to alternatives. The more diverse the team, the better the decisions."

Academy of Distinguished Engineers (continued)

RICK S. HEATH

BS Nuclear Engineering '91
BS Health Physics '91
Director, Business Development
AREVA Federal Services | Kennewick, Wash.

Rick Heath left Oregon State University well equipped to tackle the complicated facets of the Hanford Nuclear Reservation in the Tri-Cities area of Washington. He started his professional journey at Siemens Power Corporation as a fuel management engineer with responsibility for nuclear fuel assembly and core design for fuel contract obligations.

"My degree from Oregon State proved to my future employer that I could learn and learn well," says Heath.

After a brief stint with Framatome ANP as a senior engineer, Heath has spent the past decade with AREVA Federal Services, a branch of AREVA North American that combines capabilities, technologies, and resources from multiple AREVA companies to serve the United States Department of Energy and its subcontractors in all phases of the nuclear fuel cycle.

Today, Heath directs business development efforts to leverage AREVA's global capabilities at the Hanford Nuclear Reservation and other government facilities. He manages relationships with communities, small businesses, and other Hanford partners.

Heath also spends time serving his community as a volunteer staff member at Skyland Ranch, a nonprofit, long-term drug and alcohol recovery facility for men in Gold Bar, Snohomish County, Wash.

RON KHORMAEI

BS Electrical Engineering '88
MS Electrical Engineering '89
PhD Electrical Engineering '95
General Manager, Lensbaby, LLC | Portland, Ore.

Ron Khormaei has put his three degrees from Oregon State University to excellent use at the companies for which he has worked and the public and industrial consumers that benefit from the resulting products. He has seven United States patents and more than 30 publications under his belt.

From his initial research work with thin-film electroluminescence displays to his leadership role in high speed advanced printers, Khormaei's ground-breaking research has provided the imaging field with novel approaches and innovative products with strong market impact.

Khormaei's leadership and innovation at HP helped bring about product growth of 300 percent in one division within five years. His team introduced a new printer family, which is more than five times faster than any previous similar inkjet printers on the market. He is now at Lensbaby, the only United States manufacturer of lenses for single-lens reflex cameras, and the company is growing in revenue by 35 percent annually. Khormaei has expanded his impact through management consulting and as an adjunct professor.

"My Oregon State education had three key impacts on my personal and professional growth," says Khormaei. "It provided a solid technical foundation; a chance to develop, interact and deliver in teams; and lifelong friendships with mentors and classmates."

LEONARD WEITMAN

BS Industrial Engineering '78
Vice President, Technical Operations
BendBroadband | Bend, Ore.

After a lengthy career in Oregon's Silicon Forest, working for companies such as Tektronix, Inc., Mentor Graphics Corp., and Applied Materials, Inc., Leonard Weitman is finally seeing a little more sunlight through the trees in his new position with BendBroadband in Central Oregon.

After graduating from Oregon State, Weitman earned a master's degree in engineering management from Portland State University. Now, as vice president of technical operations, Weitman manages 83 people in data center operations, where his group implements design, construction, installation, maintenance, and delivery of high-speed broadband services to customers.

"Oregon State provided me the skills and the confidence to approach any problems, no matter how large. Repeatedly throughout my career, I have been placed in situations where people were not clear about the goals at hand nor their accomplishment," says Weitman. "In each case, I've been able to sort through technical and human issues, provide clear direction, and accomplish unexpected success, resulting in greater profitability for my employer."

Weitman is a published management engineer with a lifelong joy of helping others understand technical topics, which he fulfilled as an instructor at Portland Community College for 15 years.

Council of Outstanding Early Career Engineers

DEREK BRICE

BS Nuclear Engineering '95
MS Nuclear Engineering '98
Attorney, Balch & Bingham, LLP | Birmingham, Ala.

Derek Brice chose to major in nuclear engineering at Oregon State University after reading engineering disciplines descriptions in the World Book Encyclopedia. He was fascinated by the potential of nuclear fusion to provide electricity for centuries with little environmental impact.

After graduation, Brice worked at both of the commercial nuclear power plants in the Northwest: Portland General Electric's Trojan Nuclear Plant and Energy Northwest's Columbia Generating Station in Richland, Wash.

"My engineering education at Oregon State taught me how to solve problems in an organized and disciplined way," says Brice. He went on to earn a master's degree in business and technology management from Washington State University in 2002.

After earning his law degree from the University of Southern California in 2005, Brice practiced patent litigation with two prominent international firms in Los Angeles, Calif., and Houston, Texas.

Brice now works in the energy group at the law firm of Balch & Bingham, where he is part of the team that supports clients in nuclear licensing, commercial, and litigation matters, including the licensing of the first commercial reactor approved for construction in the United States in more than 30 years.

STACY J. FROST

BS Civil Engineering '01
Senior Engineer
Maul Foster & Alongi, Inc. | Vancouver, Wash.

By emphasizing environmental engineering during his education, Stacy Frost entered the new millennium ready to seize opportunities when he graduated from Oregon State. "In my field, OSU is recognized as a top-notch university and being an alumnus has opened many doors," says Frost.

Frost increased his chances of success by getting heavily involved with the student chapter of the American Society of Civil Engineers (ASCE). "After serving as vice president and president of the OSU/ASCE student chapter, I became very active in the organization at the state, regional, and national level," he says.

Frost believes that the most significant impact he can have on his profession is to promote it. "I'm proud to be a civil engineer and enthusiastic about increasing the public's awareness of the importance of the work that civil engineers do," he says. Because the nation's infrastructure is aging, Frost sees a great need for civil engineers, and he takes pride in mentoring primary, secondary, and college-level students about engineering.

