

OREGON STATE ENGINEERING

MAKING PEOPLE'S LIVES BETTER

OREGON STATE'S ENGINEERS
WITHOUT BORDERS
CHAPTER HELPED BRING
WATER TO KENYA



THANK YOU, JEFF HARVEY

FOR YOUR LEADERSHIP, STEWARDSHIP AND PARTNERSHIP

Kyle Dean Chief Financial Officer

I consider Leadership as creating a future that wasn't going to happen anyway, of being willing to take a risk, and lead the new - Jeff is the definition of that for me. Jeff's engineering mindset of "learn while doing" creates a constant push forward for the company, continually questioning what we've done and testing the new. The biggest part of Jeff to me, though, is Jeff's care - for people, for the communities we serve, for where the mission of the company leads us. Those three pieces paint a picture of who Jeff is as a leader for Burgerville: someone constantly looking forward, leading the company into the new, guided by a desire to serve the people we touch.

Jack Graves Chief Cultural Officer

Jeff has a mind that is curious, innovative and creative. He has shown us how to have our mission "Serve With Love" show up in communities more powerfully and impactful than ever before. Expanding the capacity of our mission in that manner has led to the many sustainable business practices that Burgerville is known for today.

Abbie Findlay Chief of Staff

Congratulations for this recognition of your contribution to the work in your field and more recently the work you do through developing communities. You are an inspiration for change, always looking through a creative lens to do things differently. It is my pleasure to know you and work with you.



Kristina Wright 2010

YOUR MISSION-LED LEADERSHIP BRINGS OUT THE BEST IN ALL OF US

Janice Williams Chief Operations Officer

Jeff is a leader who is deeply committed to people and the viability and vitality of our communities. He brings forth vision, possibility and creativity inside every conversation he engages. It is an honor and privilege to work and learn from Jeff. Thank you, Jeff, for the opportunities you provide all the people in our company.

Beth Brewer Chief of Transformational Learning and Development

Jeff is the spirit and strength of the mighty oak. His roots run deep in the Northwest—reaching beyond the surface of citizenship, he has redefined stewardship in business, establishing Burgerville as an anchor and guide for creating resilience and beauty in our region. He is whimsical, musical and creative like the quick rustling of the new leaves of spring, high up in the tree—from hearing him riff on the guitar to the leap of joy when someone is inspired, I always know that Jeff will appreciate and honor creativity and innovation in every form. Like the mighty oak, Jeff is committed to the elegant design of creations that last beyond our generation. With that commitment, he has empowered the development of our leadership at Burgerville as Responsible Community Leaders, serving the planet for this and every generation in the future. Congratulations.

Tom Mears Chairman

Congratulations to Jeff for this prestigious honor. You are a great leader to our company and all the communities you have touched.



© Jennie Barker, Live Wire! Radio



Our mission: Serve With Love

A Northwest original since 1961 committed to giving back to our communities, developing responsible community leaders, and sustaining the health and prosperity of the Pacific Northwest.

Table of Contents

4 A Healthy College of Engineering at Oregon State University

7 2013 Oregon Stater Engineering Awards

7 College of Engineering Hall of Fame

Michael D. Brady
Lewis A. Danielson
Jen-Hsun Huang
Donald R. Pettit
David T. West

11 Academy of Distinguished Engineers

David L. Andersen
Paul R. Anderson
Peter P. Gassner
Thomas L. Gould
Manoj Gujral
Elizabeth N. Hammack
Kevin G. Hart
Jeffrey P. Harvey
Brenda M. Holdener
Steven E. Locke
Paul R. Mather
Stephen S. Pawlowski
Annabelle Pratt
Lawrence A. Sitz

16 Council of Outstanding Early Career Engineers

Nancy E. Adcock
Meagan R. Bozeman
Daniel J. Di Spaltro
Bradley R. Eccleston
Jeffrey J. Firth
Gregg R. Landskov
Brenda E. Marsh

18 List of Previous Award Winners



ON THE COVER:

Oregon State University student Zachary Dunn traveled to Lela, Kenya, with Engineers Without Borders to help build a drinking water well and rainwater catchment system.

(Photography by Jeffery Randall)

Oregon State UNIVERSITY **OSU** College of Engineering

101 Covell Hall, Corvallis, OR 97331-2409 | 541.737.3101
engineering.oregonstate.edu

Sandra L. Woods
Dean, OSU College of Engineering

Acknowledgements:

The 2013 Oregon Stater Awards are made possible with the assistance of many people. We deeply appreciate everyone who contributed their hard work and great ideas.

Published by Pamplin Media Group

COMMUNITY NEWSPAPERS
PORTLAND TRIBUNE
AM860 KPAM | Pamplin
MediaGroup
Your best local news source.

6605 S.E. Lake Road, Portland, OR 97222 • 503-684-0360

Publisher: J. Brian Monihan

Executive Editor: Thuy T. Tran

Editor and Contributing Writer: Randalyn Nickelsen

Graphic Designer: Dan Adams

Cover Design: Long Lam, OSU University Marketing

Photography: Contributed by award winners and Oregon State University unless otherwise noted

©2013 Pamplin Media Group / Portland Tribune. OSU College of Engineering 2013 Oregon Stater Engineering Awards is published by Pamplin Media Group / Portland Tribune, 6605 S.E. Lake Road, Portland, OR 97222 • Phone: 503-684-0360 • Fax: 503-620-3433. Reproduction in whole or part is prohibited without written authorization by Pamplin Media Group / Portland Tribune. www.portlandtribune.com



Powering the Future



Oregon State University engineers are leading Oregon's green energy revolution. OSU donors have an amazing impact of their own, enriching the university experience through their support of programs and scholarships that help exceptional students dream big.

Consider OSU Presidential Scholar Nathan Hinkle—the chemical engineering major from Portland is president of the student-run Sustainable Energy Initiative, exploring clean ways to create energy and educating the public about alternative sources of energy.

Left: Associate Professor Skip Rochefort and Nathan Hinkle demonstrate how biodiesel is made.

Oregon State
UNIVERSITY

OSU Foundation
campaignforosu.org

New dean lays plans for collaboration and excellence

Sandra Woods was named dean of Oregon State University's College of Engineering in July 2012, joining an educational discipline that is enjoying keen interest and rapid growth. With 6,000 students and 134 faculty, researchers, and staff looking to her for vision and leadership, Dean Woods has, by necessity, hit the ground running.

Although she is new to the deanship, Dean Woods is an old friend of Oregon State, having served on the faculty and in the administration from 1984 to 2001.



Sandra L. Woods

Dean Woods earned a B.S. in civil engineering from Michigan State University and master's and doctoral degrees in the same discipline from University of Washington. She is an environmental engineer who specializes in the bioremediation and biotransformation of environmental contaminants.

When she joined the Oregon State faculty in 1984, Dean Woods served in a variety of teaching, research, and administrative roles. She served as faculty associate to the provost and helped launch Oregon State's distance and continuing education programs. She received the College of Engineering Loyd Carter Award for Outstanding and Inspirational Teaching in 1998.

In 2001, Dean Woods was appointed head of the Department of Civil and Environmental Engineering at Colorado State University, and she went on to become dean of CSU's College of Engineering. In 2010, the Colorado section of the American Council of Engineering Companies named her "Outstanding Engineer in Industry" for her leadership and contributions to engineering in the State of Colorado.

"A dean's job is to help other people be successful, reduce barriers, help staff, and serve students," says Dean Woods. "It is fundamental to create an environment where people collaborate, feel supported, and can be successful. If we can get students, faculty, and staff to move in the same direction with the same vision and passion, we can increase our impact exponentially."

Healthy people. Healthy planet. Healthy economy.

A healthy College of Engineering at Oregon State University

School of Chemical, Biological & Environmental Engineering | School of Civil & Construction Engineering | School of Electrical Engineering & Computer Science | School of Mechanical, Industrial & Manufacturing Engineering | Department of Nuclear Engineering & Radiation Health Physics

The time has never been better to become an engineer at Oregon State University. Enrollment is up 36 percent over the past three years. Twenty-three additional world-class faculty and researchers are being hired through national searches. Plans and funding are in the works for an additional state-of-the-art engineering building. Research expenditures totaling \$34.5 million are fueling undergraduate and graduate experiences. And Oregon State-educated engineers are earning far more out of the gate than their peers graduating from comparable American universities.

"We are certainly on the move," says Sandra L. Woods, dean of the College of Engineering. "With a total enrollment increase of more than 900 students in the past year, we are experiencing a much faster rate of growth than other engineering programs nationally. That's a reflection of our strength and relevance and the fact that we care about our students."

"We are growing and hiring in a strategic way," says Dean Woods. "New faculty and researchers are being added in 'areas of excellence' — engineering areas that we want to continue to strengthen for our students."

More staff, more research, and more students means an ever-increasing need for more space. In January, Oregon State President Edward J. Ray announced private support of \$20 million for a new engineering building that includes a \$7

million commitment from alumnus Peter Johnson and his wife, Rosalie. With anticipated approval for matching bonding from the state legislature, this 60,000-square-foot facility will address space needs for engineering faculty, lab space for interdisciplinary research and a

center focused on

Brilliant high achievers and world-class mentors mean Oregon State engineering graduates have a competitive edge like no other.

recruiting and retaining engineering students.

"The majority of the faculty in the building will be involved in chemical, biological, and environmental engineering," says

Dean Woods. "But there will be other faculty and researchers there as well, working together on solutions for complex engineering problems to the benefit of the students who observe and participate." With more than \$30 million dedicated to engineering research at Oregon State this past year — a 30 percent increase over the past three years — some remarkable discoveries and competitive spin-offs and licensed technologies are emerging from the College of Engineering. "Graduate and undergraduate education and research go hand-in-hand," says Dean Woods. "It requires that we have research faculty who are at the cutting edge in their fields and who give our students a great opportunity to work on compelling



Photography by Thuy Tran

problems."

As one of only two land, air, space and sea grant universities in the nation, Oregon State's institutional goal is to continue to recruit high-achieving students to its campuses. Engineering students currently represent 40 percent of those enrolled in the OSU Honors College.

