



WPI

The One Hundred Forty-Sixth
C O M M E N C E M E N T

ELEVEN O'CLOCK • SATURDAY
THE SEVENTEENTH OF MAY
TWO THOUSAND FOURTEEN
WPI QUADRANGLE

Worcester Polytechnic Institute

PROGRAM

Prelude	WPI Brass Ensemble Douglas G. Weeks, Conductor
Processional	Led by the Honorary Marshal and the Honorary Marshal for Graduate Students <i>Full details on page 53</i>
Call to Order	Warner S. Fletcher Chairman, WPI Board of Trustees
National Anthem	<i>The audience is invited to join in the singing</i>
Invocation	Rev. Matthew L. James Pastor, Trinity Lutheran Church, Worcester WPI Campus Chaplain
Student Remarks	“A Different Perspective?” Joseph F. Gay ’14
Presentation of the Class of 2014 Campaign Gift	Phillip Blake ’14 Monolina Binny ’14
Remarks from the Alumni Association	Myles A. Walton ’97, President, Alumni Association
Recognition of ROTC Graduates	Philip B. Ryan ’65, President
Presentation of the Chairman’s Exemplary Faculty Prize	Eric W. Overström, Provost
Presentation of the Presidential Medal	President Ryan
Conferring of Honorary Degrees	President Ryan
Commencement Address	Bernard Amadei, Founder, Engineers Without Borders; Professor, University of Colorado Boulder
Presentation of Candidates for Degrees	Provost Overström
Conferring of Degrees	President Ryan
Charge from the President	President Ryan
Alma Mater	Joshua Croke ’14 <i>Words and music on page 56</i>
Benediction	Rev. Matthew L. James
Recessional	WPI Brass Ensemble

The audience is requested to remain standing until the end of the national anthem.

At the conclusion of the Commencement exercises, the audience is requested to remain standing until the academic procession has left the Quadrangle.

PROGRAM NOTES

Several longstanding campus traditions infuse the WPI spirit, two of which will be in evidence during today's Commencement ceremony.

Crossing Earle Bridge is one of the oldest. To visitors, the bridge is a lovely pathway connecting the east and west sides of campus. For WPI students, the span plays a symbolic role at the start and end of their undergraduate careers. Traditionally, students cross the bridge as an entire class only twice during their four years: at Convocation, when they are welcomed as first year students, and at Commencement, as they process toward the Quadrangle.

Another tradition involves the WPI seal in the center of the Quad. Throughout their four years, undergrads make a point of walking around the seal, for it is said that students who step directly on the landmark won't graduate on time. That this tradition is upheld is most evident during the snowy winter months. After four years of avoidance (not to mention four years of hard work and intense studying), each graduate will walk directly over the seal as part of today's ceremony.

Performing the national anthem this year are seniors Paul Bender, Janelle Boucher, Anthony Cangelo, Megan Cann, Joshua Croke, Anthony DeCicco, Rebecca Draper, Anthony Guerra, Brendan Henrich, Kevin Hufnagle, David Karbassi, Louisa King, Giovanna Olson, Merrielle Ondreicka, Katelyn Puttre, Laura Sandford, Andrew Smith, Jack Tyson, Melanie Wiater, and Eileen Wrabel.

The Senior Class Gift is presented by gift committee chairs Phillip Blake and Monolina Binny. This year's gift is a set of three garden swings to be installed in the arbor in the side yard of Higgins House. Gifted to WPI in 1970, Higgins House and its gardens are enjoyed by the entire campus community, and the Class of 2014 hopes the swings will encourage even more use of the outdoor space.

Student speaker **Joseph Gay '14** is graduating with a BS in mechanical engineering with a materials science and engineering concentration.

The Charlton, Mass., native has served as treasurer of the Social Committee (SocComm), as section editor of the Peddler (yearbook), and as a Crimson Key tour guide. He is a member of Phi Kappa Theta fraternity.

Joe's IQP took him to Thailand, where he worked with coffee farmers to improve farming practices. His MQP focused on the feasibility of using magnesium for a fracture fixation technique on the elbow.



As the processional begins, members of the faculty, attired in colorful robes and hoods, line both sides of Earle Bridge to pay tribute to the graduates as they cross the bridge for the final time before receiving their diplomas.

See page 53 for more notes about Commencement Day.

CHAIRMAN'S PRIZE RECIPIENT

TERRI A. CAMESANO

To perform their functions—whether starting infections or causing tooth decay—bacteria must stick to surfaces, where they can form antibiotic-resistant colonies called biofilms. For more than a decade, Terri Camesano has been conducting pioneering research on the biochemical mechanisms bacteria use to adhere to substrates and exploiting that knowledge to find ways to prevent biofilm formation.

Beginning with a highly prestigious National Science Foundation CAREER Award, and continuing with awards from the NSF, the National Institutes of Health, the U.S. Army, and other organizations, Camesano has developed novel techniques for studying her tiny subjects. For example, using the atomic force microscope to measure the forces that hold bacteria in place, she showed how *E. coli* stick to cells in the urinary tract, and how compounds in cranberry juice prevent infections.

She is also studying natural antimicrobial peptides, with the goal of developing coatings that can prevent biofilm formation on all kinds of surfaces, including medical implants. And she is exploring tools that can kill virulent bacteria in soil. Her research has resulted in more than 60 scholarly publications and book chapters, one edited book, more than 100 presentations, and invited lectures in the United States, Australia, and Europe.

Camesano brings her enthusiasm for discovery to her work as an educator. She excels at infusing her courses with the immediacy of her ongoing research, and she welcomes undergraduates into her lab; many have won awards or published their work. In 2002 she established a partnership with École Nationale Supérieure des Industries Chimiques in Nancy, France, through which chemical engineering majors gain global experience while working on projects.

Camesano has spearheaded several federally funded programs for students from middle school to graduate school. As principal investigator for an NSF Research Experience for Undergraduates program, she gave students the opportunity to inspire future scientists and engineers by teaching in the two-

week BioDiscovery Camp for middle school girls. She later founded an innovative program—also funded by the NSF—through which middle school teachers design curricular units in bioengineering to use in their classrooms. Both programs aim, in part, to inspire girls to think about pursuing careers in engineering.

Currently, Camesano is the principal investigator on five-year, \$3 million award through the NSF's highly competitive Integrative Graduate Education and Research Traineeship (IGERT) program. The first such award received by WPI, it is funding an innovative graduate program in biofabrication through which students learn to conduct research and then translate their discoveries into innovative solutions that can improve people's lives.

Despite the heavy demands of research, teaching, and advising, Camesano has been active in service to the university and her profession. At WPI, she has served on numerous faculty and administrative committees. To explore her interest in academic administration, she applied for and won an appointment as a HERS Faculty Fellow at the Wellesley College Institute for Women in Higher Education Administration and was selected for the inaugural class of ELATE (Executive Leadership in Academic Technology and Engineering) fellows at Drexel University. With that preparation, she was named WPI's first assistant dean of engineering. Beyond WPI, she is on the editorial board for the highly regarded journal *Applied & Environmental Microbiology* and is organizing the Advanced Research Workshop on Nanotechnology to Aid Chemical and Biological Defense; funded by NATO, it will take place this fall in Turkey.

For her groundbreaking research on bacterial adhesion, her innovative contributions to scientific and technological education, and her service to WPI and the chemical engineering profession, WPI is proud to confer upon Terri Camesano the 2014 Chairman's Exemplary Faculty Prize.



The Chairman's Exemplary Faculty Prize was established in 2007 through the personal philanthropy of Donald K. Peterson '71, former chair of the WPI Board of Trustees. Current Board Chair Warner Fletcher is proud to continue the tradition established by Mr. Peterson.

PRESIDENTIAL MEDAL RECIPIENT

TAREK M. A. AL-SHAWAF '55

In the early 1950s, as technical engineering skills were in great demand worldwide, the Kingdom of Saudi Arabia had extensive needs for developing its infrastructure. In 1952 the Kingdom sent a young student named Tarek Al-Shawaf to study civil engineering at WPI; he was one of the first to benefit from government programs that sought to build the nation's technical capabilities by awarding scholarships for overseas engineering education.

During his time at WPI, Tarek Al-Shawaf demonstrated true leadership in intellect, civics, and athletics, serving in student government and joining the debating club, the varsity soccer team, and the tennis team. He was also vice president of WPI's chapter of the American Society of Civil Engineers and a member of the Theta Chi fraternity.

Having earned his bachelor's degree in civil engineering, he returned to Saudi Arabia in 1955 and immediately put his skills to work. He got his start as a junior engineer for the region's largest contractor, living and working in remote areas of the desert. In 1965 he put on hold his lifelong dream of establishing his own business to serve his country as director general of projects and advisor to the minister of agriculture and water. In 1967 he was ready to launch his own consulting engineering firm in Riyadh, the capital of Saudi Arabia. He named it Saudi Consulting Services, better known today as Saudconsult.

Saudconsult is now the oldest and largest engineering and architectural firm in Saudi Arabia. It has grown along with the Kingdom, constructing numerous industrial projects, transportation systems, modern housing facilities, schools, medical facilities, power plants, water and wastewater projects, harbors, marinas, and airports. It has participated in various water desalinization projects along the west and east coasts of the Kingdom, which has the largest water desalinization program in the world. It has also taken the lead on an array of oil and gas projects that continue to help the nation capitalize on the world's largest oil reserve.

From a modest start, Saudconsult has grown to employ

more than 2,000 engineers, architects, consultants, designers, technicians, and other staff. The firm's influence has also grown well beyond the borders of Saudi Arabia, as it has completed architectural and engineering projects in a long list of nations, including Lebanon, Yemen, Sudan, Sierra Leone, Mali, Djibouti, and Azerbaijan. It now has six offices in Saudi Arabia and overseas offices in London, Cairo, and Bahrain.

In addition to acting as founder, president, and chairman of Saudconsult, Tarek Al-Shawaf plays an influential role in his community, where he has held such titles as director of the International Road Federation; vice chairman of the Federation of Consultants from Islamic Countries; founding member of the Steering Committees of the U.S. Saudi Arabian Business Council; and a founder of the prestigious Saudi equestrian club, which he has served as a member of the board of directors and secretary general of the board. He also continues to propel WPI's influence across the globe. He has so far sponsored five scholarships for students from the Middle East to attend WPI; all of the recipients have

excelled at WPI and gone on to successful careers.

The university has recognized Tarek Al-Shawaf's leadership several times through the years. In 1990, in recognition of his professional and civic achievements, it awarded him an honorary doctorate in engineering. Five years later, as he celebrated his 40th anniversary, he received the WPI Alumni Association's Robert H. Goddard Alumni Award for Outstanding Professional Achievement. He has expressed his gratitude to his alma mater through service, in particular as a longtime member of the Civil and Environmental Engineering Department Advisory Board and as a member of the President's International Advisory Board.

For his extraordinary career as an entrepreneur and business leader, his global contributions as an engineer and pioneer in urban development and infrastructure, and his generous service to his alma mater, the Institute is proud to present the WPI Presidential Medal to Tarek Al-Shawaf.



HONORARY DEGREE RECIPIENT

ROBERT A. FOISIE '56

DOCTOR OF ENGINEERING

Bob Foisie learned early in life that if you really want something, you have to work for it. An honor roll student in high school, he held down jobs as a clerk and a truck driver to earn money for college. It was only with the funds he'd saved and help from a small local scholarship that he was able to enroll at WPI, becoming the first member of his family to attend college. When he earned his degree in mechanical engineering in 1956, he vowed that he would one day help other young men and women achieve their dreams. In the intervening years, he has fulfilled that pledge in spectacular fashion, giving more than \$63 million to create scholarships that have, so far, supported close to 600 WPI students.

Foisie began his career as a test engineer with Hamilton Standard. After earning a master's degree at Cornell University, he joined the Pratt & Whitney Aircraft Division in his native Hartford, Connecticut, where his entrepreneurial spirit helped him become assistant to the chief production engineer. He distinguished himself early on when he discovered and patented a way to simplify the fuel control valve for jet aircraft, making it more efficient and less expensive.

He went on to become founder and president of Matik North America Inc., an import, distribution, and service firm in the paper processing industry. He also owned a Swiss company that makes carton and packaging machinery. Today, he maintains business interests in a variety of industries, including telecommunications and real estate. In 1991, WPI honored Foisie, who served the university as an active trustee from 1993 to 2007 and has been an emeritus trustee since then, by bestowing on him the Robert H. Goddard Alumni Award for Outstanding Professional Achievement.

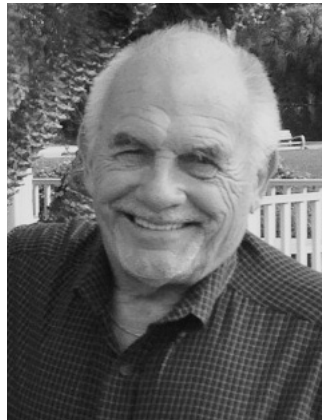
It was also in 1991, as he prepared to celebrate the 35th anniversary of his WPI graduation, that he created his first scholarship fund, for engineering students, with a gift of \$1 million. He used the gift to honor the memory of several WPI professors—Harry B. Feldman, Donald E. Johnson,

Kenneth G. Merriam, Edward C. Brown, Allan E. Parker, and Fred N. Webster—who made a lasting impression on him through their competence and concern for students. "Those fond memories have fueled my dream of establishing a scholarship fund to support qualified students with financial need and a burning ambition to make a difference in the world," he said at the time.

A gift of \$1.3 million followed in 1993 (used partly for scholarships and partly for the Campus Center) and another, of \$1 million, arrived in 1994. In 2011 Foisie made one of the largest gifts in WPI's history, up to that time: \$9.4 million to support the Robert Foisie Scholars Fund, which he had established for undergraduate students in 2009. Each year, through the fund, 10 incoming undergraduate students who were at the top of their high school classes are selected to each receive a four-year full scholarship, along with a one-time allowance for a WPI global studies experience.

Two days ago, the WPI community learned that Robert Foisie has made plans for his most significant gift, which is also the largest gift the university has ever received: \$40 million for undergraduate scholarships. In recognition of his extraordinary and inspiring record of generosity and his devotion to helping young people achieve their aspiration to attend WPI, the university will name Alumni Gymnasium, which is being transformed into a center for educational innovation, and the School of Business in his honor.

For his entrepreneurial spirit, dedication, and vision, through which he has built a highly successful career; for his loyalty and service to his alma mater; and for his extraordinary generosity, which has already opened the door of opportunity to hundreds of WPI students and which will benefit students for generations to come, WPI is honored to confer upon Robert Foisie the degree of Doctor of Engineering, *Honoris Causa*.



HONORARY DEGREE RECIPIENT

SHEILA M. HARRITY DOCTOR OF HUMANE LETTERS

When Sheila Harrity was named principal of Worcester Technical High School in 2006, it was one of the lowest performing schools in the state. Today, it is a national success story. In fact, U.S. Secretary of Education Arne Duncan has visited to learn more about the school's extensive career training programs. Next month the school will have another high-profile guest when President Barack Obama delivers its Commencement address.

Harrity, who was born and raised in Worcester, is quick to share credit for Worcester Technical High School's remarkable transformation with its faculty, staff, and students, and the local community. But there's no denying that she has been a guiding force in its ascension. After all, that's why she was named the 2014 MetLife/National Association of Secondary School Principals National Principal of the Year and the 2013 Massachusetts Principal of the Year.

The numbers speak volumes: In 2006, when the school moved to a new \$90 million building, its graduation rate was just over 79 percent; by 2013 it was 95 percent, and the dropout rate had fallen by nearly 80 percent. Eight years ago only 27 percent of students achieved advance or proficient status in English language arts, and only 35 percent in math. Those numbers have skyrocketed to 88 percent and 78 percent. The school began offering AP courses in 2008, and in just two years the number of AP students doubled and credit-qualifying scores rose more than 60 percent.

What started in 1910 as a boys' trade school has evolved into a state-of-the-art institution, with wide-ranging courses of study that include design and engineering, health and human services, and information technology. It's also one of the only selective-enrollment schools in Worcester. Students are now so eager to attend what has become the largest high school in the city, that only 47 percent of incoming freshman could be accepted in 2012.

Career development has long been a driving force for Harrity. She received her BA in social work at Providence College and two master's degrees—one in early childhood

education from Worcester State University and another in moderate special needs education from Assumption College. She recently earned her doctorate in education at Northeastern University.

In addition to serving as a teacher for many years (she was Worcester's 1999 Teacher of the Year), Harrity spent five years as the school-to-career coordinator for five area high schools. She has guided students in exploring career options through

Worcester's Comprehensive Skills Center and has helped place 2,100 kids in summer jobs through Work for Worcester's Youth. She served as principal of Wachusett Regional High School before assuming her current post.

Thanks to Harrity's leadership, students no longer slog through the day in hopes of merely earning a diploma. Instead, Worcester Technical High School has developed 24 cutting-edge vocational programs and surrounded itself with 350 industry advisors. The result: students get real-world experience working with the public in the school's own restaurant, a L'Oréal/Redkin salon and day spa, a 16-bay automotive service center, and a

full-service bank. They have also worked with WPI students to build an energy-efficient house for the 2013 Solar Decathlon in China, and will next year build a new footbridge for Worcester's Elm Park that WPI students designed.

It is not surprising that the school has received a number of other accolades with Harrity at its helm. They include being named a 2011 MetLife Foundation-NASSP Breakthrough School (the award recognizes schools with high poverty rates that dramatically improve achievement) and a 2013 U.S. Department of Education National Blue Ribbon School (an award honoring great American schools).

For her tireless dedication to developing students' potential, her leadership in making Worcester a nationally recognized city for secondary education, and her generosity of time and resources to ensure that young people have the opportunities to pursue their dreams and realize their full potential, WPI is honored to confer upon Sheila Harrity the degree of Doctor of Humane Letters, *Honoris Causa*.



HONORARY DEGREE RECIPIENT

STEPHEN E. RUBIN '74

DOCTOR OF ENGINEERING

Steve Rubin has never shied away from a challenge. He enrolled at WPI in 1970, just after the faculty approved the WPI Plan. When WPI put out a call for a pioneering group of students to switch to the new project-based curriculum in 1971, he jumped in with both feet. Three years later, he was not only one of the first Plan graduates, but one of the first WPI students to earn a bachelor's degree in computer science.

With his diploma in hand, he was ready for the next challenge: starting his own company. To gain experience, he worked for EMC Controls in Maryland and Copeland and Roland Inc. in Ohio. In both positions, he drew on what he'd learned about developing computer programs for process control while completing his Major Qualifying Project at WPI. Missing the East Coast, he and his wife, Tracy, decided to take the plunge and return home to build their own business.