After spending a decade at HDJ Design Group in Vancouver, Frost recently joined Maul Foster & Alongi, Inc., as a senior engineer in business development and project management.

ANDREW HILL

BS Mechanical Engineering '00
Lead Mechanical Engineer
Microsoft Corporation | Redmond, Wash.

Andrew Hill, an Oregon State graduate who also earned a master's degree in mechanical engineering from the University of California at Berkeley, is now a lead mechanical engineer at Microsoft, where he collaborates closely with industrial designers, researchers, electrical and software engineers, and manufacturing partners around the world to bring hardware devices to market.

"To me, product development is the perfect set of problems — the interplay among business, technology, and customers is endlessly fascinating," says Hill. "The dynamics of navigating through these problems with a team is tremendously interesting and presents me with new challenges every day."

Hill continually draws on his experience with Oregon State's Industrial Assessment Center, where he helped provide energy, waste, and productivity assessments for small and medium-sized firms. In post-graduate work, he spent six years at Xerox Corporation as a mechanical designer and systems engineer before joining Microsoft. "I have been fortunate to work with innovative people on great products while at Xerox and Microsoft," says Hill. "The products I have helped ship have done great things for customers and their businesses, and that is pretty rewarding."

RANDY HOFFMAN

BS Electrical Engineering '00
MS Electrical Engineering '02
Senior Engineer
Hewlett-Packard Company | Corvallis, Ore.

Randy Hoffman's master's research at Oregon State University led to the invention of a family of oxide semiconductor-based thin-film transistors (TFT). He carried this new technology with him to Hewlett-Packard, where he continued to develop it in collaboration with the university.

"The timing of this invention aligned nicely with a major need in the flat panel display industry to move from amorphous silicon-based TFT backplanes to a higher-performance TFT device," says Hoffman. "The opportunity to participate in the development of new semiconductor device technology from invention in the labs of Oregon State through commercialization in the flat panel display industry has been tremendous, and is an exemplary picture of constructive collaboration between academics and industry."

Hoffman's graduate work in the integration and device physics of oxide semiconductor-based thin-film transistors produced several publications and the first in a series of foundational patents in this new field. He now holds more than 40 U.S. patents.

"The research facilities in the School of Electrical Engineering and Computer Science provided a great deal of freedom to explore tangential ideas and concepts and was a key factor in my discoveries," says Hoffman. "Co-location and a strong working framework with Hewlett-Packard provided an ideal transition from academia to industry."

BRYAN D. KIRKPATRICK

BS Nuclear Engineering '94
Attorney/Partner, Stolowitz Ford Cowger LLP | Portland, Ore.

After graduating from Oregon State University, Bryan Kirkpatrick took a decade-long break from education to work as a stability system analyst, mechanical engineer, and intellectual property manager for NACCO Materials Handling Group, a global forklift manufacturing company.

His work on intellectual property at NACCO piqued his interest in legal matters and allowed him to concurrently attend Northwestern School of Law at Lewis and Clark College and earn a Doctor of Jurisprudence in 2001.

Today, Kirkpatrick provides legal advice and manages patent portfolios for clients ranging from established industry leaders to cutting-edge startups. He is currently representing Oregon State University as patent counsel for a number of inventions related to the production of nuclear energy and the generation of medical isotopes.

"My degree from Oregon State translated well into other types of engineering work in which I became engaged," says Kirkpatrick. "Over the past few years, I have had the great pleasure to work with OSU professors and graduate students in obtaining patent protection for a number of inventions, including a next-generation nuclear reactor system that is currently in the process of getting certification from the United States Nuclear Regulatory Commission."

ALEX POLVI

BS Computer Science '07
Director of Bay Area Operations
Rackspace | San Francisco, Calif.

As one of the College of Engineering's youngest recipients of an Oregon Stater Award, Alex Polvi has packed a lot into a quarter of a century. His work as one of the founders of the Open Source Education Lab on campus helped garner Polvi coveted internships and jobs after graduation.

"The Open Source Lab was by far the most valuable part of my experience at Oregon State," says Polvi. "It just really set my career up for all sorts of things — Mozilla, Firefox, Google."

But Polvi wasn't satisfied to work with some of the world's largest search engine companies. In December 2008, he and two fellow Oregon State graduates (with help from Silicon Valley incubator Y Combinator) launched Cloudkick, an Internet cloud server management and monitoring system. In less than a year, the company had grown to 12 employees, half of which were Oregon State graduates. After two years, the company was acquired by Rackspace, one of the nation's top players in cloud computing.

"Job creation was definitely the most satisfying element of my work on Cloudkick," says Polvi. "After starting a company, we created dozens of jobs and hired a ton of OSU grads along the way."

BRIAN HALES TIMMINS

MS Environmental Engineering '01
Director, ETEC LLC | Portland, Ore.

Brian Timmins began his quest to leave the Earth a better place at the University of Florida, where he did his undergraduate work. From researching sources of mercury in Florida medical waste incinerators to analyzing sediment and water quality in Colorado, Timmins has made his way across the country in an environmental quest to help clean up the planet.

As a graduate student and researcher at Oregon State, Timmins worked on definitive research affecting bioremediation — the use of microorganism metabolism to remove pollutants from contaminated material.

"My education at Oregon State provided me with the conceptual understanding of environmental engineering practices and the opportunity to apply that knowledge in the field," says Timmins. "Studying concepts is first and foremost, but applying them in an open system is what solidified my understanding of the science."