Brilliant high achievers and world-class mentors mean Oregon State engineering graduates have a competitive edge like no other. "Our alumni from the College of Engineering are among the most successful, well-compensated degree holders from the university," says Steve Clark, Oregon State's vice president for university relations and marketing. "Our research shows Oregon State graduates earn 50 percent more than their peers nationwide. Within engineering, more than 44 percent of our alumni are earning more than \$150,000 annually."

Dean Woods is emphatic in her claim that Oregon State's College of Engineering has always worked hard to develop students who can think. "We teach our

■ **Engineers Without Borders** /making a difference around the world ■ **Ingenium** /College of Engineering blog
 ■ **Citrix XenApp** /offsite engineering project software application ■ **Intel Learning Company** /freshman jumpstart
 ■ **Multiple Engineering Cooperative Program** /student engineers in the field ■ **Engineering Technology Industry Council** /fuel the Oregon economy

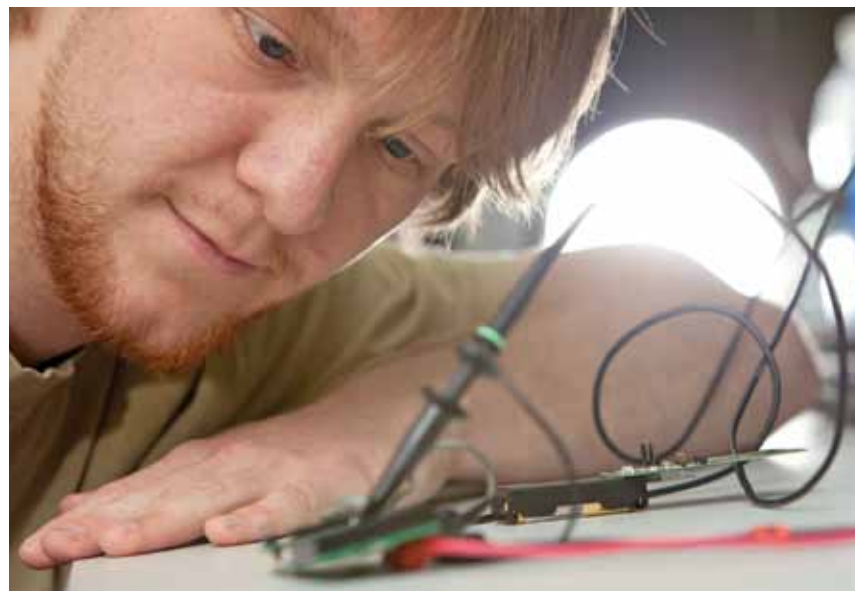


Photography by Jim Carroll

students to solve problems and they graduate from a rigorous curriculum that allows them to apply their knowledge to problems that have not yet emerged," she says.

The 2013 Oregon Stater Award winners from the College of Engineering are just a sampling of the driven, forward-thinking alumni who are proud to claim Oregon State University as their alma mater. "The value of their degree is as good as any institution in the country," says Dean Woods. "Our faculty has always recognized that it is the understanding of the fundamentals that allow our graduates to lead — to start new companies, to become CEOs, or to develop new technologies throughout their careers.

"Our goal is not to be the biggest; our goal is to be excellent," says Dean Woods. "Our vision is not to educate graduates; our vision is to educate the world's engineering leaders."



Photography by Oregon State University

OSU Engineering Discoveries

HEALTHY PLANET

The Northwest National Marine Renewable Energy Center, based at Oregon State University, chose Newport, Ore., to build the Pacific Marine Energy Center — the first utility-scale, grid-connected wave energy test site in the U.S.

HEALTHY ECONOMY

Jonathan Hurst, assistant professor of mechanical engineering at Oregon State University, and Jessy Grizzle at the University of Michigan received a "Breakthrough Innovator" award from Popular Mechanics for their walking robots — MABEL and the next generation ATRIAS.

HEALTHY PEOPLE

Electrical engineers at Oregon State University are ready for clinical trials on a new technology to monitor medical vital signs with sophisticated sensors so small they could fit onto a bandage and cost less than a quarter. The technology, for which a patent is pending, has numerous potential applications.

HEALTHY ECONOMY

Researchers at Oregon State University, where transparent electronics were pioneered, have confirmed that zinc tin oxide, an inexpensive and environmentally benign compound, could replace some non-volatile flash memory — a multi-billion dollar technology nearing its reductive limits.

HEALTHY PLANET

Engineers at Oregon State University have for the first time developed a way to use microwave heating in the synthesis of copper zinc tin sulfide, a promising solar cell compound that is less costly and toxic than some solar energy alternatives.

HEALTHY PEOPLE

The U.S. Department of Energy awarded \$1.1 million to Oregon State University, which pioneered "passive safety" nuclear energy concepts and new types of small "modular" reactors that hold great promise in the future of nuclear power.

HEALTHY PLANET

Oregon State University professor Scott Ashford was one of the international engineering experts who toured the area affected by the subduction zone earthquake and tsunami in Japan in 2011. Repercussions of the event are now being felt in the Pacific Northwest and the university is working closely with State agencies to assist in earthquake preparedness planning

■ **30 unique degree programs** /find your niche in tomorrow's technological world ■ **OSU Open Source Laboratory** /fresh ideas and imagination ■ **For the latest news about OSU's College of Engineering's discoveries, opportunities and accomplishments, go to: <http://engineering.oregonstate.edu/features> or <http://engineering.oregonstate.edu/research-headlines>**

Local news coverage you won't find anywhere else.



When it comes to delivering local news coverage, nobody does it better than the **Pamplin Media Group**. Whether it's in print, online, or on air from radio station AM860 KPAM, we've always been your best source for local news. To find out what's happening in and around your community, visit PortlandTribune.com today.

Pamplin Media Group
PortlandTribune AM860 COMMUNITY NEWSPAPERS

3315983.02213 CV

419233.022113 OSU



Congratulations
Larry Sitz for being
honored with the
"2013 Oregon
Stater Award"

Emerick is proud of
your accomplishments
and can't wait to see
what you'll do next!

Celebrating 70 years of Distinction | www.emerick70.com



Offering graduate degrees in medical physics
from the Northwest's only accredited program

**Oregon State and
Oregon Health & Science University**
Partners in medical physics
education since 2009

NUCLEAR ENGINEERING AND RADIATION HEALTH PHYSICS DEPARTMENT
ne.oregonstate.edu/medicalphysics

Oregon Stater Engineering Awards Hall of Fame Winners



Photography by Oregon State University

Michael D. Brady

HALL OF FAME

Ph.D. Chemical Engineering '69
Senior Engineering Associate (Retired)
Corning, Inc.
Corning, New York

A man of humble beginnings, Michael Brady grew up in Iowa and primarily put himself through Iowa State University earning a B.S. in chemical engineering. He worked as a technician at the Atomic Energy Commission's Ames Laboratory and completed internships at General Motors



and Ethyl Corporation. He was awarded a National Science Foundation traineeship and headed to Corvallis for his doctoral studies.

Brady speaks fondly of his days at Oregon State and especially for two

men who made a significant impact on his life: Charles Wicks and Robert Mrazek. "Their acts of kindness and concern for me

as a student and instructor made a great difference in my success in my doctoral program," says Brady.

Brady's career with 3M Corporation spanned more than 30 years. All of the Scotch tape made by 3M since 1972 is made with the water-based process Brady invented, and the process remains a trade secret to this day. "When I first started at 3M, they did not have a chemistry engineer with my type of background in pure chemistry, so I was able to make an outsized impact because no one had yet done that type of research or technical application," says Brady. "It was at the cusp of the time when 3M was going from solvent-based to water-based adhesive systems."

Brady was actively pursued by Corning Inc. and joined the company in 1999 to establish a technology center for the micro-replication process and product development for use in the optical fiber and photonic materials for the communications business. He went on to establish the Center for Advanced Process Research, the Corning Patent Liaison System and courses in clear technical writing for scientists and engineers.



Throughout his career, Brady has authored 15 patent applications and more than 25 internal and external publications. He holds four U.S. patents and more than 20 international patents.

"What an honor it has been to work with OSU — with all the impact it has made in tsunami research, the biological sciences and engineering technologies," says Brady. "It's been a lifelong, wonderful experience — living there, traveling there, running across

other graduates and being able to say I am associated with Oregon State University."

The teachings of the Bible were the foundation for Brady's determination at a young age, and he is still a religious man who is involved in several ministries in his retirement. "Life's journey is all about learning to serve God and learning to use your gifts," says Brady. "I learned long ago that if you have desire and the capacity to work, success will be yours."

Lewis A. Danielson

HALL OF FAME

B.S. Mechanical Engineering Technology '79
Founder & Chair
Crimson Trace
Wilsonville, Oregon

Lewis Danielson literally started out as a mover and a shaker. After high school graduation in a small Sacramento Valley farming community, he spent ten years as a professional furniture mover. That preliminary career eventually brought him



to Beaver State Moving and Storage in Corvallis where Oregon State University was at his doorstep.

Danielson began his engineering career at Oregon Steel Mills, where he implemented a plant-wide lubrication program. He moved

on to Portland-based Mitchel Lewis & Staver, where he helped design and build equipment for orchard and dairy farms in the manufacturing division. But he still had bigger plans.

"I am a small-company man at heart and I wanted to pursue the art of creation and design," says Danielson. So he joined Engineering and Prototype Services (EPS) as a contract tool and product designer, primarily serving the aerospace industry. Danielson eventually became president of

the company and through his vision, helped EPS and its employees achieve record growth, profits and awards in the tooling industry.

In 1994, working evenings and weekends, Danielson and other EPS employees started Crimson Trace Corporation, which manufactured state-of-the-art laser gun sights for the firearms industry. Today, Crimson Trace delivers more than 130 made-in-Oregon products to the military, law enforcement and other

Continued on next page >

Lewis A. Danielson/HALL OF FAME

> Continued from last page
security industries worldwide. The company is the world's only manufacturer of grip-integrated laser sights and enjoys a dominant market position.

"I love this business and everyone who works in the company with me," says Danielson. "That's the way business should be — work needs to be fun. People who have fun are way more productive."

