



WPI

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

Undergraduate Ceremony

Ten O'Clock • Saturday
The Thirteenth of May
Two Thousand Seventeen
WPI Quadrangle

Worcester Polytechnic Institute

PROGRAM

Prelude	WPI Brass Ensemble Douglas G. Weeks, Conductor
Processional	Led by the Honorary Marshal <i>Full details on page 4</i>
Call to Order	Jack T. Mollen Chairman, WPI Board of Trustees
National Anthem	<i>The audience is invited to join in the singing</i>
Invocation	Rev. Cheryl Leshay Chaplain, WPI Collegiate Religious Center
Charge from the President	Laurie A. Leshin
Student Remarks	“Our WPI Story: Theory, Practice, and Impact” Veronica Delaney '17
Presentation of Senior Class Gift	Austin Higgins, Kelly Slabinski
Recognition of ROTC Graduates	President Leshin
Presentation of the Chairman’s Exemplary Faculty Prize	Bruce E. Bursten, Provost
Conferring of Honorary Degrees	President Leshin
Commencement Address	Rodney Brooks Founder, Chair, and CEO, Rethink Robotics
Presentation of Candidates for Degrees	Arthur C. Heinricher, Dean of Undergraduate Studies
Conferring of Degrees	President Leshin
Remarks from the Alumni Association	Rachel Delisle '96, '06 (MBA), President
Alma Mater	Chorus <i>Words and music on page 60</i>
Benediction	Rev. Leshay
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.

A FEW NOTES ABOUT TODAY'S CEREMONY

In a practice inaugurated in 2016, WPI is awarding undergraduate and graduate degrees at separate spring Commencement ceremonies. Master's and PhD degrees were presented on Thursday evening, May 11; bachelor's degree recipients receive their diplomas during today's ceremony.

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 are seniors Nicolas Adami-Sampson, Joseph Agresta, Megan Barter, Alexandra Bittle, Erica Bowden, Jacqueline Campbell, Nathan Caso, Sebastian Espinosa, Luis Fernandez, Andrew Flynn, Jonathan Griffin, Liam Perry, Alicia Weber, Thomas Meehan, Julia Scott, and Steven Soutto, accompanied by members of Alden Voices and the Men's Glee Club.

The Senior Class Gift is presented by gift committee chairs Austin Higgins and Kelley Slabinski. Totalling more than \$36,000, the Senior Class Gift is the product of more than 510 gifts, including a generous challenge match by trustee emeritus Win Priem '59. This year's gift establishes the class of 2017 Global Passport scholarship in support of the "Global Projects for All" initiative. A key priority of the Elevate Impact strategic plan, "Global Projects for All" removes financial barriers and enables every WPI student to pursue an off-campus project opportunity.

Student speaker Veronica Delaney is graduating with a BS in mechanical engineering. The Rehoboth, Mass., native is a sister of Alpha Xi Delta. She was a member of the Student Government Association all four years, most recently serving as vice president. She worked with her IQP team to identify and quantify the environmental and social impacts of the Panama Canal Expansion Project. Her MQP team created a modular geothermal heat pump system that uses the earth's thermal energy to heat and cool homes, while minimizing the space it takes up in the ground and maximizing the heat and cooling output. After graduation, she will be working for GE's Oil and Gas Operations Management Leadership Rotational Program.



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.

PROCESSIONAL AND RECESSIONAL—

Graduates begin lining up at 8:30 for the processional, which steps off at 9:30 (the ceremony itself starts at 10:00). Originating at Harrington Auditorium, the processional winds through the campus, crosses Earle Bridge, follows the sidewalk past Alden Memorial, moves onto the walkway behind Bartlett Center, turns at the Proud Goat statue, and proceeds up the center aisle under the tent.

At the conclusion of the ceremony, the marchers move down the center aisle and proceed as a group toward the Sports and Recreation Center. Guests are asked not to block the progress of the processional or recession. It is especially important to keep the center aisle clear so marchers may make their way to and from their seats.

This year's honorary marshal is **Stephen J. Kmiotek**, professor of practice in chemical engineering, and winner of the 2017 Trustees' Award for Outstanding Teaching; the baton he carries is the walking stick of John Boynton, a founder of WPI. The ceremonial marshal is **Bruce E. Bursten**, provost.

President Leshin wears the Presidential Medallion, with the WPI seal cast in silver and the names and years of service of all 16 presidents engraved on small silver plates that form links in the chain. Provost Bursten carries the Academic Mace, a 42-inch staff made from fluted cherrywood and topped with a circular silver pedestal on which sits a large silver medal with the WPI seal on each side.

PHOTOS AND VIDEOS—

The pictures taken today will be treasured mementos. The following information should help our guests get the shots they want.

Photos during the ceremony: The area in front and to the side of the stage is reserved for official (badged) WPI photographers. Guests are not permitted in this area and may not stand in the aisles or around the stage area during any part of the ceremony (this will be strictly enforced). A **photo stand** near the stage will be available through a ticketing system. The stand provides families and friends an elevated vantage point for taking photos of their graduates as they receive their diplomas.

Each graduate has received a ticket with the first letter of his or her last name. One member of your party may use this ticket to gain access to the photo stand when your graduate's name is approaching. Once your graduate has left the stage, please return to your seat to allow others the same opportunity. We ask that you not linger near the photo stand either before or after your graduate crosses the stage as you may prevent other guests with tickets from gaining access. Please do not stand in the aisles to take photographs as you will block the view of seated guests.

As you consider whether to make use of the photo stand, be aware that professional photographers (Commencement Photographers Inc.) will take a photograph from an optimal location near the stage of every graduate receiving his or her diploma. The company will mail proofs with an order form to graduates or their families. For more information, you may call Commencement Photographers at 978-851-5924.

WPI records the entire ceremony from several vantage points. A live stream is available on the WPI commencement website during the ceremony. 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 following 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 (with 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 Rubin Campus Center, is surrounded by plantings and formal gardens that are in full bloom at this time of year.

Photos with Faculty: Engineering graduates and faculty will gather in the Sports and Recreation Center; arts and sciences and business graduates and faculty will meet in Harrington Auditorium.

Auxiliary Viewing Location: Rubin Campus Center, upper level

Follow Commencement exercises on Twitter @WPICommencement and Instagram @WPI. Share your memories with #wpi2017.

CHAIRMAN'S PRIZE RECIPIENT

DIANE M. STRONG

Few researchers have the opportunity to help inaugurate an entirely new area of investigation. In an academic career that has spanned three decades, Diane Strong has been a pioneer three times over. A creative and meticulous scholar, she has been present at the creation of three major domains within the larger discipline of management information systems (MIS). Using such sophisticated tools as simulation experiments, computational models, and qualitative case studies, she has conducted highly influential and profusely cited work that seeks to illuminate how people and information technology can work together more productively in industry, business, and healthcare.

In the 1990s Strong helped found the study of data quality, which involves the development of rigorous approaches to assessing, controlling, and assuring the reliability and usability of data. Several of her early papers, published in top-ranked journals, are now considered classics, with one having garnered nearly 3,000 citations. While few researchers were systematically exploring the issues of data quality when she began this work, the field has gained significant relevance in the era of Big Data. In fact, she is a contributor to WPI's new graduate program in data science.

In the late 1990s her focus shifted to another emerging discipline, enterprise systems research, which studies the large-scale information systems that corporations and organizations deploy to integrate their business functions. In one groundbreaking study, supported by a five-year, \$300,000 award from the National Science Foundation (one of several significant awards she has received from government agencies, organizations, and corporations), she led a team that observed the implementation of an enterprise resource planning system at aerospace giant Pratt & Whitney, one of the largest such conversions ever attempted.

Most recently, she has turned her attention to the challenges and benefits of technology in healthcare. With support from several federal agencies, she has investigated the challenges that can hinder the implementation of medical

records systems and developed smartphone applications that marry innovative technology and evidence-based medicine to help patients work with their providers to better manage their care. Her interest in this field led her to spearhead the development of WPI's Healthcare Delivery Institute.

Strong joined WPI in 1995 with a BS in computer science and mathematics from the University of South Dakota, an MS in computer and information science from the New Jersey

Institute of Technology, and an MS in systems sciences and a PhD in information systems from Carnegie Mellon University. She has earned a reputation as an outstanding teacher and a leader in efforts to continually renew the MIS curriculum. She has brought innovative pedagogical approaches to her classroom, receiving NSF support for research on curriculum innovations, work she published to help other faculty members improve their courses.

A sought-after advisor, who manages to provide superb guidance to a long list of student advisees, undergraduate project teams, and graduate researchers, Strong is also noted for her devotion to mentoring young faculty members, helping them establish themselves as teachers and scholars and helping assure the continued growth and prominence of her department. She has long been active in service to her field, holding leadership positions in the Association for Information Systems, organizing major conferences, and accepting frequent invitations to serve as a speaker and a panelist. Her achievements have won her a number of honors, including WPI's Board of Trustees' Award for Outstanding Research and Creative Scholarship in 2014.

For her groundbreaking research that has helped inaugurate and shape three distinct areas of management information systems, her dedication to teaching and pedagogical innovation, and her outstanding service to students, fellow faculty members, and her profession, WPI is proud to confer upon Diane M. Strong the 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 Jack T. Mollen is proud to continue the tradition established by Mr. Peterson.

HONORARY DEGREE RECIPIENT

DONALD K. PETERSON '71

DOCTOR OF ENGINEERING

When WPI opened its doors in 1868, President Charles O. Thompson declared, “It is not the boy we are training, but the giant he is to become.” Almost exactly a century later, Donald Peterson arrived on campus, a local boy who would go on to become a giant in the telecommunications industry and in the evolution of WPI, itself.

After earning a BS in mechanical engineering at WPI, Peterson stayed nearby, joining State Mutual Life Assurance Company in Worcester as a senior analyst. Three years later, he embarked on a career in telecommunications that would span several decades, distinguished by a raft of impressive achievements and critical moments of decisive, visionary leadership. At Nortel Networks, he advanced through several key financial, sales, and general management positions—in the United States and Canada—including serving as chief financial officer of Northern Telecom Ltd. He later served as CFO of AT&T’s Communications Services Group and of Lucent Technologies.

Peterson accepted his greatest leadership challenge as the creator and CEO of Avaya, a multinational business technology company that was spun off from Lucent. Amid unsettling times for a contracting telecommunications industry, he forged ahead with a bold plan for the newly independent Avaya. He transformed its operations, achieving financial stability, investing in key growth areas, developing new products, and redefining its global brand. Through it all, he exhibited a key quality of his leadership approach: making it a priority to communicate with employees, listen personally to their concerns, and provide straightforward explanations.

For his achievements at Avaya, Peterson was recognized as the 2001 “CEO of the Year” by Frost & Sullivan, a strategic marketing consulting and training firm. That same year, he received the WPI Presidential Medal. One of the university’s highest honors, the medal is given to those who exemplify the ideal of the technological humanist, using their knowledge and

skills to advance science and technology and serve the greater public good.

He has long used his skills to support and advance his alma mater, as well. A former class agent, he was a longtime member of the WPI Board of Trustees, serving as board chairman from 2005 to 2010. Upon his appointment as chairman, then-WPI President Dennis Berkey said, “Don

Peterson’s impressive career of achievement and entrepreneurial leadership, in roles of global reach and profound importance to the communications industry, makes him extremely well suited both to lead this distinguished university and to provide a standard against which our students can model their own career aspirations.”

In 2007 he established the Chairman’s Exemplary Faculty Prize. Presented each year at Commencement, it honors WPI faculty members for overall excellence. In 2008 he and his wife, Maureen, endowed the Peterson Family Professorship in the Life Sciences and

Bioengineering, recognizing WPI’s leadership in these critical fields and supporting the university’s founding principle that science and technology should contribute to the betterment of society. Since 2010 the professorship has been awarded to the Peterson Family Dean of Arts and Sciences.

Peterson’s volunteer leadership activities extend beyond WPI. He serves on the boards of TIAA Bank FSB and the Sanford C. Bernstein Fund. He is a trustee of Teachers Insurance and Annuity Association of America (TIAA) and a former member of the board of overseers of the Amos Tuck School of Business, where he earned an MBA.