Today, Timmins is a director at ETEC, a nationwide environmental services provider dedicated to delivering innovative, cost-effective solutions to environmental problems using advanced treatment technologies.

"We have been able to show how rapid and cost-effective bioremediation is compared to other remedial alternatives," Timmins says. "Based on OSU/Stanford research, we have implemented a new approach capable of remediating impacted sites in less than a few years."

J.D. VETTER

BS Construction Engineering Management '97
BS Business Administration '97
Executive Vice President
Kiewit Building Group, Inc. | Arlington, Va.

J.D. Vetter came to Oregon State University on a full basketball scholarship, lettering in all four years and culminating his athletic career by receiving the Most Valuable Player Award in his senior year. Off the court, Vetter was also an academic powerhouse, leaving Oregon State with undergraduate degrees in both engineering and business.

"Professionally, the most significant impact my OSU education provided me was to develop a 'pay-it-forward' mindset in everything I do — to continuously strive for improvement and excellence," says Vetter. "Personally, my OSU education gave the opportunity for me to meet my wife Cassie in our College of Engineering classes."

Upon graduation, Vetter began his professional career in the Northwest offices of Montgomery Watson Americas, a global leader in wet infrastructure engineering. He joined Kiewit in 1998, where he worked on the Nike World Campus Project in Oregon and several landmark construction projects in Denver, Colo. He currently is working on the East Coast, overseeing three of Kiewit Building Group's area offices. "I am proud of the attention our company gives to alternative project deliveries and unique project procurement models," says Vetter.

IAN C. WENDLER

BS Industrial & Manufacturing Engineering '00
Director of Research, Development & Strategic Sourcing
Warn Industries, Inc. | Clackamas, Ore.

Ian Wendler firmly believes that people are the difference between success and failure. His people-driven leadership strategies helped him successfully earn an engineering degree from Oregon State and an MBA from George Fox University ('04).

"Leadership, exposure, and trust were the most significant impacts my Oregon State education had on me," says Wendler. "My experiences with MECOP (Multiple Engineering Cooperative Program), student government, and as a college ambassador and teaching assistant all prepared me for leadership. OSU's commitment to work-ready graduates comes down to building good leaders and entrusting them with the world's challenges."

In addition to a stint with RadiSys Corporation, Wendler has been professionally affiliated with Warn Industries since his internships with the company. He now provides leadership and direction to a global team that is creating solutions to market challenges. He has remained actively involved with MECOP, serving in numerous leadership positions, including chair of the board.

"The innovation, value, and contribution that surround me have all come from people and teams that I have had the opportunity to lead," says Wendler. "I try every day to create that early OSU experience of trust — encouraging people to take on the world's challenges."