Danielson fashions himself as a "visioning guru" for his companies and employees. "At its core, success is simple — synergistic plans and people who team up to create success," he says. "Give people a

vision of what the company can do plus a vision of what they can do for themselves."

Throughout his success, Danielson's roots have been grounded in design and his education in mechanical engineering at Oregon State University. "Even today, I keep a CAD system close by to keep myself close to the roots of design, which I love so much," says Danielson.

"At its core, success is simple — synergistic plans and people who team up to create success."



Jen-Hsun Huang

HALL OF FAME

B.S. Electrical Engineering '84
Honorary Ph.D. Engineering '09
Co-Founder, President and CEO, NVIDIA
Santa Clara, California

Jen-Hsun Huang is the co-founder, president and chief executive officer of NVIDIA, the world leader in visual, mobile and parallel computing.

Since its establishment in 1993, NVIDIA has received numerous awards for its technology, business and environmental leadership, among them:



Newsweek's Greenest Companies in America, (#6 in 2012), Wired 40 (multiple years), Forbes' Company of the Year (2007) and Fortune's Fastest Growing Company in America (2002).

Huang's success has been earned against significant odds and is an inspirational example of determination and persistence. As a young immigrant to the United States from his native Taiwan, he was inadvertently placed with his older brother in a reform school in rural Kentucky and received what he has described as a "hard knocks" introduction to this country.

"I loved going to school there and it's where I first learned about America," he said. "I didn't speak much English at first, but I caught up, worked hard and learned that sometimes, you have to keep your eyes open and be willing to do more than act tough."

Once he and his brother rejoined their family in Oregon, he became a nationally ranked junior table tennis champion and completed high school in Beaverton. As a freshman at Oregon State University, his lab partner in electrical engineering fundamentals was Lori Mills; they were married five years later. After receiving a bachelor's of science from OSU in 1984, he earned a master's degree in electrical engineering from Stanford in 1992, which he completed while working full time.

"I didn't speak much English at first, but I caught up, worked hard and learned that sometimes, you have to keep your eyes open and be willing to do more than act tough."

"I enjoyed computers growing up, but OSU opened up my eyes to the magic behind them," he said. "This is where I really fell in love with technology, thanks to a few great professors and some classes that set my mind on fire. Everything I have learned over the past decades is built on the strong foundation I gained here."

After initial jobs at LSI Logic and Advanced Micro Devices, Huang co-founded NVIDIA with Chris Malachowsky and Curtis Priem. The company's best known innovation is the graphics processing unit or GPU, which was initially used in computer gaming, where it enabled the creation of spectacularly immersive worlds.

NVIDIA's processors today power a broad range of products from smartphones to supercomputers. Its mobile processors are used in phones, tablets and auto

infotainment systems. Professionals use GPUs to create 3D graphics and visual effects in movies, and to design everything from golf clubs to jumbo jets. And researchers utilize GPUs to advance the frontiers of science with high performance computing.

The company holds more than 5,000 U.S. patents granted or pending, employs 8,000 worldwide and has revenue in excess of \$4 billion.

Among NVIDIA's most recent projects are Titan, the world's fastest supercomputer at the Oak Ridge National Laboratories, which derives 90 percent of its processing from GPUs; and Microsoft Surface, one of the first Windows RT-based tablets, which runs on the NVIDIA Tegra 3 system-on-a-chip that provides an entire computer on a chip the size of a thumbnail. The company's CUDA architecture makes programming GPUs simple and elegant

and is widely used by scientists engaged in efforts ranging from quantum chemistry to exploring the origins of the universe.

"I'm deeply proud of how NVIDIA has transformed the visual, mobile and supercomputing fields," he said. "But what makes me most proud is the culture of relentless innovation we've created. It allows us to attract and inspire some of the world's greatest engineers. And it keeps us focused on finding solutions to really difficult challenges so that we can contribute to society as a whole."

In addition to his honorary doctorate from OSU, Huang has received the Dr. Morris Chang Exemplary Leadership Award from the Global Semiconductor Association; and the Daniel J. Epstein engineering Management Award from the University of South California. He was one of the first inductees in the U.S. Immigrant Hall of Fame on its establishment in 2012.



Donald R. Pettit

B.S. Chemical Engineering '78
Astronaut
National Aeronautics & Space Administration
Lyndon B. Johnson Space Center
Houston, Texas

Donald Pettit has traveled from Silverton, Oregon, to infinity and beyond — with a stop in Corvallis in between. As an earth-bound undergraduate at Oregon State University, Pettit earned his



bachelor's degree in chemical engineering in 1978 and went on to complete doctoral studies in the same discipline at the University of Arizona in 1983.

Pettit began his career as a staff scientist at Los Alamos National Laboratory in Los Alamos, New Mexico, where his projects included experiments in reduced

gravity fluid flow and materials processing, atmospheric spectroscopy on clouds seeded from rockets, and fumarole gas sampling from volcanoes. He also solved problems in detonation physics. He was a member of the Synthesis Group, which assembled the technology to return to the moon and explore Mars, and the Space Station Freedom Redesign Team.

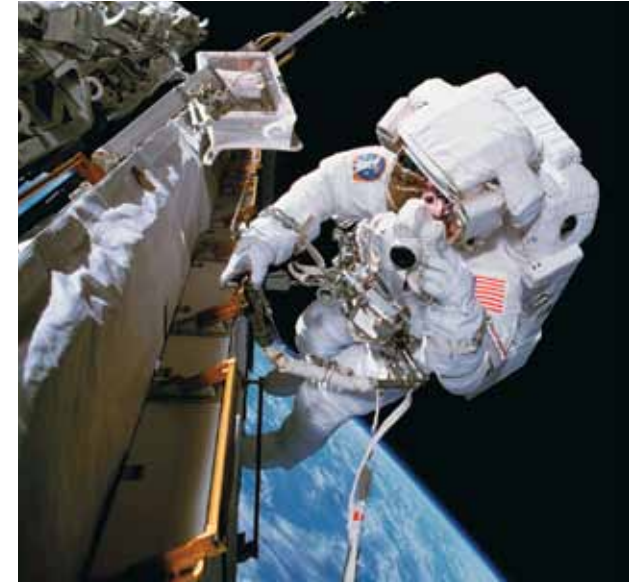
In 1996, Pettit was selected by the National Aeronautics & Space Administration (NASA) to report to the Johnson Space Center as an astronaut. A veteran of three spaceflights, Pettit has logged more than 370 days in space and more than 13 spacewalk hours. He lived aboard the International Space Station for more than five months during Expedition 6, was a member of the STS-126 crew, and again lived aboard the space station for more than six months as part of the Expedition 30/31 crew.

Pettit returned to Earth on July 1, 2012, having launched to the International Space Station aboard the Soyuz TMA-03M craft from Kazakhstan. As the NASA flight engineer, Pettit joined Russian Soyuz

Commander Oleg Kononenko and European Space Agency Flight Engineer Andre Kuipers in docking the shuttle and restoring the space station crew complement to six.

Research at the space station during Pettit's deployment marked a new era of commercial resupply services from the United States when the first commercial cargo SpaceX Dragon spaceship was launched from Cape Canaveral Air Force Station in Florida. Following a series of maneuverability tests and abort systems tests, the capsule was grappled and berthed using the station's robotic arm.

Also during this mission, Pettit used household objects aboard the space station to perform a variety of unusual physics experiments for the video series "Science Off the Sphere." Through these



demonstrations, Pettit showed more than a million Internet viewers how space affects scientific principles.

At the end of this most recent mission, Pettit landed in Kazakhstan after 193 days in space and orbiting the Earth 3,088 times and traveling more than 76 million miles.

David T. West

B.S. Mechanical Engineering '69
Founder
San Luis Sourdough
San Luis Obispo, California

David West didn't see a future for himself on the land where his father raised potatoes and alfalfa in the southern Oregon farming community of Merrill. But he did love cars, so he headed to Oregon State to complete a degree in mechanical engineering, focusing on the discipline's automotive element.



"I was fascinated by mechanics," says West. "Oregon State offered me everything I wanted — a great engineering school and an opportunity to stay in state."

After graduating, West interviewed with Ford Motor Company, but decided against living in

Detroit. Instead, he took a job with Union Oil in southern California as a research engineer. "Without my education, I would never have had that opportunity," he says. "I was involved in technical training and research and everything related directly back to my education at OSU."

After living in the Los Angeles basin for 10 years, West and his family decided they didn't want to spend their lives in the big city. "I wanted to get into business for myself, something where I could control my own destiny," he says. "I bought an automobile salvage business in San Luis Obispo on California's central coast."

The business did well, but his wife's business was doing better. Linda "Charlie" McFall West (OSU '69) had started a small bakery called San Luis Sourdough. Within a year, business was booming and, seeing its potential, she pulled her husband's

energies full-time into the bakery business. He designed a 25,000 square foot bakery, giving consideration to workflow, equipment needs, and purchasing.

"My engineering background really helped me," says West.

Three years after its startup, San Luis Sourdough was named the Small Business Administration's Small Business of the Year for California. Six years later, the Wests' company was named the national intermediate wholesale bakery of the year by their trade association.

The Wests sold the company to Earthgrains in 1998. By that time, 125 employees were producing 60,000 loaves of sourdough bread a day.

"I am proud that we were able to contribute to society and the economy and produce a healthy, natural food product that people wanted," says West. "Anyone getting into engineering needs to keep all the doors open, because you never know where the path is going to lead. It could be something you never dream would be an opportunity."

HALL OF FAME





"Oregon State is very inspiring. When you see how far people have come and how far they're going to go, it just inspires you to do more."

NSO 3.022013.02614

A solid foundation

Vanessa Vazquez '12 — had never faced a challenge like Oregon State University's rigorous construction engineering management program. But with strong motivation and a solid education, she's now a project engineer with Portland-based PNC Construction, managing building of a new transit center in Keizer.

oregonstate.edu

Oregon State
UNIVERSITY

Congratulations Jeff Firth!