In the basement of their home, they started what would become Intellution (short for Intelligent Solutions) in 1980. They had five employees at first; most were fellow WPI graduates, people Rubin knew he could count on to jump in and begin solving problems. Filling a specialized niche, the company produced software for fully integrated industrial control systems; it grew to become the world's leading developer of industrial automation software, doing business with an array of Fortune 500 companies and employing 300 in offices in the United States, Europe, and Asia.

After the business was acquired by Emerson Electric in 1995, Rubin went on to help found and run several other start-ups (often with WPI alumni in senior positions). He is currently president and CEO of Recognis, which helps institutions, like WPI, track and manage the efforts of their donors and the plaques and other items that recognize their contributions.

It has often been challenging to keep up with Rubin's own innumerable contributions. He has given generously to WPI, not just monetarily, but in leadership, knowledge, and service.

An active and engaged trustee from 1996 to 2013, the last three years as board chairman, he helped guide the Institute through a period of historic growth and recognition. He has supported student scholarships, global projects, faculty research, and facilities, among many other aspects of the university's operation.

A frequent presence on campus, he is widely recognized, wherever he goes, for his enthusiasm and loyalty to his alma mater. Beyond WPI, he has advised, invested in, and managed a large number of emerging technology companies, and, throughout his career, he has developed relationships with prominent corporations. Even in these activities, he has kept WPI top of mind, frequently securing resources for the school, from sponsorships to software.

In 1989 WPI honored Rubin with the Ichabod Washburn Award, for outstanding professional achievement at a young age. He went on to become one of the youngest Presidential Founders, in honor of lifetime giving that matched that of WPI founder John Boynton, and he was honored for his service to WPI with the Herbert F. Taylor Alumni Award. In 2011, during its centennial year, Rubin was inducted into Skull, the senior honorary society. Tradition calls for new members to undergo a series of educational rituals, and Rubin gladly traveled to campus each week during the initiation period to become immersed in WPI and Worcester lore. Although he was initially hesitant to see his name emblazoned on a building, in 2013 he graciously accepted the Institute's gesture of gratitude: naming the Campus Center—a building whose construction he supported and which often serves as his "office" during his frequent visits to WPI—in his honor.

For his energy, his continual mentorship of students, his entrepreneurial spirit, and his dedication to advancing the university wherever he goes, WPI is honored to bestow upon Stephen Rubin the degree of Doctor of Engineering, *Honoris Causa*.



HONORARY DEGREE RECIPIENT

BERNARD AMADEI DOCTOR OF ENGINEERING

Bernard Amadei doesn't just give fish to a hungry village, and he doesn't just teach villagers how to catch their own. The holder of the Mortenson Endowed Chair in Global Engineering and professor of civil engineering at the University of Colorado Boulder shows communities how to create an entire fishing industry. He calls it "engineering for the 90 percent."

It was in 2001 that Amadei's life changed. On a visit to a small Mayan village in Belize he met a young girl whose job was to carry water from the river to the village, over and over again. Because of that responsibility, he learned, the girl was unable to go to school. In time he returned to the village with 12 University of Colorado students who brought \$14,000 they had raised and a desire to make a difference. Together, they designed a pump that could propel water 120 feet—from the river to the village—without electricity or fuel.

The experience taught Amadei an important lesson about education. He observed how his students were driven to solve this practical design challenge. He saw how a real-world engineering problem engaged them in a way that classroom work didn't seem to. He was inspired to create Engineers Without Borders USA and, later, EWB International. Both programs match students and faculty members with local partners to identify problems around the world related to water supply, sanitation, energy, agriculture, civil works, structures, and information systems and solve them through engineering.

Amadei is a prime example of the impact of *lehr und kunst*, or the balance of theory and practice that is at the heart of WPI's approach to education. Under his guidance, EWB has grown to nearly 14,000 members in 48 countries, with 325 chapters spread across the United States (including one here at WPI). The organization has worked on nearly 400 community-driven development projects, among them the constructing a health clinic in Peru and delivering safe drinking water to Rwandan orphans.

It's also given Amadei new purpose: to shift his focus from solving the engineering problems of one billion "haves," and focus, instead, on the challenges that impact the world's six billion "have nots." These are the people whose lives are at risk, every day, because of issues stemming from poverty, sanitation, and disease—all of which could be addressed through engineering. By teaching people and giving them resources, Amadei discovered he could empower them to solve their own problems.

That has become his mission at the University of Colorado, where he launched and chaired a program, now known as the Mortenson Center in Engineering for Developing Communities, which educates engineers in economics, public health, social entrepreneurship, and politics. Through it all, Amadei has become the voice for the billions of people who often go unheard and an advocate for those who live in poverty. His tone is inspiring and instructional, a powerful reminder that health, not wealth, should be our end goal and driving force.

Amadei, who grew up in France and earned his PhD in engineering at the University of California at Berkeley, has been decorated with an array of awards and accolades, including the 2007 Heinz Award for the environment and the 2008 ENR Award of Excellence. In addition, he is an elected member of the U.S. National Academy of Engineering and the National Academy of Construction and an elected Senior Knight-Ashoka Fellow. He holds four honorary doctoral degrees. In 2012 Secretary of State Hillary Rodham Clinton named Amadei one of three science envoys to help the United States address global challenges. Outlets including National Public Radio, PBS NewsHour, *Time* magazine, and TEDx have featured his work.

For his compassionate vision and global dedication, for his application of engineering concepts to the betterment of humanity, and for his unyielding dedication to the ideal of theory and practice, WPI is honored to confer upon Bernard Amadei the degree of Doctor of Engineering, *Honoris Causa*.



DEGREE OF
DOCTOR OF PHILOSOPHY

Guanqun Bao

BS, Zhejiang University, China; MS, University of Toledo
ELECTRICAL AND COMPUTER ENGINEERING—
“On Simultaneous Localization and Mapping
Inside the Human Body (Body-SLAM)”
Advisor: Kaveh Pahlavan

Danielle Lynn Belsito

BS, University of New Hampshire;
MS, Worcester Polytechnic Institute
MATERIALS SCIENCE AND ENGINEERING—
“Application of Computational Thermodynamics
and Kinetics to Lightweight Al Alloy Design”
Advisor: Richard Sisson
Awarded: February 28, 2014

Xiang Chen

BS, North University of China;
MS, Central South University, China
MATERIALS SCIENCE AND ENGINEERING—
“A Novel Methodology for Evaluating Hot Compressive
Dwell Effects on Fatigue Crack Growth and Optimizing
Materials Microstructures for High-Temperature
Applications”
Advisor: Diana Lados

Paul Krupaker Reddy Dasari

BE, Visvesvaraya Technological University, India;
MS, Worcester Polytechnic Institute
BIOMEDICAL ENGINEERING—
“Characterization and Compensation of Hysteretic Cardiac
Respiratory Motion in Myocardial Perfusion Studies
through MRI Investigations”
Advisor: Yitzhak Mendelson

Paulo G. de Barros

BS, MS, Universidade Federal de Pernambuco, Brazil
COMPUTER SCIENCE—
“Evaluation of Multi-sensory Feedback in Virtual and Real
Remote Environments in a USAR Robot Teleoperation
Scenario”
Advisor: Robert Lindeman

John Thomas Favreau

BS, ME, Worcester Polytechnic Institute
BIOMEDICAL ENGINEERING—
“Oscillatory Wall Strain Reduction Precedes Arterial
Intimal Hyperplasia in a Murine Model”
Advisor: Glenn Gaudette

Zhu Fu

BE, ME, Beijing Institute of Technology, China
ELECTRICAL AND COMPUTER ENGINEERING—
“Digital Pre-distortion for Interference Reduction in
Dynamic Spectrum Access Networks”
Advisor: Alexander Wyglinski

Victor Hugo Gonzalez Jaramillo

*MS, MBA, ESPOL, Ecuador; MS, Worcester Polytechnic
Institute*
MANUFACTURING ENGINEERING—
“A Methodology to Transform Small and Medium
Companies to Lean Manufacturing Enterprises in
Ecuador”
Advisor: Yiming Rong

Prachi Gupta

BE, Maharshi Dayanand University, India
BIOLOGY AND BIOTECHNOLOGY—
“Analyzing the Role of Lipid Elongases in Drosophila
Development: From Barriers to Behavior”
Biology and Biotechnology
Advisor: Joseph Duffy
Awarded: February 28, 2014

Heather Kathleen Hagg

*BS, University of Missouri; MS, Worcester Polytechnic
Institute*
MANUFACTURING ENGINEERING—
“Large System Transformation Within Healthcare
Organizations Utilizing Lean Deployment Strategies”
Advisor: Isa Bar-On
Awarded: February 28, 2014

Parvathalu Kalakonda

MS, Worcester Polytechnic Institute
PHYSICS—
“Thermal Physical Properties of Nanocomposites of
Complex Fluids”
Advisor: Germano Iannacchione
Awarded: October 11, 2013

Klaida Lapi Kashuri

BS, University of Tirana, Albania;
MS, Worcester Polytechnic Institute
PHYSICS—
“Calorimetric and Dielectric Studies of Self-assembled
Bio-molecules in an Aqueous Environment”
Advisor: Germano Iannacchione
Awarded: February 28, 2014

Yasmin Khakpour

MS, Illinois Institute of Technology
MECHANICAL ENGINEERING—
“Numerical and Experimental Study of Heat and Mass
Transfer Enhancement Using Phase Change Materials”
Advisor: Jamal Yagoobi

Mihyun Esther Kim

*BS, Yonsei University, South Korea;
MS, Worcester Polytechnic Institute*
FIRE PROTECTION ENGINEERING—
“Parameter Estimation Methods for Comprehensive
Pyrolysis Modeling”
Advisor: Nicholas Dembsey
Awarded: February 28, 2014

Denis Gjergji Kole

BA, Clark University
BIOLOGY AND BIOTECHNOLOGY—
“Role of Fibroblast Growth Factor 2 in Maintenance of
Multipotency in Human Dermal Fibroblasts Treated
with *Xenopus Laevis* Egg Extract Fractions”
Advisor: Tanja Dominko

Pu Liu

*BS, Fudan University, China;
MS, Worcester Polytechnic Institute*
ELECTRICAL AND COMPUTER ENGINEERING—
“Experimental Investigations of EMG-Torque Modeling
for the Human Upper Limb”
Advisor: Edward Clancy

Min Ni

MS, Worcester Polytechnic Institute
ELECTRICAL AND COMPUTER ENGINEERING—
“Cooperative Distributed Transmission and Reception”
Advisor: Donald Brown
Awarded: February 28, 2014

Gregory Michael Noetscher

BS, MS, Worcester Polytechnic Institute
ELECTRICAL AND COMPUTER ENGINEERING—
“The VHP-F Computational Phantom and its
Applications for Electromagnetic Simulations”
Advisor: Sergey Makarov

Haejun Park

BS, Hanyang University; MS, Worcester Polytechnic Institute
FIRE PROTECTION ENGINEERING—
“Development of a Holistic Approach to Integrate
Fire Safety Performance with Building Design”
Advisor: Brian Meacham
Awarded: February 28, 2014

Altin Pelteku

BS, MS, Worcester Polytechnic Institute
ELECTRICAL AND COMPUTER ENGINEERING—
“Adaptive Suppression of Interfering Signals
in Communication Systems”
Advisor: John McNeill
Awarded: October 11, 2013

Christopher George Scully

*BS, Wentworth Institute of Technology;
MS, Stony Brook University*
BIOMEDICAL ENGINEERING—
“Detection of Spatial and Temporal Interactions
in Renal Autoregulation Dynamics”
Advisor: Ki Chon
Awarded: October 11, 2013

Kelly Charles Seals

*BS, U.S. Coast Guard Academy;
MS, Northeastern University*
ELECTRICAL AND COMPUTER ENGINEERING—
“Enhanced Acquisition Techniques for
GPS L1C Receivers”
Advisor: William Michalson

Kathleen Fan Wang

*BS, Harvey Mudd College; MS Worcester Polytechnic
Institute*
CHEMICAL ENGINEERING—
“Characterizing Molecular-scale Interactions between
Antimicrobial Peptides and Model Cell Membranes”
Advisor: Terri Camesano

Wei Wang

*BS, Shandong University, China; MS, Tsinghua University,
China*
ELECTRICAL AND COMPUTER ENGINEERING—
“Accelerating Cryptosystems on Hardware Platforms”
Advisor: Xinming Huang

Karen Edwards Works

*BA, State University of New York at Geneseo;
MS, Union College*
COMPUTER SCIENCE—
“Targeted Prioritized Processing in Overloaded
Data Stream Systems”
Advisor: Elke Rundensteiner

Chenguang Yang

*BS, Beihang University, China; MS, Peking University,
China*
ELECTRICAL AND COMPUTER ENGINEERING—
“Security in Voice Authentication”
Advisor: Berk Sunar

Ying Yang

*BS, Beijing Institute of Technology, China; MS, North
Carolina State University*
BIOLOGY AND BIOTECHNOLOGY—
“Effects of Temperature, Light Intensity and Quality,
Carbon Dioxide, and Culture Medium Nutrients on
Growth and Lipid Production of *Ettlia oleoabundans*”
Advisor: Pamela Weathers
Awarded: February 28, 2014

Yuqin Yao

BS, MS, Nanjing University of Technology, China
MATERIALS SCIENCE AND ENGINEERING—
“Synthesis, Processing and Applications of
Carbonaceous Nanomaterials”
Advisor: Jianyu Liang
Awarded: February 28, 2014

Hao Yu

*BS, Shanghai Jiao Tong University, China;
MS, Worcester Polytechnic Institute*
MATERIALS SCIENCE AND ENGINEERING—
“Metal Recovery via Automated Sortation”
Advisor: Diran Apelian

Martins Zaumanis
BE, MS, Riga Technical University, Latvia
CIVIL ENGINEERING—
“100% Recycled Hot Mix Asphalt and the
Use of Rejuvenators”
Advisor: Rajib Mallick

Sergey S. Zheltukhin
MS, Worcester Polytechnic Institute
MATHEMATICAL SCIENCES—
“Preferred Frequencies for Coupling of Seismic
Waves and Vibrating Tall Buildings”
Advisor: Darko Volkov
Awarded: February 28, 2014

DEGREE OF
MASTER OF SCIENCE

Dunia Yousef Abdulrazak
*Electrical and Computer
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Wen Deng
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Mechanical Engineering
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Xianchao Long
Robotics Engineering
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Robotics Engineering

Elizabeth Ann Louvat
Information Technology

Jiaqi Lu
Marketing and Technology Innovation

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Computer Science
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Yue Lu
Computer Science

Yun Lu
Materials Science and Engineering
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Xue Luan
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Jay Edward Lubomirski
Computer Science
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Yinghui Ma
Operations Design and Leadership

Yunzhao Ma
Biomedical Engineering
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James F. Maclaughlin V
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Computer Science
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Kelly J. Maher
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Systems Engineering
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Applied Mathematics
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Management
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Alexandra Helene Marokhovsky
Civil Engineering

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Environmental Engineering
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Gregory David McArthur
Financial Mathematics

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Mechanical Engineering

James Andrew McClintock
Mechanical Engineering
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Systems Engineering
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Environmental Engineering
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Electrical and Computer Engineering
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Kaixi Wang
Manufacturing Engineering
Awarded February 28, 2014

Kun Wang
Materials Science and Engineering
Awarded October 11, 2013

Le Wang
Electrical and Computer Engineering
Awarded October 11, 2013

Lin Wang
Marketing and Technology Innovation

Qing Wang
Financial Mathematics

Renxiang Wang
Applied Statistics

Shiwei Wang
Electrical and Computer Engineering

Shiyi Wang
Financial Mathematics

Tuo Wang
Operations Design and Leadership

Xin Wang
Operations Design and Leadership

Yanni Wang
Marketing and Technology Innovation

Yu Wang
Management
Awarded February 28, 2014

Yuncheng Wang
Computer Science

Yutao Wang
Computer Science
Awarded October 11, 2013

Nicholas Howard Ward
Mechanical Engineering
Awarded February 28, 2014

Lauren Elizabeth Waring
Fire Protection Engineering

Alicia Kristine Weber
Fire Protection Engineering

Eric Michael Weber
Mechanical Engineering
Awarded February 28, 2014

George Peter Wegh
Electrical and Computer Engineering
Awarded February 28, 2014

Tianyu Wei
Electrical and Computer Engineering

Wei Wei
Mechanical Engineering

Bo Wen
Financial Mathematics

Brian Robert White
Computer Science
Awarded October 11, 2013

Katherine Marie Whittier
Financial Mathematics

Luke Alexander Wilcome
Systems Engineering

Alexander Zygmunt Williams
Mechanical Engineering
Awarded October 11, 2013

Jesse Alexander Williams
Fire Protection Engineering
Awarded October 11, 2013

Peter J. Gore Willse
Fire Protection Engineering

Leah Constance Wilson
Bioscience Administration
Awarded February 28, 2014

Benzun Pious Wisely Babu
Robotics Engineering
Awarded October 11, 2013

Stephanie K. Woloshin
Mechanical Engineering
Awarded October 11, 2013

Grant Madison Wong
Mechanical Engineering

Kian Kok Wong
Systems Engineering
Awarded February 28, 2014

Kevin Robert Woods
Management

Ryan Keith Worsman
Civil Engineering

Beilin Wu
*Marketing and Technology
 Innovation*
 Awarded February 28, 2014

Di Wu
Materials Science and Engineering
 Awarded October 11, 2013

Haoyu Wu
Operations Design and Leadership
 Awarded October 11, 2013

Pak Hei Wu
Materials Science and Engineering

Qiuyang Wu
Materials Science and Engineering

Wenxin Wu
Financial Mathematics

Yue Wu
Financial Mathematics

Jeffrey Peter Wyman
Management
 Awarded February 28, 2014

Winnie Pei Xia
*Marketing and Technology
 Innovation*

Yang Xia
Information Technology

Lu Xiao
*Marketing and Technology
 Innovation*

Lijun Xie
Operations Design and Leadership

Yuan Xie
Materials Science and Engineering
 Awarded October 11, 2013

Beihao Xu
Management

Siyuan Xu
*Interactive Media and Game
 Development*
 Awarded October 11, 2013

Wei Xu
Operations Design and Leadership
 Awarded February 28, 2014

Xiaomeng Xu
Materials Science and Engineering
 Awarded October 11, 2013

Xing Xu
Information Technology

Yang Xu
*Electrical and Computer
 Engineering*

Yangzi Xu
Materials Science and Engineering
 Awarded February 28, 2014

Zhiqing Xu
Applied Statistics

Jing Xuan
Applied Statistics
 Awarded February 28, 2014

Kai Yan
Operations Design and Leadership

Fan Yang
Materials Science and Engineering
 Awarded February 28, 2014

Gaer Yang
*Marketing and Technology
 Innovation*

Han Yang
Management

Hang Yang
Financial Mathematics

Liu Yang
Materials Science and Engineering

Yuting Yang
Management

Shun Yao
Information Technology

Hussein Tarek Yatim
Mechanical Engineering

Pan Ye
Information Technology

Lingyun Yi
Operations Design and Leadership

Min Ying
Mechanical Engineering

Kan Yu
Materials Science and Engineering
 Awarded October 11, 2013

Shunchao Yu
Operations Design and Leadership
 Awarded February 28, 2014

Yingzi Yu
*Marketing and Technology
 Innovation*

Yuan Yu
Applied Statistics

Thomas E. Zajac Jr.
Civil Engineering

Yuqi Zeng
Mechanical Engineering
 Awarded October 11, 2013

Yuwei Zhai
Materials Science and Engineering

Jiachen Zhang
Mechanical Engineering

Jun Zhang
Financial Mathematics

Ling Zhang
Materials Science and Engineering

Qian Zhang
Chemical Engineering
 Awarded February 28, 2014

Qing Zhang
Financial Mathematics

Rui Zhang
*Electrical and Computer
 Engineering*

WORCESTER POLYTECHNIC INSTITUTE

Xiaoxiao Zhang
Operations Design and Leadership

Xue Zhang
Fire Protection Engineering
Awarded February 28, 2014

Yafei Zhang
Financial Mathematics

Kevin Xiao Lin Zheng
Management
Awarded February 28, 2014

Ye Zheng
Marketing and Technology Innovation

Xinchun Zhong
Management

Hao Zhou
Computer Science

Xiang Zhou
Materials Science and Engineering
Awarded October 11, 2013

Xiang Zhou
Electrical and Computer Engineering
Awarded October 11, 2013

Yanqing Zhou
Computer Science
Awarded February 28, 2014

Yun Zhou
Electrical and Computer Engineering

Yuqing Zhou
Materials Science and Engineering

Feng Zhu
Marketing and Technology Innovation
Awarded February 28, 2014

Linglong Zhu
Computer Science

Qingyun Zhu
Marketing and Technology Innovation

Sichao Zhu
Electrical and Computer Engineering

Soutongonoma Claude Edmons Zongo
Systems Engineering

Sai Zuo
Marketing and Technology Innovation

DEGREE OF
MASTER OF ENGINEERING

Muhsin Kasheef Abdur-Rahman
Power Systems Engineering

Jeffrey Blake Bolkhovskiy
Biomedical Engineering

James William Borowitz
Power Systems Engineering
Awarded February 28, 2014

Zachary Aaron Butcher
Electrical and Computer Engineering

Courtney Ann Caplette
Biomedical Engineering
Awarded February 28, 2014

Nikole Marie Connor
Biomedical Engineering
Awarded February 28, 2014

Marlon Christopher Cunningham
Electrical and Computer Engineering
Awarded February 28, 2014