For his outstanding contributions to the telecommunications industry, his exemplary leadership, and his inspiring example of the giant that all WPI students can become, WPI is proud to honor Donald Peterson with the degree of Doctor of Engineering, *Honoris Causa*.



HONORARY DEGREE RECIPIENT

RODNEY BROOKS DOCTOR OF SCIENCE

Rodney Brooks has been called many things. At age four, he was known as “the professor.” The founding director of the MIT’s Computer Science and Artificial Intelligence Laboratory, he was dubbed the “Bad Boy of Robotics” by *Popular Science*. And with one trailblazing invention after another, he has been widely lauded as “the ‘father of modern robotics.’” Today we are delighted to add one more title to this impressive list of accolades: honorary graduate of WPI.

While Brooks’s pioneering work spans several decades, it has been fueled by a single enduring passion: “to understand life by building something lifelike.” Brooks built his first lifelike machine as a boy in his native Australia, where he grew up in a small city that seemed, he says, quite remote from the rest of the world. Built from scrap metal and cheap circuits, the ingenious robot, which he named Norman, could follow a flashlight beam and move around a room on its own.

After earning bachelor’s and master’s degrees in mathematics from Flinders University in Adelaide, Brooks followed his passion for invention to the United States, where he received a PhD in computer science from Stanford University. From there, he traveled 3,000 miles east, serving on the faculty of the Massachusetts Institute of Technology from 1984 to 2010. At MIT, he created an entirely new field, behavior-based robotics, and also built one of the most influential robots ever created. Named Genghis, it was the first robot endowed with basic artificial intelligence, allowing it to adapt to its environment as it walked, climbed, and moved faster than almost any previous robot. Reflecting this major advance, which informs how nearly all robots are designed and programmed today, Genghis was displayed for more than a decade at the Smithsonian’s National Air and Space Museum, not far from other technological breakthroughs, including the Wright Flyer and the Apollo 11 Command Module. Today, Brooks is the Panasonic Professor of Robotics, emeritus, at MIT.

In 1990, Brooks co-founded the advanced technology company iRobot, where he served variously as chief technology officer, chairman, and board member until 2011. The groundbreaking company is known for bringing to

market the Roomba line of floor cleaners (the first commercial robots) and the rugged PackBot (known for deactivating roadside bombs in Iraq and Afghanistan and assessing damage within the crippled Fukushima nuclear power plant). In 2008 Brooks founded Rethink Robotics, which is helping define how humans and robots will work together in industry with its smart, collaborative industrial robots Baxter and Sawyer. Driven in part by Brooks’s fierce desire to help American

manufacturers compete globally, the company applies advanced robotic intelligence to manufacturing and physical labor.

For his pioneering and world-changing work, Brooks has been honored with election to the National Academy of Engineering. He has also been elected as a fellow of the American Academy of Arts and Sciences, the Association of Computing Machinery, the Association for the Advancement of Artificial Intelligence, the Institute of Electrical and Electronics Engineers, and the American Association for the Advancement of Science.

Brooks has also received several major awards, including the Computers and Thought Award at the 1991 International Joint Conference on Artificial Intelligence, the 2014 Robotics Industry Association’s Engelberger Robotics Award for Leadership, and the 2015 IEEE Robotics and Automation Award.

Author of the popular book *Flesh and Machines: How Robots Will Change Us*, Brooks has been lauded by *Time* as “famous for finding radical, counterintuitive approaches to intractable problems.” A widely sought after presenter and speaker, he has been a frequent guest on television and radio programs, including *Good Morning, America* and NPR’s *Science Friday*. He starred as himself in the memorable 1997 Errol Morris documentary, *Fast, Cheap, and Out of Control*, which was named after one of Brooks’s scientific papers.

For his revolutionary contributions to the field of robotics, indefatigable spirit, and visionary ideas and inventions that have changed the world, WPI is proud to confer on Rodney Brooks the degree of Doctor of Science, *Honoris Causa*.



ARTS AND SCIENCES

BIOLOGY AND BIOTECHNOLOGY DEPARTMENT

Daniele Anina
Biology and Biotechnology
Minor in Psychology

Andrew Robert Baker
Biology and Biotechnology
Biochemistry

Samantha Rose Bircsak
Biology and Biotechnology

Jennifer Rene Bombard
Biology and Biotechnology
Minor in Chemistry
Awarded February 24, 2017

Eric S. Borges
Biology and Biotechnology

Rachel Elizabeth Brown
Bioinformatics and
Computational Biology
Biology and Biotechnology

Aidan Hugh Southerden Burn
Biology and Biotechnology

Rebecca Leigh Burns
Biology and Biotechnology
Psychological Science

Allison Marie Butt
Biology and Biotechnology
Biochemistry

Alessandra Chiamonte
Biology and Biotechnology
Minor in Chemistry

Eva Peng Childers
Biology and Biotechnology
Minor in Chinese Studies

Cecelia Cotter
Biology and Biotechnology

Josephine Cromartie
Biology and Biotechnology
Awarded February 24, 2017

Edward William Dring
Biology and Biotechnology
Minor in Spanish

Sebastian Ciro Espinosa
Biology and Biotechnology

Ainaz FathiBitaraf
Biology and Biotechnology
Awarded October 7, 2016

Frederick Wolfgang Gergits
Biology and Biotechnology
Minor in Bioinformatics and
Computational Biology

Rebecca Mary German
Biology and Biotechnology
Minor in Biochemistry

Matthew Ross Googins
Biology and Biotechnology
Minor in Biochemistry

Alena Marie Grilla
Biology and Biotechnology

Lindsay Meg Gurska
Biology and Biotechnology

Colin Hunter Harrington
Biology and Biotechnology

Whitney Jeanne Hazard
Biology and Biotechnology

Rachael Denielle Heard
Biology and Biotechnology

Julia Louise Holtzman
Biology and Biotechnology

Arba Karcini
Biology and Biotechnology
Minor in Bioinformatics and
Computational Biology
Minor in Writing and Rhetoric

Gregory A. Kasper
Biology and Biotechnology

Zahra Salem Halema Khazal
Biology and Biotechnology

Chloe Lynn LaJeunesse
Biology and Biotechnology

Jeffrey Raymond Letourneau
Biology and Biotechnology
Minor in Spanish
Minor in Bioinformatics and
Computational Biology

Max Fine Levine
Bioinformatics and
Computational Biology

Reed Alex Maxim
Biology and Biotechnology

Christine R. McCarron
Biology and Biotechnology

Mackenzi Rae McHugh
Biology and Biotechnology

Tara McHugh Simpson
Biotechnology

Shelby Megan McQueston
Biology and Biotechnology

David Michael Morgan
Biology and Biotechnology
Awarded February 24, 2017

Doreet Nagatti
Biology and Biotechnology
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Bernat Navarro Serer
Biology and Biotechnology
Biochemistry

Sunny Sang Huynh Nguyen
Biology and Biotechnology
Minor in Bioinformatics and
Computational Biology
Awarded October 7, 2016

*Graduates wear colored cords to signify earned honors:
crimson for distinction, silver for high distinction.*

Marissa Lauren Patterson
Biology and Biotechnology
Minor in Business

Evelyn Jill Platko
Biology and Biotechnology

Charlotte Jewell Reames
Biology and Biotechnology
Minor in English

Meredith Anne Rioux
Biology and Biotechnology
Professional Writing

Rebecca Lyn Seymour
Biology and Biotechnology

April Louise Solon
Biology and Biotechnology
Biochemistry

Catherine Elizabeth Souza
Biology and Biotechnology
Minor in International and
Global Studies

Kerrin Spinney
Bioinformatics and
Computational Biology

Kathleen Elizabeth Tran
Biology and Biotechnology
Awarded February 24, 2017

Emma-Jane Turton
Biology and Biotechnology

Anna Ingrid Wortman
Biology and Biotechnology

Jaden M. Yabut
Biology and Biotechnology
Minor in Psychology

CHEMISTRY AND BIOCHEMISTRY DEPARTMENT

Andrew Steven Baez Rivera
Biochemistry

Everett Vincent Pope Baker
Chemistry
Minor in Materials

Kyle Alfred Bessette
Biochemistry

Paul deNyse Burrowes V
Biochemistry

Christine Elizabeth Carbone
Biochemistry
Minor in Biology

Victor Chau
Biochemistry

Kimberly Marie Coddling
Biochemistry
Professional Writing

Abigail Carissa Cornwell
Biochemistry
Minor in English

Whitney Janae Davis
Biochemistry
Minor in Spanish

Alexandra Marie D'Ordine
Biochemistry
Professional Writing

Jessica Rose Falci
Chemistry with Medicinal Chemistry

Niamh Alice Fennessy
Biochemistry
Minor in Spanish

Sarah K. Fields
Chemistry

Benjamin Carleton Hawks
Chemistry
Awarded October 7, 2016

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Biochemistry

Angela Maria Jimenez
Biochemistry
Awarded October 7, 2016

Parsant Jotikasthira
Biochemistry

Wasih Kamran
Biochemistry

Paige A. Lamica
Chemistry

Miranda Paige Lawell
Biochemistry
Minor in Global Public Health

Kyle Stuart Morrison
Biochemistry

Vanesa Pinderi
Biochemistry
Minor in Bioinformatics and
Computational Biology

Stephanie Michelle Puckett
Chemistry
Minor in Biology

Androniqi Qifti
Biochemistry
Minor in Bioinformatics and
Computational Biology

Margaret Ann Russell
Chemistry

Anna Leigh Schozer
Chemistry

Victoria Semple
Biochemistry
Minor in Biology

Shwe Thein
Chemistry

Hannah Thompson
Biochemistry
Minor in Global Public Health
Minor in Psychology

Nicholas Venditto
Chemistry

COMPUTER SCIENCE DEPARTMENT

Rayan A. Alsoby
Computer Science
Minor in Robotics Engineering

Joshua Daniel Audibert
Computer Science
Minor in Interactive Media and
Game Development

Philipp Henry Baumann III
Computer Science
 Awarded October 7, 2016

Matthew Beaulieu
Computer Science

Daniel Jonathan Beckwith
Computer Science

Tyler Bennett
Computer Science

Benjamin Gindi Bianchi
Computer Science

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Joseph Charles Travis Blackman
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Minor in Mathematics

Dmytro Bogatov
Computer Science
Minor in Economics
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Nicholas Schoneweg Bradford
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Minor in Robotics Engineering

Logan Edward Brown
Computer Science

Kurt Bugbee
Computer Science

Benjamin I. Chaney
Computer Science

Nicholas Stephen Chaput
Computer Science

Justin Scott Charron
Computer Science

Jeffrey John Chaves
Computer Science

Yao Yuan Chow
Computer Science
Mathematical Sciences

Ethan Arthur Coeytaux
Computer Science
*Minor in Electrical and
 Computer Engineering*

Devon Coleman
Computer Science

Ezra Philip Darius Davis
Computer Science
*Minor in Electrical and
 Computer Engineering*
*Minor in Interactive Media and
 Game Development*

Nicholas Anthony Diaz
Computer Science

Zhaochen Ding
Computer Science

Ziyan Ding
Computer Science
Mathematical Sciences

Robyn Angela Domanico
Computer Science

Arun Donti
Computer Science
Minor in Business
Minor in Data Science

Arthur Joseph Dooner
Computer Science
*Minor in Electrical and
 Computer Engineering*

Jesse Earisman
Computer Science
Minor in Mathematics

Erin Paige Esco
Computer Science

Gordon Gao
Computer Science
Minor in Business

Christian P. Gonzalez
Computer Science

Elijah Lee Gonzalez
Computer Science
*Minor in Interactive Media and
 Game Development*