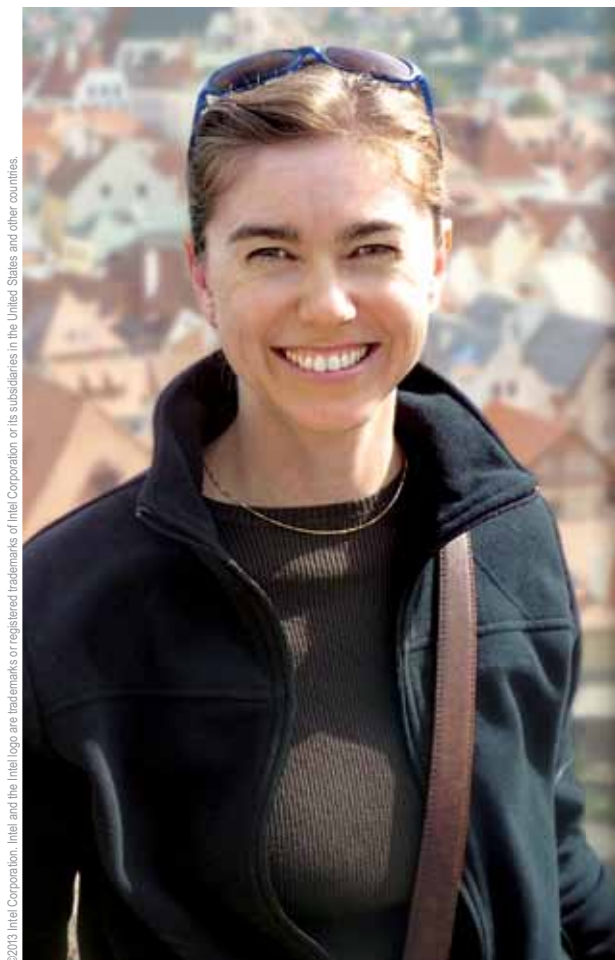
Oregon State University
College of Engineering 2013
Oregon Stater Award Recipient

We're proud of your
accomplishments!

From your friends and colleagues
at Hamilton Construction Co.



419237.022013 OSU



©2013 Intel Corporation. Intel and the Intel logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Officially, she's a Senior Power Research Engineer.
To us, she's a powerhouse.

Intel congratulates Dr. Annabelle Pratt, Senior Power Research Engineer at Intel Labs, on receiving a 2013 Oregon Stater Award in Engineering for her vision and leadership in developing technologies for sustainable power delivery and management.



Academy of Distinguished Engineers

David L. Andersen

B.S. Business Administration '80
President & CEO
Andersen Construction Company
Portland, Oregon



"My professors at Oregon State were teachers and mentors and now good friends."

David Andersen took five years after high school to play bass in a rock and roll band before he headed to Oregon State, but he finished with his business degree and a minor in construction engineering management — a program his father helped to bring to fruition in the 1960s.

Three generations of Andersens built

Andersen Construction Company into the contracting powerhouse it is today. Andersen expanded the company his father started into a \$300 million construction management and general contracting firm doing business in six states.

"I've created a vision-based leadership approach in our company that has fueled our success," says Andersen. "I built a system that allows everyone to grow and do their best within the parameters of our values."

All three of his children have worked in the business and oldest son Joel, also an Oregon State graduate in construction engineering management, is currently the vice president of business development.

Andersen's connections to Oregon State remain. "My professors at Oregon State were teachers and mentors and now good friends," he says. "The engineering program linked me with future leaders in the industry with whom I do business today."

Paul R. Anderson

B.S. Industrial Engineering '80
Vice President, Global Procurement
Life Technologies Corporation
Carlsbad, California



"My education at OSU provided me with a solid foundation upon which to build a career in the exciting field of life sciences."

For the past 25 years, Paul Anderson has been advancing commercial operations in the life sciences and scientific equipment industry domestically and around the world — a career that began as an undergrad at Oregon State University in industrial engineering.

"My education at OSU provided me

with a solid foundation upon which to build a career in the exciting field of life sciences," says Anderson. "Using the skills learned at Oregon State to support our customers who use our products for research and diagnostics to advance the human condition is extremely rewarding for me."

After a brief stint at General Electric Company, Anderson completed an MBA at Harvard University. His stellar career took him to AT&T, Perkin-Elmer Corporation, Applied Biosystems—in the United States and abroad — and now to Life Technologies Corporation through the merger of Applied Biosystems and Invitrogen Corporation.

"My focus over the last six years has been improving supply chain productivity," says Anderson. "By driving cost out of raw materials and optimizing inventory and transportation methods, we are able to provide the best value products to our customers which enables them to fuel more advances in science."

Peter P. Gassner

B.S. Computer Science '89
Founder, CEO & President
Veeva Systems
Pleasanton, California



To say that he remembers his educational roots is an understatement — his start-up company chose orange as its primary corporate color.

Peter Gassner armed himself with a computer science degree from Oregon State University and went on to a 20-year career in the software industry. To say that he remembers his educational roots is an understatement — his start-up company chose orange as its

primary corporate color.

Gassner got started in his career as a relational database technology developer for IBM and subsequently held leadership roles at PeopleSoft and salesforce.com. In 2007, he founded Veeva Systems, developer of Cloud-based software for the global life sciences industry.

As chief executive officer and president, Gassner is responsible for the overall strategic direction and management of the company. He puts customer success as his number one priority, followed closely by employee satisfaction.

Through Gassner's leadership, Veeva Systems has delivered game-changing software solutions for the pharmaceutical and life sciences industry, enabling its customers to drive millions of dollars of efficiency to the bottom line.

In 2010, Gassner was named to the PharmaVOICE 100, which recognizes the 100 most influential people in the life sciences industry.

Thomas L. Gould

B.S. Chemical Engineering '68
Senior Consultant/Senior Partner
International Reservoir Technologies
Lakewood, Colorado



Today, Gould serves as a senior partner in a global consulting firm specializing in petroleum reservoirs and enhanced oil recovery.

In the waning days of the slide rule — the mechanical analog computer utilized by mathematicians and engineers for centuries — Thomas Gould was happy to be at a university that was somewhat uniquely beginning to teach computer science to its chemical

engineering students. The cutting-edge skill served him well.

"My first internship was with Chevron Research in California, where I spent a summer converting paper nomographs — a multi-axis design process — into a computerized form of hydrocrackers," says Gould. "It was a good example of how OSU was leading the charge in the use of computers in chemical engineering, allowing me to have a direct impact on Chevron."

Gould went on to earn his master's and doctoral degrees in chemical engineering at University of Michigan and became a leader in the field of petroleum reservoir engineering, first with a software company where he was responsible for research and development in reservoir, pipeline, real-time, training, and graphics software. Today, Gould serves as a senior partner in a global consulting firm specializing in petroleum reservoirs and enhanced oil recovery.

Academy of Distinguished Engineers

Manoj Gujral

M.S. Electrical Engineering & Computer Science '87
Los Altos, California



His years in Corvallis provided the foundation for his assimilation into America's culture, value system and lifestyle.

Manoj Gujral earned his undergraduate degree in 1983 at Panjab University, one of India's renowned educational institutions, and Oregon State University became his entry point to the United States. His years in Corvallis provided the foundation for his assimilation into America's culture, value system, and

lifestyle.

"OSU gave me fundamental knowledge around semiconductors and computer architecture," says Gujral. "Its team-based problem-solving, value of diversity, and strong academic and industry partnerships opened the door for new opportunities in my career."

Gujral has over 23 years of expertise in developing and bringing to market solutions for consumer electronics, personal computers, servers and mobile devices. He recently served as general manager of the broadband and consumer division and vice president of Cavium, Inc. Prior to that, he was general manager of desktop business at NVIDIA.

"Over the years, my associations with teams that have developed innovations in computing and networking have led to more processing power and connectivity in devices that we hold in the palm of our hands than was available in OSU's entire electrical engineering department when I was a student," says Gujral.

Elizabeth N. Hammack

B.S. Industrial Engineering '81
Vice President, Operations & Manufacturing
Medtronic, Inc.
Mounds View, Minnesota



"I am very proud that I have been able to help millions of people restore their health, alleviate their pain and extend their lives."

Elizabeth Hammack's broad education at Oregon State in industrial engineering allowed her to contribute early in her career to complex manufacturing companies on issues related to productivity and workforce safety.

"My OSU education helped me become a

better problem-solver," says Hammack. "My engineering curriculum spanned many disciplines — mechanical, electrical, fluids, operations research, systems and mathematics — which significantly improved my problem-solving skills throughout my career."

Since 1986, Hammack has been able to utilize her industrial engineering education to commercialize medical technology for novel new cardiovascular and vascular products across the globe, including at Advanced Cardiovascular Systems, Conceptus, and Heartport. Her experiences moved her closer to her responsibilities today with Medtronic, Inc., the world's largest medical device company.

"I have led the commercialization activities such as manufacturing scale-up, supplier scale-up, product launch planning obsolescence management, product distribution network optimization and after-market servicing," says Hammack. "I am very proud that I have been able to help millions of people restore their health, alleviate their pain and extend their lives."

Kevin G. Hart

B.S. Radiation Health Physics '02
Systems Engineer & Health Physicist
Sandia National Laboratories
Albuquerque, New Mexico



Hart served as the chemical, biological, radiological, and nuclear (CBRN) staff officer to the Army Surgeon General.

Kevin Hart recently retired from the U.S. Army as a lieutenant colonel after 20 years of service as a nuclear medical science officer. He served as deputy assistant director at the Domestic Nuclear Detection Office within the Department of Homeland Security, where he was responsible for radiation detection system testing, operational

assessment, operational modeling, and strategic planning.

Hart also served as the chemical, biological, radiological, and nuclear (CBRN) staff officer to the Army Surgeon General. In this position, he oversaw the procurement of \$30 million of CBRN pharmaceuticals annually. He served as the U.S. head-of-delegation to the North Atlantic Treaty Organization (NATO) responsible for development of CBRN medical doctrine.

Hart currently serves as a systems engineer and health physicist with Sandia National Laboratories, supporting the Department of Energy's Global Threat Reduction Initiative. He is responsible for managing physical protection upgrades at research reactor, medical, and industrial facilities with high-activity radiation sources.

Hart earned his undergraduate degree in nuclear engineering from North Carolina State University in 1992 and was certified by the American Academy of Health Physics in 2001.