Tristan Isaac Evans
Biomedical Engineering
Awarded October 11, 2013

Jason Matthew Forte
Biomedical Engineering

Shiheng Guo
Electrical and Computer Engineering

Mark Alan Lindblad
Biomedical Engineering

Jennifer Marie Ober
Biomedical Engineering

Zachary Alex Samuels
Electrical and Computer Engineering

Yuan Yin
Biomedical Engineering

DEGREE OF
MASTER OF MATHEMATICS FOR EDUCATORS

Michael Gerard Kropman
Awarded February 28, 2014

Cynthia Lynn Piehl
Awarded October 11, 2013

Susan Marie Tarallo
Awarded October 11, 2013

DEGREE OF
MASTER OF BUSINESS ADMINISTRATION

Stephanie Nicole Alwais
Awarded February 28, 2014

Kate Elizabeth Angelosanto
Awarded October 11, 2013

Nathan Tavis Angliss
Awarded October 11, 2013

Carlos Daniel Arellano Echeverria
Awarded February 28, 2014

Ashley Parker Aust
Awarded February 28, 2014

Joseph William Backus
Awarded February 28, 2014

Keith William Bacon
Awarded February 28, 2014

Joseph William Beagen, Jr.
Awarded February 28, 2014

Michael Stephen Benz
Suhas Shripad Biwalkar
Awarded February 28, 2014

Michael R. Blair
Awarded February 28, 2014

Henry Bispham Brown Jr.
Awarded October 11, 2013

Michael E. Brzezinski

James Francis Calnan
Awarded October 11, 2013

Andrew David Campbell

YaoHua Chung
Awarded October 11, 2013

Lisa Jean Claveloux
Awarded October 11, 2013

Gregory Coppentrath

Robert Rajan Dandekar
Awarded February 28, 2014

Josef Martin Delgado

Nicole Marie Diana
Awarded February 28, 2014

Gary Dunderdale

Colleen Anne Ellsworth
Awarded February 28, 2014

Bethany R. Faber

Constantina Gallos-Badoian
Awarded October 11, 2013

Kimberly Ann Giannola
Awarded October 11, 2013

Mei Han

Robert Edward Hatcher

Zhe Huang

Young Hean Kim

Carl Robert Knerr

Thulasidass Kothandan
Awarded February 28, 2014

Andrew Gabriel Leone
Awarded February 28, 2014

Jonathan Levin
Awarded February 28, 2014

Stacy Andrea Lewis
Awarded October 11, 2013

Xingchen Li
Awarded February 28, 2014

Megan M. Lindberg

Brian D. Litke

Charles Kesley Maddox
Awarded February 28, 2014

Jacob Peter Mastro
Awarded October 11, 2013

Angela K. Mello

Yongqiang Miao
Awarded October 11, 2013

Peter Joseph Mulken
Awarded October 11, 2013

William John Musiak, Jr.
Awarded February 28, 2014

Aditya Nadkarni
Awarded February 28, 2014

Vijayan Damodaran Nambiar
Awarded February 28, 2014

Christopher John Nikopoulos
Awarded February 28, 2014

Brandon Evan Noble

Caroline Stephanie O'Hara
Awarded February 28, 2014

Kate M. Pilotte

Eric Bradford Polson

Sitaram Ramaswamy

Mohamed Ramzy

Victoria Susan Richardson
Awarded October 11, 2013

David Gregory Roscoe

Jonathan Daniel Ross
Awarded October 11, 2013

Andrew Michel Rossetti

Justin Robert Rothwell
Awarded February 28, 2014

Andrew Philip Roy

Bardhyl Salihu

Sam Edward Schepner

Yang Shen
Awarded February 28, 2014

Isaiah E. Silva

Wenhui Song
Awarded February 28, 2014

Zheng Song
Awarded October 11, 2013

Meghan Bowman Sullivan
Awarded October 11, 2013

Patricia Marie Thomas

Carlton Constance Vaz

Jonathan A. Vo
Awarded February 28, 2014

Ryan Alan Waite
Awarded October 11, 2013

Nathan Perry Ware
Awarded October 11, 2013

Alden Byrne Whitney
Awarded February 28, 2014

Ruicheng Xu
Awarded February 28, 2014

Daniel Porter Young
Awarded October 11, 2013

DEGREE OF
BACHELOR OF ARTS

Richard R. Breault Jr.
*Environmental and
Sustainability Studies*
Awarded February 28, 2014

* * Julia Darcy
*Environmental and
Sustainability Studies*

* Tara Shewchuk
*Environmental and
Sustainability Studies*

Stasia L. M. DeVito
*Environmental and
Sustainability Studies*

DEGREE OF
BACHELOR OF SCIENCE

* George Paul Abbiati III
Mechanical Engineering

Ritesh Adhikari
*Electrical and Computer
Engineering*

* Diego Martin Adrianzen
*Management Engineering
with Electrical and Computer
Engineering
Minor in Industrial Engineering*

* Landon Joseph Airey
*Electrical and Computer
Engineering*

Abdulla Zakaria Al Abri
*Electrical and Computer
Engineering*
Awarded October 11, 2013

* * Abdulaziz Mohammed Abdullah
Alamer
*Chemical Engineering
Minor in Materials*

Nikolas Nunes Albergaria
*Mechanical Engineering with
Thermal-Fluid Engineering*
Awarded October 11, 2013

* Hector Enmanuel Alberti Arroyo
*Electrical and Computer
Engineering*

Alan Alezker
Actuarial Mathematics

Ali Saad Algarni
*Electrical and Computer
Engineering*

* Nicholas James Algieri
*Mechanical Engineering
with Biomechanical
Minor in English*

* Caroline Elizabeth Allen
*Mechanical Engineering with
Mechanical Design*

Edward Eric Allison
Mechanical Engineering

Thomas J. Allwood
Manufacturing Engineering
Awarded February 28, 2014

Julia Maria Alvidrez
Management Engineering

* * Kelly Ann Ames
*Chemical Engineering
with Environmental*

Jerome Michael Anaya
*Mechanical Engineering with
Materials Science and Engineering*

Benjamin Haven Anderson
*Electrical and Computer
Engineering
Minor in Computer Science*

* Mihnea Stefan Andrei
*Actuarial Mathematics
Minor in Business*

Babadee Angwafo
*Management Engineering
with Civil Engineering*

Kevin James Antalek
*Electrical and Computer
Engineering*

* * John Nicholas Antonopoulos
Civil Engineering

Brishell Junior Aquise-Calizaya
Biomedical Engineering

* * Paige Tracy Archinal
*Mechanical Engineering
with Mechanical Design
Minor in Environmental and
Sustainability Studies*

* * Maximilian Alexander Ardini
Biomedical Engineering

* John Richardson Arnold
*Physics
Minor in Music*

Jacob Daniel Aschettino
Biomedical Engineering

* * With High Distinction
* With Distinction

* Francis L. Ascioti <i>Mechanical Engineering</i>	Casey David Barney <i>Electrical and Computer Engineering</i>	** Paul Ryan Bender <i>Civil Engineering</i> <i>Minor in Spanish</i>
* Bertan Atamer <i>Mechanical Engineering with Mechanical Design</i> <i>Minor in Manufacturing Engineering</i>	Poonam Barot <i>Biology and Biotechnology</i> <i>Minor in English</i>	Aaron Baruch Benjamin <i>Biochemistry</i>
** Britney Lee Atwater <i>Biomedical Engineering</i>	** Frederick Anthony Baruffi IV <i>Robotics Engineering</i> <i>Minor in Mechanical Engineering</i>	Bryan Jonathon Bergeron <i>Physics</i> Awarded October 11, 2013
Elizabeth Anne Audet <i>Architectural Engineering</i>	* Sarah Elizabeth Basehore <i>Biomedical Engineering</i>	* Christopher James Berthelette <i>Robotics Engineering</i>
** Moe Hein Aung <i>Civil Engineering</i>	* Armir Bashllari <i>Computer Science</i>	* Jack Gallimore Besse <i>Chemical Engineering</i>
Laura Aurilio <i>Biology and Biotechnology</i> Awarded October 11, 2013	Sidney Spalding Batchelder II <i>Robotics Engineering</i> Awarded October 11, 2013	Matthew Earl Beyler <i>Computer Science</i>
Travis Lee Austin <i>Aerospace Engineering</i>	** Jennifer Renee Baulier <i>Computer Science</i> <i>Interactive Media and Game Development</i>	Janell Marie Biczak <i>Industrial Engineering</i>
** Papa Aye Nyansafo Aye-Addo <i>Aerospace Engineering</i>	Alex Robert Bean <i>Management Engineering with Mechanical Engineering</i>	* Jennifer Rose Biener <i>Chemical Engineering</i> <i>Minor in Materials</i>
** Amy Monique Babeu <i>Biomedical Engineering</i> <i>Minor in Spanish</i>	Alexandra Lee Beando <i>Mechanical Engineering with Biomechanical</i>	** Monolina Habib Binny <i>Biology and Biotechnology</i> <i>Minor in Business</i> <i>Minor in History</i>
Khalil Fadi Badran <i>Mechanical Engineering</i>	* Timothy Jason Beane <i>Biochemistry</i>	Phillip Andrew Blake <i>Mathematical Sciences</i>
Jennifer Lynn Baker <i>Mechanical Engineering</i>	* James Albert Beaulieu Jr. <i>Electrical and Computer Engineering</i> <i>Minor in Computer Science</i>	Matthew Cameron Blakeman <i>Civil Engineering</i>
Joshua Stephen Baker <i>Mechanical Engineering with Robotics</i>	* Matthew Charles Beck <i>Chemical Engineering</i>	** Jeffrey Luis Blanco <i>Electrical and Computer Engineering</i> <i>Minor in Physics</i>
** Elena Victoria Banegas Nunez <i>Chemical Engineering</i>	Bryan Dariel Belliard <i>Chemical Engineering</i> <i>Minor in Chemistry</i>	* Alaina Plugge Blanker <i>Chemical Engineering</i>
* Ying Bao <i>Mechanical Engineering</i> <i>Minor in Manufacturing Engineering</i> Awarded February 28, 2014	** Sebastian Nickolai Bellisario <i>Mechanical Engineering with Mechanical Design</i> <i>Humanities and Arts</i>	Audrey Hope Blasius <i>Mechanical Engineering with Mechanical Design</i>
Alexander James Barat <i>Biomedical Engineering</i>		Patrick Anthony Bobell <i>Robotics Engineering</i>
		Luke Paul Bogdanovich <i>Biomedical Engineering</i>

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Kyle David Bonaccorso <i>Biomedical Engineering</i>	Kai Ola Brevig <i>Electrical and Computer Engineering</i>	Jennifer Lynn Burnham <i>Biomedical Engineering</i>
Natasha Alexis Bonina <i>Electrical and Computer Engineering</i>	* Taylor I. Briseno <i>Biology and Biotechnology Minor in Spanish</i>	* Kevin Burns <i>Robotics Engineering Minor in Computer Science</i>
* Zachary Bornemann <i>Mechanical Engineering with Mechanical Design</i>	Charles Warren Brock <i>Mechanical Engineering with Manufacturing</i>	* * Michael Joseph Burns <i>Computer Science Minor in Music</i>
* David Edward Boroyan <i>Management Engineering with Mechanical Engineering</i>	Sarah Evelyn Brockway <i>Biomedical Engineering</i>	* Madeline Rose Burris <i>Robotics Engineering</i>
Joseph Anthony Botelho III <i>Management Minor in Economics</i>	Cody Peder Brooks <i>Environmental Engineering</i> Awarded February 28, 2014	Ryan Thomas Bussett <i>Electrical and Computer Engineering</i>
* Tyler Michael Bouchard <i>Mechanical Engineering with Biomechanical</i>	* * Sarah Elizabeth Brooks <i>Electrical and Computer Engineering</i>	Thomas Butler <i>Biomedical Engineering</i> Awarded October 11, 2013
* * Janelle Marina Boucher <i>Mechanical Engineering</i>	* Christopher Earle Brown <i>Mechanical Engineering</i>	* * Damien Joseph Cabral <i>Biology and Biotechnology Biochemistry</i>
* * Daniel Ronald Boudreau <i>Humanities and Arts with American Studies</i>	* * Benjamin Nathanael Brusco <i>Architectural Engineering</i>	* * Katelyn A. Cabral <i>Biomedical Engineering Minor in Materials</i>
* * Daniel David Bouffard <i>Computer Science</i>	* Linjun Bu <i>Mechanical Engineering with Mechanical Design</i> Awarded October 11, 2013	* Joseph Cacaccio <i>Biochemistry</i>
* * Elisabeth Eileen Boulanger <i>Biomedical Engineering Minor in Business</i>	* Carly Jeanne Buchanan <i>Robotics Engineering Professional Writing</i>	Sean Patrick Callaghan <i>Chemical Engineering Minor in Biology</i>
* Michael Boyd <i>Biochemistry</i>	* George Catalin Bucsan <i>Aerospace Engineering Minor in Electrical and Computer Engineering</i>	Kelsi P. Callahan <i>Biology and Biotechnology</i>
* * Jordan Thomas Brauer <i>Electrical and Computer Engineering</i>	* * Brandon Christopher Bukowski <i>Chemical Engineering Minor in Physics</i>	Rodrigo Calles <i>Management Engineering with Electrical and Computer Engineering Minor in English</i>
* Bielinsky Alberto Brea <i>Biomedical Engineering Minor in Materials</i>	Ryan Robert Burgan <i>Aerospace Engineering Minor in Music</i>	Sean Patrick Calvert <i>Interactive Media and Game Development</i>
* Eric Breault <i>Aerospace Engineering</i>	* Bethany Suzanne Burke <i>Biochemistry Minor in Psychology Minor in History</i>	Anthony Joseph Cangelo <i>Mechanical Engineering Minor in Business Minor in Electrical and Computer Engineering</i>
Michael Eric Brendlinger <i>Robotics Engineering</i>		

* Megan Elizabeth Cann <i>Electrical and Computer Engineering</i>	* Sayok Chattopadhyay <i>Mechanical Engineering</i>	Anthony Michael Cicchetti <i>Electrical and Computer Engineering</i>
* Ryan Orlando Cantalupo <i>Electrical and Computer Engineering</i>	Michael Domenic Checca <i>Computer Science</i>	Benjamin Carey Clark <i>Civil Engineering</i>
* Marissa R. Capua <i>Environmental Engineering</i>	* Hongling Chen <i>Mechanical Engineering with Mechanical Design Minor in Manufacturing Engineering</i>	Cassandra Lucille Clift <i>Biomedical Engineering</i>
Anthony John Caravella <i>Chemical Engineering</i>	Charles Steele Cheston IV <i>Mechanical Engineering</i>	* Rebekah Anne Cocks <i>Biology and Biotechnology Minor in Biochemistry</i>
* Elizabeth Kate Carcone <i>Chemical Engineering</i>	* * Marina Flaksberg Chevis <i>Industrial Engineering</i>	Adam Scott Coen <i>Civil Engineering</i>
* * Marlisa Cardoso Overton <i>Biomedical Engineering</i>	Andrew J. Childs <i>Mechanical Engineering Minor in Business</i>	* Matthew Cogswell <i>Civil Engineering</i>
Benjamin John Carlson <i>Interactive Media and Game Development</i>	Randy Gar Lok Chin <i>Biomedical Engineering</i>	Naida Colakhodzic <i>Biomedical Engineering</i>
* Courtney Elizabeth Carroll <i>Industrial Engineering</i>	Ilya Chmykh <i>Management Information Systems</i>	* * Benjamin Marts Collins <i>Electrical and Computer Engineering Minor in Robotics Engineering</i>
* Sean Casley <i>Robotics Engineering</i>	Jennifer Helen Choe <i>Management</i>	Kevin Michael Conley <i>Electrical and Computer Engineering Minor in Mathematics</i>
Andrew Michael Cayer <i>Biomedical Engineering</i>	Chan Young Choi <i>Electrical and Computer Engineering</i>	* * Sarah Alyse Conlin <i>Humanities and Arts with American Studies</i>
Michael George Chadwick <i>Biology and Biotechnology</i>	Carl K. C. Chong <i>Mechanical Engineering</i>	* Kailyn Sara Connor <i>Management Engineering with Operations Management Minor in Social Entrepreneurship</i>
Christopher Paul Chaggarris <i>Electrical and Computer Engineering</i>	* * Thanacha Choopojcharoen <i>Robotics Engineering Minor in Electrical and Computer Engineering</i>	* Matthew Russell Cook <i>Chemical Engineering with Environmental</i>
Jillian Chalke <i>Robotics Engineering</i>	* Jesus Octavio Chung Mock <i>Mechanical Engineering Minor in Robotics Engineering</i>	* Sarah Marie Cook <i>Biomedical Engineering</i>
Kimberly Chan <i>Management Engineering with Operations Management</i>	Devin Allan Churchman <i>Chemical Engineering with Biochemical Minor in Materials</i>	Ian Christopher Corcoran <i>Mechanical Engineering</i>
Matthew Chareth <i>Mechanical Engineering with Mechanical Design</i>	Christopher Rocco Ciampa <i>Mechanical Engineering</i>	Amanda Maria Cormier <i>Biomedical Engineering Mechanical Engineering</i>
Matthew Christopher Chase <i>Electrical and Computer Engineering Minor in Spanish</i>		