Kewen Gu
Computer Science
*Minor in Electrical and
 Computer Engineering*

Michael Dillon Harney
Computer Science
Minor in Writing and Rhetoric

William August Hartman
Computer Science

Gavin Arthur Hayes
Computer Science

Fiona Heaney
Computer Science

Joshua Hebert
Computer Science

Walter Ho
Computer Science

Yuheng Huo
Computer Science

Alexander Joseph Huot
Computer Science
Mathematical Sciences

Theresa Kathryn Inzerillo
Computer Science

Steven Patrick Ireland
Computer Science
 Awarded February 24, 2017

Adilet Issayev
Computer Science

Clark William Jacobsohn
Computer Science

Ian Jacoway
Computer Science
Minor in Mathematics

Cameron T. Jones
Computer Science

Myles Brandon Karam
Computer Science
*Interactive Media and
 Game Development*

Bryce Christian Kaw-uh
Computer Science
International and Global Studies

Alexi Robert Kessler
Computer Science

Artian Kica
Computer Science
Awarded October 7, 2016

Ryan Baylor Killea
Computer Science

Dean Joseph Kiourtsis
Computer Science

Stephen Robert Lafortune
Computer Science

Rupak Lamsal
Computer Science

Patrick Robert Lebold
Computer Science

Tiffany Leung
Computer Science

Li Li
Computer Science

Mengwen Li
Computer Science
Electrical and Computer Engineering

Jacob Steven Link
Computer Science
Minor in Interactive Media and Game Development

Michael Joseph LoTurco
Computer Science

Ying Lu
Computer Science
Awarded February 24, 2017

Jesse Axelrod Marciano
Computer Science
Minor in Interactive Media and Game Development

Andrew McAfee
Computer Science

Matthew McCarthy
Computer Science

Derek Matthew McMaster
Computer Science

Benjamin John McMorran
Computer Science
Minor in Electrical and Computer Engineering

Thomas James Meehan
Computer Science
Interactive Media and Game Development

Ivan Melnikov
Computer Science Physics

Andrew Jack Mokotoff
Computer Science

Preston Izant Mueller
Computer Science

Adam Edmonds Myers
Computer Science
Interactive Media and Game Development

Yahel Nachum
Computer Science
Interactive Media and Game Development

Erik Ilan Nadel
Computer Science

Christopher Joseph Navarro
Computer Science

John Perry Nelson
Computer Science
Interactive Media and Game Development

Hoang Minh Ngo
Computer Science

Matthew Nam Nguyen
Computer Science

Tyler Jeffrey Nickerson
Computer Science
Minor in Chinese Studies

Aditya Nivarthi
Computer Science

Seth Daniel Norton
Computer Science
Minor in Robotics Engineering

Jackson Edward Oliva
Computer Science
Minor in Interactive Media and Game Development

Ryan Neil Orlando
Computer Science
Minor in Economics

Nicholas Ackley Paganetti
Computer Science

Alexandre Jean Pauwels
Computer Science
Robotics Engineering

Joseph William Perez
Computer Science
Minor in Electrical and Computer Engineering

Tim Alexander Petri
Computer Science

Duc Minh Pham
Computer Science
Awarded October 7, 2016

Isamu George Press Nakagawa
Computer Science

Andrew Laurence Ray
Computer Science
Interactive Media and Game Development

Zachary Reid Sweet Robbins
Computer Science
Minor in Business

Austin T. Rose
Computer Science

Brian Rubenstein
Computer Science
Interactive Media and Game Development

Paula Lorraine Rudy
Computer Science

Himanshu Sahay
Computer Science

Jonathan Robert Sawin
Computer Science

Daniel Peter Seaman
Computer Science
Minor in Business

Bailey Kyra Sheridan
Computer Science
Minor in Interactive Media and
Game Development

Ian Renee Shusdock
Computer Science
Mathematical Sciences

Jeff Allen Sirocki
Computer Science
Minor in Entrepreneurship

Matthew James Suarez
Computer Science

Andrew Raymond Tautkus
Computer Science

William Miller Temple II
Computer Science

Akshay Thejaswi
Computer Science

Alexander David Titus
Computer Science

Jean Marc Touma
Computer Science
Awarded February 24, 2017

Sai Kiran Vadlamudi
Computer Science

Julie F. Valim
Computer Science

William Alexander Van Rensselaer
Computer Science

Maurizio Vitale Touris
Computer Science

Jules Andal Voltaire
Computer Science

Alexander William Wald
Computer Science
Minor in Electrical and
Computer Engineering

Lambert Wang
Computer Science
Minor in Interactive Media and
Game Development

Xuanzhe Wang
Computer Science

Yiren Wang
Computer Science
Minor in Electrical and
Computer Engineering

Yudi Wang
Computer Science

Jacob Ross Watson
Computer Science
Minor in Management Information
Systems
Minor in History

Xiaosong Wen
Computer Science
Awarded October 7, 2016

Yuan Wen
Computer Science
Minor in Electrical and
Computer Engineering

Hugh Whelan
Computer Science
Minor in German

Nicholas Sze-Yu Wong
Computer Science
Minor in Interactive Media
and Game Development

Ziyao Xu
Computer Science
Minor in Management Information
Systems

Xiaoren Yang
Computer Science
Awarded February 24, 2017

Nan Zhang
Computer Science
Industrial Engineering

Yihong Zhou
Computer Science
Robotics Engineering

Matthew Zielonko
Computer Science
Minor in Mathematics
Minor in Spanish

HUMANITIES AND ARTS DEPARTMENT

Samantha Mechelle Gauthier
International and Global Studies

INTERACTIVE MEDIA AND GAME DEVELOPMENT PROGRAM

August Deford Beers
Interactive Media and
Game Development
Computer Science

Charlie Bickle
Interactive Media and
Game Development
Awarded February 24, 2017

Rachel Jeanne Burton
Interactive Media and
Game Development
Minor in Spanish

Christopher Dowding
Interactive Media and
Game Development

Alexander Ximon Guerra
Interactive Media and
Game Development
Minor in Computer Science

Richard Howard Hayes III
Interactive Media and
Game Development
Professional Writing

Graham Fisher Held
Interactive Media and
Game Development
Minor in Computer Science

Max Boileau Kinney
Interactive Media and
Game Development

LilyAnne Lewis
*Interactive Media and
Game Development
Professional Writing*

Thomas Lourenco
*Interactive Media and
Game Development*

Connor Andrew Mattson
*Interactive Media and
Game Development*

Sienna Monique McDowell
*Interactive Media and
Game Development*

Jonas McGowan-Martin
*Interactive Media and
Game Development
Computer Science*

Matthew J. Micciolo
*Interactive Media and
Game Development
Minor in Electrical and
Computer Engineering*

Paul Whitin Orvis V
*Interactive Media and
Game Development
Computer Science*

Michel Sabbagh
*Interactive Media and
Game Development*

Isabella Mary Schiavone
*Interactive Media and
Game Development
Professional Writing*

Gareth Reid Solbeck
*Interactive Media and
Game Development
Computer Science*

Matthew Thompson
*Interactive Media and
Game Development*

Samuel Selig Wallach
*Interactive Media and
Game Development*
Awarded October 7, 2016

Dongjie Wang
*Interactive Media and
Game Development*

Jie Weng
*Interactive Media and
Game Development*

MATHEMATICAL SCIENCES DEPARTMENT

Gabrielle Marie Amarosa
*Actuarial Mathematics
Minor in Writing and Rhetoric*

Lauren Michelle Baker
*Mathematical Sciences
Computer Science*

Elizabeth Daley Beazley
Actuarial Mathematics

Zachary Thomas Belisle
Actuarial Mathematics
Awarded February 24, 2017

Abrin Angelus Berkemeyer
*Actuarial Mathematics
Minor in Business*
Awarded February 24, 2017

Timothy Joseph Berube
Mathematical Sciences

Erica D. Bowden
*Actuarial Mathematics
Minor in Music*
Awarded February 24, 2017

Marilda Bozdo
*Mathematical Sciences
Minor in Computer Science*

Blaine Roderick Bursey
Mathematical Sciences

Rose Tamara Carmichael
*Mathematical Sciences
Physics*

Katherine Ann Curran
Actuarial Mathematics

Thomas Matthew Walter Danko
*Actuarial Mathematics
Minor in Business*
Awarded February 24, 2017

Ian Andrew DeLisle
Actuarial Mathematics

Thomas deRito
*Mathematical Sciences
Minor in Computer Science*

Yani Lindbergh Dvorsky
Mathematical Sciences

Khasan Muratovich Dymov
*Mathematical Sciences
Minor in Business*

Shannon Colella Feeley
*Mathematical Sciences
Minor in Computer Science*

Sadie Grace Gauthier
*Mathematical Sciences
Minor in Computer Science*

Marcel Gietzmann-Sanders
Mathematical Sciences

Xinyang Guan
*Mathematical Sciences
Minor in Music
Minor in Data Science*

Elizabeth Anne Hansen
Actuarial Mathematics
Awarded February 24, 2017

Youwei Hu
*Mathematical Sciences
Computer Science*
Awarded October 7, 2016

Zitai Huang
Mathematical Sciences

Junjiang Le
*Mathematical Sciences
Physics*

Anton Ifeyimika Libsch
*Actuarial Mathematics
Minor in Business*

Joseph Moynihan
Actuarial Mathematics
Awarded February 24, 2017

Kayla Mulready
Actuarial Mathematics
Minor in Business
Awarded February 24, 2017

Amber Munderville
Actuarial Mathematics
Awarded February 24, 2017

Liam Michael Ogren
Mathematical Sciences
Physics

Zachary Michael Peters
Mathematical Sciences

Nicholas John Porter
Mathematical Sciences
Mechanical Engineering

Meghana Prakash
Actuarial Mathematics
Minor in Business

Manuel Alberto Reyes
Mathematical Sciences

Gina Marie Rios
Mathematical Sciences

Alberto Romo Herrera Ibarrola
Actuarial Mathematics
Minor in Business

Robert David Ronacher
Actuarial Mathematics
Minor in Data Science
Minor in Business

Weizhe Shen
Mathematical Sciences

Kevin Brian Specht
Mathematical Sciences
Computer Science

Michael Sullivan
Actuarial Mathematics
Minor in Business
Awarded February 24, 2017

Tyler Jacob Turchiarelli
Actuarial Mathematics
Awarded February 24, 2017

Robert Conrad Vigeant
Mathematical Sciences
Professional Writing
Minor in Bioinformatics and
Computational Biology

Emily Catherine Weber
Mathematical Sciences
Minor in Computer Science

Natalie Wellen
Mathematical Sciences
Minor in Bioinformatics and
Computational Biology

Taylor James York
Mathematical Sciences
Minor in Media Arts

Xinzhe Zhang
Mathematical Sciences
Minor in Computer Science

PHYSICS DEPARTMENT

William David Beatty
Physics

Wesley Kent Belleman
Physics

Muping Chen
Physics
Minor in Mathematics

Benjamin James Dringoli
Physics
Minor in Mathematics
Minor in Nanoscience

Norbert Hugger
Physics

Sergey Korkhov
Physics

Amanda Lynn Leahy
Physics

Alejandro Emmanuel Leiro
Physics
Awarded February 24, 2017

Stephen Olis
Applied Physics

Christopher Pierce
Physics

Brian Alexander Scholwin
Physics
Awarded October 7, 2016

Yuchen Wang
Physics
Minor in Mathematics

Rui Yu
Physics
Mathematical Sciences

SOCIAL SCIENCE AND POLICY STUDIES DEPARTMENT

Lindsay Hanna Braith
Psychological Science

Zachary Joseph Chapman
Economic Science

Sonya Maria Douglas
Interdisciplinary in Biopsychology
Minor in Music
Awarded February 24, 2017

Olivia Suzanne Shraibati
Interdisciplinary in Biopsychology

ENGINEERING

BIOMEDICAL ENGINEERING DEPARTMENT

Amanda Kauai Kanda Agdeppa
Biomedical Engineering

Franklin David Alvarez
Biomedical Engineering

Mushtaq Al Zuhairi
Biomedical Engineering
Mechanical Engineering

Norma Bachman
Biomedical Engineering
Mechanical Engineering

Daniela Barbery
Biomedical Engineering

Jack Alexander Blanchard
Biomedical Engineering
Minor in Chemistry

Mikayla Jane Bolduc
Biomedical Engineering

Collette Madeline Bora
Biomedical Engineering
Minor in Biology
Awarded October 7, 2016

Nicholas Joseph Brocato
Biomedical Engineering
Minor in Chemistry

Katie Elizabeth Brochu
Biomedical Engineering
Minor in Electrical and
Computer Engineering