PREVIOUS AWARD WINNERS

Engineering Hall of Fame

Award Winner	Year of Induction
Al Hundere (BS ME 1938)	1998
Arthur E. Hitsman (MS ME 1950)	1998
Bruce E. Hofer (BS EE 1970)	1998
Cecil W. Drinkward	1998
Chih H. Wang (PhD 1950)	1998
Conde B. McCullough	1998
Craig Wohlgemuth	1998
Dale Pence	1998
Donald S. Trent (BS AgE 1962, MS ME 1964, PhD ME 1972)	1998
Douglas C. Engelbart (BS EE 1948)	1998
Edward C. Lynch	1998
Edwin Hunt (MS ME 1946)	1998
Eugene C. Starr (BS EE 1923)	1998
Fred Merryfield (BS CE 1923)	1998
Fredrick J. Burgess, Fifth Dean (BS CE 1950)	1998
George Kenneth Austin (BS IE 1954)	1998
George W. Gleeson, Fourth Dean (MS ChE 1934)	1998
Glenn W. Holcomb (MS CE 1931)	1998
Grant A. Covell, First Dean	1998
H. A. "Andy" Andersen	1998
Harry S. Rogers, Second Dean	1998
Holly A. Cornell (BS CE 1938)	1998
Jack E. Thomas (BS ME 1954)	1998
James C. Howland (BS CE 1938)	1998
James S. Marsh (BS CE 1937)	1998
James W. Poirot (BS CE 1953)	1998
Jerry Franciscovich (BS EE 1952)	1998
John A. Young (BS 1953)	1998
John Owen, Sixth Dean	1998
John R. Holmquist (BS EE 1951)	1998
Kazuyoshi Kawata (BS CE 1949)	1998
Larry Chalfan (MS EE 1969)	1998
Linus C. Pauling (BS ChE 1922)	1998
Marion E. Carl (BS ME 1938)	1998
Marion T. Weatherford (BS IA 1930, MS IA 1938)	1998
Mark K. Miller (BS ME 1948)	1998
Martin N. Kelley (BS CE 1950)	1998
Milosh Popovich (BS ChE 1939, MS ME 1941)	1998
Milton Harris (BS ChE 1926)	1998
Natale B. Giustina (BS ME 1941)	1998
Octave Levenspiel (MS ChE 1949, PhD ChE 1952)	1998
Richard H. Dearborn, Third Dean	1998
Richard W. Boubel (MS ME 1954)	1998
Robert C. Wilson (BS CE 1950)	1998
Robert D. Cess (BS ME 1955)	1998
Robert S. Proctor (BS ME 1947, MS ME 1949)	1998
Robert W. Lundeen (BS ChE 1942)	1998
Rudolf S. Engelbrecht (PhD EE 1979)	1998
Samuel H. Graf (BS EE 1907, BS ME 1908, MS EE 1908, MS ME 1909)	1998
Thomas Burke Hayes (BS EE 1938)	1998
W. Bruce Morrison (BS ME 1934)	1998
Waldo G. Magnuson (PhD EE 1966)	1998
Wayne W. Bostad (BS ME 1959)	1998
William A. Mittelstadt (BS EE 1966, MS EE 1968)	1998
William T. Peckham (BS CE 1948)	1998
Alexander Kent Davidson (BS ME 1957)	1999
Andrew V. Smith (BS EE 1950)	1999
Charles E. Wicks (BS ChE 1950)	1999
Darrell W. (Chuck) Halligan (BS CE 1952)	1999
Donald F. Hays (MS ME 1952)	1999
Earl C. Reynolds Jr. (BS CE 1947)	1999
Edwin J. Stastny (BS AgE 1938)	1999
Howard D. Eberhart (BS CE 1933, MS CE 1935)	1999
Jack L. Kerrebrock (BS ME 1950)	1999
Jackson Graham (BS CE 1936)	1999
James G. Knudsen (PhD ChE 1950, Michigan)	1999
James L. Riggs (MS ME 1958, PhD ME 1962)	1999
James R. Kuse (BS ChE 1955)	1999
James R. Welty (BS ME 1954, MS ME 1959, PhD ChE 1962)	1999
John D. Caplan (BS ChE 1949)	1999
John Harrison Belknap (BS EE 1912)	1999
Miles Lowell Edwards (BS EE 1924)	1999
Percy H. McGauhey (BS CE 1927)	1999
Perry Walter Pratt (BS ME 1936)	1999
Ralph S. Gens (BS EE 1949)	1999
Rex A. Elder (MS CE 1942)	1999
Richard S. Nichols (BS EE 1949)	1999
Robert Adams (BS CE 1948)	1999
Robert L. Polvi (BS 1956, MS 1958)	1999
Ronald T. Miller (BS ME 1942)	1999
Stephen Oswald Rice (BS EE 1929)	1999
Wanda Munn (BS NE 1977)	1999
Wilfrid Estill Johnson (BS ME 1930, MS ME 1939)	1999
William E. Cooper (BS ME 1947, MS ME 1948)	1999
William H. Huggins (BS EE 1941, MS EE 1942)	1999
Zed J. Atlee (BS EE 1929)	1999
Charles C. Bayles (BS CE 1936)	2000
Eugene F. Grant (BS EE 1941, MS EE 1942)	2000
James D. Nordahl (BS IE 1949)	2000
Jean McGlenn Richardson (BS CE 1949)	2000
John A. "Jack" Talbott (BS ME 1949)	2000
John H. Lienhard IV (BS ME 1951)	2000
LaMont Matthews (BS ME 1956)	2000
Milton R. Smith (MS EE 1969)	2000
Sidney S. Lasswell Jr. (BS CE 1949)	2000
Carl L. Urben (BS ME 1958)	2001
Henry W. Schuette (BS ME 1950)	2001
J. Jack Watson (BS IA 1950)	2001
Lee S. Ting (BS EE 1965)	2001
Lee W. Kearney (BS CE 1963)	2001
Lewis N. Spencer (BS CE 1949)	2001