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* * Scott Paul Cornman <i>Robotics Engineering Computer Science</i>	* * Joshua D. Croke <i>Interdisciplinary in Creative Design, Technology, and Business Minor in Music</i>	* * Julia Darcy <i>Chemistry</i>
* Robert Michael Correa <i>Mechanical Engineering with Mechanical Design</i>	Michael Nathan Cross <i>Mechanical Engineering with Mechanical Design</i>	* * Andrew James Daudelin <i>Physics</i>
* * Joao Paulo de Jesus Correia <i>Environmental Engineering Minor in Electrical and Computer Engineering</i>	* John P. Croteau <i>Mechanical Engineering with Astronautics</i>	* Katlin Bess Davis <i>Aerospace Engineering Minor in History</i>
Margaret Corrigan <i>Civil Engineering</i>	* * Ian James Crowe <i>Mechanical Engineering with Mechanical Design</i>	* Andre da Vitoria <i>Mechanical Engineering</i> Awarded February 28, 2014
* Steven John Cortesa <i>Mechanical Engineering Minor in Manufacturing Engineering Minor in International Studies</i>	* Michael Cullen <i>Mechanical Engineering Minor in Electrical and Computer Engineering</i>	Gilmar B. da Vitoria Jr. <i>Robotics Engineering</i> Awarded February 28, 2014
* Madalyn Elaine Coryea <i>Computer Science Minor in Interactive Media and Game Development</i>	* Paul Cupido <i>Biology and Biotechnology</i>	* Danielle C. Dechaine <i>Chemical Engineering Minor in Business</i>
* * Sarah Ann Cote <i>Civil Engineering Minor in International Studies</i>	Courtnae-Symone Currie <i>Architectural Engineering</i>	* Wesley Jordan DeChristofaro <i>Electrical and Computer Engineering Minor in Physics</i>
Brooke Leigh Cotta <i>Environmental Engineering</i>	Shawn A. Czerniak <i>Mechanical Engineering Minor in Physics</i>	* * Anthony Joseph DeCicco <i>Mechanical Engineering with Aeronautics Minor in Music</i>
* Brooke Elizabeth Coughlan <i>Biology and Biotechnology Minor in Biochemistry</i>	* Erik Richard Dahlinghaus <i>Robotics Engineering</i> Awarded February 28, 2014	Nicholas Andrew Defossez <i>Interactive Media and Game Development Computer Science</i>
Matthew Daniel Coughlin <i>Electrical and Computer Engineering</i>	* Xingchi Dai <i>Electrical and Computer Engineering Minor in Computer Science</i>	Timothy Robert DeGreenia <i>Mechanical Engineering</i>
Zackary Aaron Couture <i>Civil Engineering</i> Awarded February 28, 2014	Stephen Peter Daigneau <i>Management Engineering with Operations Management</i>	Enrique De La Cruz <i>Mechanical Engineering with Manufacturing</i>
Melissa Cowan <i>Management Engineering with Mechanical Engineering</i>	* * Stephen Neil Dalton-Petillo <i>Biology and Biotechnology</i>	Darcy Ann Del Dotto <i>Biomedical Engineering</i> Awarded October 11, 2013
* Eric Benjamin Cremer <i>Mechanical Engineering with Aeronautics</i>	* * Ryan Anthony Danas <i>Computer Science</i>	Dean DelleChiaie <i>Mechanical Engineering</i>
	* * Elvis Arben Dapshi <i>Electrical and Computer Engineering</i>	* Emanuel DeMaio <i>Robotics Engineering</i>

- | | | |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| * Gizem Demircioglu
<i>Psychological Science</i>
<i>Minor in Biology</i> | * Matthew Robert DiPinto
<i>Mechanical Engineering with</i>
<i>Mechanical Design</i>
<i>Minor in Business</i> | * * Zachary Alain Duca
<i>Chemistry</i>
<i>Biology and Biotechnology</i> |
| * * Megan Elizabeth Dempsey
<i>Biomedical Engineering</i>
<i>Minor in Chemistry</i> | * * Anh Hoang Do
<i>Electrical and Computer</i>
<i>Engineering</i> | * Jeffrey Ronald Ducki
<i>Biomedical Engineering</i>
<i>Minor in Business</i> |
| Mariana De Obaldia
<i>Environmental Engineering</i> | * Emily Hilda Domain
<i>Chemistry</i> | Elizabeth Anne Dufresne
<i>Mechanical Engineering</i> |
| Amber Lynn Desjardin
<i>Electrical and Computer</i>
<i>Engineering</i> | * * Zachary Edward Dombroski
<i>Management</i> | * Christopher Matthew Dunkers
<i>Robotics Engineering</i>
<i>Minor in Computer Science</i>
<i>Minor in Mechanical Engineering</i> |
| * Jaime Arnon Queiroz De Souza
<i>Chemical Engineering</i> | Alyssa Erin Donohue
<i>Biochemistry</i> | Meaghan Kelley Dunn
<i>Biomedical Engineering</i> |
| Stephen Joseph Diamond
<i>Robotics Engineering</i>
<i>Electrical and Computer</i>
<i>Engineering</i> | * * Caitlin Mary Donovan
<i>Actuarial Mathematics</i>
<i>Minor in Business</i>
Awarded February 28, 2014 | Sarah Elizabeth Dunn
<i>Management Engineering</i>
<i>with Biomedical Engineering</i> |
| * Gabriel Rene Diaz
<i>Aerospace Engineering</i>
<i>Minor in Electrical and</i>
<i>Computer Engineering</i> | * Jonathan Joseph Dorich
<i>Electrical and Computer</i>
<i>Engineering</i>
<i>Robotics Engineering</i> | William Plaut Dunn
<i>Robotics Engineering</i> |
| * Brittany Starr DiCapua
<i>Biomedical Engineering</i> | Peter William Dowling
<i>Mathematical Sciences</i>
<i>Minor in Physics</i>
<i>Minor in Computer Science</i> | * Nicolas Ephrem Dupuis
<i>Management Engineering</i>
<i>with Applied Computer</i>
<i>Engineering Management</i>
<i>Minor in Financial Economics</i> |
| * * Alexander Dich
<i>Electrical and Computer</i>
<i>Engineering</i>
<i>Minor in Mathematics</i>
<i>Minor in Music</i> | Robert Read Doyle
<i>Interactive Media and</i>
<i>Game Development</i> | * Olivia Nicole Durand
<i>Biomedical Engineering</i> |
| Lauren Ashley DiFelice
<i>Biomedical Engineering</i>
<i>Minor in Business</i> | * * Brian R. Doyon
<i>Biochemistry</i> | * Gonul Duren
<i>Civil Engineering</i> |
| * * Andrea DiGioia
<i>Biomedical Engineering</i>
Awarded February 28, 2014 | * Rebecca Anne Draper
<i>Mechanical Engineering</i>
<i>with Mechanical Design</i>
<i>Minor in Music</i> | * * Aaron Durkee
<i>Aerospace Engineering</i>
<i>Minor in Computer Science</i> |
| * * Fangjie Ding
<i>Electrical and Computer</i>
<i>Engineering</i>
Awarded February 28, 2014 | * Mengxi Du
<i>Chemistry</i>
<i>Minor in Biology</i> | * Daniel J. Dwan III
<i>Management Engineering</i>
<i>with Mechanical Engineering</i> |
| * * Xinxin Ding
<i>Biology and Biotechnology</i>
<i>Bioinformatics and Computational</i>
<i>Biology</i> | * Jiye Duan
<i>Electrical and Computer</i>
<i>Engineering</i>
<i>Minor in Computer Science</i> | David Dwyer
<i>Computer Science</i>
Awarded October 11, 2013 |
| | | Jessica Dzwonkoski
<i>Environmental Engineering</i>
<i>Minor in Manufacturing</i>
<i>Engineering</i> |

WORCESTER POLYTECHNIC INSTITUTE

* * Edmund Carl Eduah <i>Chemical Engineering Minor in Entrepreneurship</i>	Tyler Edward Faszewski <i>Mechanical Engineering</i>	* Timothy Metter Forrest <i>Mechanical Engineering with Mechanical Design and with Robotics</i>
* Peter James Eggleston <i>Civil Engineering</i>	Ryan Patrick Fawthrop <i>Electrical and Computer Engineering</i>	* Megan Forti <i>Chemical Engineering</i>
Caroline B. Eigenbrodt <i>Environmental Engineering</i>	Patrick Joseph Feeney <i>Interactive Media and Game Development Computer Science</i>	* Elizabeth Carr Fortner <i>Aerospace Engineering Minor in Physics</i>
* * Samuel Casey Eisenberg <i>Biomedical Engineering Biochemistry</i>	* * Juliana Kristina Fekete <i>Biomedical Engineering Minor in Biology</i>	* John Cato Kaulele 'Eheu o ka moa'e Foy <i>Biomedical Engineering Minor in Business</i>
Mariah Genevieve Eldredge <i>Biology and Biotechnology</i>	* * Gary Thomas Feldman Jr. <i>Aerospace Engineering Minor in History</i>	Samuel Dave Francois <i>Electrical and Computer Engineering</i>
James Edward Elmore <i>Actuarial Mathematics</i>	* * William Albert Feraco <i>Mechanical Engineering</i>	William Thomas Frankian <i>Mechanical Engineering Minor in Materials</i>
Mahmoud El-Rifai <i>Biomedical Engineering</i>	* Eduardo Ignacio Fernandez Rincon <i>Mechanical Engineering Minor in Entrepreneurship</i>	* * Matthew James Franklin <i>Mechanical Engineering Minor in Business</i>
* Julian E. Enjamio <i>Mechanical Engineering</i>	* * Nathan C. Ferreira <i>Electrical and Computer Engineering</i>	* Cecelia Rose Franzini <i>Electrical and Computer Engineering</i>
Jared Douglas Erb <i>Biomedical Engineering Humanities and Arts</i>	* * Giancarlo Feula <i>Chemistry</i>	Alexander Richard Freilich <i>Management Engineering with Biomedical Engineering</i>
James David Erickson <i>Biomedical Engineering Minor in Management</i>	Andrew Joseph Firenze <i>Aerospace Engineering</i>	Matthew Robert Gagnon <i>Biomedical Engineering Minor in Materials</i>
* Timothy Carl Erlandson <i>Biomedical Engineering Minor in Mathematics</i>	Anthony Michael Fisher <i>Computer Science</i>	* * Ryan Joseph Gall <i>Chemical Engineering</i>
Juan Pablo Eslava <i>Mechanical Engineering</i> Awarded October 11, 2013	Mark W. Fitzgibbon <i>Computer Science</i>	* Andrew Lloyd Gallagher <i>Mechanical Engineering with Aeronautics Minor in English</i>
Sebastian Eslava <i>Aerospace Engineering Minor in Electrical and Computer Engineering</i>	* Micah Louis Flock <i>Mechanical Engineering with Mechanical Design</i>	Scott Corbett Gallagher <i>Chemical Engineering</i> Awarded October 11, 2013
Christopher Ettis <i>Aerospace Engineering</i>	* Danny Flores <i>Biomedical Engineering</i>	Thomas Gammel <i>Biomedical Engineering</i>
Malcolm Stuart Fano <i>Mechanical Engineering</i>	Ethan Edward Forbes <i>Mechanical Engineering</i>	
* Amirhossein Farvardin <i>Biomedical Engineering Minor in Mechanical Engineering</i>	Elizabeth Forehand <i>Electrical and Computer Engineering</i>	

* * Holly Ganser <i>Civil Engineering</i> <i>Minor in Environmental and Sustainability Studies</i>	Frank James Gleason <i>Electrical and Computer Engineering</i>	Alan Jeffrey Gribble <i>Biomedical Engineering</i>
* Runzi Gao <i>Robotics Engineering</i> <i>Interactive Media and Game Development</i> Awarded February 28, 2014	* Nikhil Godani <i>Robotics Engineering</i>	Kirk F. Grimsley <i>Robotics Engineering</i>
* Kevin Adam Garcia <i>Chemistry</i>	* * Marissa Anne Goerke <i>Mechanical Engineering</i> <i>Minor in Electrical and Computer Engineering</i>	Graham Nelson Grinnell <i>Biochemistry</i> Awarded October 11, 2013
* * Joseph F. Gay <i>Mechanical Engineering with Materials Science and Engineering</i>	Katherine Rose Goldberg <i>Chemical Engineering</i>	* Timothy K. Grupp <i>Mechanical Engineering with Astronautics</i>
Eric John Gehrken Jr. <i>Mechanical Engineering with Mechanical Design</i> <i>Minor in Entrepreneurship</i>	* Veronica Clarice Goldsmith <i>Chemical Engineering</i>	Steven Guayaquil Torres <i>Robotics Engineering</i> <i>Electrical and Computer Engineering</i>
* Zachary T. Gendreau <i>Mechanical Engineering</i> <i>Minor in Business</i>	Dominic Gonzalez <i>Electrical and Computer Engineering</i>	* Anthony E. Guerra <i>Civil Engineering</i>
* * Jeannette Marie Gerry <i>Biology and Biotechnology</i>	Luis Alexander Gonzalez <i>Aerospace Engineering</i>	Christina Guertin <i>Computer Science</i>
* George Tucker Gettel <i>Computer Science</i>	Christopher Robert Gorgone <i>Biomedical Engineering</i>	* Jessica Lorraine Guyette <i>Biology and Biotechnology</i> <i>Minor in Biochemistry</i>
* Mohammad Affan Ghani <i>Electrical and Computer Engineering</i>	Agatha Gornisiewicz <i>Biomedical Engineering</i>	Jessica Gwozdz <i>Robotics Engineering</i> <i>Computer Science</i>
* Michael Gheorghe <i>Computer Science</i> <i>Interactive Media and Game Development</i>	Scott Francis Gould II <i>Civil Engineering</i>	Kimani Owusu Gyening <i>Interactive Media and Game Development</i>
* Joseph Giesecke <i>Mechanical Engineering</i> <i>Minor in Business</i>	Dana Michelle Gowing <i>Mathematical Sciences</i> Awarded February 28, 2014	Trevor Michael Hajko <i>Mechanical Engineering</i> <i>Minor in Manufacturing Engineering</i>
* * Brianna Helen Gillespie <i>Chemical Engineering</i>	Eyleen K. Graedler <i>Interactive Media and Game Development</i>	* * J. Victor Haley <i>Electrical and Computer Engineering</i> <i>Minor in Computer Science</i>
* David Orion Girardo <i>Mathematical Sciences</i> <i>Minor in Bioinformatics and Computational Biology</i> <i>Minor in Computer Science</i> Awarded February 28, 2014	Patrick Lernard Graham Jr. <i>Mechanical Engineering with Mechanical Design</i> Awarded February 28, 2014	* Claire L. Hambright <i>Biomedical Engineering</i>
	* Timothy Edward Granger <i>Biomedical Engineering</i>	* * Ehab Hazem Hamdan <i>Civil Engineering</i>
	William Conrad Grebe <i>Mechanical Engineering</i>	
	* * Marc Evan Green Jr. <i>Computer Science</i> <i>Minor in Electrical and Computer Engineering</i>	Matthew William Hammond <i>Management</i> Awarded October 11, 2013

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Oliver Byron Hammond <i>Mechanical Engineering</i>	* Reed Richard Hebert <i>Mechanical Engineering</i>	* Kathleen Florence Hodge <i>Biomedical Engineering</i> <i>Minor in Materials</i>
* Qiaochu Han <i>Chemical Engineering</i>	Erin Michelle Heckley <i>Chemical Engineering</i>	* Grace Elizabeth Holliday <i>Chemistry</i> <i>Minor in Materials</i>
* * Amanda Rose Hanley <i>Biology and Biotechnology</i> Awarded October 11, 2013	Danielle Marie Heinle <i>Biomedical Engineering</i>	* Robert Hollinger <i>Computer Science</i>
* * Tyler Stephen Hanna <i>Mechanical Engineering</i> <i>with Mechanical Design</i> <i>Minor in Physics</i> <i>Minor in Materials</i>	Jerrod Thomas Heiser <i>Mechanical Engineering</i> <i>with Mechanical Design</i>	* Nichole Allison Holman <i>Mechanical Engineering</i>
Jared Clayton Harbold <i>Mechanical Engineering</i>	* Meghan D. Hennessey <i>Civil Engineering</i>	* * Ariane Elizabeth Hopkinson <i>Chemical Engineering</i> <i>Environmental Engineering</i>
* Logan Mary Harrington <i>Interactive Media and</i> <i>Game Development</i>	* * Zachary Kurt Hennings <i>Mechanical Engineering</i> <i>with Biomechanical</i> <i>Minor in Materials</i>	* * Muyeedul Hoque <i>Industrial Engineering</i> <i>Management Information Systems</i>
Christopher David Harris <i>Civil Engineering</i>	* Brendan Miles Henrich <i>Electrical and Computer</i> <i>Engineering</i>	Michael Shamus Horgan <i>Management Engineering</i> <i>with Civil Engineering</i>
* * Olivia Rebecca Hart <i>Biomedical Engineering</i>	* * Casey Allen Hensel <i>Chemical Engineering</i>	* * Minh-Tri Ho Thanh <i>Engineering Physics</i> <i>Minor in Computer Science</i>
* * Kate Harten <i>Biology and Biotechnology</i> <i>Minor in Spanish</i>	Lee F. Hermsdorf-Krasin <i>Chemistry</i> <i>Minor in Music</i>	* Amanda Paige Houyou <i>Environmental Engineering</i>
* * Johanna Hartmann <i>Chemical Engineering</i> <i>Minor in Materials</i>	* Rocio Cristina Herrera Flores <i>Mechanical Engineering</i>	* Aung Thu Htet <i>Electrical and Computer</i> <i>Engineering</i> <i>Minor in Computer Science</i> Awarded February 28, 2014
* Melissa Ann Haughn <i>Biomedical Engineering</i>	* * Justin Peter Hess <i>Bioinformatics and Computational</i> <i>Biology</i> <i>Minor in German</i>	* * Yar Zar Moe Htet <i>Civil Engineering</i> <i>Minor in Business</i>
* * Brianna S. Hayes <i>Biology and Biotechnology</i> <i>Minor in German</i>	* Margaret Riley Hester <i>Biology and Biotechnology</i> <i>Minor in English</i>	Cassiopia L. Hudson <i>Robotics Engineering</i> Awarded October 11, 2013
Casey Lee Miniutti Hayes <i>Electrical and Computer</i> <i>Engineering</i> <i>Minor in Mathematics</i>	* Brian James Hetherman <i>Robotics Engineering</i> <i>Minor in Computer Science</i>	* * Kevin Brian Hufnagle Jr. <i>Computer Science</i> <i>Professional Writing</i>
Nicholas Glen Hayes <i>Mechanical Engineering</i> Awarded February 28, 2014	* Caitlin Joyce Hill <i>Chemistry with Medicinal</i> <i>Chemistry</i>	Olivia J. Hugal <i>Robotics Engineering</i> <i>Minor in Computer Science</i>
* Michael Winlow Heard <i>Aerospace Engineering</i>	* Lindsay Ann Hock <i>Biomedical Engineering</i> <i>Minor in Materials</i>	