Alexandra Mary Burr
Biomedical Engineering

Emily Anne Caron
Biomedical Engineering
Minor in Biology

Scott Lambert Cazier
Biomedical Engineering
Minor in Robotics Engineering
Minor in Global Public Health

Tori Hallisy Claverie
Biomedical Engineering

Rachel Marie Connolly
Biomedical Engineering
Mechanical Engineering

Benjamin James Cossette
Biomedical Engineering

Alexandra Ivone Czamara
Biomedical Engineering

Nicholas James Dalton
Biomedical Engineering

Brian Richard D'Amore
Biomedical Engineering

Peyton Lian Delgorio
Biomedical Engineering
Mechanical Engineering

Benjamin Hatcher Duncan
Biomedical Engineering

Sean Brian Fallon
Biomedical Engineering

Joseph Christopher Fancher
Biomedical Engineering
Mechanical Engineering

Janine Fatal
Biomedical Engineering

Emily Pearl Ferreira
Biomedical Engineering

Cobi Evan Lucas Finkelstein
Biomedical Engineering
Minor in Computer Science

Thomas M. Flannery
Biomedical Engineering

Taylor Frances Flaxington
Biomedical Engineering

Kristin Stefani Gallagher
Biomedical Engineering
Minor in Business

Rhiannon Siobhan Goddard
Biomedical Engineering

Jennifer Leigh Golden
Biomedical Engineering

Annabella Perolino Goncalves
Biomedical Engineering

Benjamin S. Grondin
Biomedical Engineering

Sydney Maria Gustafson
Biomedical Engineering

Ahmed Fawad Hakim
Biomedical Engineering

Lubna Ali Hassan
Biomedical Engineering

Benjamin Ernst Hassett
Biomedical Engineering

Michelle Kathleen Henderson
Biomedical Engineering
Minor in Biology

Charles Anthony Hill
Biomedical Engineering

Marianne Kanellias
Biomedical Engineering

Elie Karam
Biomedical Engineering

Nour Ali Krayem
Biomedical Engineering
Awarded February 24, 2017

Jocelyn Beverly Kurtze
Biomedical Engineering

Erin Elizabeth LaBounty
Biomedical Engineering
Minor in Electrical and
Computer Engineering

Melanie Lasso
Biomedical Engineering
Minor in Mechanical Engineering

James Lin
Biomedical Engineering

Taryn Elizabeth Loomis
Biomedical Engineering
Minor in Biology

Jacob Roy Maalouf
Biomedical Engineering

Alexander K. Marry
Biomedical Engineering

Sienna Jo Mayer
Biomedical Engineering
Mechanical Engineering

Javier A. Mazo Nido
Biomedical Engineering
Awarded February 24, 2017

Erin Marie McConnaghy
Biomedical Engineering

Zachary Alan McKinzie
Biomedical Engineering
Minor in Biology
Minor in Chemistry

Anne Gabrielle McLoughlin
Biomedical Engineering

Kyra Dylan McNamara
Biomedical Engineering

Nicholas David McNary
Biomedical Engineering
Minor in Electrical and
Computer Engineering

Gabriela Meza
Biomedical Engineering
Minor in Mechanical Engineering

Gregory Molica
Biomedical Engineering
Minor in Materials

Kyla Nicole Nichols
Biomedical Engineering
Mechanical Engineering

Alexander R. Noonan
Biomedical Engineering

Oluwajomiloju Ayobami Olaode
Biomedical Engineering
Minor in Chinese Studies

Rachel Misao Ooyama-Searls
Biomedical Engineering
Minor in Biology
Minor in Materials

Samantha Suzanne Orosz
Biomedical Engineering

Brittney Marie Pachucki
Biomedical Engineering

Allison Elizabeth Paquin
Biomedical Engineering
Mechanical Engineering

Benjamin James John Parent
Biomedical Engineering
Minor in Biology
Minor in Materials

Brianna Jean Parent
Biomedical Engineering
Minor in Electrical and
Computer Engineering

Tristan Oliver Petit
Biomedical Engineering

Nhi Van Phan
Biomedical Engineering

Andrew Charles Pic
Biomedical Engineering
Minor in Materials

William Clark Pope
Biomedical Engineering
Minor in Computer Science

Benjamin D. Pulver
Biomedical Engineering

Nicole Françoise Quintal
Biomedical Engineering
Minor in Materials

Dylan Renshaw
Biomedical Engineering
Mechanical Engineering

Emily Richardson
Biomedical Engineering
Minor in Materials
Minor in Electrical and
Computer Engineering

Kate M. Rielly
Biomedical Engineering

Briana Rodriguez
Biomedical Engineering

Sarah Barnes Rogers
Biomedical Engineering

Conrad Ruiz
Biomedical Engineering
Minor in Business

Stephany Ruiz
Biomedical Engineering

Nathan Frederick Rumpf
Biomedical Engineering

Lindsay Pearl Schneider
Biomedical Engineering

Nicolas Coelho Silva
Biomedical Engineering
Awarded February 24, 2017

Julia Michelle Smith
Biomedical Engineering
Minor in Mechanical Engineering

Nathan Aaron Stomberg
Biomedical Engineering

Heather Stratica
Biomedical Engineering

Connor James Tower
Biomedical Engineering
Minor in Mechanical Engineering

Elizabeth Margaretha van Zyl
Biomedical Engineering

Emily Jane Viloudaki
Biomedical Engineering

Tiffany Tran Vo
Biomedical Engineering
Minor in Electrical and
Computer Engineering,
Minor in Bioinformatics and
Computational Biology

Elizabeth C. Walfield
Biomedical Engineering
Minor in Materials

Mina Essam William
Biomedical Engineering

**CHEMICAL ENGINEERING
DEPARTMENT**

Abhinav Adhikari
Chemical Engineering

Audrey Joan Allen
*Chemical Engineering
with Environmental
Minor in Materials*

Alicia Kimberly Aquino
*Chemical Engineering
Minor in Nanoscience*

Brian Joseph Bach
Chemical Engineering

Connor Barrett
Chemical Engineering

Daniel Charles Bloemker
*Chemical Engineering
Minor in Business*

Garrett Matthew Brogan
*Chemical Engineering
Minor in Computer Science*

Cynthia Bukowski
*Chemical Engineering
Minor in Materials*

Zachary Thomas Burgess
Chemical Engineering

Julia K. Bushell
Chemical Engineering

Anthony Charles Campagna Jr.
Chemical Engineering

Marguerite Marie Carey
*Chemical Engineering
Minor in Materials*

Nathan Martin Caso
*Chemical Engineering
Minor in Music*

Lucas Walter Chico
*Chemical Engineering
Minor in Business*

Shanel Martina Chisholm
*Chemical Engineering
Minor in Business*

Elena Rose Conroy
Chemical Engineering

Shannon DaCosta
Chemical Engineering

Annemarie Nicole Daddis
Chemical Engineering

Ryanne Marie Dailey
*Chemical Engineering
Minor in Business*

Philip Jared Danaher
*Chemical Engineering
Minor in Materials*

Sean Robert Deans
Chemical Engineering

Tyler Nicholas DeFosse
*Chemical Engineering
Minor in Materials*

Ryan Patrick Dennis
*Chemical Engineering
Minor in Chemistry*

Sebastien William Deveau
Chemical Engineering

Cameron Kevin DiSpirito
*Chemical Engineering
Minor in Entrepreneurship*

Brandon Michael Eccher
Chemical Engineering

Simon Escapa
*Chemical Engineering with Energy
Minor in Mathematics
Awarded February 24, 2017*

Martin Joseph Fitzgerald VI
*Chemical Engineering
Humanities and Arts
Minor in Materials*

Maxwell Julian Foster
*Chemical Engineering
Minor in Materials*

Sierra Fowler
*Chemical Engineering
Minor in Materials*

Weiran Gao
Chemical Engineering

Alexander John Gikas
Chemical Engineering

Luke Francis Habib
*Chemical Engineering with Energy
Minor in International and
Global Studies*

Thomas Stephen Hanna
*Chemical Engineering
Minor in Materials*

Mariana Harley Cabada
Chemical Engineering

Shannon Cait Healey
*Chemical Engineering
Minor in Drama/Theatre*

Benjamin Heney
Chemical Engineering with Materials

Joseph O. Heng
Chemical Engineering

John Thomas Hobson
Chemical Engineering

Luke Alexander Jackson
Chemical Engineering

Gayatri Kasi
*Chemical Engineering
Minor in Bioinformatics and
Computational Biology
Minor in Spanish*

Anthony Kassas
*Chemical Engineering
Minor in Law and Technology*

Yoon Kyong Lee
Chemical Engineering

Michael Alexander Levy
Chemical Engineering

Ryan Lima
Chemical Engineering

Debora Brandt Lopes
Chemical Engineering

Jessica Jose Lord
Chemical Engineering

Allison Lynn Marx
Chemical Engineering
Minor in Materials

Jena Morgan Mazzucco
Chemical Engineering

Caroline Mary Medino
Chemical Engineering

Matthew Michaels
Chemical Engineering

Matthew J. Morais
Chemical Engineering
Minor in Nanoscience

Daniel Jonah Mortimer
Chemical Engineering

Jack Jay-Normand Murphy
Chemical Engineering

Sarah Muse
Chemical Engineering

Abbegail Hawkins Nack
Chemical Engineering with
Environmental Professional Writing

Jacquelyn Nassar
Chemical Engineering
Minor in Materials
Minor in Business

Clyde-Blaise Niba
Chemical Engineering

Logan Kent Dragonetti Nichols
Chemical Engineering
Minor in Materials

Tess Elisabeth Nogueira
Chemical Engineering with
Environmental

Jenna Adrienne O'Connell
Chemical Engineering
Minor in History

Omar G. Olortegui
Chemical Engineering

Nicole Marie Packard
Chemical Engineering
Minor in Materials

Christian Peguero
Chemical Engineering

Matthew Shaun Portugal
Chemical Engineering
Minor in Business
Minor in Entrepreneurship

Brian Edward Praetorius
Chemical Engineering

Anya Katerina Prevallet-Kinstle
Chemical Engineering

Jennifer Quigley
Chemical Engineering

Shaelyn Marie Quinn
Chemical Engineering

Kelly Rapoza
Chemical Engineering
Minor in Materials

Lynn Rebecca Renner
Chemical Engineering

Susan Marie Ross
Chemical Engineering

Alexandra Marie Rozen
Chemical Engineering

Hope Dakille Shevchuk
Chemical Engineering

Benjamin Harrison Small
Chemical Engineering
Minor in Biochemistry

Arianna Luz Smith
Chemical Engineering
Minor in Materials
Minor in Business

Brian Joseph Splaine
Chemical Engineering

Eric Christopher Stolz
Chemical Engineering
Minor in Business

Ellen Thomson
Chemical Engineering

John Hutcheon Tofuri
Chemical Engineering
Minor in Spanish

Isaac Henry Vrooman
Chemical Engineering
Awarded February 24, 2017

Shawn Devin Wile
Chemical Engineering
Minor in Music

Christopher John Xavier
Chemical Engineering
Minor in Business

Huilin Yang
Chemical Engineering

Edan Mandy Zhang
Chemical Engineering

Zhehao Zhu
Chemical Engineering
Chemistry

CIVIL AND ENVIRONMENTAL ENGINEERING DEPARTMENT

Cory Spencer Adams
Civil Engineering
Awarded February 24, 2017

Liliana Cristina Almonte
Civil Engineering

Rania Attalla
Civil Engineering
Awarded February 24, 2017

Cara Jean Bereznai
Environmental Engineering
Minor in Spanish

Alexander Bosworth
Civil Engineering

Michael Bowen
Environmental Engineering
Awarded October 7, 2016

Caitlin Sara Burner
Civil Engineering

Geneva Gomes Cabral
Civil Engineering

Sarah Danielle Campos
Civil Engineering

Ryan Cavanaugh
Civil Engineering

Elizabeth Marie Coffey
Civil Engineering

Naumilda Como
Architectural Engineering

John Robert Connors
Civil Engineering

Elizabeth Lauren Desjardins
Environmental Engineering
Minor in Business

Christopher Dobens
Civil Engineering
Awarded October 7, 2016

Christian James Duskocil
Civil Engineering
Minor in Business

Miguel Escuer
Civil Engineering

Ysabel Espinal
Architectural Engineering
Minor in Electrical and Computer Engineering