Paul H. Emmett (BS ChE 1922)	2001
Ralph I. Larsen (BS CE 1950)	2001
Robert B. Johnson (BS EE 1968)	2001
Robert C. Alton (BS ME 1964)	2001
Tommy W. Ambrose (PhD ChE 1957)	2001
Douglas P. Daniels (BS CE 1960)	2003
H. Dean Papé (BSME 1943)	2003
James B. Johnson	2003
James R. Street	2003
John A. Schnautz (PhD ChE 1958)	2003
Orin F. Zimmerman (BS EE 1947)	2003
Paul I. Anderson (BS ME 1956)	2003
Robert E. Barber (BS ME 1957)	2003
Ronald K. Hanson (BS ME 1961)	2003
Seichi Konno (BS CE 1953)	2003
Adam Heineman (BS CE 1949)	2004
August D. Benz (BS ChE 1954)	2004
Chun Chiu (MS EE 1969)	2004
Fred M. Briggs (BS EE 1971)	2004
Galen Ho (BS EE 1968)	2004
Harold D. "Hal" Pritchett (BS CE 1957, MS CE 1961)	2004
Jack Meredith (BS ME 1961, BS Mathematics 1961)	2004
Kenneth M. Wightman II (BS Forest Eng. 1968)	2004
Pala Sookawesh (MS IE 1969)	2004
Raymond E. Southwell (BS ChE 1950)	2004
Richard S. Reid (BS ME 1962, MS ME 1965)	2004
Robert E. Wilson (BS ME 1955, PhD ME 1963)	2004
Robert W. Morrison, Jr. (BS ME 1968)	2004
Stephen A.D. Meek III (BS EE 1950)	2004
Theron M. Bradley, Jr. (BS Physics 1967, BS Mathematics 1969)	2004
Thomas M. West (PhD IE 1976)	2004
Donald E. Guinn (BS CE 1954)	2005
Elizabeth Juckeland Carrell (BS ME 1959)	2005
Frank E. Block (BS ChE 1949)	2005
Henry Oman (BS EE 1940, MS EE 1951)	2005
Louis L. Mace (BS CE 1959)	2005
Niels Reimers (BS BA ME 1956)	2005
Peter E. Johnson (BS ChE 1955)	2005
Phillip L. Cole (BS CE 1947)	2005
Ralph R. Peterson (BS CE 1969)	2005
Raymond K. Asbury (BS Physics 1974)	2005
Raymond L. Chalker (BS CE 1954; MS CE 1955)	2005
Walter Plywaski (BS EE 1957)	2005
Bernard A. "Bud" Ossey (BS CE 1943)	2006
Chao Chen Mai (MS EE 1964)	2006
Frank Biasca (BS ChE 1941)	2006
George B. Cox (MS Ed 1940)	2006
George Reed (BS AgE 1968)	2006
Hiro Moriyasu (BS ME 1958, MS EE 1969)	2006
John Loosley (BS CE 1949)	2006
Paul Lorenzini (PhD ME 1970)	2006
Rex Smith (BS EE 1971)	2006
Dale R. Laurance (BS ChE 1967)	2007
David Schlegel (BS AE 1950)	2007
Donald B. Mausshardt (BS CE 1959, MS CE 1960)	2007
Dwayne L. Foley (BS ME 1967)	2007
Jay A. Mackie (BS ChE 1961)	2007
Keith K. Slack (BS EE 1963)	2007
Kenneth F. Durant (BS CE 1961)	2007
Michael S. Inoue (MS IE 1964, PhD IE 1967)	2007
Steven J. Campbell (BS EE 1963)	2007
William M. Jabs (BS CE 1969)	2007
Charles W. Lacey (BS CE 1951)	2008
Edward J. Swenson (MS EE 1967)	2008
Greggory L. Nesbitt (BS ME 1958)	2008
James C. DeBroekert (BS EE 1952)	2008
Jerry E. Swiggett (PhD ChE 1968)	2008
Michael A. Sharp (BS ChE 1974)	2008
Michael R. Gaulke (BS EE 1968)	2008
Norm McKibben BS CE 1959)	2008
Richard B. Evans (BS IME 1969)	2008
Richard B. Stout (PhD NE 1972)	2008
Rodney M. Boucher (BS EE 1965)	2008
Roger Gohrband (BS ChE 1951)	2008
Terry W. Baker (BS ME 1963)	2008
Carroll E. Page (BS IE 1950)	2009
Darry Callahan (BS ChE 1964)	2009
Frank J. Dudek (MS CE 1976)	2009
Greg P. Merten (BS EE 1968)	2009
Jackson Wong (BS ME 1958; MS ME 1959	2009
Jean Watson (BS ChE 1971)	2009
Junku Yuh (MS ME 1982; PhD ME 1986)	2009
Larry Watson (BS ChE 1971)	2009
Pat J. Connolly (BS ME 1968)	2009
Ramesh C. Malhotra (BS CE 1956)	2009
Robert M. Bonney (BS CE 1941)	2009
Ronald D. Arps (MS EE 1963)	2009
Christopher I. Grimes (BS NE 1971)	2010
Husnu M. Ozyegin (BS CE 1967)	2010
Max J. Clausen (BS NE 1970)	2010
Robert C. Hall (BS CEM 1971)	2010
Robert F. Olsen (BS CE 1971)	2010
Roy L. Rogers (BS EE 1956)	2010
Timothy W. Wong (BS ME 1976)	2010
William "Bill" H. Tebeau (BS ChE 1948)	2010
Bert Loughmiller (BS CE 1964)	2011
Bill Morse	2011
Dan Keuter (BS NE 1973)	2011
Elmond Decker (BS EE 1951)	2011
Frank Morse (MA Gen. Studies 1970)	2011
Jonathan Morse (BS CEM 1970)	2011
Lewis A. Frederickson (BS ChE 1957)	2011
Robert Wallace Thresher	2011
Rudolph J. Frank (MS EE 1970, PhD EE 1972)	2011
Stanley K.S. Cheng (BS ME 1971)	2011