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|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| * Daniel Patrick Hullihen
<i>Electrical and Computer Engineering</i> | * Kevin Simitz Janesch
<i>Robotics Engineering</i> | * David Ali Karbassi
<i>Biology and Biotechnology
Minor in English</i> |
| * * Alan Peter Humphrey
<i>Biomedical Engineering
Mechanical Engineering</i> | * * Chietara Dionita Japutra
<i>Biochemistry
Minor in Music
Minor in Biology</i> | * Alexander Sebastian Karp
<i>Computer Science</i> |
| * Shelby Nichole Hunt
<i>Engineering Physics
Civil Engineering</i> | * Adam Sebastian Jardim
<i>Robotics Engineering
Minor in Computer Science</i> | * Gregory Karp-Neufeld
<i>Management Information Systems</i> |
| * Gregory J. Hutchinson
<i>Mechanical Engineering</i> | * * Tara Ann Jarobski
<i>Biomedical Engineering
Minor in Materials</i> | Seth Wolk Karstaedt
<i>Computer Science
Civil Engineering</i>
Awarded February 28, 2014 |
| * * Han Ngoc Linh Huynh
<i>Chemical Engineering
Minor in Mathematics</i> | * Bryce R. Jassmond
<i>Interactive Media and
Game Development
Computer Science</i> | Ditton Graciano Kawalya
<i>Mechanical Engineering</i> |
| John Hyde
<i>Chemical Engineering</i>
Awarded February 28, 2014 | * Nathan Richard Jaworski
<i>Civil Engineering</i> | Lee W. Keaffer
<i>Biology and Biotechnology</i> |
| Ariel Hyman
<i>Chemical Engineering</i> | Duje Jelaska
<i>Mechanical Engineering</i>
Awarded October 11, 2013 | * David T. Keeley-DeBonis
<i>Computer Science</i> |
| David Christopher Ilacqua
<i>Mechanical Engineering
with Mechanical Design</i> | Brian C. Jennings
<i>Mechanical Engineering
with Biomechanical</i> | * Elizabeth Barbara Kelley
<i>Chemical Engineering</i> |
| * Hosung Im
<i>Biomedical Engineering
Robotics Engineering</i> | Andrew Richard Johns
<i>Environmental Engineering</i>
Awarded February 28, 2014 | * * Sean Michael Kelly
<i>Biomedical Engineering</i> |
| Curtis James Innamorati
<i>Biochemistry</i>
Awarded October 11, 2013 | Eric Jacob Johnson
<i>Biology and Biotechnology</i> | * Corinne Kennedy
<i>Interactive Media and
Game Development</i> |
| * * Amanda Nicole Ippolito
<i>Biomedical Engineering
Minor in English</i> | * * Brittany Anne Jones
<i>Biology and Biotechnology</i> | * * Sonja Kent
<i>Industrial Engineering
Minor in Business
Minor in German</i> |
| * * Shakhizada Issagaliyeva
<i>Environmental Engineering</i> | Daniel Rodgers Jones
<i>Chemistry</i> | * Brendan Mark Kerrigan
<i>Civil Engineering</i> |
| Gary Lee Jackson
<i>Mechanical Engineering</i> | * * Emily K. Jones
<i>Biomedical Engineering
Chemical Engineering</i> | Shannon Patrick Ketcham
<i>Electrical and Computer
Engineering</i>
Awarded February 28, 2014 |
| * Alexandra Leigh Jaeger
<i>Civil Engineering</i> | * Lindsay Jones
<i>Biology and Biotechnology</i> | * * Narimane Khaled
<i>Aerospace Engineering</i> |
| Samuel Joseph Jaffe
<i>Mathematical Sciences
Computer Science</i> | Bansari Mayur Kamdar
<i>Management Engineering
Minor in English</i> | * Jeremy Harris Kibby
<i>Biomedical Engineering</i> |
| | | * * William John Kiely
<i>Mechanical Engineering</i> |

John Clifford Kilfoil <i>Management Engineering with Biomedical Engineering Minor in Spanish</i>	* Vivek Kumar <i>Biomedical Engineering Minor in Chemistry</i>	* Michael James LeBlanc <i>Biochemistry Biology and Biotechnology</i>
Maura Killeen <i>Mechanical Engineering</i> Awarded October 11, 2013	* Timothy Ryan Kurisko <i>Mechanical Engineering with Mechanical Design</i>	* * Mauricio Ledesma <i>Industrial Engineering Minor in Entrepreneurship</i> Awarded February 28, 2014
* Alexander Jungnom Kim <i>Interactive Media and Game Development</i>	* Kaitlyn Marie Labbay <i>Actuarial Mathematics</i>	* * Jefferson Ching Hoi Lee <i>Mechanical Engineering</i>
DongHae Kim <i>Mechanical Engineering with Aeronautics</i>	John Joseph LaCamera <i>Mechanical Engineering with Mechanical Design</i>	Jennifer Grace Parel Legaspi <i>Electrical and Computer Engineering</i>
Inhwan Kim <i>Civil Engineering with Environmental</i>	Thomas Curtis Lacroix <i>Civil Engineering</i>	* * Daniel W. Lent <i>Electrical and Computer Engineering</i>
Callie Barlow King <i>Chemical Engineering</i>	* * Justin Bronson Lagassey <i>Chemical Engineering</i>	Elia Lerma <i>Biomedical Engineering</i>
* Louisa S. King <i>Mechanical Engineering with Biomechanical</i>	Samuel J. Lalezari <i>Computer Science</i>	Mark Lerret <i>Civil Engineering</i> Awarded October 11, 2013
Catherine Jeanette Knott <i>Biomedical Engineering</i> Awarded February 28, 2014	* Douglas Lally <i>Computer Science</i>	* Stephanie Lesage <i>Biology and Biotechnology</i>
Ryan M. Kolb <i>Management Engineering with Operations Management</i>	* Andrew Charles Lamb <i>Biomedical Engineering</i>	* * Brian Myer Leslie <i>Electrical and Computer Engineering</i>
* Jacob Edward Konowitch <i>Biomedical Engineering</i>	* * Courtney Emily Langley <i>Biomedical Engineering</i>	Andrew Leverone <i>Biomedical Engineering</i>
William A. Korb <i>Society, Technology and Policy</i>	* Erin May LaRoche <i>Biomedical Engineering</i>	David Andrew Levien <i>Aerospace Engineering</i>
* Dennis N. Koufos <i>Electrical and Computer Engineering</i>	* Aleksandra Rose LaRue <i>Biomedical Engineering Mechanical Engineering</i>	Camille Shelley Levy <i>Mechanical Engineering</i>
* * Laura A. Kowalczyk <i>Chemical Engineering</i>	* * Myo Han Latt <i>Civil Engineering</i>	Lauren Emily Lewis <i>Electrical and Computer Engineering</i>
* * John David Krill Jr. <i>Biomedical Engineering Minor in Materials</i>	Jacob Anthony Lautman <i>Civil Engineering Minor in English</i>	Rachel Amelia Lewis <i>Mechanical Engineering Minor in Materials</i>
* Surabhi Kumar <i>Electrical and Computer Engineering Minor in Physics</i>	Christina Marie Lavarn <i>Electrical and Computer Engineering Minor in German</i>	* Bryan Z. Li <i>Aerospace Engineering Computer Science</i>
	Tuan Nhat Le <i>Mathematical Sciences</i> Awarded February 28, 2014	

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|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| * Congji Li
<i>Mechanical Engineering
Minor in Electrical and
Computer Engineering</i> | ** Zhengyuan Lu
<i>Mechanical Engineering</i> | Anselm Joey Mak
<i>Mechanical Engineering
with Mechanical Design
Robotics Engineering</i> |
| ** Ran Li
<i>Electrical and Computer
Engineering
Minor in Computer Science</i> | Andrew Benjamin Lukas
<i>Interactive Media and Game
Development</i> | * Brianna Rose Maljanian
<i>Civil Engineering</i> |
| * Yao Li
<i>Electrical and Computer
Engineering</i> | ** Ian Lukens
<i>Computer Science</i> | John Curtis Mallers Jr.
<i>Mechanical Engineering</i> |
| * William John Lind
<i>Chemical Engineering
with Materials</i> | Edward Raymond Lukowski IV
<i>Mechanical Engineering
with Mechanical Design</i> | ** Siena Mamayek
<i>Civil Engineering</i> |
| Daniel M. Lipka
<i>Aerospace Engineering</i> | * Emily Beth Lurier
<i>Biomedical Engineering</i> | Alicia L. Manley
<i>Management Engineering
with Environmental Engineering
Minor in Environmental and
Sustainability Studies</i> |
| ** Weifan Liu
<i>Mathematical Sciences</i> | ** Adrienne Taylor Lysen
<i>Mechanical Engineering
with Biomechanical</i> | Kevin David Mann
<i>Interactive Media and Game
Development
Minor in English</i> |
| ** Yilan Liu
<i>Computer Science
Mathematical Sciences</i> | ** Bryan Joseph MacDonald
<i>Chemical Engineering</i> | Gregory David Mannheim
<i>Management Information Systems
Minor in Computer Science</i> |
| ** Zhongxiu Liu
<i>Computer Science
Minor in Mathematics
Minor in Statistics</i> | ** Caryn Ellen MacDonald
<i>Environmental Engineering</i> | ** Bryan James Manning
<i>Mechanical Engineering
with Mechanical Design
Minor in Physics
Minor in History</i> |
| Ian Patrick Lonergan
<i>Computer Science</i> | Charles Kitterer MacDonald
<i>Mechanical Engineering with
Biomechanical</i> | ** Taylor Margaret Manning
<i>Biology and Biotechnology
Minor in History</i> |
| ** Mary A. Long
<i>Mechanical Engineering</i> | William David MacDowell
<i>Electrical and Computer
Engineering</i> | Hanin Maqsood
<i>Electrical and Computer
Engineering</i> |
| * Nathan W. Longnecker
<i>Computer Science</i> | Emily Sara Machlin
<i>Environmental Engineering</i> | Jordan David Marchetto
<i>Aerospace Engineering</i> |
| Jeremy Lester Lowrey
<i>Robotics Engineering</i> | Mayank Maewall
<i>Industrial Engineering</i>
Awarded October 11, 2013 | * Ashley Elizabeth Marcinkowski
<i>Chemical Engineering</i> |
| James Wilson Loy
<i>Robotics Engineering</i>
Awarded February 28, 2014 | Robert Joseph Mahoney
<i>Management Engineering
with Civil Engineering</i> | ** Alex M. Margiott
<i>Biomedical Engineering</i>
Awarded February 28, 2014 |
| ** Ye Lu
<i>Aerospace Engineering
Mathematical Sciences</i>
Awarded October 11, 2013 | * Christopher Alfred Maino
<i>Engineering Physics</i>
Awarded February 28, 2014 | |
| | Corey James Majeika
<i>Biomedical Engineering</i> | |

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* Nicholas Robert Martin <i>Mechanical Engineering</i> <i>Minor in Physics</i>	** Lauren McCarthy <i>Biomedical Engineering</i>	Charles Antonio Mendes <i>Chemical Engineering</i>
Christopher Joseph Martineau <i>Civil Engineering</i>	Karen Siobhan McDonald <i>Industrial Engineering</i> <i>Minor in Business</i>	** Michele Lee Mensing <i>Mechanical Engineering</i> <i>with Mechanical Design</i> <i>Physics</i>
Danielle Masone <i>Biomedical Engineering</i>	Nicole Marie McDonough <i>Mechanical Engineering</i>	* Edward W. Mercer <i>Civil Engineering</i> <i>Minor in Business</i>
* Anthony Mastromattei <i>Electrical and Computer</i> <i>Engineering</i>	** Brent Daniel McGrath <i>Electrical and Computer</i> <i>Engineering</i>	* Adam J. Meunier <i>Environmental Engineering</i> <i>Professional Writing</i> <i>Minor in English</i>
Brendan Matheny <i>Civil Engineering</i> <i>with Environmental</i>	** Devyn Elise McHugh <i>Biomedical Engineering</i>	** Samantha Leigh Meyerhoff <i>Civil Engineering</i>
Daniel R. Matroni <i>Electrical and Computer</i> <i>Engineering</i> Awarded February 28, 2014	Walter McIntyre <i>Robotics Engineering</i>	Jonathon P. Michel <i>Electrical and Computer</i> <i>Engineering</i> <i>Minor in Business</i>
Rachael Marie Matty <i>Biomedical Engineering</i> <i>Minor in Biology</i>	* Vincent John McMahan <i>Mechanical Engineering</i>	* Pedro John Miguel <i>Electrical and Computer</i> <i>Engineering</i>
* Wai Phyo Maung <i>Biomedical Engineering</i>	* Kelly Elizabeth McManus <i>Actuarial Mathematics</i> Awarded February 28, 2014	Emily E. Miller <i>Computer Science</i> <i>Interactive Media and</i> <i>Game Development</i>
Xavier Jacques Mauprivez <i>Interactive Media and Game</i> <i>Development</i> <i>Minor in Computer Science</i>	* Natalie McMillan <i>Chemical Engineering</i>	** Nathaniel William Miller <i>Computer Science</i>
** Christopher McAndrews <i>Computer Science</i>	** Taylor Cole McNally <i>Mechanical Engineering</i>	Cameron Mills <i>Biomedical Engineering</i> <i>Minor in Biology</i>
* Mark Francis McCabe Jr. <i>Mechanical Engineering</i>	Jacob McSweeney <i>Robotics Engineering</i>	** Emily R. Miner <i>Mechanical Engineering</i>
* Erik Peter McCaffrey <i>Aerospace Engineering</i>	Emily Gillian McWilliam <i>Electrical and Computer</i> <i>Engineering</i> <i>Minor in Business</i>	Molly Mioduszewski <i>Industrial Engineering</i> <i>Minor in Business</i>
** Hannah Leigh Graff McCallum <i>Aerospace Engineering</i>	* Sarah Katherine Meehan <i>Mechanical Engineering</i>	** Sam Vincent Miraglia <i>Biomedical Engineering</i> <i>Minor in Electrical and</i> <i>Computer Engineering</i>
* Courtney Jeanne McCann <i>Biochemistry</i> Awarded February 28, 2014	* Tara Brittany Meinck <i>Mechanical Engineering</i> <i>with Mechanical Design</i>	
Gregory Daniel McCarthy <i>Robotics Engineering</i>	* Brad Mello <i>Mechanical Engineering</i>	
	Tyler Jarrett Menard <i>Computer Science</i>	

* * Louie-John Vincenzo Mistretta <i>Electrical and Computer Engineering</i>	* Michael Morales <i>Electrical and Computer Engineering</i>	Michael Murillo <i>Electrical and Computer Engineering</i>
* * Lindsay Mitchel <i>Chemical Engineering</i> <i>Minor in Chemistry</i>	Nicholas Morassi <i>Biochemistry</i> <i>Minor in Drama/Theatre</i>	Edward Matthew Murphy <i>Robotics Engineering</i>
Tyler Jay Modelski <i>Biomedical Engineering</i>	Gabriel G. Morell-Pacheco <i>Electrical and Computer Engineering</i> Awarded February 28, 2014	* Elena Sergiu Musteata <i>Biology and Biotechnology</i> <i>Minor in Biochemistry</i>
Ashwin Mohanakumaran <i>Electrical and Computer Engineering</i>	* * Adam Christopher Moreschi <i>Management Engineering</i> <i>with Operations Management</i> <i>Minor in Entrepreneurship</i> Awarded February 28, 2014	Alexandra Mutty <i>Electrical and Computer Engineering</i>
Evan Christopher Molenda <i>Mechanical Engineering</i> <i>with Manufacturing</i> Awarded October 11, 2013	* Christine Mary Morgan <i>Mechanical Engineering</i> <i>Biomedical Engineering</i>	* Arnab Nanda <i>Mechanical Engineering</i> <i>with Biomechanical</i>
Christopher Molica <i>Biomedical Engineering</i> <i>Robotics Engineering</i> Awarded February 28, 2014	* Daniel Joseph Morgan <i>Mechanical Engineering</i>	* Samuel Omar Naseef <i>Robotics Engineering</i> <i>Mechanical Engineering</i>
* * Rachel Jacqueline Mollard <i>Biomedical Engineering</i> <i>Minor in Materials</i>	* Kelly Marie Morgan <i>Management Engineering</i> <i>with Biomedical Engineering</i> <i>Minor in Industrial Engineering</i>	* * Corinne Danielle Nawn <i>Biomedical Engineering</i> <i>Minor in Computer Science</i>
* Paul M.C. Monahan <i>Robotics Engineering</i> <i>Minor in Mechanical Engineering</i> <i>Minor in Computer Science</i>	* * Adam Francis Morin <i>Mechanical Engineering</i>	* Kara A. Negrini <i>Biomedical Engineering</i> <i>Minor in Biochemistry</i>
Joseph Monasky II <i>Civil Engineering</i>	* * Nicholas C. Morin <i>Robotics Engineering</i> <i>Computer Science</i>	Jacquelyn Marie Nemet-Sousa <i>Biochemistry</i> Awarded February 28, 2014
* * Katie A. Monighetti <i>Mechanical Engineering</i> <i>with Mechanical Design</i> <i>Minor in Spanish</i>	Ryan Alexander Moseley <i>Mechanical Engineering</i> <i>with Mechanical Design</i>	* * Katherine M. Newell <i>Biomedical Engineering</i>
Robert Lothar Monteith <i>Mechanical Engineering</i>	* Ransom Philip Mowris <i>Robotics Engineering</i> <i>Professional Writing</i>	Erik Joseph Newman <i>Chemical Engineering</i>
* * Madalyn Amber Moore <i>Industrial Engineering</i> Awarded February 28, 2014	* Devin Kostka Mulcahy <i>Robotics Engineering</i>	* Brianna Marie Newton <i>Biomedical Engineering</i>
* * Joshua Abraham Morales <i>Engineering Physics</i> <i>Minor in Mathematics</i> <i>Minor in Mechanical Engineering</i>	Matthew Robert Mulvey <i>Management Engineering</i> <i>with Biomedical Engineering</i>	* * Diana Dai Nguyen <i>Management</i> <i>Psychological Science</i> <i>Minor in Organizational Leadership</i> <i>Minor in Social Entrepreneurship</i>
		* * Khanh Thi Hoang Nguyen <i>Biochemistry</i>