Sierra Nicole Fraioli
Environmental Engineering

Anna Christina Franciosa
Environmental Engineering

Patrick Christopher Gates
Civil Engineering

Kevin Gray
Environmental Engineering
Awarded February 24, 2017

Emma Teresa Healey
Civil Engineering

Meghan Claire Hickey
Architectural Engineering

Matthew Houghton
Civil Engineering with Environmental

Brendan Michael Johnson
Civil Engineering

Nikos Alexander Kalaitzidis
Environmental Engineering
International Studies
Minor in Spanish

Jacqueline Anne Kendrick-Tedesco
Environmental Engineering

Brendan Kling
Civil Engineering with Environmental

Amy Seymour Krayner
Environmental Engineering

Jackson Krupnick
Civil Engineering

Anjali Kuchibhatla
Civil Engineering

Carolina Elisa Leguizamón Báez
Civil Engineering

Tyler James Leighton
Civil Engineering

Kenuel Lopez Rivera
Civil Engineering

Yijie Lu
Architectural Engineering
Minor in Mathematics

Seth Michael MacDonald
Civil Engineering

Kimberly E. Marrion
Architectural Engineering

Dylan Stephen Martel
Civil Engineering

Nathan Patrick Meersman
Environmental Engineering

Caroline Downing Meyer
Civil Engineering

Kathryn Elizabeth Murphy
Environmental Engineering

Jibreel Mustafa
Civil Engineering

Ismael George Richard Nowick
Architectural Engineering

Sai Sett Paing
Civil Engineering
Minor in Business

Evan Scott Pereira
Environmental Engineering

Julia Helen Pershken
Civil Engineering
Minor in Architectural Engineering

Mary Elizabeth Prescott
Environmental Engineering
Minor in Chemical Engineering

Robyn Quartararo
Civil Engineering

Emily Ann Raskett
Civil Engineering

Brittany Kayla Rebello
Civil Engineering

Julia Grace Ring
Civil Engineering

Dylan Joseph Roche
Architectural Engineering

Nicholas Paul Santangelo
Environmental Engineering

Christopher Angelo Scangas
Civil Engineering
Awarded February 24, 2017

Anna Isabelle Schab
Civil Engineering

Bruno Barros Scherrer
Architectural Engineering

Julia Franciose Scott
Environmental Engineering
Minor in Music

Maitane Sesma
Civil Engineering

Ahsan Aadil Nizam Shaikh
Civil Engineering

Emanuela Sherifi
Civil Engineering

Leanne Marie Sickles
Architectural Engineering

Victoria Lynn Simpson
Civil Engineering

Talia Pearl Solomon
Environmental Engineering
Minor in Spanish

Serena Melissa Soltero
Civil Engineering
Minor in International
and Global Studies

Daniel R. Stomski
Civil Engineering

Alexis Marie Sturgis
Environmental Engineering

Ryan Joseph Sullivan
Civil Engineering

Abbey Leigh Teliska
Civil Engineering

Steven William Thulin
Civil Engineering

Cassandra Lynn Tomerlin
Architectural Engineering

Marc Charles Toomajian
Architectural Engineering

Meghan Elise Trahan
Environmental Engineering
Minor in Sustainability Engineering

Gisele Cristina Trivino
Environmental Engineering
Minor in Chemical Engineering

Michael John Vaitkunas
Civil Engineering
Minor in Business

Anna Isabella Valdez
Environmental Engineering

Tyler John Van Nostrand
Environmental Engineering

Adam Henry Weiss
Environmental Engineering

Kevin Andrew Van Wormer
Civil Engineering

Sonia Andrea Zarate
Civil Engineering

Christopher Joseph Zmuda
Civil Engineering

ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT

Johnathan Werber Adams
Electrical and Computer Engineering

Joseph Agresta
Electrical and Computer Engineering
Minor in International and
Global Studies

Narut Akadejdechapanich
Electrical and Computer Engineering
Minor in Computer Science
Awarded February 24, 2017

Qusai Ahmed Alhumoud
Electrical and Computer Engineering

Dylan Armand Baranik
Electrical and Computer Engineering
Minor in Computer Science

Matthew Philip Barreiro
Electrical and Computer Engineering
Minor in Music

Benjamin James Beauregard
Electrical and Computer Engineering
Minor in Computer Science

Daniel Bettigole
Electrical and Computer Engineering

Elizabeth A. Bliss
Electrical and Computer Engineering

Stephen Philip Blouin
Electrical and Computer Engineering

William Boyd
Electrical and Computer Engineering
Robotics Engineering

Devon Michael Bray
Electrical and Computer Engineering
Minor in English
Minor in Computer Science

Edward Burnham
Electrical and Computer Engineering

Jacqueline Paige Campbell
Electrical and Computer Engineering

Kyle James Cederberg
Electrical and Computer Engineering
Minor in Music

Eric Cheng
Electrical and Computer Engineering
Minor in Computer Science

Yejee Choi
Electrical and Computer Engineering

Nicholas Anthony Comei
Electrical and Computer Engineering

Christopher John Connor Jr.
Electrical and Computer Engineering
Minor in History

Alexander Thomas Corben
Electrical and Computer Engineering
Awarded February 24, 2017

Rebecca Dall'Orso
Electrical and Computer Engineering

John DeCusati
Electrical and Computer Engineering
Awarded February 24, 2017

Gabriela de Peralta
Electrical and Computer Engineering

Alexander Ronald Dymek
Electrical and Computer Engineering
Awarded October 7, 2016

Kevin Chenery Farr Jr.
Electrical and Computer Engineering
Awarded February 24, 2017

Erin Elizabeth Ferguson
Electrical and Computer Engineering

Calvin Leon Figuereo-Supraner
Electrical and Computer Engineering

Robert Howard Fleming
Electrical and Computer Engineering
Awarded October 7, 2016

Andrew Francis Flynn
Electrical and Computer Engineering

Bernardino Garay IV
Electrical and Computer Engineering

Amanda Marie Gatz
Electrical and Computer Engineering

Georges Luc Gauthier
Electrical and Computer Engineering

David John Goodrich
Electrical and Computer Engineering
Minor in Computer Science

Seth O. Gyebi
Electrical and Computer Engineering

Brian William Harvey
Electrical and Computer Engineering
Awarded October 7, 2016

Brian R. Hecker
Electrical and Computer Engineering
Minor in Computer Science

Anna Celeste Hernandez
Electrical and Computer Engineering
Robotics Engineering
Minor in Music

Jonathan Ho Wu
Electrical and Computer Engineering

Syed Ali Hussain
Electrical and Computer Engineering

Michael Julian Inserra
Electrical and Computer Engineering

Scott Wesley Iwanicki
Electrical and Computer Engineering
Minor in Computer Science

Georgios Karapanagos
Electrical and Computer Engineering
Minor in Computer Science

Adam Victor Karcs
Electrical and Computer Engineering
Awarded October 7, 2016

Andrew James Kelleher
Electrical and Computer Engineering

Monineath Khun
Electrical and Computer Engineering

Hyunsoo Kim
Electrical and Computer Engineering
Minor in Computer Science

Patrick Alphonse Lacroix
Electrical and Computer Engineering

David P. LaPlante
Electrical and Computer Engineering
Awarded October 7, 2016

Joshua Simon Ledee
Electrical and Computer Engineering

Max Hongming Li
Electrical and Computer Engineering
Minor in Computer Science

Yue Jerry Li
Electrical and Computer Engineering
Minor in Mathematics

Rosemary C. Lindsay
Electrical and Computer Engineering
Interactive Media and Game
Development

Klaudia Linek
Electrical and Computer Engineering

Samuel Joseph List
Electrical and Computer Engineering

Victoria Cristine Loehle
Electrical and Computer Engineering
Management Engineering

Patrick Luby Long
Electrical and Computer Engineering
Minor in Computer Science

Thinh Gia Ly
Electrical and Computer Engineering
Minor in Computer Science

Krishna Irvinti Jaya Mahalingam
Electrical and Computer Engineering
Minor in Music
Minor in Interactive Media
and Game Development

Sagar Mahurkar
Electrical and Computer Engineering
Minor in Computer Science

James Michael Maliff Jr.
Electrical and Computer Engineering

Ryan Patrick McQuaid
Electrical and Computer Engineering
Awarded October 7, 2016

Eric Philip Meier
Electrical and Computer Engineering

Javier Menchaca Gallegos
Electrical and Computer Engineering
Minor in Management Information
Systems

Stephen Dominic Michelini
Electrical and Computer Engineering

Jorgo Mihallari
Electrical and Computer Engineering
Minor in Biology

Nicole Mikolajczak
Electrical and Computer Engineering

Carlos Antonio Monterrosa Diaz
Electrical and Computer Engineering
Minor in Computer Science

Daniella Morico
Electrical and Computer Engineering

Glen Mould
Electrical and Computer Engineering

Steven Thomas Murdy
Electrical and Computer Engineering
Awarded October 7, 2016

Hung Quoc Ngo
Electrical and Computer Engineering

Raymond Heally Otieno
Electrical and Computer Engineering
Minor in Aerospace Engineering

Petro Papi
Electrical and Computer Engineering
Awarded February 24, 2017

Erik Paulson
Electrical and Computer Engineering

Liam Miller Perry
Electrical and Computer Engineering
Minor in Computer Science

Robert Michael Perry
Electrical and Computer Engineering

Kyle Drew Piette
Electrical and Computer Engineering
Awarded February 24, 2017

Vishal Kumar Rathi
Electrical and Computer Engineering
Minor in Computer Science

Anthony Henry Ratte
Electrical and Computer Engineering
Minor in Computer Science

Savannah Nicolle Redetzke
Electrical and Computer Engineering

Andrew William Reyburn
Electrical and Computer Engineering

Maria Ines Rios Martinez
Electrical and Computer Engineering

Jonas Rogers
Electrical and Computer Engineering
Minor in Computer Science
Awarded February 24, 2017

Corin Marshall Rypkema
Electrical and Computer Engineering

Roger Andrew Agana Santos
Electrical and Computer Engineering
Minor in Social Entrepreneurship
Minor in Computer Science

Raphael Sarkar
Electrical and Computer Engineering

Bryan Jacob Sellers
Electrical and Computer Engineering
Minor in Business

Sonam Sherpa
Electrical and Computer Engineering

Samuel Myer Shurberg
Electrical and Computer Engineering

Oliver Simon
Electrical and Computer Engineering
Minor in Computer Science

Ioannis Skourtis
Electrical and Computer Engineering

Steven Richard Souto
Electrical and Computer Engineering
Minor in Computer Science

Julia Jadwiga Szemiot
Electrical and Computer Engineering
Minor in Materials

Zilu Tian
Electrical and Computer Engineering
Mathematical Sciences

Anh Le Tran
Electrical and Computer Engineering

Thai Thanh Trinh
Electrical and Computer Engineering
Biomedical Engineering

Romuald Valme
Electrical and Computer Engineering
Awarded February 24, 2017

Andrew Vanner
Electrical and Computer Engineering

Giselle Lucia Verbera
Electrical and Computer Engineering
Minor in Environmental and
Sustainability Studies

Jamie Wang
Electrical and Computer Engineering
Awarded February 24, 2017

Sean Alexander Watson
Electrical and Computer Engineering

John Vincent Williams
Electrical and Computer Engineering
Mechanical Engineering

Htay Aung Win
Electrical and Computer Engineering

Mariya Mikhailovna Zagalskaya
Electrical and Computer Engineering
Awarded February 24, 2017

MECHANICAL ENGINEERING DEPARTMENT

Bryan John Adie
Aerospace Engineering

Corey Alicchio
Mechanical Engineering with
Mechanical Design

Joseph Alejandro Alvarado
Mechanical Engineering
Minor in Electrical and
Computer Engineering