Academy of Distinguished Engineers

Award Winner	Year of Induction
Duane Wallace (BS IE 1979)	1998
Edward J. Swenson (MS EE 1967)	1998
Gary L. Yancey (BS EE 1967)	1998
Harry R. Anderson (MS EE 1985)	1998
James R. Plasker (MS CE 1973)	1998
Jay N. Wilt (BS IE 1975)	1998
Jean C. Watson (BS ChE 1971)	1998
Jeffrey D. Peace (BS ME 1973)	1998
M. Craig McKibben (BS CS 1969)	1998
Mark S. Childs (BS IME 1978)	1998
Paul G. Lorenzini (PhD NE 1970)	1998
Peter E. Johnson (BS ChE 1955)	1998
Ralph R. Peterson (BS 1969)	1998
Richard B. Stout (PhD NE 1972)	1998
Richard Kaplan (BS CS 1985)	1998
Walter W. Laity (PhD ME 1977)	1998
William D. Byers (BS ChE 1973)	1998
William L. Reiersgaard (BS ME 1960)	1998
William M. Jabs (BS CE 1969)	1998
Amir Faghri (BS ME 1973)	1999
Andrew D. Bartmess (BS IME 1982)	1999
Brian T. Laine (BS CS 1975)	1999
Dale R. Laurance (BS ChE 1967)	1999
Darald (Darry) Callahan (BS ChE 1964)	1999
David P. Nicoli (BS CE1979)	1999
Donald R. Pettit (BS ChE 1978)	1999
Gregory P. Merten (BS EE 1968)	1999
Louis A. Licht (MS AgE 1978)	1999
Mark A. Lasswell (BS CS 1976, MS CS 1978)	1999
Marvin E. LaVoie (BS EE 1974)	1999
Randy McCourt (BS CE 1978)	1999
Richard K. Gardner (BS IE 1979)	1999
Robin L. Feuerbacher (BS NE 1974)	1999
Thomas C. Madsen (BS ME 1969)	1999
Thomas D. McGaw (BSME1972)	1999
Timothy S. Leatherman (BS ME 1970)	1999
Dan R. Keuter (BS NE 1973)	2000
David E. Isett (BS IE 1978)	2000
Gary S. Nuss (BS AgE 1980, MS AgE 1982)	2000
Giuseppe Cerbone (PhD CS 1992)	2000