Jeffrey P. Harvey

B.S. Electrical Engineering '79
President & CEO
Burgerville
Vancouver, Washington



"Going to college is one of the first major steps toward independence in your life."

Anative of Tigard, Jeff Harvey used his education to become a major power player in California-based utility and energy companies before returning to Oregon. Now he is seeking green and sustainable solutions at Burgerville, home of sweet potato fries and Walla Walla Sweet onion rings.

At Oregon State, Harvey got a degree in electrical engineering and lessons in independent living. "Going to college is one of the first major steps toward independence in your life," says Harvey. "It was at OSU where I was able to chart my own course and my curriculum gave me sufficient opportunity to choose pathways."

Harvey's path led him to leadership roles with PG&E Energy Services, Chevron Energy Services, and Energy Conversion Devices. He also had a hand in forming the Power Quality Service Center, a utilities alliance that educates consumers on safety and energy saving.

Since 2004, Harvey has helped drive double-digit growth and positioned Burgerville to be responsible and sustainable in all aspects, including people, profitability, and community. "The biggest impact I can make is to bring purpose into the workplace," says Harvey. "I'm always asking people why is this important — bring meaning into it."

Academy of Distinguished Engineers

Brenda M. Holdener

B.S. Construction Engineering Management '85
Captain, United States Navy
Inspector General
United States Transportation Command
Scott AFB, Illinois



"I've been able to influence and lead 1,100 young men and women on a daily basis as the commanding officer of a ship."

Capt. Brenda Holdener enlisted in the United States Navy in 1978 and received a Navy ROTC scholarship to Oregon State University. Her first tour of duty was at Navy Manpower Engineering Center Detachment in San Diego. From

there, Holdener has advanced through the ranks as a combat helicopter pilot, a navigator on the USS Kitty Hawk, a command center director for NORAD, and the commanding officer of the USS Wasp, among other assignments.

"My construction engineering management degree was broad enough to help me excel as a helicopter pilot and a ship's commanding officer," says Holdener. "The engineering background made the technical aspects easy, and the business background kept me thinking about efficiencies in large organization management." Holdener also earned her M.A. in national security and strategic studies from the Naval War College, and a homeland security graduate certificate from University of Colorado.

"I've been able to influence and lead 1,100 young men and women on a daily basis as the commanding officer of a ship," says Holdener. "If I was able to help only one to reach their goals, then I was successful at my job."

Paul R. Mather

B.S. Civil Engineering '84
Highway Division Administrator
Oregon Department of Transportation
Salem, Oregon



"My education at OSU has enabled me to fulfill my life's purpose."

Paul Mather had a clear direction for his life and Oregon State helped him achieve his goals. "My education at OSU has enabled me to fulfill my life's purpose," says Mather. "My college experience opened doors that allowed me to use my engineering and leadership skills to

enhance the abilities of those around me."

Paul joined the Oregon Department of Transportation (ODOT) in 1984 in traffic engineering. Over the years, he has worked in construction, maintenance, and project development in Portland, Salem, and Roseburg. Mather led ODOT's response to the state's deteriorating bridges by coordinating the "Economic and Bridge Options Report," resulting in a \$1.3 billion funding package approved by the state legislature.

"Oregon's deteriorating bridges and overpasses threatened a \$123-million negative impact to the state's economy, placing more than 88,000 jobs at risk," says Mather. "With the help of OSU research, I helped tell this story to the 2003 legislature. Over the last 10 years, ODOT has completed work on all of these routes, with a program delivered on time and under budget."

Steven E. Locke

B.S. Chemical Engineering '82
President & Chief Operating Officer
SLR International Corporation
Portland, Oregon



"Real life is full of interesting developments which don't have immediately obvious solutions."

Steve Locke followed in his father's footsteps when he enrolled in chemical engineering at Oregon State. Ed Locke had received his chemical engineering degree from Oregon State College in 1947.

As soon as he graduated, the younger Locke took a job as a process engineer with Chevron USA. In 1987, he made the leap

from hands-on industry to environmental consulting with SRH Associates, SECOR International, and currently at the United States branch of SLR International, an international environmental consultancy with offices around the world.

"Building a team across North America that competes well in high-growth, international markets, enjoys working together, takes care of friends and family, and serves meaningfully in the community is my biggest contribution to my industry," says Locke. "Our Oregon scientists and engineers help with everything from non-profit neurotherapeutic pediatric clinics to providing clean water in developing countries."

It was at Oregon State that Locke learned to solve complex problems. "Real life is full of interesting developments which don't have immediately obvious solutions," says Locke. "Being taught a process at Oregon State for successfully maneuvering through these problems has been an extremely valuable tool."

Stephen S. Pawlowski

Senior Fellow & General Manager
Architecture and Planning
Intel Corporation
Hillsboro, Oregon



Pawlowski holds 56 patents in the area of system and microprocessor technologies and has received three Intel Achievement Awards.

Steve Pawlowski is responsible for ensuring architectural consistency across all of Intel Architecture and implementation of such as security and management across Intel Core and Intel Atom product lines.

Pawlowski joined Intel in 1982 after earning bachelor of science degrees in

electronical engineering technology and computer systems engineering technology from the Oregon Institute of Technology. He received a master's degree in computer science and engineering from the Oregon Graduate Institute in 1993.

Pawlowski led the design of the first Multibus I Single Board Computer based on the 386 processor. He was a lead architect and designer for Intel's early desktop PC and high performance server products. Pawlowski also helped define the system bus interfaces for Intel's P6 family processors, the Pentium 4 processor and Itanium processor.

Pawlowski holds 56 patents in the area of system and microprocessor technologies and has received three Intel Achievement Awards. He served as the chair of Oregon's Engineering and Technology Engineering Council (ETIC) and continues to serve as a Council member.

Academy of Distinguished Engineers

Annabelle Pratt

Ph.D. Electrical Engineering '99
Senior Power Research Engineer
Intel Corporation
Hillsboro, Oregon



"This focused my energy and talent on projects that would not only advance a particular technology, but also the business interests of the company for which I work."

Annabelle Pratt decided early in her education to pursue a career in industrial research. She earned her bachelor's and master's degrees in electrical engineering from the University of Stellenbosch, South Africa, and traveled to Oregon State to pursue her doctoral studies.

"Beyond the stellar instruction and guidance from world-class researchers on faculty at OSU, I had wonderful opportunities to work on industry-sponsored research," says Pratt. "This focused my energy and talent on projects that would not only advance a particular technology, but also the business interests of the company for which I work."

After a stint at Advanced Energy Industries, where she was part of the development team of an active rectifier that has become the basis for an award-winning photovoltaic inverter product, Pratt joined Intel Corporation. She is currently researching energy management of buildings to shape power demand and benefit consumers by minimizing energy costs and enabling reliable smart grids with significant renewable generation.

"I am fortunate to have spent a significant part of my professional career working on technologies aimed at increasing the sustainability of our power delivery infrastructure," says Pratt.

Lawrence A. Sitz

B.S. Civil Engineering Technology '75
Chief Executive Officer
Emerick Construction Company
Portland, Oregon



Sitz credits his OSU education for giving him the foundation he needed to succeed in his career and serve his company's clients.

Larry Sitz claims Oregon State DNA in his mitochondrial chain. "Growing up in Burns, OSU was in our blood," says Sitz. "My dad is a graduate. I attended 4-H summer school, Boys' State, and annual football games on the campus."

So it wasn't surprising when Sitz enrolled as an engineering student. He completed a new program created specifically to meet construction industry needs.

Over the years, Sitz has climbed the ladder at Emerick — literally and figuratively — and now runs the company that is considered to be one of the Northwest's top general contractors. Along the way, he has continued to bring Oregon State interns and new employees to Emerick from the university.

Sitz credits his Oregon State education for giving him the foundation he needed to succeed in his career and serve his company's clients. "Civil engineering technology prepared me to step into a project engineering role at Emerick," says Sitz. "It also gave me a network of program alumni which has proven to be invaluable as I have moved through the leadership track at the company."

Medtronic

Proudly congratulates

Elizabeth Hammack

2013 Oregon Stater
Engineering Award Recipient

419250.022013 OSU

SLR
International Corporation

www.slrconsulting.com

Global Environmental Solutions

419238.022013 OSU

THE LEADER IN
ONLINE LOCAL NEWS.

PortlandTribune.com

Pamplin Media Group

PortlandTribune COMMUNITY
NEWSPAPERS

418815.022113

For a great education, turn to Oregon State.

For an education on the state of your community, turn to Pamplin Media Group.

As Oregon's largest group of newspapers, Pamplin Media Group is focused on providing great journalism for our communities and across the state.

We believe that our newspapers give our readers essential knowledge about important issues and the inspiration to contribute to the quality of life and economic futures of the place we call home.

But information and knowledge is not enough.

Great communities, and a great future for the people who live here, require individuals and institutions to work together to make things better.

We congratulate the winners of the 2013 Oregon State University Engineering Awards featured in this publication, and thank the university for being our ally in creating a better Oregon for our state's communities and its people.

Pamplin  Media Group

PortlandTribune  **COMMUNITY
NEWSPAPERS**

Forest Grove News-Times ■ Hillsboro Tribune ■ Beaverton Valley Times ■ The Times (Tigard and Tualatin) ■ Lake Oswego Review ■ West Linn Tidings ■ Portland Tribune ■ The Outlook (Gresham) ■ Sandy Post
Estacada News ■ Oregon City News ■ Clackamas Review ■ Spotlight (Scappoose) ■ Canby Herald ■ Molalla Pioneer ■ Wilsonville Spokesman ■ Woodburn Independent ■ The Newberg Graphic
■ Madras Pioneer ■ Sherwood Gazette ■ Regal Courier (King City) ■ SW Community Connection (SW Portland) ■ The Bee (SE Portland) ■ Boom ■ Sustainable Life

Oregon Stater Engineering Awards

Council of Early Career Engineers



Photograph courtesy Oregon State University

Nancy E. Adcock

B.S. Mechanical Engineering '01
Lead Structural Analyst
The Boeing Company
Everett, Washington



She earned a masters degree in mechanical engineering from University of Washington in 2009.

Nancy Adcock practiced teamwork in her role on the OSU women's basketball team, and it has served her well in her mechanical engineering career.