Lindsey Andrews
Mechanical Engineering with
Biomechanical

Perry Joseph Ascani
Mechanical Engineering
Minor in Aerospace Engineering

Jon Joseba Barruetaña
Mechanical Engineering

Andrew James Bauer
Mechanical Engineering

Kaitlin Beach
Mechanical Engineering with
Biomechanical
Minor in Biology

Christopher Earle Beauchemin
Mechanical Engineering
Awarded February 24, 2017

Alex Beaudoin
Mechanical Engineering
Minor in Materials

Michael Albert Beinor
Mechanical Engineering with
Mechanical Design
Minor in Materials

Penelope Belliard-Urena
Mechanical Engineering

Zachary Belohoubek
Mechanical Engineering
Minor in Business

Megan Shannon Irene Belval
Mechanical Engineering
Minor in Electrical and
Computer Engineering
Minor in Environmental and
Sustainability Studies

Andrew Belz
Mechanical Engineering

Jacob James Billington
Mechanical Engineering

Charles Whitfield Bleakney IV
Mechanical Engineering

Shaun Joseph Bonefas
Mechanical Engineering with
Materials Science and Engineering

Evan Bosia
Mechanical Engineering
Robotics Engineering

Christina Joyce Bottom
Mechanical Engineering
Awarded October 7, 2016

Robert Boulanger
Mechanical Engineering
Minor in Drama/Theatre

Brandon Johann Bozeat
Mechanical Engineering
Minor in Robotics Engineering

Erin Rose Bracken
Mechanical Engineering

Daniel Joseph Braconnier
Mechanical Engineering
Minor in Materials

Casey Joseph Broslawski
Mechanical Engineering
Minor in English
Minor in Aerospace Engineering

Alex Joseph Brown
Aerospace Engineering

Frederick Harmon Burgwardt
Mechanical Engineering with
Mechanical Design

Nicholas Gary Burnell
Mechanical Engineering
Awarded October 7, 2016

Gyneth Campbell
Mechanical Engineering
International and Global Studies
Minor in Materials

Delaney Celeste Cassidy
Mechanical Engineering with
Biomechanical

Ruizhe Chen
Mechanical Engineering

Samantha Clay Chernin
Aerospace Engineering

Yi-Min Chu
Mechanical Engineering
Awarded February 24, 2017

Alexander Church
Mechanical Engineering
Awarded February 24, 2017

Giuseppe Ciliotta Bezada
Mechanical Engineering

Michael Robert Clark
Mechanical Engineering with
Mechanical Design
Minor in Business

Kieran Lawrence Cochrane
Aerospace Engineering

Isaac Coelho
Mechanical Engineering

Richard J. Coffin
Mechanical Engineering with
Materials Science and Engineering
Minor in Chemistry

Ian Franklin Converse
Mechanical Engineering

Michael Cournoyer
Mechanical Engineering

Carlie Rose Crawford
Aerospace Engineering
Awarded February 24, 2017

Antoine Jawan Crews
Mechanical Engineering with
Mechanical Design

Cameron Crook
Mechanical Engineering
Robotics Engineering
Minor in Materials

Emily Ann Curci
Aerospace Engineering

Garrett Morse Curran
Mechanical Engineering

Cameron Thomas Wang Currie
Mechanical Engineering
Biomedical Engineering

Paul Frederick Danielson
Mechanical Engineering with
Mechanical Design

Scott Davison
Mechanical Engineering

Miguel Goulart de Almeida
Aerospace Engineering
Minor in Computer Science

Frank John DeGiacomo
Mechanical Engineering
Minor in Entrepreneurship
Minor in Media Arts

Veronica May Delaney
Mechanical Engineering

Paul Anthony DePlacido
Mechanical Engineering

Drew D. DeRubeis
Mechanical Engineering
Minor in Law and Technology

Anthony Stephen DiBiasio
Mechanical Engineering

Natalie Lynne Diltz
Mechanical Engineering
Minor in Electrical and
Computer Engineering
Minor in Music

Michael Salvatore DiMilia
Aerospace Engineering
Minor in Computer Science

Jessica Susan DiPersio
Mechanical Engineering

Jamie Marie Donahue
*Aerospace Engineering
Minor in Electrical and
Computer Engineering*

Cameron Downey
Mechanical Engineering

Alexander Paul Draper
Mechanical Engineering

Devin Joshua Duarte
*Mechanical Engineering with
Thermal-Fluid Engineering*

Michael M. Duclos Jr.
Mechanical Engineering

Andrew Parker Dunne
*Mechanical Engineering
Minor in Business*

Zachary Ryan Edelman
Aerospace Engineering

Zoe Olivia Eggleston
Mechanical Engineering

Zachary M. Ericson
*Mechanical Engineering
Minor in Business*

Bianca Nathalie Espinoza
Mechanical Engineering

Matt Farrell
Mechanical Engineering

Eric Daniel Fast
Aerospace Engineering

Jessica L. Faust
Mechanical Engineering
Awarded October 7, 2016

Keirstan Marie Field
Mechanical Engineering

Alexander Elliott Fitzgerald
Mechanical Engineering

Kyle Peter Fitzgerald
*Mechanical Engineering with
Mechanical Design*

Brianna Rosalee Fogal
Mechanical Engineering

Jonathan Samuel Friedman
*Mechanical Engineering
Minor in Computer Science*

Joshua Francis Fuller
*Mechanical Engineering with
Thermal-Fluid Engineering
Minor in Aerospace Engineering*
Awarded October 7, 2016

Huda O. Gad Imam
*Mechanical Engineering
Minor in Environmental and
Sustainability Studies*

Michael Anthony Gagliano
*Aerospace Engineering
Minor in Drama/Theatre*

Julie Anne Gagnon
*Mechanical Engineering
Minor in Manufacturing Engineering*

Lucy Ladera Garvey
*Mechanical Engineering with
Biomechanical*

Adam James Gatehouse
*Mechanical Engineering
Minor in Materials*

Theofilos Gatsos
*Mechanical Engineering with
Engineering Mechanics*

Roger Marc Gelin
Mechanical Engineering
Awarded October 7, 2016

Keaton Reynold William Goddard
Mechanical Engineering

Tyler Robert Golemo
*Mechanical Engineering
Minor in Spanish*

William Whidden Gorman
Mechanical Engineering

Nicholas Green
Aerospace Engineering

Jonathan Charles Griffin
*Aerospace Engineering
Minor in Electrical and
Computer Engineering*

Caitlin M. Grow
Mechanical Engineering

Matthew Ryan Haley
Mechanical Engineering

Junxiu Han
Mechanical Engineering

Mengxi Han
Mechanical Engineering
Awarded February 24, 2017

Stephen Michael Harnais
Aerospace Engineering

Cameron Alfred Hastings
Mechanical Engineering

Sean Allen Hathaway
Mechanical Engineering

Yulun He
*Mechanical Engineering
Physics*

Emma Healey
Mechanical Engineering

Austin Joshua Higgins
Aerospace Engineering

Thomas John Hlavenka
Aerospace Engineering

Adam Joseph Huber
*Mechanical Engineering with
Mechanical Design*

Joseph Donald Igoe
Mechanical Engineering

Abdulrahman Jilani
*Mechanical Engineering with
Manufacturing*
Awarded February 24, 2017

Emmit J. Joyal
Mechanical Engineering

Hallie D. Kenyon
*Mechanical Engineering
Minor in Sustainability Engineering*

Mikhail Khibkin
*Mechanical Engineering
Minor in Materials*

Frank James Kinzie IV
Mechanical Engineering
Awarded February 24, 2017

Kimberlee Nicole Kocienski
Mechanical Engineering
Minor in Manufacturing Engineering

Alexander Gabriel Korza
Aerospace Engineering
Minor in Materials

Connor Lewis Kurtz
Mechanical Engineering

Brittany Marie Kyer
Mechanical Engineering with
Materials Science and Engineering

Robert Kevin LaFlamme
Mechanical Engineering
Minor in Business

Korapat Lamsam
Mechanical Engineering
Awarded October 7, 2016

Francis Joseph LaRovere IV
Mechanical Engineering with
Materials Science and Engineering

Steven Charles Laudage
Aerospace Engineering

Anthony Joseph Lawinger
Mechanical Engineering
Minor in Materials

Matthew David Lepine
Mechanical Engineering with
Mechanical Design

Victor Levorse
Aerospace Engineering

Yunda Li
Mechanical Engineering

Yutong Li
Aerospace Engineering

Ian Andrew Limon
Aerospace Engineering
Awarded February 24, 2017

Johnly Lin
Mechanical Engineering
Minor in Electrical and
Computer Engineering

Kevin Neil Lynch
Mechanical Engineering

Kristin Janet Markuson
Mechanical Engineering
Minor in Materials

Christopher Robert Mastrangelo
Aerospace Engineering

Kevin Joseph Maynard
Mechanical Engineering

Mila Monique Maynard
Mechanical Engineering
Minor in Spanish

David John McDonald III
Mechanical Engineering with
Biomechanical

Shawna Lee McGaffigan
Mechanical Engineering

Connor James McGrath
Mechanical Engineering with
Mechanical Design

Connor McGuirk
Mechanical Engineering

Michael McMahon
Mechanical Engineering
Minor in Spanish

Peter Donald Melander
Aerospace Engineering
Physics

Kelsey Messina
Mechanical Engineering
Awarded February 24, 2017

Anushrot Mohanty
Aerospace Engineering

Christian Robert Morneau
Mechanical Engineering
Minor in Business
Minor in History

Daniel John Mortarelli
Mechanical Engineering
Minor in Materials

John Patrick Mulready
Mechanical Engineering

Obadiah Njoroge Munene
Aerospace Engineering
Awarded February 24, 2017

Matthew Francis Murphy
Aerospace Engineering

Steven Michael Murphy
Mechanical Engineering with
Mechanical Design
Minor in Robotics Engineering

Montana Paige Myatt
Mechanical Engineering
Minor in International and
Global Studies
Minor in Music

Matthew William Nicholson
Mechanical Engineering
Minor in Business

Ashley Rae Nistler
Mechanical Engineering with
Mechanical Design

Doon Nordemann
Mechanical Engineering
Minor in Robotics Engineering

Edson Novinyo
Aerospace Engineering
Minor in Electrical and Computer
Engineering

Jacqueline Elizabeth O'Connor
Mechanical Engineering

Peter Ofsthun
Mechanical Engineering

James Kevin O'Hara Jr.
Aerospace Engineering

Tiago Augusto Olijnik
Mechanical Engineering
Awarded October 7, 2016

Lily Marie Ouellette
*Mechanical Engineering with
Thermal-Fluid Engineering*

Christopher Robert Parisi
*Mechanical Engineering
Minor in Materials*

Winton James Parker
*Mechanical Engineering with
Mechanical Design*

Edward Peglow
*Mechanical Engineering
Minor in Materials*

Daniel James Pelgrift
Aerospace Engineering

Jarrold Peloquin
*Mechanical Engineering with
Mechanical Design*

Mladen Pepic
Aerospace Engineering

Aaron John Pepin
*Mechanical Engineering with
Mechanical Design*

Brian Grant Peterson
*Mechanical Engineering
Minor in Robotics Engineering
Minor in Manufacturing Engineering*

Nathan George Peterson
*Mechanical Engineering
Minor in Business*

Daniel Stephen Pfaff
*Mechanical Engineering
Minor in Electrical and
Computer Engineering*

Evan J. Pilaar
Mechanical Engineering

Jake Porrazzo
Mechanical Engineering

Derek James Porter
Aerospace Engineering

Joseph Karl Presing
*Mechanical Engineering with
Mechanical Design
Minor in Computer Science*

Matthew Puksta
Mechanical Engineering

Sarah Frances Putnam
*Mechanical Engineering
Minor in Spanish
Minor in Manufacturing Engineering*

David Sean Quinn
Mechanical Engineering

Andrew Mark Rathbun
*Aerospace Engineering
Minor in Electrical and
Computer Engineering*

Kelsey Anna Regan
*Mechanical Engineering with
Mechanical Design
Minor in Business*

Sean Joseph Regan
*Mechanical Engineering with
Biomechanical*

Edmund Christopher Resor
*Mechanical Engineering
Minor in Manufacturing Engineering
Awarded February 24, 2017*

Jonathan Marcel Rheume
*Mechanical Engineering with
Biomechanical
Minor in Business*