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|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| * * Ngan Thuy Nguyen
<i>Chemical Engineering</i>
<i>Minor in Business</i> | * Stephen Philip Oliveira
<i>Mechanical Engineering</i>
<i>with Mechanical Design</i> | * Deniz Berk Ozgoren
<i>Robotics Engineering</i>
<i>Electrical and Computer</i>
<i>Engineering</i> |
| * * Thomas Van Nguyen
<i>Electrical and Computer</i>
<i>Engineering</i> | * * Amanda Olm
<i>Chemical Engineering</i> | * Isabel Heron Pagliaccio
<i>Mechanical Engineering</i> |
| * * Uyen Ngoc Thao Nguyen
<i>Chemical Engineering</i>
<i>Industrial Engineering</i>
<i>Minor in Biochemistry</i> | * Giovanna C. Olson
<i>Civil Engineering</i>
<i>Minor in Drama/Theatre</i> | * Karen Paklin
<i>Chemical Engineering</i> |
| * Brittany T. Nichols
<i>Mechanical Engineering</i>
<i>with Biomechanical</i> | Merrielle Diane Ondreicka
<i>Computer Science</i> | Divya Ramachandra Panickar
<i>Biology and Biotechnology</i> |
| Arianna Catherine Niro
<i>Robotics Engineering</i> | * * Keleigh Marie O'Neil
<i>Mathematical Sciences</i>
<i>Minor in Computer Science</i> | * Alexander K. Pankratov
<i>Biology and Biotechnology</i>
Awarded October 11, 2013 |
| * * Wesley Nitinthorn
<i>Computer Science</i>
<i>Minor in Management</i>
<i>Information Systems</i> | * * Timothy P. O'Neil
<i>Biomedical Engineering</i>
<i>Minor in Materials</i> | Justin Shane Paprota
<i>Electrical and Computer</i>
<i>Engineering</i> |
| * * Nicholas J. Noons
<i>Environmental Engineering</i> | * * Wut Yee Oo
<i>Mechanical Engineering</i>
<i>with Mechanical Design</i>
<i>Minor in Robotics Engineering</i> | Jeffrey Pascal Paquette
<i>Mechanical Engineering</i>
<i>with Mechanical Design</i> |
| Michael Benjamin Notkin
<i>Biomedical Engineering</i>
<i>Minor in Biology</i> | * Michael Elson O'Regan
<i>Mechanical Engineering</i> | Nirali Sanjay Parekh
<i>Biology and Biotechnology</i> |
| Peter Nowak
<i>Civil Engineering</i> | * Jeffrey Francis Orszulak
<i>Robotics Engineering</i>
<i>Minor in Electrical and</i>
<i>Computer Engineering</i> | David Michael Parry
<i>Mechanical Engineering</i> |
| Jack Richard O'Brien
<i>Physics</i> | * * José Luis Ortiz Rosero
<i>Industrial Engineering</i>
<i>Minor in Entrepreneurship</i>
<i>Minor in German</i> | * * Visit Pataranutaporn
<i>Computer Science</i> |
| * Sean A. O'Brien
<i>Computer Science</i>
<i>Humanities and Arts</i>
Awarded February 28, 2014 | * * Andrew Fiifi Osei
<i>Civil Engineering with</i>
<i>Environmental</i>
<i>Minor in Spanish</i> | Raj D. Patel
<i>Chemical Engineering</i>
<i>Minor in Biochemistry</i> |
| Paul Francis O'Brien III
<i>Mechanical Engineering</i>
<i>with Aeronautics</i> | * Molly Katherine Ott
<i>Biomedical Engineering</i> | * * Ankush Yuvraj Patil
<i>Chemical Engineering</i> |
| Julieth Ochoa
<i>Robotics Engineering</i> | Christina Elizabeth Ouellette
<i>Biology and Biotechnology</i> | * * Quan Peng
<i>Robotics Engineering</i>
<i>Minor in Computer Science</i> |
| * James Michael O'Connor
<i>Aerospace Engineering</i> | Benjamin Kwame Owusu-Ansah
<i>Biology and Biotechnology</i>
<i>Minor in Psychology</i> | Maris Pepo
<i>Biomedical Engineering</i> |
| * Brandon Okray
<i>Mechanical Engineering</i>
Awarded February 28, 2014 | | Jeffrey Perron
<i>Mechanical Engineering</i>
<i>with Mechanical Design</i>
Awarded October 11, 2013 |

Michael Joesph Perruccio <i>Management Information Systems</i>	David A. Polito <i>Biomedical Engineering</i> Awarded February 28, 2014	* Laurel Elizabeth Pytko <i>Actuarial Mathematics</i>
* Evan Joseph Perry <i>Mechanical Engineering</i> <i>Minor in Electrical and Computer Engineering</i>	* * Ryan J. Pollin <i>Mechanical Engineering with Mechanical Design</i> <i>Minor in Environmental and Sustainability Studies</i>	* Mariela Qirici <i>Mechanical Engineering</i>
Quinn Perry <i>Electrical and Computer Engineering</i>	* Brandon Reid Poole <i>Biochemistry</i> <i>Minor in Business</i>	Alex Michael Quartulli <i>Computer Science</i> <i>Interactive Media and Game Development</i>
* * Stephen Louis Peters <i>Mathematical Sciences</i> <i>Computer Science</i>	Matthew J. Poppa <i>Actuarial Mathematics</i> Awarded February 28, 2014	* Jeffrey Michael Quinn <i>Mechanical Engineering</i>
* Samuel F. Petersen <i>Electrical and Computer Engineering</i> <i>Minor in Computer Science</i> Awarded February 28, 2014	* * Kristin Elizabeth Poti <i>Biology and Biotechnology</i> <i>Humanities and Arts</i>	Nicholas Roy Rallis <i>Aerospace Engineering</i>
Jamie Rae Pierce <i>Environmental Engineering</i>	* Michael A. Potter <i>Civil Engineering</i>	Kevin Mauricio Ramirez <i>Mechanical Engineering</i> <i>Minor in Electrical and Computer Engineering</i>
* Tyler Ayanna Pietri-Bostick <i>Mechanical Engineering with Mechanical Design</i>	* * Alexandria Nicole Powell <i>Biomedical Engineering</i>	* * Trevor M. Rancourt <i>Mechanical Engineering</i> <i>Minor in Business</i>
William John McAdoo Pinette <i>Biomedical Engineering</i> <i>Minor in Materials</i>	Jessica Mary Prashaw <i>Mechanical Engineering</i>	* Ryan Aaron Rangle <i>Mechanical Engineering</i> <i>Minor in History</i>
* Asher Breakspeare Nii-Odartey Plange <i>Mechanical Engineering</i>	Alex Joseph Presnal <i>Actuarial Mathematics</i> <i>Minor in Business</i>	* * Olive Ruth Rappoli <i>Mechanical Engineering with Mechanical Design</i>
Eric W. Plante <i>Mechanical Engineering</i> <i>Minor in Manufacturing Engineering</i>	Victor Charles Puksta <i>Mechanical Engineering</i>	Savan Shantilal Ratanpara <i>Actuarial Mathematics</i>
* David Michael Poganski <i>Mechanical Engineering</i>	* Jennifer Pulkowski <i>Biology and Biotechnology</i>	* Grant Michael Raymond <i>Mechanical Engineering</i>
William Poirier <i>Interactive Media and Game Development</i>	* Katelyn Mary Puttre <i>Mechanical Engineering with Mechanical Design</i> <i>Minor in Music</i>	Alec Rebh <i>Biomedical Engineering</i> <i>Minor in Materials</i>
* Henrique Polido <i>Mathematical Sciences</i> <i>Computer Science</i> <i>Minor in Interactive Media and Game Development</i>	* * Hunter James Putzke <i>Aerospace Engineering</i>	Charity Lynn Reed <i>Biomedical Engineering</i>
	Antonio David Puzzi Garrido <i>Mechanical Engineering with Robotics</i> <i>Minor in Electrical and Computer Engineering</i>	Patricia Anne Reed <i>Physics</i>
		* * Umair Abdul Rehman <i>Electrical and Computer Engineering</i>

WORCESTER POLYTECHNIC INSTITUTE

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| * * Michaella Marie Reif
<i>Biochemistry
Humanities and Arts</i> | * * Jordyn Leigh Rombola
<i>Electrical and Computer
Engineering</i>
Awarded February 28, 2014 | * Neal Sacks
<i>Electrical and Computer
Engineering
Robotics Engineering
Minor in German</i> |
| Lamyae Reklouei
<i>Civil Engineering
Minor in International Studies</i> | * Marco Antonio Romero
<i>Aerospace Engineering</i> | * Enrique Salazar
<i>Management</i> |
| * * Theresa Marie Renna
<i>Biology and Biotechnology
Minor in Chemistry</i> | * * Ralle Adrian Rookey
<i>Mechanical Engineering
with Biomechanical
Minor in Materials</i> | Anthony Daniel Salerni
<i>Chemistry</i> |
| * * Tyler Kevin Reynolds
<i>Physics
Minor in German</i> | * * Eric Robert Rooney
<i>Environmental Engineering
Minor in Business</i> | * * Melissa Ann Samaroo
<i>Civil Engineering
Minor in Environmental
and Sustainability Studies</i> |
| Kyle Richardson
<i>Actuarial Mathematics
Minor in Business</i>
Awarded February 28, 2014 | * * Kathryn Louise Roosa
<i>Environmental Engineering</i> | * * Laura Marie Sandford
<i>Biology and Biotechnology
Minor in Computer Science</i> |
| * * Kelsey Morgan Rieger
<i>Industrial Engineering
Minor in Management
Information Systems</i> | * Jason Victor Rosenman
<i>Electrical and Computer
Engineering
Minor in Computer Science
Minor in Music</i> | Timothy Norman Sarasin
<i>Chemical Engineering</i> |
| * Jay Allen Ringenbach
<i>Environmental Engineering</i> | Joseph Rocco Rubino
<i>Civil Engineering</i> | Samantha Marie Sargalski
<i>Biomedical Engineering
Minor in English</i> |
| * * Andrea R. Rivas Ruffatti
<i>Biomedical Engineering
Minor in Materials</i> | Kevin Alexander Rullmann
<i>Mechanical Engineering
with Biomechanical</i> | Christopher J. Savoia
<i>Biomedical Engineering
Minor in Bioinformatics
and Computational Biology</i> |
| Devin Roberts
<i>Computer Science</i> | Caitlin T. Rush
<i>Biochemistry
Minor in Business</i> | * Sarah Rose Sawatzki
<i>Robotics Engineering
Minor in International Studies</i> |
| * Daniel Robertson
<i>Computer Science</i> | Anthony Russo
<i>Interactive Media and
Game Development</i>
Awarded February 28, 2014 | Meghan Elizabeth Sawicki
<i>Biochemistry</i> |
| Melissa Katerin Rodas
<i>Electrical and Computer
Engineering</i> | Steven Mize Rutledge
<i>Electrical and Computer
Engineering</i> | Kristen Elizabeth Schleier
<i>Mechanical Engineering</i> |
| * Dylan Tabare Rodriguez
<i>Management Engineering
with Applied Computer
Engineering Management
Minor in Law and Technology
Minor in Entrepreneurship</i> | Michael Jacob Ruzzi
<i>Electrical and Computer
Engineering
Minor in History</i> | * Kaitlyn Marie Schneider
<i>Psychological Science
Minor in Biology</i> |
| Patrick C. D. Roll
<i>Mechanical Engineering
Minor in Business</i> | * * Amanda Ryan
<i>Biomedical Engineering</i> | Max Schrader
<i>Environmental Engineering</i>
Awarded February 28, 2014 |
| | | * Iliana Jeanne-Marie Schulman
<i>Chemical Engineering
Minor in German</i> |

Mary E. Schwartz <i>Chemical Engineering with Biochemical</i> Awarded February 28, 2014	Salik M. Siddiqui <i>Electrical and Computer Engineering</i>	* * Christopher David Sontag <i>Electrical and Computer Engineering</i> <i>Minor in Environmental and Sustainability Studies</i>
* Erik Winfield Scott <i>Aerospace Engineering</i>	* * Daniel L. Sigalovsky <i>Biochemistry</i>	* Shahbaz Soofi <i>Industrial Engineering</i> <i>Minor in Environmental and Sustainability Studies</i>
* Erik Alexander Scougal <i>Aerospace Engineering</i>	Nicholas A. Silvia <i>Interactive Media and Game Development</i>	
* Bo Rim Seo <i>Mechanical Engineering</i> <i>Minor in Physics</i> <i>Minor in Music</i> Awarded October 11, 2013	Phillip Simon <i>Computer Science</i>	* Danielle Alyse Spector <i>Actuarial Mathematics</i> <i>Minor in Business</i>
Jaime Shannon <i>Management</i> Awarded October 11, 2013	* * Allison N. Simpson <i>Biology and Biotechnology</i> <i>Professional Writing</i>	Victoria Sculley Spofford <i>Mechanical Engineering</i> Awarded October 11, 2013
* Timothy J.W. Sharood <i>Robotics Engineering</i> Awarded October 11, 2013	* Matthew James Simpson <i>Robotics Engineering</i>	Matthew L. Sprague <i>Civil Engineering</i>
Gregory N. Sharp <i>Electrical and Computer Engineering</i>	Andrew Joseph Sinkewicz <i>Management Engineering with Operations Management</i> <i>Minor in Entrepreneurship</i>	John Michael Stackable <i>Aerospace Engineering</i>
* * Ronald D'Andre Sherrod <i>Chemical Engineering</i>	Tracy Marie Sinkewicz <i>Biology and Biotechnology</i>	Samantha Stadlander <i>Interactive Media and Game Development</i>
* Kexin Shi <i>Computer Science</i>	* * Doran Smestad <i>Computer Science</i>	* * Matthew James Steeves <i>Civil Engineering</i>
Alula T. Shiferaw <i>Mechanical Engineering</i>	* * Andrew Michael Smith <i>Chemistry</i> <i>Minor in Computer Science</i> <i>Minor in Drama/Theatre</i>	* Brendan Michael Stephen <i>Computer Science</i> <i>Minor in Management Information Systems</i>
* Leonard Shollo <i>Electrical and Computer Engineering</i>	* Kristen Anne Smith <i>Management</i>	* Evan Reed Stewart <i>Mechanical Engineering</i> <i>Minor in Materials</i> <i>Minor in Manufacturing Engineering</i>
* * Mark Haywood Shooter <i>Mechanical Engineering</i>	* Nicole Anne Smolko <i>Biology and Biotechnology</i>	
Peter Nelson Shorrock Jr. <i>Biomedical Engineering</i> <i>Minor in Electrical and Computer Engineering</i>	Alan Thomas Snapp <i>Aerospace Engineering</i>	* Brendan Stitt <i>Environmental Engineering</i>
* * Shikha Shrestha <i>Chemical Engineering</i>	Shun Watanabe Snoddy <i>Management Information Systems</i> <i>Minor in Computer Science</i>	Raymond P. Stockwell <i>Electrical and Computer Engineering</i> Awarded February 28, 2014
	* Erik Michael Snodgrass <i>Civil Engineering</i>	* * Victoria Alice Stratton <i>Chemical Engineering</i> <i>Minor in Business</i>
	* * Kelin Song <i>Biomedical Engineering</i> <i>Minor in Materials</i>	

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|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| * * Brian Nolan Strobel
<i>Mechanical Engineering with Robotics</i>
<i>Minor in Music</i> | Gregory Tersoff
<i>Computer Science</i>
<i>Interactive Media and Game Development</i> | John Arthur Tordoff
<i>Interactive Media and Game Development</i> |
| * Susan M. Stukas
<i>Civil Engineering</i> | * * Sarah Elizabeth Thayer
<i>Bioinformatics and Computational Biology</i> | * Leo Edward Torrente
<i>Mechanical Engineering</i>
<i>Minor in Business</i> |
| * Patrick Sullivan
<i>Electrical and Computer Engineering</i> | * Allison Thibault
<i>Electrical and Computer Engineering</i>
<i>Minor in Art</i> | Justin Michael Torres
<i>Aerospace Engineering</i>
Awarded October 11, 2013 |
| * * Yunqiu Sun
<i>Chemistry</i>
<i>Professional Writing</i> | * * Phyothinzar
<i>Electrical and Computer Engineering</i> | Joseph Toto
<i>Chemical Engineering</i> |
| * Kristin Sundberg
<i>Biomedical Engineering</i> | * * Sarah E. Thomson
<i>Mechanical Engineering with Mechanical Design</i> | Matthew Keith Townsend
<i>Actuarial Mathematics</i>
Awarded February 28, 2014 |
| * * John William Swalec
<i>Chemical Engineering</i>
<i>Minor in Materials</i> | * * Peerapas Thongsawas
<i>Industrial Engineering</i>
<i>Economic Science</i> | Nicholas Patrick Musselman Trabucco
<i>Biomedical Engineering</i>
<i>Minor in Biology</i>
Awarded February 28, 2014 |
| * William James Sweeney
<i>Mechanical Engineering</i> | * Dominique Marina Throop
<i>Chemical Engineering</i> | Nguyen Tran
<i>Computer Science</i> |
| John Stephen Synnott
<i>Computer Science</i> | * * Ran Tian
<i>Industrial Engineering</i>
<i>Minor in Computer Science</i>
Awarded February 28, 2014 | * * Natasa Trkulja
<i>Electrical and Computer Engineering</i>
<i>Minor in International Studies</i> |
| Joseph Victor Szerszunowicz
<i>Chemical Engineering with Materials</i> | Daniel D. Tocco
<i>Computer Science</i> | * David Michael Trujillo
<i>Mechanical Engineering</i> |
| * Alexander Richard Szumita
<i>Aerospace Engineering</i>
<i>Minor in Physics</i> | Amira Tokatli-Apollon
<i>Biomedical Engineering</i> | * Alyssa B. Tsiros
<i>Biology and Biotechnology</i> |
| Matthew R. Taber
<i>Chemical Engineering</i> | * Zachary Tomkinson
<i>Biomedical Engineering</i>
<i>Minor in Business</i> | * George H. Tsougranis
<i>Biochemistry</i>
<i>Minor in History</i> |
| Matthew Voland Tatro
<i>Mechanical Engineering</i>
<i>Minor in Manufacturing Engineering</i> | * Anqi Tong
<i>Mechanical Engineering with Mechanical Design</i>
<i>Minor in Manufacturing Engineering</i> | Andrew Steele Turgeon
<i>Mechanical Engineering with Materials Science and Engineering</i> |
| Nicholas J. Teceno
<i>Biochemistry</i>
Awarded October 11, 2013 | * Daniel Alden Edward Topping
<i>Biomedical Engineering</i>
Awarded October 11, 2013 | Ryan Friedrich Turner
<i>Mathematical Sciences</i> |
| Jean-Luc Teixeira
<i>Civil Engineering</i> | | Charvi Tyagi
<i>Electrical and Computer Engineering</i> |
| * * Da Teng
<i>Chemistry</i> | | |