Award Winner	Year of Induction
Jack Hurt (BS ME 1971; MS ME 1972)	2000
Jeffrey A. Coe (BS ChE 1974)	2000
Jeffrey B. Bradley (BS CE 1975; MS CE 1977)	2000
Keith C. Kullberg (BS EE 1978)	2000
Lane C. Wickwire (BS ME 1961)	2000
Lori A. Craven (BS CS 1979)	2000
Maurice E. Gunderson (BS ME 1974, MS ME 1976)	2000
Max J. Clausen (BS NE 1970)	2000
Robert M. "Mike" Phelps (BS CE 1976)	2000
Ronald K. Hanson (BS 1961)	2000
Alfred J. McSwain (BS ME 1964)	2001
Cleora F. Raulerson (BS CS 1976)	2001
David Hackleman (BS EE 1973)	2001
DeQian Wang (MS AgE 1987, PhD ME 1990)	2001
Gary Hall (BS ChE 1969)	2001
Jack W. Lentsch, (BS Chem 1965, MS Radiation Physics 1966)	2001
Jen-Hsun Huang (BS EE 1984)	2001
Michael J. Schaer (MS ChE 1962, PhD ChE 1965)	2001
Patrick R. O'Brien, (BS CEM 1973)	2001
Richard B. Evans (BS IE 1969)	2001
Robert G. Jossis (BS CE 1970)	2001
Timothy W. Tong (BS ME 1976)	2001
Chane C. Cullens (MS CS 1984)	2003
Dale K. Atkinson (BS NE 1978)	2003
David R. Hatch (BS CE 1976, MS CE 1978)	2003
Gary Kaleta	2003
Gary W. McNair (BS, MS, PhD, NE 1983)	2003
Gregory E. DiLoreto (BS CE 1976)	2003
John T. Myers III (BS ME 1970)	2003
Jon S. DeVaan (BS CS 1985)	2003
Landis D. Kannberg (PhD ME 1976)	2003
Mark A. Christensen (BS IE 1982)	2003
Michael A. Van Buskirk (BS EE 1977)	2003
Michael D. Brady (PhD ChE 1968)	2003
Michael G. West (BS EE 1980)	2003
Randal Conrads (BS IE 1972)	2003
Ronald A. Dilbeck (BS EE 1975)	2003
Terry C. Valenzano (BS CE 1967)	2003
Catherine M. Nelson (BS CE 1982)	2004
David J. Brown (MS EE 1983)	2004
Huei Liang (William) Chang (BS EE 1981)	2004
J. Craig Dutton (MS ME 1975)	2004
James A. Johnson (BS IE 1984)	2004
James L. Buelt (BS ChE 1975)	2004
Jeffrey E. Klemann (BS ME 1984)	2004
Kyle Doyel (BS ChE 1980, BS Bus Admin 1980)	2004
Michael W. Cappiello (BS NE 1974)	2004
Susanna M. Laszlo (BS CE 1983, BS Forest Eng. 1983)	2004
William A. "Bill" Sundermeier (BS CS 1985)	2004
Barry J. Winstead (BS ME 1980)	2005
Denise J. Ecklund (PhD CS 1987)	2005
Edward A. Froese (BS EE 1972)	2005
J. Scott Carr (BS CS 1984)	2005
James W. Pond Jr. (MS IME 1971)	2005
Jay L. McQuillen Jr. (MS CE 1986)	2005
Jeffrey A. Benjamin (BS NE 1985)	2005
Kay E. Altman (BS ChE 1987)	2005
Norkun Sitthiphong (MS ME 1977, PhD ME 1981)	2005
Randall L. Smith (BS CE 1977)	2005
Richard R. Duncombe (BS EE 1981)	2005
Roger M. Nielsen (BS IME 1983)	2005
Thomas R. McKinney (BS ChE 1973)	2005
Walter R. Gamble (BS CEM 1969)	2005
Abhi Y. Talwalkar (BS EE 1986)	2006
Ahmed Abdel-Warith (PhD 1990)	2006
Chaur-Fong Chen (MS AE 1989, PhD CE 1992)	2006
David Allstot (MS EE 1974)	2006
David Browning (BS ME 1986)	2006
J. Gary Lanthrum (BS NE 1975, MS NE 1978)	2006
Manuk Colakyan (MS ChE 1980, PhD ChE 1985)	2006
Mary Mollison Coucher (BS ChE 1984)	2006
Maryam Aghamirzadeh (BS EE 1981)	2006
Mo Jamshidi (BS EE 1977)	2006
Sadanand Patil (MS ChE 1981)	2006
Scott Williams (BS CEM 1974)	2006
Stephen Mara (BS CE 1982)	2006
Tony S. Keller (BS GE 1978)	2006
Anton T. Skoro (BS CEM 1981)	2007
Barry Rahimian (BS ME 1986)	2007
Carmen Tseng (BS EE 1983)	2007
Catherine Mater (MS CE 1984)	2007
Craig L. Overhage (MS EE 1989)	2007
David F. Skillern (BS Bus & Tech 1976)	2007
Douglas J. Tindall (BS CE 1978)	2007
James D. Rise (BS ME 1986)	2007
Joseph P. Danko (MS ChE 1985)	2007
Kevin W. Clarke (BS EE 1988)	2007
Michael C. Park (BS CS 1980)	2007
Parke D. Ball (BS CEM 1977)	2007
Pradip Banerjee (MS EE 1983)	2007
Roderick J. Ray Jr. (BS ChE 1979)	2007
Steven L. Stockton (BS CE 1971)	2007
Timothy A. Dunn (BS EE 1988)	2007
Timothy L. Weber (BS ME 1986, PhD ME 1991)	2007
W. Louis Peterson (BS NE 1984)	2007
William J. Roesch (BS EE 1981)	2007
William O. Nicholson (BS NE 1980)	2007
Allen G. Crouch (BS CS 1986)	2008
David G. Rynders (MS RHP 1997)	2008
Direk Lavansiri (PhD CE 1977)	2008
George D. Rose (MS Math 1972, PhD 1976)	2008
Grant M. Yoshihara (BS NE 1978,MS NE 1980)	2008
Janet L. Redmond (BS AE 1985)	2008
Jay C. Eisenlohr (BS ME 1977)	2008
John E. Macnab (BS AgE 1975, MS AgE 1976)	2008
Kheng-Joo Khaw (BS ECE 1982)	2008
Loren K. Brown (BS CEM 1977)	2008
Mohammad Faghri (PhD ME 1973)	2008
Paula J. Hammond (BS CE 1979)	2008
Randy L. Schussler (BS IE 1987)	2008
Saeed A. Kazmi (MS EE 1976)	2008
Scott A. Stevenson (BS ChE 1982)	2008
Shane D. Wall (BS CpE 1988)	2008
Ajit G. Rode (MS EE 1976; PhD EE 1978)	2009
Andly LaFrazia (BS IME 1987)	2009
Cheryl L. Britton (BS CS 1977)	2009
Christopher Gesh (BS NE 1988)	2009
Dan L. Kavanaugh (BS CEM 1982)	2009
Darrell A. Teegarden (BS ChE 1980)	2009
Donald R. Chambers (BS Eng. Phys. 1973)	2009
Gayle D. Harley (BS CE 1973)	2009
Howard C. Yang (MS EE 1987; PhD EE 1990)	2009
Jay C. Compton (BS CEM 1979)	2009
Jeff Ammon (BS NE 2001)	2009
John Barneson (BS IME 1998)	2009
Kelton M. Peery (BS ME 1972)	2009
Mark Frank Madison (BS AE 1979)	2009
Michael D. Miles PE (BS ME 1980)	2009
Mitch Nichols (MS Industrial Education 1981)	2009
Nivruti Rai (MS IE 1993)	2009
Robert Lee Cheatham (BS EE 1978)	2009
Suzanne Townsen (BS CE 1977, MS CE 1986)	2009
Taymoor Arshi (PhD CS 1982)	2009
William R. McHolick (BS ChE 1980)	2009
Abdulla A. Al-Joaib (BS CE 1989, MS CE 1990, PhD CE 1994)	2010
Daniel J. Brose (BS ChE 1984)	2010
David A. Brockman (BS Gen. Sci. 1986)	2010
Douglas M. Carmean (BS EE 1985)	2010
Douglas W. Fisher (BS EE 1985)	2010
John S. Uczekaj (BS EE 1981)	2010
Michael B. Stowell (BS ME 1980)	2010
Nabilah M. Al-Tunisi (MS ECE 1982)	2010
Paul M. Sakamoto (BS EE 1977)	2010
Richard J. Sander (BS IME 1983)	2010
Stanley C. Lynch (BS NE 1973)	2010
Stephen H. McDonald (BS ChE 1978)	2010
Tod A. Laursen (BS ME 1986)	2010
Tony Kingsbury (BS ChE 1983)	2010
Walter G. Kortschak (BS ChE 1981)	2010
Bahram Nassersharif (PhD NE 1982)	2011
C. John Meagher (BS CEM 1978)	2011
Coe F. Miles (BS EE 1984)	2011
Duane Kenagy (BS CE 1979)	2011
Gary A. Pietrok (BS CEM 1984)	2011
Gregory K. Delwiche (MS CE 1983)	2011
Hosung Chang (MS EE 1985, PhD EE 1993)	2011
James "Jake" Vanderzanden (BS ME 1987)	2011
Jeffrey K. Blank (BS ME 1990)	2011
Kate Remley (BS EE 1992, MS ECE 1996, PhD ECE 1999)	2011
Mark G. Lyman (BS IME 1981)	2011
Todd A. Wareing (BS NE 1987)	2011
Valerie Brown (BS ChE 1980)	2011