Rodrigo Jose Rivas
*Mechanical Engineering with
Mechanical Design*

Thomas Roberti
Mechanical Engineering

Keith Parrott Rockwood
Aerospace Engineering

Kimberly Rae Rosa
Mechanical Engineering

Jonathan Ross
Mechanical Engineering

Daniel A. Ruiz-Cadalso Rampolla
*Mechanical Engineering with
Mechanical Design*

Christopher Ryan
Mechanical Engineering

Joseph Sabatino
Mechanical Engineering

Isabella Sanchez
*Mechanical Engineering
Awarded February 24, 2017*

Jorge E. Santana
*Mechanical Engineering with
Mechanical Design*

Hannah Elizabeth Sattler
*Mechanical Engineering with
Biomechanical*

Constantine Basil Scaperdas
*Mechanical Engineering
Minor in Aerospace Engineering*

Weston Tyler Schlack
Aerospace Engineering

Austin David Scott
*Mechanical Engineering
Minor in Computer Science*

Heather Lynn Selmer
Mechanical Engineering

Yifan Shao
Mechanical Engineering

Tara Jean Sharp
*Mechanical Engineering with
Materials Science and Engineering*

Michael Ernest Sheahan
Mechanical Engineering

Sabbrin Shweiki
Mechanical Engineering

Muhammad Suhail Siddiq
Mechanical Engineering

Samuel Sierra
Aerospace Engineering

Travis Simoneau
*Mechanical Engineering with
Thermal-Fluid Engineering*

Daniel Tompkins Singer
Mechanical Engineering

Kelley Marie Slabinski
Aerospace Engineering
Minor in Astrophysics

Austin Smith
Mechanical Engineering

Ryan A. Smolenski
Mechanical Engineering

Scott Joseph Spear
Mechanical Engineering

Zuhir Sras
Mechanical Engineering

Alexa Jacquelyn Stevens
Mechanical Engineering

Christian E. Strobel
Mechanical Engineering with
Mechanical Design

Jonathan Clyde Stump
Mechanical Engineering

Daniel Alexander Sturman
Mechanical Engineering
Minor in Robotics Engineering

Zachary Royal Styer
Mechanical Engineering
Minor in Manufacturing Engineering

Brendan Andrew Sullivan
Aerospace Engineering

Yao Sun
Mechanical Engineering

Karl T. Sundberg
Mechanical Engineering

Kenneth Swanson
Mechanical Engineering

Neneh Galen Switalla
Mechanical Engineering
Minor in Aerospace Engineering

Tyler Elizabeth Tao
Mechanical Engineering

Aryelle Jaclyne Teixeira
Mechanical Engineering with
Biomechanical
Minor in Spanish

Zachary Mark Temple
Mechanical Engineering
Awarded February 24, 2017

Paige Ann Tencati
Mechanical Engineering
Minor in Psychology

Elizabeth Joy Thompson
Mechanical Engineering
Humanities and Arts

Thiago Renato Motta Tose
Mechanical Engineering

Keegan Howard Train
Mechanical Engineering with
Mechanical Design

Jonathan Morgan Van Blarcum
Mechanical Engineering
Minor in Computer Science

Tiana Vasquez
Mechanical Engineering

Maggie Velloso
Mechanical Engineering

Aaron Vien
Aerospace Engineering

Jonathan Edward Jack Viens Jr.
Mechanical Engineering

Justin Scott Vitiello
Mechanical Engineering

Ann Marie Votta
Mechanical Engineering

Zhijie Wang
Mechanical Engineering

Ellyn Marjorie Webber
Mechanical Engineering with
Mechanical Design

Jessica Rae Wedell
Mechanical Engineering with
Thermal-Fluid Engineering
Minor in History
Minor in Aerospace Engineering

Madelyn Diana Werth
Mechanical Engineering

Eric Yit Lin Williams
Mechanical Engineering

Zachary Raymond Wingerter
Aerospace Engineering

Michael Andrew Whitfield Wray
Mechanical Engineering

Samuel Adam Young
Aerospace Engineering

Emily Mengyue Yu
Mechanical Engineering with
Mechanical Design
Minor in Robotics Engineering

Hanqing Zhao
Mechanical Engineering

Yingzhe Zhao
Mechanical Engineering
Minor in German

ROBOTICS ENGINEERING PROGRAM

Georgios Ardamerinos
Robotics Engineering

Alexandra Leigh Bittle
Robotics Engineering
Computer Science

Christopher Peter Bove
Robotics Engineering
Awarded February 24, 2017

Domenic Bozzuto
Robotics Engineering
Computer Science

Brendan Devon Casey
Robotics Engineering
Minor in Computer Science

Michael Deqiang Chan
Robotics Engineering

Tyler Charles Chaulk
Robotics Engineering
Minor in Manufacturing Engineering

Dasan Emil Costandi
Robotics Engineering
Minor in Electrical and
Computer Engineering

Nicholas Charles Cyganski
Robotics Engineering
Minor in Entrepreneurship

Odell Dotson
Robotics Engineering

Joseph R. Fainer II
Robotics Engineering
Minor in Mechanical Engineering

Thomas W. Farro
Robotics Engineering
Minor in Interactive Media and
Game Development

Connor Flanigan
Robotics Engineering
Awarded October 7, 2016

Brian Matthew Flynn
Robotics Engineering
Awarded October 7, 2016

Michelle Gagnon
Robotics Engineering
Awarded October 7, 2016

Katie Gandomi-Bernal
Robotics Engineering
Computer Science
Minor in Electrical and
Computer Engineering

Nicholas Patrick Gigliotti
Robotics Engineering
Minor in Mechanical Engineering

Ari Benjamin Goodman
Robotics Engineering
Minor in Computer Science

Joshua Philip Graff
Robotics Engineering
Minor in Computer Science

Jacob Ryan Hackett
Robotics Engineering
Computer Science

Breanne Happell
Robotics Engineering
Computer Science
Minor in Electrical and
Computer Engineering

Tucker Caelan Ellis Haydon
Robotics Engineering
Computer Science
Minor in German
Minor in Physics

Alora Nichole Hillman
Robotics Engineering
Mechanical Engineering
Minor in Computer Science

James Lawrence Honicker
Robotics Engineering
Minor in Electrical and
Computer Engineering
Minor in Computer Science

Zachary James Hood
Robotics Engineering
Minor in Management Information
Systems

Rene Cochran Jacques
Robotics Engineering

Aaron Jaeger
Robotics Engineering

Nathaniel Jefferson
Robotics Engineering
Computer Science

Samuel Khalandovsky
Robotics Engineering
Minor in Computer Science

Casey Robert Kracinovich
Robotics Engineering
Minor in Mechanical Engineering

Brandon Lee Lam
Robotics Engineering
Mechanical Engineering

Mead T. Landis
Robotics Engineering
Mechanical Engineering

Tapanont David Laovoravit
Robotics Engineering
Minor in Computer Science

Erin Marie Leger
Robotics Engineering

Arthur Jebediah Wilder Lockman
Robotics Engineering
Computer Science

John Averaldo Lomi
Robotics Engineering

William Manning
Robotics Engineering
Awarded October 7, 2016

Alonso Martinez
Robotics Engineering
Computer Science

Michael Stewart McConnell
Robotics Engineering
Minor in Computer Science

Alexander Preston O'Brien
Robotics Engineering
Minor in Computer Science

Gabrielle Rose O'Dell
Robotics Engineering
Minor in Mechanical Engineering
Minor in Manufacturing Engineering

Karen Christine Orton
Robotics Engineering
Mechanical Engineering
Minor in Spanish

Kevin James Ouellette
Robotics Engineering
Minor in Computer Science

Nicholas Joseph Panzarino
Robotics Engineering
Minor in Computer Science

Lumbini Neha Parnas
Robotics Engineering

Michael C. Pickett
Robotics Engineering
Mechanical Engineering

Daniel Joseph Pongratz
Robotics Engineering

Lauren Nicole Pontbriant
Robotics Engineering

Gregory Michael Port
Robotics Engineering
Minor in Interactive Media and
Game Development
Minor in Music

Ethan Benjamin Prihar
Robotics Engineering
Minor in Music
 Awarded February 24, 2017

Rachael May Putnam
Robotics Engineering
Mechanical Engineering
Minor in Computer Science

Peter H. Raspe
Robotics Engineering
Minor in Computer Science

Trevor A. Rocks
Robotics Engineering

Alexander Norman Ruggiero
Robotics Engineering
Minor in Manufacturing Engineering

Francisco Montserrat Sanchez
 Chavarria III
Robotics Engineering

Dean Schifilliti
Robotics Engineering

Charles Sinkler
Robotics Engineering
Electrical and Computer Engineering

Yesugey Batu Sipka
Robotics Engineering
Electrical and Computer Engineering

Chase Logan St. Laurent
Robotics Engineering
Mechanical Engineering

Callum Rory Taylor
Robotics Engineering
Minor in International and
Global Studies

Logan Tutt
Robotics Engineering
Mechanical Engineering

Yigit Uyan
Robotics Engineering
Minor in Computer Science
Minor in Electrical and
Computer Engineering
Minor in Interactive Media and
Game Development

Ryan Wall
Robotics Engineering

Jacob William Wennersten
Robotics Engineering
Minor in Computer Science

Ryan Michael Wiesenbergl
Robotics Engineering
Aerospace Engineering

Yu-sen Wu
Robotics Engineering
Mechanical Engineering
Minor in Computer Science

Kyle Young
Robotics Engineering
Computer Science

Dabai Zhang
Robotics Engineering
 Awarded February 24, 2017

Shao Zhou
Robotics Engineering
Minor in Mathematics

FOISIE BUSINESS SCHOOL

Nicolas Divoll Adami-Sampson
Management Information Systems
Minor in Computer Science

Mohamad Ahmad Alblaihess
Industrial Engineering
Minor in Business
Awarded October 7, 2016

Emily Margaret Aldrich
Industrial Engineering
Minor in Manufacturing Engineering
Minor in Drama/Theatre

Jacob Tyler Arnold
Management Engineering with
Operations Management
Awarded October 7, 2016

Elizabeth Anne Bernier
Industrial Engineering
Minor in German

Jane Marie Bingel
Management Engineering with
Operations Management

Allison Kirkpatrick Buckley
Management Engineering with
Operations Management
Minor in Entrepreneurship

Andrew David Burgoyne
Management

Travis John Clark
Management Engineering with
Civil Engineering

Hayden James Collins
Management Engineering with
Mechanical Engineering
Awarded October 7, 2016

Zulean Cruz-Diaz
Management Engineering with
Operations Management
Minor in Environmental and
Sustainability Studies
Minor in International and
Global Studies

Chad Daniel DellaPorta
Management Engineering with
Operations Management

Mark DeVries
Industrial Engineering

Sean William Doncaster
Management Engineering with
Operations Management

Kyle Jordan Hudgins
Management Information Systems
Minor in Computer Science

Patricio Janson
Management Engineering with
Operations Management
Awarded February 24, 2017

Nicholaus David Jasinski
Management Engineering with
Operations Management
Economic Science
Minor in Entrepreneurship

Lin Jiang
Industrial Engineering
Mathematical Sciences
Minor in Computer Science

Elizabeth Koestler Karpinski
Industrial Engineering
Minor in Data Science
Minor in Writing and Rhetoric

Hussain Muhammad Abdullah Bin
Riaz Khan
Industrial Engineering

Tyler Kilkenny
Industrial Engineering

Ryan J. Leaf
Management Information Systems

Maria Luckette
Industrial Engineering

Zahr A. Lyttle
Management Information Systems

Casey Marie Magrath
Management Engineering with
Chemistry

Brandon Malofsky
Management Engineering with
Operations Management

Tim Pascal Marschall
Management Information Systems
Minor in Interactive Media and
Game Development

Emily Jeanette Martin
Industrial Engineering
Minor in Business

John Christopher Mastroianni
Industrial Engineering
Minor in Business
Awarded February 24, 2017

Mark Stewart Meyers
Industrial Engineering

Marcus Middleton
Management Engineering with
Operations Management
Minor in Entrepreneurship