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|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| * Jack Tyson
<i>Mechanical Engineering with
Thermal-Fluid Engineering</i> | ** Alexander Francis Verrelli
<i>Mechanical Engineering
with Mechanical Design</i> | * Taoning Wang
<i>Architectural Engineering</i> |
| * Arman Uygur
<i>Mechanical Engineering
with Robotics
Minor in Electrical and
Computer Engineering
Minor in Business</i> | * Tam Minh Vi
<i>Management Engineering
with Operations Management</i> | * Zibo Wang
<i>Computer Science</i> |
| ** Matthew Thomas Valcourt
<i>Civil Engineering</i> | * Gregory N. Viera
<i>Mechanical Engineering</i> | Catherine A. Waple
<i>Interactive Media and
Game Development</i>
Awarded February 28, 2014 |
| ** Veronica Isabel Vallenilla
<i>Industrial Engineering</i> | * Lee Joan Gamboa Villafuerte
<i>Chemical Engineering</i>
Awarded October 11, 2013 | ** Rachel Marie Warden
<i>Biology and Biotechnology
Biochemistry</i> |
| * Mariel Elizabeth VanAtta
<i>Civil Engineering with
Environmental</i> | Jordan Vishniac
<i>Computer Science
Interactive Media and
Game Development</i> | ** Shane William Waterman
<i>Physics</i> |
| Travis Aaron Van Dale
<i>Mechanical Engineering</i> | ** Tatiana Vitorino Prata
<i>Biomedical Engineering</i> | ** Ryan Bartlett Weitz
<i>Civil Engineering
Minor in Law and Technology
Minor in History</i> |
| * Nicholas Donald Van Sciver
<i>Biology and Biotechnology</i> | * Irma Marisela Vlasac
<i>Biology and Biotechnology</i> | ** Paige Victoria Westlake
<i>Management Engineering
with Operations Management</i> |
| Julien Van Wambeke-Long
<i>Robotics Engineering
Minor in Electrical and
Computer Engineering</i> | ** Raphael Peter Walcott
<i>Robotics Engineering
with Robotics
Mechanical Engineering</i> | * Keegan Garrity Westwater
<i>Actuarial Mathematics
Minor in Business</i>
Awarded February 28, 2014 |
| Michael John Vardaro
<i>Industrial Engineering
Minor in Business</i>
Awarded February 28, 2014 | Christian German Walker
<i>Interactive Media and
Game Development</i> | Ryan C. Wheeler
<i>Robotics Engineering
Minor in Entrepreneurship</i> |
| Keila M. Vazquez
<i>Biomedical Engineering</i>
Awarded February 28, 2014 | * Thomas Anthony Walker
<i>Chemical Engineering
Minor in Chemistry
Minor in Business</i> | Chadwick James Whitcher
<i>Mechanical Engineering
with Mechanical Design</i> |
| Jarred Alexander Velazquez
<i>Electrical and Computer
Engineering
Minor in Music</i> | ** Kelsey Ann Wall
<i>Biomedical Engineering</i> | ** Charles Wellington White III
<i>Biology and Biotechnology
Biochemistry</i> |
| ** Juan Mauricio Venegas
<i>Chemical Engineering</i> | Ryan Troy Wallace
<i>Electrical and Computer
Engineering</i> | * Justin Ryan White
<i>Aerospace Engineering</i> |
| James Ventola
<i>Management Engineering
with Biology</i> | Brendan Peter Walsh
<i>Mechanical Engineering
with Aeronautics</i> | * Melanie Louise Wiater
<i>Biomedical Engineering
Minor in Materials</i> |
| Courtney Verdel-Ogden
<i>Civil Engineering
Minor in Business</i> | Chenbo Wang
<i>Actuarial Mathematics</i> | Eric N. Willcox III
<i>Robotics Engineering
Electrical and Computer
Engineering</i> |
| | ** Melody Yijun Wang
<i>Architectural Engineering</i> | |

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* * Madeline Rae Willer <i>Civil Engineering with Environmental</i>	* Eileen Susan Wrabel <i>Biochemistry</i>	* * Jennifer Juliane Maria Zehnder <i>Chemical Engineering Minor in Materials Minor in American Studies</i>
Benjamin Alexander Black Wilson <i>Mechanical Engineering Minor in Robotics Engineering</i>	Katie Annmarie Wright <i>Biomedical Engineering</i>	* Haoyang Zhang <i>Interactive Media and Game Development Computer Science</i>
* * Danielle Catherine Wisheart <i>Biology and Biotechnology Minor in Biochemistry</i>	* Wenbo Wu <i>Chemistry</i>	* Yuchen Zhang <i>Actuarial Mathematics Computer Science</i>
* * Andrew Peter Wolff <i>Robotics Engineering Interactive Media and Game Development</i>	* * Heidi R. Wyman <i>Environmental Engineering Minor in Business</i>	* * Tianci Zhao <i>Robotics Engineering</i>
* Dana Elizabeth Wolkiewicz <i>Civil Engineering</i>	* * Zeynep Deniz Yalcin <i>Biomedical Engineering Minor in Industrial Engineering</i>	* Sean B. Zheng <i>Electrical and Computer Engineering</i>
* Jeffery Wilson Wong <i>Mechanical Engineering with Mechanical Design</i>	* * Yang Yang <i>Industrial Engineering</i>	Qiyang Zhou <i>Actuarial Mathematics</i>
Mung Wong <i>Actuarial Mathematics</i> Awarded October 11, 2013	Ziqing Yang <i>Actuarial Mathematics Minor in Computer Science</i>	Bolin Zhu <i>Interactive Media and Game Development Computer Science</i>
* Angela Marie Wood <i>Biology and Biotechnology Professional Writing</i>	Irene Yeung <i>Architectural Engineering</i>	Sergey Zolotykh <i>Robotics Engineering</i>
Tyler William Wood <i>Mechanical Engineering</i> Awarded October 11, 2013	* Kevin Kai Wing Yiu <i>Chemical Engineering</i>	Caitlin Marie Zuschlag <i>Biomedical Engineering</i> Awarded October 11, 2013
James W. Worcester <i>Mechanical Engineering with Robotics Minor in Manufacturing Engineering</i>	* * Stephen Foster Young <i>Industrial Engineering Minor in Management</i>	
	* Nathaniel James Yuhas <i>Mechanical Engineering</i>	
	* Lukasz Zawada <i>Interactive Media and Game Development Computer Science</i> Awarded October 11, 2013	

The names published in this Commencement program were determined from information available at the time of printing, which preceded the faculty vote on degrees. Inclusion of a name in the program is not testimony to completion of WPI's degree requirements and does not commit WPI to award a degree.

ACADEMIC HONORS AND AWARDS

— CLASS OF 2014 —

SALISBURY PRIZE

Nyansafu Aye-Addo, *Aerospace Engineering*
Paul Bender, *Civil Engineering*
Daniel Boudreau, *Humanities and Arts*
Elisabeth Boulanger, *Biomedical Engineering*
Damien Cabral, *Biochemistry; Biology and Biotechnology*
Katelyn Cabral, *Biomedical Engineering*
Thanacha Choopojcharoen, *Robotics Engineering*
Scott Paul Cornman, *Computer Science;*
Robotics Engineering
Xinxin Ding, *Biology and Biotechnology;*
Bioinformatics and Computational Biology
Anh Do, *Electrical and Computer Engineering*
Kevin Hufnagle, *Computer Science;*
Professional Writing (AWARDED 2013)
Ran Li, *Electrical and Computer Engineering*
Weifan Liu, *Mathematical Sciences*
Nicholas Noons, *Environmental Engineering*
Timothy O'Neil, *Biomedical Engineering*
José Ortiz Rosero, *Industrial Engineering*
Kristin Poti, *Biology and Biotechnology;*
Humanities and Arts
John Swalec, *Chemical Engineering*
Ryan Weitz, *Civil Engineering*
Andrew Wolff, *Interactive Media and Game Development;*
Robotics Engineering

This award is made to the most meritorious seniors at the university. It was established by Stephen Salisbury II, a WPI founder and the first president of the Board of Trustees.

TWO TOWERS PRIZE

Timothy Grupp, *Mechanical Engineering (AWARDED 2013)*
In keeping with the original purposes of the founders of WPI, the Two Towers Prize is awarded to students who, through general academic competence, campus leadership, regular course work, and special work in research and projects, best exemplify a combined proficiency in the theoretical and practical union that is at the heart of the WPI educational tradition. This prize was established by Mildred M. Tymeson Petrie, author of TWO TOWERS, WPI's centennial history, published in 1965.

SIGMA XI GRADUATE RESEARCH AWARD

John Favreau, *PhD candidate*: “Murine Ultrasound Imaging for Circumferential Strain Analyses in the Angiotensin II Abdominal Aortic Aneurysm Model”
Advisor: Glenn Gaudette

Ying Yang, *PhD candidate*: “Effects of Temperature, Light Intensity and Quality, Carbon Dioxide, and Culture Medium Nutrients on Growth and Lipid Production of *Ettlia oleoabundans*”
Advisor: Pamela Weathers

Yuwei Zhai, *MS candidate*:
“Additive Manufacturing (AM): Processing, Microstructure, Static and Dynamic Properties, and Damage Mechanisms”
Advisor: Diana Lados

This award, established in 1983, is presented for outstanding research by students at the doctoral and master's levels and is sponsored jointly by the Society of the Sigma Xi and the Committee on Graduate Studies and Research.

SIGMA XI UNDERGRADUATE RESEARCH AWARD

Courtney McCann: “Phylogenetic Profile of Copper Homeostasis in Deltaproteobacteria”
Advisor: José Arguello

Michele Mensing: “Design of a Protective Device for Head and Neck Injuries in Football”
Advisors: Brian Savidonis, Erkan Tüzel

This award, established in 2004, is presented for outstanding research by students at the undergraduate level and is sponsored by the Society of the Sigma Xi.

WILMER L. AND MARGARET M. KRANICH PRIZE

Giovanna Cutietta Olson

This award was established in 1994 by Margaret Kranich to honor WPI students majoring in engineering or science who best exemplify excellence in the humanities and arts and the full integration of these disciplines into their undergraduate experience. Wilmer Kranich, her husband, was dean of graduate studies at WPI. Margaret Kranich taught a variety of courses at WPI over the years and, as an artist, painted portraits of four WPI presidents and of Robert H. Goddard, Class of 1908.

Awards were presented in 2014, unless otherwise noted.

MARIETTA E. ANDERSON AWARD

Sarah Cote (AWARDED 2013)

Established by Arvid E. Anderson '20 in memory of his wife, this award is presented to outstanding freshman, sophomore, or junior women students who not only have a superior academic record, but have been work-study students, volunteers for college-sponsored activities, and participants in recognized extracurricular activities.

BONNIE-BLANCHE SCHOONOVER AWARD

Adrienne Lysen (AWARDED 2013)

This award, honoring WPI's former librarian, is provided by funds from an anonymous donor. Based on academic excellence, contributions to the WPI community, and professional goals, the award is given in tribute to junior women students preparing for a career in engineering or science, who have played a significant role at WPI.

ELLEN KNOTT AWARD

Elena Banegas Nuñez (AWARDED 2012)

Sylvia Parol (AWARDED 2012)

This award, honoring a longtime secretary in the Mechanical Engineering Department, is provided by funds from an anonymous donor. Based on academic excellence, contributions to the WPI community, and professional goals, the award is given in tribute to sophomore women students preparing for careers in engineering or science, and who have played a significant role at WPI.

GERTRUDE R. RUGG AWARD

Bethany Burke (AWARDED 2011)

Sylvia Parol (AWARDED 2011)

This award, honoring WPI's late registrar, is provided by funds from an anonymous donor. Based on academic excellence, contributions to the WPI community, and professional goals, the award is given in tribute to first year women students preparing for a career in engineering or science who have played a significant role at WPI.

BENJAMIN A. GILMAN INTERNATIONAL SCHOLARSHIP

Andrea Digioia, Mary Long, Adrienne Lysen, Sylvia Parol, Christopher Sontag, Mohammad Soofi

Established by the International Academic Opportunity Act, this scholarship provides awards for undergraduate study abroad.

GOLDWATER SCHOLARSHIP

Kristin Poti (HONORABLE MENTION)

The Barry M. Goldwater Scholarship Program, established in 1986 to honor U.S. Sen. Barry Goldwater, is designed to foster and encourage outstanding students to pursue careers in the fields of mathematics, the natural sciences, and engineering.

SOCIETY OF WOMEN ENGINEERS SCHOLARSHIP

Emily Miner

The SWE Scholarship Program provides financial assistance to women in accredited baccalaureate or graduate programs, in preparation for careers in engineering, technology, and computer science.

TAU BETA PI SCHOLARSHIP

José Ortiz Rosero, Sarah Thomson

Tau Beta Pi Scholarships are awarded to junior members in a national competition based on high scholarship, campus leadership and service, and promise of future contributions to the engineering profession.

GRADUATE RESEARCH ACHIEVEMENT DAY AWARDS

BUSINESS AND SOCIAL SCIENCE

Siavash Mortazavi, MS, School of Business:

“Gaze as Input: A New Way to Play Games”

Advisor: Soussan Djamasbi

Raafat Zaini, PhD, Social Science and Policy Studies:

“Dynastic Cycle: A Resource Allocation Theme for Addressing Dissent in Universities”

Advisor: Khalid Saeed

ENGINEERING

Aaron M. Birt, MS, Materials Science and Engineering:

“Spatiotemporal Property Control of Ti-6Al-4V Near Net Structures via the Laser Assisted Cold Spray Process”

Advisor: Diran Apelian

Yuwei Zhai, MS, Materials Science and Engineering:

“Microstructure Evolution, Mechanical Properties, and Damage Mechanisms in Ti-6Al-4V Manufactured by Laser Engineered Net Shaping”

Advisor: Diana Lados

Kemal S. Arsava, PhD, Civil and Environmental

Engineering: “Modeling, Control, and Monitoring of Smart Structures Under High Impact Loads”

Advisor: Yeesock Kim

Ivo T. Dobrev, PhD, Mechanical Engineering: “Full-Field Transient Acousto-Mechanical Response of Human Tympanic Membrane Characterized by High-Speed Digital Holography”

Advisor: Cosme Furlong

INTERDISCIPLINARY

Sarah E. Schultz, MS, Computer Science: “A Combined Model of Knowledge and Engagement for Educational Data Mining”

Advisor: Ivon Arroyo

Erin M. Kiley, PhD, Mathematical Sciences: “Electromagnetic, Thermal, and Mechanical Phenomena of Microwave Sintering: Introduction to the Comprehensive Model”

Advisor: Vadim Yakovlev

LIFE SCIENCES AND BIOENGINEERING

Erin K. Flaherty, *MS, Biology and Biotechnology*:
“Cytoplasmic Adaptor Protein MIG-10 Interacts with
Abelson Target ABI-1 During Neuronal Migration in
C. elegans”

Advisor: Elizabeth Ryder

Jason M. Forte, *PhD, Biomedical Engineering*:
“Development of a Cell Self-Assembled 3-Dimensional
in vitro Skeletal Muscle Tissue Model”

Advisor: Raymond Page

SCIENCE

Christopher Legacy, *MS, Chemistry and Biochemistry*:
“Iron Catalyzed Oxidative Syntheses of Amides”

Advisor: Marion Emmert

Nguyenho Ho, *PhD, Mathematical Sciences*: “Accelerated
Uzawa Iteration for the Stokes Equations”

Advisor: Sarah Olson

i3: INVESTING IN IDEAS WITH IMPACT AWARDS

BEST CONCEPT PRIZE

Lindsay Lozeau, *PhD candidate*: “AMProtection:
Preventing Implant Infections in the First Place”

Advisor: Terri Camesano

BEST PRESENTATION PRIZE

Sarah Hernandez, *PhD candidate*: “Diagnosing
Pre-Cancer”

Advisor: Tanja Dominko

PROVOST’S MQP AWARDS

ACTUARIAL MATHEMATICS

Alan Alezker, Kaitlyn Labbay, Laurel Pytko, Danielle
Spector: “Identifying Policy Characteristics Leading to
Benefit Exhaustion”

Advisor: Jon Abraham

AEROSPACE ENGINEERING

George Bucsan, Ryan Burgan, Marco Romero, John
Stackable, Alexander Szumita: “Micro Aircraft Team 2”

Advisors: David Olinger, Anthony Linn

ARCHITECTURAL ENGINEERING

Elizabeth Audet, Benjamin Bruso, Courtnae-Symone
Currie, Irene Yeung: “Architectural Engineering Institute
Student Design Competition”

*Advisors: Leffi Cewe-Malloy, Leonard Albano, Kenneth
Elovitz, Umberto Berardi*

BIOLOGY AND BIOTECHNOLOGY

Xinxin Ding: “Isolation of Temperature-sensitive
Mutants in the Moss *Physcomitrella patens* and Mapping
of their Casual Mutation by Genome Sequencing of
Pooled Segregants”

Advisors: Luis Vidali, Patrick Flaherty

BIOMEDICAL ENGINEERING

Cassandra Clift, Alexandria Powell: “Novel Low-Cost
Smartphone Enabled Contaminant Detection Device”

Advisors: Mustapha Fofana, Mark Norige

BUSINESS

Marina Chevis, José Ortiz Rosero, Veronica Vallenilla:
“Opticap XL Output and Workflow Improvement—
Examining Production Line Dedication”

Advisor: Renata Konrad

CHEMICAL ENGINEERING

Casey Hensel, Callie King, Joseph Szerszunowicz:
“The Effects of Biomass Particle Size on Production
Distribution of the Hydrothermal Liquefaction of
Pine Wood”

Advisors: N. Aaron Deskins, Michael Timko

Brianna Gillespie, Mary Long, Natalie McMillan,
Caitlin Walde: “Decomposition Kinetics of Fire
Resistant Polymers”