During her undergraduate studies, Adcock completed two internships with The Boeing Company and Freightliner

through OSU's Multiple Engineering Cooperative Program (MECOP). "The College of Engineering prepared me for the professional world by providing challenging classes on an individual level as well as a team level," says Adcock. "These opportunities made the transition to the workforce seamless."

After graduating, Adcock returned to The Boeing Company as a structural analyst with the 777 jet fuselage group, and was named 2011 Engineer of the Year for her work on that project.

She earned a masters degree in mechanical engineering from University of Washington in 2009.

Adcock mentors MECOP interns and is the Boeing representative for a Boeing/Oregon State collaborative mechanical engineering design class. "I have had the opportunity to be part of an excellent Oregon State team at Boeing," says Adcock. "I consider this an ongoing highlight of my career."

Meagan R. Bozeman

B.S. Mechanical Engineering '97
Director of Advanced Development
Supplies Strategy & Sustainability for
Solid Ink
Xerox Corporation
Wilsonville, Oregon



"I have been fortunate to work with many dedicated and innovative individuals while at Xerox."

Meagan Bozeman was an All-America Scholar athlete in her basketball career at George Fox University. She was also the first female to complete GFU's joint degree engineering program with Oregon State University.

She earned a B.S. in applied science in 1995.

"The challenging coursework and team project experiences at Oregon State built a foundation for solving technical problems in an organized, disciplined and collaborative way," says Bozeman.

Upon graduating, Bozeman went to work at Tektronix in Portland. Xerox became her employer after Tektronix's color printing and imaging division was purchased by the company in 2000.

"I have been fortunate to work with many dedicated and innovative individuals while at Xerox," says Bozeman. "The home grown solid ink technology that goes into our printers enables customers to produce beautiful and affordable prints with incredible ease of use and less impact on the environment. Having the opportunity to spread this message around the world via speaking engagements and conferences has been a great privilege."

Daniel J. DiSpaltro

B.S. Computer Science '07
Director of Product
Rackspace
San Francisco, California



He headed to Oregon State with his eyes set on computer science and his future imprinted by the university's Open Source Lab.

Dan Di Spaltro digitized his entrepreneurial parents' mailing services company in 2001 as sophomore in high school, and his future was cast. He headed to Oregon State with his eyes set on computer science and his future imprinted by the university's

Open Source Lab.

"Oregon State's open ethos drove my success professionally and personally," says Di Spaltro. "It's interesting how much impact an open culture can have on the planet. Incredible innovations are being made both in the business and academic world thanks to Open Source."

Di Spaltro started working at IBM after graduating, but he left the company and joined two other Oregon State graduates to develop the start-up Cloudkick, which focused on how the IT world managed and monitored servers in the Cloud. Rackspace Hosting, Inc. purchased their company in 2011 and Di Spaltro now runs its San Francisco office.

"Building a company from scratch is meaningful," says Di Spaltro. "Since Cloudkick and Rackspace merged, we have added 2,000 employees around the world and created jobs leading to a lot of Beavers finding a home down in San Francisco."

Council of Early Career Engineers

Bradley R. Eccleston

B.S. Nuclear Engineering '98
M.S. Nuclear Engineering '00
Federal Project Manager
United States Department of Energy
Richland, Washington



"Beyond a top-quality foundation in conceptual and practical engineering, OSU left me with many enduring lessons"

During the six years Bradley Eccleston spent in the military as part of the Naval Nuclear Propulsion Program, he became intrigued by the application of nuclear technology and committed to pursue his education and professional career in the field.

"Oregon State provided me the opportunity to realize that goal," says Eccleston. "When I returned to Oregon and realized I could merge my military training with an accredited professional program, the decision was easy. At OSU, I found a devoted and considerate faculty as skilled in their fields as they were helpful in the learning process."

Eccleston is currently responsible for resolving technical issues and challenges associated with the Hanford Nuclear Reservation's Waste Treatment and Immobilization Plant, which is the cornerstone of tank waste cleanup and protection of the nearby Columbia River.

"Beyond a top-quality foundation in conceptual and practical engineering, OSU left me with many enduring lessons," says Eccleston. "I learned to value people and their perspectives in the team experience, and to encourage and mentor young engineers as they carry forward the lessons of the past and the ethical roots of the profession."

Jeffrey J. Firth

B.S. Construction Engineering
Management '96
Partner & Project Manager
Hamilton Construction Company
Springfield, Oregon



"OSU taught me perseverance – never give up and always keep pursuing the answer."

Jeff Firth followed a strong family tradition when he joined the Beaver Nation. His intent was to learn how to design bridges, but a summer internship led to the discovery of how much he enjoyed the hands-on

challenges of heavy civil construction.

"The discipline and problem-solving perspectives I learned through OSU's Construction Engineering Management program have been critical to my success," says Firth. "OSU taught me perseverance – never give up and always keep pursuing the answer. I grew as an individual, learned from failures, achieved successes, and remain deeply appreciative of the friends I made along the way."

Firth has managed some of Oregon's largest highway and bridge building projects through his company's work for the Department of Transportation. He is currently leading the effort on the \$150 million Interstate-5 Willamette River Bridge. For the first time, ODOT will use the construction management/general contractor building method, thereby setting new standards for the future of heavy civil construction.

Gregg R. Landskov

B.S. Chemical Engineering '95
Director, Strategic Planning
T-Mobile USA
Bellevue, Washington



"My OSU education taught me how to think critically and approach problems systematically."

Oregon State University was an ideal place for Greg Landskov – a fantastic mix of challenging classes, nurturing atmosphere and great people. "My OSU education taught me how to think critically and approach problems systematically," says Landskov. "Perhaps most importantly, I

learned just as much outside of the classroom as in it. I learned about life – that is the sign of a special place."

As an engineer with a minor in business, Landskov was positioned to enter the rapidly expanding world of high technology. Although he got his feet wet at a small private chemical manufacturer, Landskov was soon headed for the San Francisco Bay Area, where he held positions as a marketing manager at Netscape and in the marketing IT group for Hewlett-Packard. He finally moved back to the Northwest as the strategic planner for T-Mobile USA.

"Being a part of the Netscape browser team as we launched the first commercial suite based on Mozilla had a huge impact in the industry," says Landskov. "The software still lives on as Firefox – one of the three most popular Internet browsers worldwide with more than 200 million downloads."

Brenda E. Marsh

B.S. Civil Engineering '01
Senior Engineer
Hannah-Reed and Associates
Kidlington, Oxfordshire, England



"My time at OSU gave me an excellent foundation of engineering knowledge on which I have built my career."

Brenda Shonkwiler Marsh took her skills and training across the pond to the British Isles. She works for Hannah-Reed, an 80-person firm with offices in five cities that provides project management and civil and structural engineering for civil, commercial, and residential construction projects.

A native Oregonian, Marsh earned her master's degree in civil/structural engineering from Cornell University after graduating from Oregon State. She spent professional time at KPFF Consulting Engineers and CH2M-Hill before leaving the United States.

"My time at OSU gave me an excellent foundation of engineering knowledge on which I have built my career," says Marsh. "Projects like the concrete canoe and steel bridge competitions built my enthusiasm for the discipline and inspired me to share that enthusiasm with future engineers."

In 2007, Marsh was named the IStructE Young Engineer of the year for achievements on a high school construction project in England. "I volunteer as a science and engineering ambassador to students of all ages," says Marsh. "I love facilitating engineering activities with primary school students and encouraging them to consider engineering as a fulfilling career."

Previous College of Engineering Award Winners

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



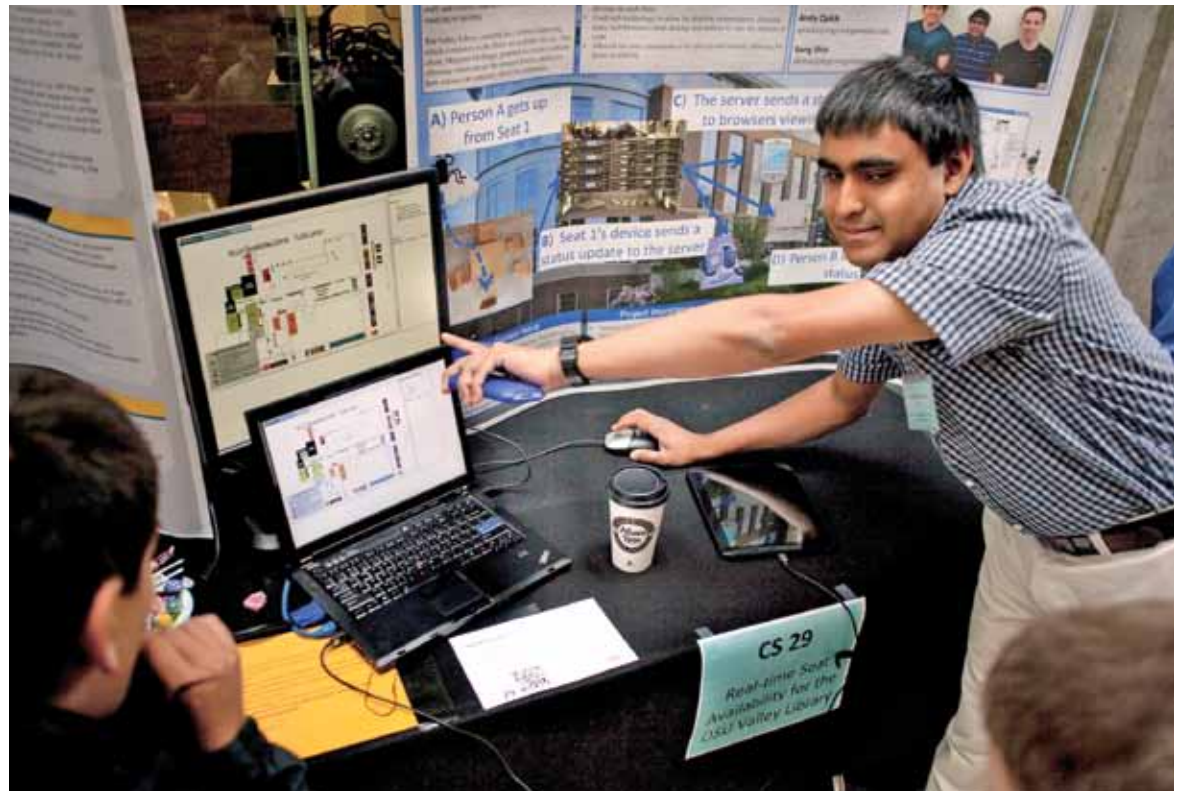
Photography by Hannah Gustin

Academy of Distinguished Engineers

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 CE 1979).....	1999
Donald R. Pettit (BS ChE 1978).....	1999