Council of Outstanding Early Career Engineers

Award Winner	Year of Induction
Curt A. Nilsen (BS EE 1987)	1998
Darcy J. McCallum (MS CS 1993)	1998
Jake VanderZanden (BS ME 1987)	1998
Jay C. Compton (BS CE 1979)	1998
Jeffry L. Duncan (BS ChE 1980)	1998
Joan O. Heaberlin (PhD NE 1997)	1998
Mark A. Christensen (BS IME 1982)	1998
Richard P. Tolvstad (BS CEM 1987)	1998
Roger M. Nielsen (BS IE 1983)	1998
Scott A. Ashford (BS CE 1983)	1998
Timothy L. Weber (PhD ME 1991)	1998
Tod A. Laursen (BS ME 1986)	1998
Tung X. Bui (BS EE 1988)	1998
Christopher M. Carpenter (BS ME 1985)	1999
Debra Walt Johnson (BS EE1995)	1999
Eric Johnson (BS CS 1984)	1999
Galen E. McGill (BS EE 1987)	1999
James A. Johnson (BS 1984)	1999
Janet G. McFadden (BS NE 1992)	1999
Peter Oosterhof (BS CS1987)	1999
Richard K. Tenneson (BS CEM 1985)	1999
Steven C. Lovejoy (BS ME 1987, MS ME 1989)	1999
Allan A. Douglas (MS EE 1993)	2000
Brent J. Kerr (BS CE 1983)	2000
Brian J. Cox (BS ME 1981)	2000
Byung-Oh Cho (MS NE 1988; PhD NE 1991)	2000
Herschel P. Weeks (MS AgE 1983)	2000
Jay L. McQuillen Jr. (MS CE 1986)	2000
John G. Robinson (BS ME 1983)	2000
Lori M. Strong (BS IME 1986)	2000
Richard D. Braatz Jr. (BS ChE 1988)	2000
Shane D. Wall (BS ECE1988)	2000
Steven R. Van Arsdale (BS IME 1984)	2000
William A. Oefelein (BS EE 1988)	2000
Abhijit Y. Talwalkar (BS EE 1986)	2001
Andy P. Pihl (BS IE 1984)	2001
Howard C. Yang (MS ECE 1987, PhD ECE 1990)	2001
James D. Rise (BS ME 1986)	2001
Janet Gulley (BS ME 1986)	2001
Jerry Abdie (BS CS 1986)	2001
Jim S. Gruher (BS IE 1983)	2001
Richard W. Latta (BS ChE 1987)	2001
Ronald G. Olshausen (BS CS 1985)	2001
Scott C. Franz (MS NE 1994, PhD NE 1997)	2001
Todd A. Wareing (BS NE 1987)	2001
William L. Drinkward (BS CE 1990)	2001
Bryan R. Lewis (BS NE 1986, MS NE 1992)	2003
Donald M. Whitehead (BS CE 1988)	2003
Guojin Liang (PhD ECE 1991)	2003
Jonathan J. "JJ" Cadiz (BS CS 1997)	2003
Marcus H. Wilcox (MS ME 1989)	2003
Robert J. Crawford (BS IE 1985)	2003
Salvador M. Aceves (PhD ME 1990)	2003
W. Scott Hoodenpyle (BS CEM 1989)	2003
Denis Burger, Jr. (BS CS 1987)	2004
Gregg V. Thompson (BS CE 1992)	2004
Jatila Ranasinghe (MS ME 1986, PhD ME 1989)	2004
John F. McKibben (BS ChE 1984)	2004
Kent Boden (BS CEM 1988)	2004
L. Eric Smith (BS NE 1994)	2004
Patrick Jensen (BS EE 1989)	2004
Sterling L. Smith (BS EE 1990)	2004
Craig M. Marianno (PhD RHP 2000)	2005
Harish Pillay (BS CS 1988, MS EE 1990)	2005
John S. Anttonen (BS ME 1989)	2005
Patricia A. McDonald (BS ChE 1987)	2005
Steven D. Townsen (BS CE 1994)	2005
Ben Wahlstrom (BS ME 1996)	2006
David Y. Young (BS EE 1989; MS EE 1992)	2006
Junku Yuh (MS ME 1982; PhD ME 1986)	2006
Keith A. Pauley (BS NE 1988, MS NE 1995)	2006
Marc A. Leslie (BS ChE 1993)	2006
Steve Malany (BS CEM 1991)	2006
Tiffany Adams (BS CE 1995)	2006
Bradley T. Hogan (BS IME 1991)	2007
Eric K. Rockett (BS NE 1993)	2007
Matt Boyd (MS BRE 1997)	2007
Michael J. Baker (BS CE 1991)	2007
Ryan Fujimoto (BS ChE 1996)	2007
Sanjay Vancheeswaran (MS CE, Chemistry 1999)	2007
Scott C. Kveton (BS CS 1997)	2007
Brian K. Wilson Jr. (BS CS 1989, BS EP 1990)	2008
Charla Triplett (MS BE 2000)	2008
Dan D. Euhus (BS ChE 1999)	2008
Dawn Lesley (MS BioE 1993)	2008
Jennifer A. Rosales (BS CE 1995)	2008
Jon J. Amack (BS EE 1992)	2008
Paul D. Stull III (BS CE 1993, MS CE 2004)	2008
Ryan Dow (BS CE 2000)	2008
Adam King (BS ChE 1993)	2009
Adi Kusma (BS IME 1998)	2009
Angie L. Cook (BS ME 2003)	2009
Brian M. Davis (PhD CE, 2003)	2009
Jason Smesrud (MS BE 1998)	2009
John H. Weisner (BS CEM 1995)	2009
Peter Koonce (BS CE 1995)	2009
Seth M. Sproul (BS NE 1997)	2009
Yui-Luen Jeremy Ho (BS EE 1990; MS EE 1992)	2009
Eric G. Hulbert (BS CS 1999)	2010
Kathryn M. Brock (MS Env. Health 1999)	2010
Kelsy M. Ausland (BS CE 2002, BA CE 2002)	2010
Lisa J. Graham (BS ChE 1996, PhD ChE 1999)	2010
Timothy N. Bergler (BS IME 1997)	2010
Andrew Dykeman (BS CEM 1997)	2011
Jeff Freeman (BS IME 1997)	2011
Kent B. Welter (MS NE 2001, PhD NE 2003)	2011
Thana Sornchamni (MS ChE 2001, PhD ChE 2004)	2011
Young Kim (MS CE 1997, PhD CE 2000)	2011
Yunteng Huang (PhD ECE 1997)	2011