Advisors: David DiBiasio, Richard Sisson

CHEMISTRY AND BIOCHEMISTRY

Julia Darcy: “Copper-Catalyzed Methods for Benzylic
C-H Bond Amination”

Advisor: Marion Emmert

Joseph Cacaccio, Eileen Wrabel: “Development and
Analysis of a Novel Nanotherapeutic for the Treatment of
Glioblastoma Multiforme”

Advisor: Destin Heilman

CIVIL AND ENVIRONMENTAL ENGINEERING

Nicholas Noons, Andrew Osei, Kathryn Roosa, Mariel
VanAtta: “Nutrient Removal at the Gardner Wastewater
Treatment Facility”

Advisor: Jeanine Plummer

COMPUTER SCIENCE

Stephen Peters, Keleigh O’Neil: “Experimental
Improvements to Regularity Clustering”

Advisors: Gabor Sarkozy, Peter Christopher

Sam Jaffe, Thinh Nguyen, Brendan Stephen: “Intelligent
Simulation of Worldwide Application Distribution for
OnLive’s Server Network”

Advisors: Mark Claypool, David Finkel

ELECTRICAL AND COMPUTER ENGINEERING

James Beaulieu, Natasha Bonina, Phyto Thinzar, Lauren
Lewis: “Campus Safety System”

Advisor: Susan Jarvis

ENVIRONMENTAL ENGINEERING

Caroline Eigenbrodt, Eric Rooney: “Adsorption of 1,4
Dioxane on GAC with Regeneration by TiO₂/UV”

Advisor: John Bergendahl

HUMANITIES AND ARTS

Sarah Conlin: “Through the Eyes of a Student: 100 Years of Student Life at WPI”

Advisors: Kent Ljungquist, James Hanlan

INTERACTIVE MEDIA AND GAME DEVELOPMENT

Andrew Lukas, Christian Walker, Bryce Jassmond, Corinne Kennedy: “Ember’s InkLinko”

Advisor: David Finkel

Cian Rice, “Hyper Groove”

Advisor: Brian Moriarty

MATHEMATICAL SCIENCES

Weifan Liu: “Study of Whirling Instability”

Advisor: Sarah Olson

MECHANICAL ENGINEERING

Sarah Basehore, Tyler Bouchard, John Foy, Jerrod Heiser, Alexander Verrelli, Chadwick Whitcher: “Load Limiting Passive K3 Below-Knee Prosthetic”

Advisor: Christopher Brown

Matthew Chareth, Eduardo Fernandez, Eric Gehrken, William Grebe, Camden Mallette, Vincent McMahon, Tyler Moser, Justin Paprota: “Design and Optimization of a Formula SAE Vehicle”

Advisors: David Planchard, William Michalson

PHYSICS

Michele Lee Mensing: “Design of a Protective Device for Head and Neck Injuries in Football”

Advisors: Brian Savilonis, Erkan Tüzel

Luke C. Goodman: “Listening to Optical Spectra”

Advisor: Richard Quimby

Patricia Reed: “Spectroscopy of Thulium Doped Crystals for an 800 nm Laser”

Advisor: Richard Quimby

PROFESSIONAL WRITING

Allison Simpson: “Candidiasis Risk Factors and Co-Morbidities”

Advisors: Brenton Faber, Reeta Prusty Rao

ROBOTICS ENGINEERING

Sean Casley, Thanacha Choopojcharoen, Adam Jardim, Deniz Ozgoren: “Smart Robotic Prosthetic Hand”

Advisors: Cagdas Onal, Taskin Padir

SOCIAL SCIENCE AND POLICY STUDIES

Xi Wen: “Investing in Institutions for Cooperation”

Advisor: Alexander Smith

PRESIDENT’S IQP AWARDS

FINALISTS:

LISTED IN NO PARTICULAR ORDER

Courtnae-Symone Currie, Julian Enjamio, David Girardo, Casey Hensel: “Tsunami Awareness and Preparedness in the Greater Wellington Region”

Advisors: Michael Elmes, Ingrid Shockey

Timothy Grupp, Anthony Guerra, Olivia Hart, Dana Wolkiewicz: “Okundjeneka, Okutalaleka: A Two-Step Process for Sustainable Thermal Regulation in Kambashus in Katutura”

Advisors: Creighton Peet, Alexander Smith

Kailyn Connor, Steven Cortesa, Shakhizada Issagaliyeva, Adam Meunier: “Developing A Sustainable Waste Tire Management Strategy for Thailand”

Advisors: Stanley Selkow, Seth Tuler

Jay Ringenbach, Matthew Valcourt, Wenli Wang: “Mapping the Potential for Urban Agriculture in Worcester: A Land Inventory Survey”

Advisors: Robert Hersh, Suzanne LePage

AEROSPACE ENGINEERING—

AEROSPACE ENGINEERING AWARD

Luis Gonzalez, Narimane Khaled, Timothy Theriot, Justin White: “Optical Emission Study of a Pulsed Plasma Thruster”

Advisor: John Blandino

BIOLOGY AND BIOTECHNOLOGY—

JAMES F. DANIELLI AWARD

Ying Yang, *PhD candidate*

This award for excellence in research is named for former department head James F. Danielli, whose model for the cellular membrane remained relevant for a half century. A fellow of the Royal Society, he stressed the importance of research to good teaching and helped build the department into a center for scholarship.

BIOMEDICAL ENGINEERING—

ALFRED R. AND JANET H. POTVIN AWARDS

Yuan Yin, *PhD candidate*

This award is given to outstanding graduate students in biomedical engineering.

Maximilian Ardin, Kristin Sundberg

This award is given to outstanding undergraduate students in biomedical engineering.

CHEMISTRY AND BIOCHEMISTRY—

AMERICAN CHEMICAL SOCIETY DIVISION OF ORGANIC CHEMISTRY AWARD

Caitlin Hill

Michael LeBlanc (AWARDED 2013)

This award recognizes a student who has demonstrated excellence in organic chemistry at the undergraduate level and has future plans that include a career in chemistry.

HERB BEALL GENERAL CHEMISTRY AWARD

Julia Darcy (AWARDED 2011)

Xinxin Ding (AWARDED 2011)

Kristin Poti (AWARDED 2011)

Established to honor the memory of Professor Herb Beall, this award is given to students who have completed the freshman Chemistry course with superior academic performance.

GENERAL CHEMISTRY CHALLENGE AWARD

John Swalec

POLYED AWARD IN INORGANIC CHEMISTRY

Caitlin Hill

This award recognizes undergraduate students for outstanding achievement in Organic Chemistry.

POLYED AWARD IN ORGANIC CHEMISTRY

Julia Darcy

This award recognizes undergraduate students for outstanding achievement in Organic Chemistry.

CIVIL AND ENVIRONMENTAL ENGINEERING—

ANDREW HOLT MEMORIAL AWARD

Sarah Cote

This award is presented to civil engineering seniors who have consistently earned academic honors and who show excellent promise for success.

CARL F. MEYER IMPROVEMENT AWARD IN CIVIL ENGINEERING

Erik Snodgrass

Established by Professor Emeritus Meyer, this award is presented to civil engineering seniors who have demonstrated the most improvement in academic and professional attitude since entering the department.

FRANK D. DEFALCO AWARD

Taoning Wang, *Architectural Engineering* (AWARDED 2013)

This award is presented to juniors interested in going into professional practice in the constructed facilities area.

CIVIL ENGINEERING ADVISORY BOARD AWARD

Alexandra Jaeger, Nicole Martucci, Lamyae Reklouli, Erik Snodgrass, Matthew Steeves, Matthew Valcourt, Courtney Verdel-Ogden: "Myra Hiatt Kraft Memorial Bridge Restoration in Historic Elm Park"

Advisors: Tahar El-Korchi, Yeesock Kim, Nima Rahbar, Steven Van Dessel

This award is presented to the best MQP poster presentation.

COMPUTER SCIENCE—

COMPUTER SCIENCE OUTSTANDING SENIOR AWARD

Yilan Liu

This award is presented to computer science seniors who have an outstanding academic record and who have contributed to the enrichment and professional development of fellow students.

COMPUTER SCIENCE OUTSTANDING JUNIOR AWARD

Visit Pataranutaporn (AWARDED 2013)

This award is presented to Computer Science juniors who have an excellent academic record and who show promise for continuing success.

DR. NEIL G. SULLIVAN '83 MEMORIAL AWARD

Taymon Beal, Ryan Danas, Marc Green (AWARDED 2013)

This award was established in 1991 by members of the Sullivan family in memory of their son and brother, who was killed in an automobile accident that year. It is awarded to juniors majoring in computer science in recognition of demonstrated ability and promise.

ELECTRICAL AND COMPUTER ENGINEERING—

ETA KAPPA NU OUTSTANDING ELECTRICAL ENGINEERING TEACHING ASSISTANT AWARD

Yishuang Geng, *PhD candidate*

ETA KAPPA NU OUTSTANDING ELECTRICAL ENGINEERING SENIOR TUTOR AWARD

William MacDowell

HAROLD S. BLACK AWARD

Petra Hartman

Established to honor the memory of inventor Harold S. Black '21, this award is given by the faculty to ECE seniors who have demonstrated outstanding creativity and enthusiasm in engineering problem solving, practical implementation of problem solutions, and exemplary character in their contributions to the welfare of the WPI community.

WPI-IEEE COMMUNITY SERVICE AWARD

Petra Hartman, Daniel Hullihen, Jennifer Legaspi
Nicholas DeMarinis, Tan Zhang, *MS candidates*
Established by the IEEE University Partnership Program, this award is given to students, staff, and/or faculty who have made outstanding contributions to the ECE community.

HUMANITIES AND ARTS—

**CLASS OF 1879 PRIZE FOR OUTSTANDING PROJECTS
IN THE HUMANITIES**

Damien Cabral: "The Origins of Muslim Extremism"
Advisor: Bland Addison
Sarah Conlin: "Infamy: The Before After"
Advisor: James Cocola (AWARDED 2012)
This award is given to undergraduate students for excellent work in humanities projects that demonstrate exceptional creativity and skill in conceiving, developing, and expressing a theme within any discipline in the humanities and arts.

**INTERACTIVE MEDIA AND GAME
DEVELOPMENT—**

IMGD OUTSTANDING SENIOR AWARD

Bryce Dumas
This award is presented to Interactive Media and Game Development seniors who have an outstanding academic record and who have contributed to the enrichment and professional development of fellow students.

IMGD OUTSTANDING JUNIOR AWARD

Bryce Dumas, Alex Quartulli (*AWARDED 2013*)
This award is presented to Interactive Media and Game Development juniors who have an outstanding academic record and who have contributed to the enrichment and professional development of fellow students.

MATHEMATICAL SCIENCES—

DIMENSIONS AWARD

Weifan Liu, Mihnea Andrei
This award is given to seniors who have faithfully, industriously, and with distinguished attainment completed all requirements (and beyond) for the BS degree in Mathematical Sciences.

SENIOR MATH AWARD

Stephen Peters
This award is presented to senior mathematical sciences majors who have shown outstanding performance and who have made valuable contributions to the WPI community.

RICHARD V. OLSON AWARD

Mihnea Andrei (*AWARDED 2012*)
Established to honor the memory of Professor Olson, this award is given to sophomores in recognition of outstanding performance in basic mathematics courses.

MECHANICAL ENGINEERING—

DONALD N. ZWIEP SCHOLAR

Michele Mensing
This scholarship is awarded to a senior pursuing a mechanical engineering degree with emphasis in kinematics and design.

PHYSICS—

ROBERT H. GODDARD AWARD

Michele Mensing
Endowed by the graduation classes of 1908 and 1909 in memory of Robert H. Goddard '08, pioneer of American rocketry, this award recognizes outstanding achievement, scholarship, consistent effort, and dedication of purpose in both theoretical and experimental areas of physics.

LAWTON-PLIMPTON AWARD

Shane Waterman
Established in honor of Willard Elliot Lawton and Samuel James Plimpton, distinguished former members of the WPI Department of Physics, this award is made in recognition of steady and substantial improvement in physics scholarship, as evidenced by scholastic record and attained depth of understanding.

ROBOTICS ENGINEERING—

OUTSTANDING SENIOR AWARD

Scott Cornman

OUTSTANDING JUNIOR AWARD

Thanacha "Pi" Choopojcharoen (*AWARDED 2013*)

A FEW NOTES ABOUT COMMENCEMENT DAY

The annual graduation ceremony is an important milestone in the lives of our students and their families. The information on these pages will help assure this is an enjoyable and memorable event for everyone.

PROCESSIONAL AND RECESSIONAL—

The ceremony begins at about 10:30 a.m. with the processional. The marchers line up in front of Boynton Hall in the following order: honorary marshal, the colors, honorary marshal for graduate students, candidates for graduate degrees, ceremonial marshal, candidates for undergraduate degrees, faculty members, and the stage party. The procession moves across Earle Bridge and follows the roadway past Alden Memorial and Sanford Riley Hall, then moves onto the Quadrangle passing the bronze Proud Goat. (Guests are asked to not block the progress of the processional. It is especially important to keep the center aisle clear so marchers may make their way to their seats.)

At the ceremony's conclusion, the marchers, in reverse order, move back down the center aisle and proceed to the reception in the Sports and Recreation Center. (Again, guests are asked not to interfere with their progress.)

This year's honorary marshal is **Sharon Wulf**, professor of practice, WPI School of Business, and winner of the 2014 Trustees' Award for Outstanding Teaching. The honorary marshal for graduate students is **Diane Strong**, professor, WPI School of Business, and winner of the 2014 Trustees' Award for Outstanding Research and Creative Scholarship. The ceremonial marshal is **Eric W. Overström**, provost. The baton carried by the honorary marshal is the walking stick of John Boynton, a founder of WPI.

President Ryan wears the Presidential Medallion, with the WPI seal cast in silver and the names and years of service of all 15 of WPI's presidents engraved on small silver plates that form links in the chain. Provost Overström carries the Academic Mace, a 42-inch-tall staff made from fluted cherry wood topped with a circular silver pedestal on which sits, on edge, a large silver medal that has the WPI seal on both sides.

PHOTOGRAPHS AND VIDEOS—

The photographs and videos you take today will be treasured mementos. The following information should help all of our guests get the shots they want.

Photos before the ceremony: Degree candidates line up for the processional around 9:30 a.m. The line of graduate students begins in front of Boynton Hall and curves around the building toward Gordon Library. The line of undergraduate students begins near the library. Guests are asked to finish taking photos and proceed to the Quadrangle by 10:15.

Photos of the ceremony: Commencement Photographers Inc. will take a photograph of every graduate receiving his or her diploma. The company will mail proofs and an order form to graduates or their families. In addition, WPI will videotape the entire ceremony from several vantage points. For more information about the photo service, you may call Commencement Photographers at +1-978-851-5924. Video excerpts from the ceremony will be linked from the WPI home page (wpi.edu) the afternoon of Commencement day. A complete, high-quality video of the ceremony will be available for downloading within two weeks at wpi.edu/+Commencement.

Photos after the ceremony: If you'd like to capture your happy graduate after the ceremony, we recommend the following locations:

- The Stage Area: After the procession has left the Quadrangle, guests are invited to take photos on or near the stage (WPI banner and plantings in background).
- Earle Bridge: Spanning West Street, the footbridge is decorated with flowering plants.
- Boynton Hall: WPI's first building, with its granite exterior and clock tower, is located just across the footbridge.
- Higgins House: This WPI mansion, located directly behind the Campus Center, is surrounded by plantings and formal gardens that are in full bloom at this time of year.

Follow WPI's 146th Commencement Exercises on Twitter: @WPICommencement #wpi2014

ACADEMIC LEADERSHIP

VICE PROVOSTS

Michael B. Manning
Research

Mark P. Rice
Entrepreneurship and Innovation

ACADEMIC DEANS

David Cyganski (*INTERIM*)
Engineering

Karen Kashmanian Oates
Arts and Sciences

Arthur C. Heinricher
Undergraduate Studies

Joseph Sarkis (*INTERIM*)
School of Business

Richard D. Sisson Jr.
Graduate Studies

Richard F. Vaz
*Interdisciplinary and
Global Studies Division*

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Joseph B. Duffy
Biology and Biotechnology

Ki H. Chon
Biomedical Engineering

David DiBiasio
Chemical Engineering

Arne Gericke
Chemistry and Biochemistry

Tahar El-Korchi
Civil and Environmental Engineering

Craig Wills
Computer Science

Yehia Massoud
Electrical and Computer Engineering

Kathy A. Notarianni
Fire Protection Engineering

Kristin Boudreau
Humanities and Arts

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Mathematical Sciences

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Mechanical Engineering

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Peter H. Hansen
International Studies

Janice Gobert
Neil T. Heffernan
Learning Sciences and Technologies

John A. Orr
Lance E. Schachterle
Liberal Arts and Engineering

Diane M. Strong
Management Information Systems

Richard D. Sisson Jr.
*Manufacturing Engineering
Materials Science and Engineering*

LTC Ciro C. Stefano
Military Science/Army ROTC

Chrysanthe Demetry
*Morgan Teaching and Learning
Center*

CDR Jamie Godwin, USN
Navy ROTC

Dana L. Harmon
*Physical Education, Recreation,
and Athletics*

Chrysanthe Demetry
Jennifer DeWinter
Professional Writing

Jeanine Skorinko
Psychological Science

Michael A. Gennert
Robotics Engineering

Patricia A. Stapleton
Society, Technology, and Policy

Khalid Saeed
System Dynamics

WORCESTER POLYTECHNIC INSTITUTE

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Eric W. Overström <i>Provost</i>		

Alma Mater

Willard Hedlund, WPI Class of 1910

Dear Worces - ter Tech, our Worces - ter Tech, our prais - es ring to
4 thee. To Al - ma Ma-ter good and true, We pledge our loy-al - ty. Long
9 have we felt thy guid - ing hand, Thy teach - ings broad and free. With
13 prais - es loud in ev' - ry land, We'll show our love for thee. Then here's to
17 good old Worces - ter Tech Come, fel-lows, join in our re - frain Wave high the
21 col - ors crim - son and gray For good old Worces-ter Tech.

Following his graduation in 1910, Willard Hedlund taught civil engineering at WPI until 1913. He later served the city of Worcester as superintendent of public buildings. Hedlund's original version of the Alma Mater has seen a few changes over the years; these are the lyrics currently sung on the WPI campus.

A second stanza often follows:

As years roll on, and changes bring, To all things great and small
We still will thee in rev'rance hold, We'll greet thee, one and all
In accents which no one will doubt, In terms so strong and bold
The world will know thy worth to us Increases many fold.
Then here's to good old Worcester Tech, Come, fellows, join in our refrain
Wave high the colors crimson and gray, For good old Worcester Tech