Previous College of Engineering Award Winners (continued)

AWARD WINNER	YEAR OF INDUCTION	AWARD WINNER	YEAR OF INDUCTION	AWARD WINNER	YEAR OF INDUCTION	AWARD WINNER	YEAR OF INDUCTION	AWARD WINNER	YEAR OF INDUCTION
Gregory P. Merten (BS EE 1968)	1999	Mary Mollison Coucher (BS ChE 1984)	2006	Gregory K. Delwiche (MS CE 1983)	2011	Herschel P. Weeks (MS AgE 1983)	2000	Steve Malany (BS CEM 1991)	2006
Louis A. Licht (MS AgE 1978)	1999	Maryam Aghamirzadeh (BS EE 1981)	2006	Hosung Chang (MS EE 1985, PhD EE 1993)	2011	Jay L. McQuillen Jr. (MS CE 1986)	2000	Tiffany Adams (BS CE 1995)	2006
Mark A. Lasswell (BS CS 1976, MS CS 1978)	1999	Mo Jamshidi (BS EE 1977)	2006	James Jake Vanderzanden (BS ME 1987)	2011	John G. Robinson (BS ME 1983)	2000	Bradley T. Hogan (BS IME 1991)	2007
Marvin E. LaVoie (BS EE 1974)	1999	Sadanand Patil (MS ChE 1981)	2006	Jeffrey K. Blank (BS ME 1990)	2011	Lori M. Strong (BS IME 1986)	2000	Eric K. Rockett (BS NE 1993)	2007
Randy McCourt (BS CE 1978)	1999	Scott Williams (BS CEM 1974)	2006	Kate Remley (BS EE 1992, MS ECE 1996, PhD ECE 1999)	2011	Richard D. Braatz Jr. (BS ChE 1988)	2000	Matt Boyd (MS BRE 1997)	2007
Richard K. Gardner (BS IE 1979)	1999	Stephen Mara (BS CE 1982)	2006	Mark G. Lyman (BS IME 1981)	2011	Shane D. Wall (BS ECE 1988)	2000	Michael J. Baker (BS CE 1991)	2007
Robin L. Feuerbacher (BS NE 1974)	1999	Tony S. Keller (BS GE 1978)	2006	Todd A. Wareing (BS NE 1987)	2011	Steven R. Van Arsdale (BS IME 1984)	2000	Ryan Fujimoto (BS ChE 1996)	2007
Thomas C. Madsen (BS ME 1969)	1999	Anton T. Skoro (BS CEM 1981)	2007	Valerie Brown (BS ChE 1980)	2011	William A. Oefelein (BS EE 1988)	2000	Sanjay Vancheeswaran (MS CE, Chemistry 1999)	2007
Thomas D. McGaw (BSME1972)	1999	Barry Rahimian (BS ME 1986)	2007	John D. Barton (BS CSE 1980)	2012	Scott C. Franz (BS ECE 1986)	2001	Scott C. Kveton (BS CS 1999)	2007
Timothy S. Leatherman (BS ME 1970)	1999	Carmen Tseng (BS EE 1983)	2007	Julie A. Bentz (BA General Science 1986)	2012	Andy P. Pihl (BS IE 1984)	2001	Brian K. Wilson Jr. (BS CS 1989, BS EP 1990)	2008
Dan R. Keuter (BS NE 1973)	2000	Catherine Mater (MS CE 1984)	2007	Katherine Dellett Hammack (BS ME 1981)	2012	Howard C. Yang (MS ECE 1987, PhD ECE 1990)	2001	Charla Triplett (MS BE 2000)	2008
David E. Isett (BS IE 1978)	2000	Craig L. Overhage (MS EE 1989)	2007	Leonard Weitman (BS IE 1978)	2012	James D. Rise (BS ME 1986)	2001	Dan D. Euhus (BS ChE 1999)	2008
Gary S. Nuss (BS AgE 1980, MS AgE 1982)	2000	David F. Skillern (BS Bus & Tech 1976)	2007	Mike Gann (BS ChE 1989)	2012	Janet Gulley (BS ME 1986)	2001	Dawn Lesley (MS BioE 1993)	2008
Giuseppe Cerbone (PhD CS 1992)	2000	Douglas J. Tindall (BS CE 1978)	2007	Richard A. Braatz (BS ChE 1988)	2012	Jerry Abdie (BS CS 1986)	2001	Jennifer A. Rosales (BS CE 1995)	2008
Jack Hurt (BS ME 1971; MS ME 1972)	2000	James D. Rise (BS ME 1986)	2007	Rick S. Heath (BS NE 1991, BS Health Physics 1991)	2012	Jim S. Gruher (BS IE 1983)	2001	Jon J. Amack (BS EE 1992)	2008
Jeffrey A. Coe (BS ChE 1974)	2000	Joseph P. Danko (MS ChE 1985)	2007	Rodney Ballard (BS CE 1978)	2012	Richard W. Latta (BS ChE 1987)	2001	Paul D. Stull III (BS CE 1993, MS CE 2004)	2008
Jeffrey B. Bradley (BS CE 1975; MS CE 1977)	2000	Kevin W. Clarke (BS EE 1988)	2007	Ron Khormaei (BS EE 1988, MS EE 1989, PhD EE 1995)	2012	Ronald G. Olshausen (BS CS 1985)	2001	Ryan Dow (BS CE 2000)	2008
Keith C. Kullberg (BS EE 1978)	2000	Michael C. Park (BS CS 1980)	2007	Council of Outstanding Early Career Engineers		Scott C. Franz (MS NE 1994, PhD NE 1997)	2001	Adam King (BS ChE 1993)	2009
Lane C. Wickwire (BS ME 1961)	2000	Parke D. Ball (BS CEM 1977)	2007	Curt A. Nilsen (BS EE 1987)	1998	Todd A. Wareing (BS NE 1987)	2001	Adi Kusma (BS IME 1998)	2009
Lori A. Craven (BS CS 1979)	2000	Pradip Banerjee (MS EE 1983)	2007	Darcy J. McCallum (MS CS 1993)	1998	William L. Drinkward (BS CE 1990)	2001	Angie L. Cook (BS ME 2003)	2009
Maurice E. Gunderson (BS ME 1974, MS ME 1976)	2000	Roderick J. Ray Jr. (BS ChE 1979)	2007	Jake VanderZanden (BS ME 1987)	1998	Bryan R. Lewis (BS NE 1986, MS NE 1992)	2003	Brian M. Davis (PhD CE, 2003)	2009
Max J. Clausen (BS NE 1970)	2000	Steven L. Stockton (BS CE 1971)	2007	Jay C. Compton (BS CE 1979)	1998	Donald M. Whitehead (BS CE 1988)	2003	Jason Smerud (MS BE 1998)	2009
Robert M. Mike Phelps (BS CE 1976)	2000	Timothy A. Dunn (BS EE 1988)	2007	Jeffrey L. Duncan (BS ChE 1980)	1998	Guojin Liang (PhD ECE 1991)	2003	John H. Weisner (BS CEM 1995)	2009
Ronald K. Hanson (BS 1961)	2000	Timothy L. Weber (BS ME 1986, PhD ME 1991)	2007	Joan O. Heaberlin (PhD NE 1997)	1998	Jonathan J. JJ Cadiz (BS CS 1997)	2003	Peter Koonce (BS CE 1995)	2009
Alfred J. McSwain (BS ME 1964)	2001	W. Louis Peterson (BS NE 1984)	2007	Mark A. Christensen (BS NE 1982)	1998	Marcus H. Wilcox (MS ME 1989)	2003	Seth M. Sproul (BS NE 1997)	2009
Cleora F. Raulerson (BS CS 1976)	2001	William J. Roesch (BS EE 1981)	2007	Richard P. Tolvstad (BS CEM 1987)	1998	Robert J. Crawford (BS IE 1985)	2003	Yui-Luen Jeremy Ho (BS EE 1990; MS EE 1992)	2009
David Hacklebee (BS EE 1973)	2001	William O. Nicholson (BS NE 1980)	2007	Roger M. Nielsen (BS IE 1983)	1998	Salvador M. Aceves (BS IME 1990)	2003	Eric G. Hulbert (BS CS 1999)	2010
DeQian Wang (MS AgE 1987, PhD ME 1990)	2001	Allen G. Crouch (BS CS 1986)	2008	Scott A. Ashford (BS CE 1983)	1998	W. Scott Hoodenpyle (BS CEM 1989)	2003	Kathryn M. Brock (MS Env. Health 1999)	2010
Gary Hall (BS ChE 1969)	2001	David G. Rynders (MS RHP 1997)	2008	Timothy L. Weber (PhD ME 1991)	1998	Dennis Burger, Jr. (BS CS 1987)	2004	Kelsy M. Ausland (BS CE 2002, BA CE 2002)	2010
Jack W. Lentsch, (BS Chem 1965, MS Radiation Physics 1966)	2001	Direk Lavansiri (PhD CE 1977)	2008	Tod A. Laursen (BS ME 1986)	1998	Greg V. Thompson (BS CE 1992)	2004	Lisa J. Graham (BS ChE 1996, PhD ChE 1999)	2010
Jen-Hsun Huang (BS EE 1984)	2001	George D. Rose (MS Math 1972, PhD 1976)	2008	Tung X. Bui (BS EE 1988)	1998	Jania Ranasinghe (MS ME 1986, PhD ME 1989)	2004	Timothy N. Bergler (BS IME 1997)	2010
Michael J. Schaer (MS ChE 1962, PhD ChE 1965)	2001	Grant M. Yoshihara (BS NE 1978, MS NE 1980)	2008	Christopher M. Carpenter (BS ME 1985)	1999	John F. McKibben (BS ChE 1984)	2004	Andrew Dykeman (BS CEM 1997)	2011
Patrick R. O'Brien, (BS CEM 1973)	2001	Janet L. Redmond (BS AE 1985)	2008	Debra Walt Johnson (BS EE1995)	1999	Ken Boden (BS CEM 1988)	2004	Jeff Freeman (BS IME 1997)	2011
Richard B. Evans (BS IE 1969)	2001	Jay C. Eisenlohr (BS ME 1977)	2008	Eric Johnson (BS CS 1984)	1999	L. Eric Smith (BS NE 1994)	2004	Kent B. Welter (MS NE 2001, PhD NE 2003)	2011
Robert G. Joviss (BS CE 1970)	2001	John E. Macnab (BS AgE 1975, MS AgE 1976)	2008	Galen E. McGill (BS EE 1987)	1999	Patrick Jensen (BS EE 1989)	2004	Thana Sornchamni (MS ChE 2001, PhD ChE 2004)	2011
Timothy W. Tong (BS ME 1976)	2001	Kheng-Joo Khaw (BS ECE 1982)	2008	James A. Johnson (BS 1984)	1999	Sterling L. Smith (BS EE 1990)	2004	Young Kim (MS CE 1997, PhD CE 2000)	2011
Chane C. Cullens (MS CS 1984)	2003	Loren K. Brown (BS CEM 1977)	2008	Janet G. McFadden (BS CE 1979)	1999	Craig M. Marianno (PhD RHP 2000)	2005	Yunteng Huang (PhD ECE 1997)	2011
Dale K. Atkinson (BS NE 1978)	2003	Mohammad Faghri (PhD ME 1973)	2008	Peter Oosterhof (BS CS1987)	1999	Harish Pillay (BS CS 1988, MS EE 1990)	2005	Alex Polvi (BS CS 2007)	2012
David R. Hatch (BS CE 1976, MS CE 1978)	2003	Paula J. Hammond (BS CE 1979)	2008	Richard K. Tenneson (BS CEM 1985)	1999	Janet G. McFadden (BS NE 1992)	2005	Andrew Hill (BS ME 2000)	2012
Gary Kaleita	2003	Randy L. Schussler (BS IE 1987)	2008	Steven C. Lovejoy (BS ME 1987, MS ME 1989)	1999	Patricia A. McDonald (BS ChE 1987)	2005	Brian Hales Timmins (MS EnvE 2001)	2012
Gary W. McNair (BS, MS, PhD, NE 1983)	2003	Saeed A. Kazmi (MS EE 1976)	2008	Allan A. Douglas (MS EE 1993)	2000	Steven D. Townsen (BS CE 1994)	2005	Bryan D. Kirkpatrick (BS NE 1994)	2012
Gregory E. DiLoreto (BS CE 1976)	2003	Scott A. Stevenson (BS ChE 1982)	2008	Brent J. Kerr (BS CE 1983)	2000	Ben Wahlstrom (BS ME 1996)	2006	Derek Brice (BS NE 1995, MS NE 1998)	2012
John T. Myers III (BS ME 1970)	2003	Shane D. Wall (BS CpE 1988)	2008	Brian J. Cox (BS ME 1981)	2000	David Y. Young (BS EE 1989; MS EE 1992)	2006	Ian C. Wendler (BS IME 2000)	2012
Jon S. DeVaan (BS CS 1985)	2003	Ajit G. Rode (MS EE 1976; PhD EE 1978)	2009	Byung-Oh Cho (MS NE 1988; PhD NE 1991)	2000	Junku Yuh (MS ME 1982; PhD ME 1986)	2006	J.D. Vetter (BS CEM 1997, BS BA 1997)	2012
Landis D. Kannberg (PhD ME 1976)	2003	Cheryl L. Britton (BS CS 1977)	2009			Keith A. Pauley (BS NE 1988, MS NE 1995)	2006	Randy Hoffman (BS EE 2000, MS EE 2002)	2012
Mark A. Christensen (BS IE 1982)	2003	Christopher Gesh (BS NE 1988)	2009			Marc A. Leslie (BS ChE 1993)	2006	Stacy J. Frost (BS CE 2001)	2012
Michael A. Van Buskirk (BS EE 1977)	2003	Dan L. Kavanaugh (BS CEM 1982)	2009						
Michael D. Brady (PhD ChE 1968)	2003	Darrell A. Teegarden (BS ChE 1980)	2009						
Michael G. West (BS EE 1980)	2003	Donald R. Chambers (BS Eng. Phys. 1973)	2009						
Randal Conrads (BS IE 1972)	2003	Gayle D. Harley (BS CE 1973)	2009						
Ronald A. Dilbeck (BS EE 1975)	2003	Howard C. Yang (MS EE 1987; PhD EE 1990)	2009						
Terry C. Valenzano (BS CE 1967)	2003	Jay C. Compton (BS CEM 1979)	2009						
Catherine M. Nelson (BS CE 1982)	2004	Jeff Ammon (BS NE 2001)	2009						
David J. Brown (MS EE 1983)	2004	John Barneson (BS IME 1998)	2009						
Huei Liang (William) Chang (BS EE 1981)	2004	Kelton M. Peery (BS ME 1972)	2009						
J. Craig Dutton (MS ME 1975)	2004	Mark Frank Madison (BS AE 1979)	2009						
James A. Johnson (BS IE 1984)	2004	Michael D. Miles PE (BS ME 1980)	2009						
James L. Buel (BS ChE 1975)	2004	Mitch Nichols (MS Industrial Education 1981)	2009						
Jeffrey E. Klemann (BS ME 1984)	2004	Nivruti Rai (MS IE 1993)	2009						
Kyle Doyel (BS ChE 1980, BS Bus Admin 1980)	2004	Robert Lee Cheatham (BS EE 1978)	2009						
Michael W. Cappiello (BS NE 1974)	2004	Suzanne Townsen (BS CE 1977, MS CE 1986)	2009						
Susanna M. Laszlo (BS CE 1983, BS Forest Eng. 1983)	2004	Taymoor Arshi (PhD CS 1982)	2009						
William A. Bill Sundermeier (BS CS 1985)	2004	William R. McHolick (BS ChE 1980)	2009						
Barry J. Winstead (BS ME 1980)	2005	Abdulla A. Al-Joab (BS CE 1989, MS CE 1990, PhD CE 1994)	2010						
Denise J. Ecklund (PhD CS 1987)	2005	Daniel J. Brose (BS ChE 1984)	2010						
Edward A. Froese (BS EE 1972)	2005	David A. Brockman (BS Gen. Sci. 1986)	2010						
J. Scott Carr (BS CS 1984)	2005	Douglas M. Carmean (BS EE 1985)	2010						
James W. Pond Jr. (MS IME 1971)	2005	Douglas W. Fisher (BS EE 1985)	2010						
Jay L. McQuillen Jr. (MS CE 1986)	2005	John S. Uczekaj (BS EE 1981)	2010						
Jeffrey A. Benjamin (BS NE 1985)	2005	Michael B. Stowell (BS ME 1980)	2010						
Kay E. Altman (BS ChE 1987)	2005	Nabilah M. Al-Tunisi (MS ECE 1982)	2010						
Norkun Sitthiphong (MS ME 1977, PhD ME 1981)	2005	Paul M. Sakamoto (BS EE 1977)	2010						
Randall L. Smith (BS CE 1977)	2005	Richard J. Sander (BS IME 1983)	2010						
Richard R. Duncombe (BS EE 1981)	2005	Stanley C. Lynch (BS NE 1973)	2010						
Roger M. Nielsen (BS IME 1983)	2005	Stephen H. McDonald (BS ChE 1978)	2010						
Thomas R. McKinney (BS ChE 1973)	2005	Tod A. Laursen (BS ME 1986)	2010						
Walter R. Gamble (BS CEM 1969)	2005	Tony Kingsbury (BS ChE 1983)	2010						
Abhi Y. Talwalkar (BS EE 1986)	2006	Walter G. Kortschak (BS ChE 1981)	2010						
Ahmed Abdel-Warith (PhD 1990)	2006	Bahram Nassersharif (PhD NE 1982)	2011						
Chaur-Fong Chen (MS AE 1989, PhD CE 1992)	2006	C. John Meagher (BS CEM 1978)	2011						
David Allstot (MS EE 1974)	2006	Coe F. Miles (BS EE 1984)	2011						
David Browning (BS ME 1986)	2006	Duane Kenagy (BS CE 1979)	2011						
J. Gary Lanthrum (BS NE 1975, MS NE 1978)	2006	Gary A. Pietrok (BS CEM 1984)	2011						
Manuk Colakyan (MS ChE 1980, PhD ChE 1985)	2006								



Photography by Jeff Basinger



Hall of Fame

Jen-Hsun Huang
Co-founder,
Pres. & CEO
NVIDIA

OSU School of Electrical Engineering and Computer Science Educating today's leaders

As entrepreneurs, researchers, innovators, and leaders, graduates from Oregon State's School of Electrical Engineering and Computer Science are changing the world. We would like to congratulate our 2013 Oregon Stater award winners.

Academy



Peter Gassner
Founder, Pres. &
CEO
Veeva Systems



Manoj Gujral
VP & GM (retired),
Broadband &
Consumer Division
Cavium Networks



Jeffrey Harvey
Pres. & CEO
Burgerville



Steve Pawlowski
Senior Fellow & GM,
Central Architecture
& Planning
Intel



Annabelle Pratt
Senior Power
Research Engineer
Intel



Daniel Di Spaltro
Director, Business
Operations
Rackspace

Council

Oregon State Ecampus

COMPUTER SCIENCE – ONLINE

The road to leadership starts here.

An online degree program that prepares you to be a leader in an innovative world requires innovation and leadership on all fronts. That's exactly what you get when you study computer science through Oregon State Ecampus. We now offer this unique online post-baccalaureate program that allows you to earn an **additional bachelor's degree in as little as a year**. And it's all from a university that is consistently ranked among the nation's 10 best providers of online education. Experience it for yourself.

Apply today!

800-667-1465

ecampus.oregonstate.edu/cs-stater

Oregon State
UNIVERSITY