Morgan N. Mitchell
Management Engineering with
Mechanical Engineering

Lucas James Muntz
Management Engineering with
Biomedical Engineering

Brian Kerry Murtagh
Management Engineering with
Operations Management

Hannah Eliza Navarro
Management Engineering with
Civil Engineering

Jacqueline Nancy Ngo
Business
Economic Science

Serra Beysun Onder
Industrial Engineering
Management Information Systems

Aristotelis Papadopoulos
*Management Engineering with
Operations Management*

Nicholas A. Pataky
Management Information Systems

Alyssa Ann Perry
*Management Engineering with
Civil Engineering*

John Wark Perry
*Industrial Engineering
Minor in Management Information
Systems*

Carolina Elizabeth Ramos
*Business
International and Global Studies*

Stephen James Reilly
*Industrial Engineering
Minor in Business*

Molly Maybel Rockwood
*Industrial Engineering
Minor in Business*

Juan Camilo Rodriguez Hincapie
Management Information Systems

John Chadwick Ross
Management Information Systems

Pabitra M. Saikee
Industrial Engineering

Marissa Elizabeth San Andres
Industrial Engineering

Nicholas Peter Shannon
*Management Information Systems
Minor in Computer Science
Minor in Drama/Theatre*

Gretchen Ann Siewert
*Industrial Engineering
Minor in German
Minor in Management Information
Systems*

Leif Erik Skramstad
Management
Awarded February 24, 2017

Veronica Isabel Soto-Belloso
*Industrial Engineering
International and Global Studies*

Jose Antonio Spiegel
Industrial Engineering

Ashley Linda Stanley
*Business
Minor in Economics*

Rong Tang
*Industrial Engineering
Management Information Systems
Minor in Computer Science*

Sarah Terwilliger
*Management Engineering with
Mechanical Engineering*
Awarded February 24, 2017

Matthew Christopher Upham
Industrial Engineering
Awarded February 24, 2017

Ashley Renee Valdez
*Industrial Engineering
Minor in Business*

Luis Eduardo Vargas
*Industrial Engineering
Minor in Business*

Andres Vega D'Achiardi
*Industrial Engineering
Minor in Business*

Drew Cronin Wethern
Management Information Systems

Justice Williams
*Industrial Engineering
Minor in Business
Minor in International and
Global Studies*

Yuanhao Wu
Industrial Engineering

Yi Yang
Industrial Engineering
Awarded February 24, 2017

Mona Yuan
*Industrial Engineering
Minor in Economics*

Ziyu Zhou
Management Information Systems

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.

— THE FOLLOWING DEGREES WERE AWARDED ON THURSDAY, MAY 11, 2017 —

DEGREE OF
DOCTOR OF PHILOSOPHY
ARTS AND SCIENCES

Melissa Walsh Mobley

BA, BS, University of Rhode Island

BIOLOGY AND BIOTECHNOLOGY—

“Examining the Potential Threat of Pesticide and Pathogen Exposure on Wild Bumble Bees: Proposed Lethal and Sublethal Mechanisms Contributing to Pollinator Decline”

Advisor: Robert Gegear

Awarded: February 24, 2017

Rodica Neamtu

MS, University of Craiova, Romania

COMPUTER SCIENCE—

“Interactive Exploration of Time Series Powered by Time Warped Distances”

Advisors: Gabor Sarkozy and Elke Rundensteiner

Mahni Shayganfar

BS, MS, Azad University, Iran

COMPUTER SCIENCE—

“Affective Motivational Collaboration Theory”

Advisor: Charles Rich

Awarded: February 24, 2017

Curtis Robin Taylor

BS, University of Tennessee;

MS, Worcester Polytechnic Institute

COMPUTER SCIENCE—

“Software-defined Networking: Improving Security for Enterprise and Home Networks”

Advisor: Craig Shue

Hao Wan

BS, Huazhong University of Science and Technology, China;

MS, Beihang University, China

COMPUTER SCIENCE—

“Tutoring Students with Adaptive Strategies”

Advisor: Joseph Beck

Awarded: February 24, 2017

Dongqing Xiao

MS, Harbin Institute of Technology, China

COMPUTER SCIENCE—

“Towards Graph Analytic and Privacy Protection”

Advisor: Mohamed Eltabakh

Xiaolu Xiong

BS, Beijing University of Chemical Technology, China;

MA, Brandeis University

COMPUTER SCIENCE—

“Theory and Practice: Improving Retention Performance through Student Modeling and System Building”

Advisor: Joseph Beck

Yiqing Li

MS, Worcester Polytechnic Institute

MATHEMATICAL SCIENCES—

“Quasi-static Fracture Evolution with Cohesive Energy”

Advisor: Christopher Larsen

Awarded: October 7, 2016

Binod Manandhar

MS, University of North Florida;

MS, Utah State University

MATHEMATICAL SCIENCES—

“Bayesian Models for the Analyses of Noisy Responses from Small Areas: An Application to Poverty Estimation”

Advisor: Balgobin Nandram

William Charles Sanguinet

BS, MS, Worcester Polytechnic Institute

MATHEMATICAL SCIENCES—

“Various Extensions in the Theory of Dynamic Materials with a Specific Focus on the Checkerboard Geometry”

Advisor: Konstantin Lurie

Liang Wang

BS, MS, Beijing Normal University, China

MATHEMATICAL SCIENCES—

“In Vivo IVUS-based 3D Fluid-structure Interaction Models for Human Coronary Atherosclerotic Plaque Vulnerability Assessment and Progression Prediction”

Advisor: Dalin Tang

Heng Zuo

BS, MS, Beijing Normal University, China

MATHEMATICAL SCIENCES—

“3D Multi-Physics MRI-Based Human Right Ventricle Models for Patients with Repaired Tetralogy of Fallot: Cardiac Mechanical Analysis and Surgical Outcome Prediction”

Advisor: Dalin Tang

Goker Arpag
BS, Istanbul Technical University, Turkey
 PHYSICS—
 “Theoretical and Computational Investigations into
 Cooperative Cellular Transport by Motor Proteins”
Advisor: Erkan Tuzel
 Awarded: October 7, 2016

Saeed Pourmasoumi Langarudi
BS, Azad University of Najafabad, Iran;
MS, Isfahan University of Technology, Iran
 INTERDISCIPLINARY IN SYSTEM DYNAMICS AND ECONOMICS—
 “A System Dynamics Approach to the Political Economy
 of Resource-dependent Nations”
Advisor: Michael Radzicki
 Awarded: February 24, 2017

Raafat Mahmoud Zaini
BS, King Fahd University of Petroleum and Minerals,
Saudi Arabia;
MS, Purdue University
 INTERDISCIPLINARY IN SYSTEM DYNAMICS AND
 ORGANIZATIONAL BEHAVIOR—
 “Modeling Manifest and Latent Structures in a University:
 Understanding Resources and Dissent Dynamics”
Advisor: Khalid Saeed
 Awarded: February 24, 2017

ENGINEERING

Jason Matthew Forte
BS, ME, Worcester Polytechnic Institute
 BIOMEDICAL ENGINEERING—
 “Development of a Biomimetic In Vitro Skeletal
 Muscle Tissue Model”
Advisor: Raymond Page

Fan Zhang
BS, MS, Jilin University, China
 BIOMEDICAL ENGINEERING—
 “Statistical Methods for Characterizing Genomic
 Heterogeneity in Mixed Samples”
Advisor: Patrick Flaherty
 Awarded: February 24, 2017

Nicholas D. Deveau
BS, University of New Hampshire;
MS, Worcester Polytechnic Institute
 CHEMICAL ENGINEERING—
 “Microkinetics of Hydrogen Permeation through
 Dense Solid and Liquid Metal Membranes”
Advisor: Ravindra Datta
 Awarded: February 24, 2017

Drew Joseph Martino
BS, Rensselaer Polytechnic Institute
 CHEMICAL ENGINEERING—
 “Evaluation of Electrochemical Storage Systems for
 Higher Efficiency and Energy Density”
Advisor: Ravindra Datta
 Awarded: February 24, 2017

Jason Michael Morgan
BS, MS, University of New Hampshire
 CHEMICAL ENGINEERING—
 “Towards an Understanding of the Gas Diffusion
 Layer in Polymer Electrolyte Membrane Fuel Cells”
Advisor: Ravindra Datta
 Awarded: February 24, 2017

Patrick Daniel O’Malley
BS, Worcester Polytechnic Institute
 CHEMICAL ENGINEERING—
 “Development and Application of Reaction Route
 Graph Representation and Analysis of Catalytic
 Reaction Networks”
Advisor: Ravindra Datta
 Awarded: February 24, 2017

Jake Edmond Hughes
BE, The Cooper Union
 CIVIL ENGINEERING—
 “A Novel 2-Step Control Approach for Damage
 Mitigation After Bridge Collision Events”
Advisor: Leonard Albano

Hajar Jafferji
BS, MS, Worcester Polytechnic Institute
 CIVIL ENGINEERING—
 “Incorporating Cinnamaldehyde into Concrete for
 Corrosion Mitigation”
Advisor: Aaron Sakulich
 Awarded: February 24, 2017

Naser Pourakbar Sharifi

*BS, Isfahan University of Technology, Iran;
MS, Sharif University of Technology, Iran*

CIVIL ENGINEERING—

“Application of Phase Change Materials to Improve the Thermal Performance of Buildings and Pavements”

Advisor: Aaron Sakulich

Awarded: February 24, 2017

Xiaokong Yu

BS, MS, Northwest A&F University, China

CIVIL ENGINEERING—

“Understanding of Chemical-Microstructural-Mechanical Relationships of Asphalt Binders”

Advisor: Mingjiang Tao

Ain-ul-Aisha

MS, National University of Sciences and Technology, Pakistan

ELECTRICAL AND COMPUTER ENGINEERING—

“Fundamental Limits of Poisson Channels in Visible Light Communications”

Advisor: Lifeng Lai

Bengi Aygun

BS, Yildiz Technical University, Turkey;

ME, Bahcesehir University, Turkey

ELECTRICAL AND COMPUTER ENGINEERING—

“Distributed Adaptation Techniques for Connected Vehicles”

Advisor: Alexander Wyglinski

Awarded: October 7, 2016

Travis Fredrick Collins

BS, MS, Worcester Polytechnic Institute

ELECTRICAL AND COMPUTER ENGINEERING—

“Enabling 5G Technologies”

Advisor: Alexander Wyglinski

Awarded: February 24, 2017

Chenyun Dai

BS, Nanjing University of Aeronautics and Astronautics, China;

MS, Worcester Polytechnic Institute

ELECTRICAL AND COMPUTER ENGINEERING—

“Studies of the Relationship Between the Surface Electromyogram, Joint Torque and Impedance”

Advisor: Edward Clancy

Awarded: February 24, 2017

Paulo Victor Rodrigues Ferreira

BS, MS, Universidade Federal de Uberlandia, Brazil

ELECTRICAL AND COMPUTER ENGINEERING—

“SRML: Space Radio Machine Learning”

Advisor: Alexander Wyglinski

Yishuang Geng

BS, Southeast University, China;

MS, Worcester Polytechnic Institute

ELECTRICAL AND COMPUTER ENGINEERING—

“Radio Propagation for Localization and Motion Tracking in Three Body Area Network Applications”

Advisor: Kaveh Pahlavan

Awarded: February 24, 2017

Gorka Irazoqui

MS, Tecnun Universidad de Navarra, Spain

ELECTRICAL AND COMPUTER ENGINEERING—

“Cross-core Microarchitectural Attacks and Countermeasures”

Advisor: Thomas Eisenbarth

Lili Yuan

BS, Beijing Institute of Technology, China

ELECTRICAL AND COMPUTER ENGINEERING—

“Feasibility Investigation of Real-time Quantitative Quasi-static Ultrasound Elastography”

Advisor: Peder Pedersen

Khalid M. Alzahrani

BS, KFUPM, Saudi Arabia;

MS, MBA, Worcester Polytechnic Institute

MANUFACTURING ENGINEERING—

“Perspectives on Hybrid Electric Vehicles in the Kingdom Of Saudi Arabia”

Advisor: Amy Zeng

Awarded: October 7, 2016

Inigo Anza

MS, University of the Basque Country, Spain

MATERIALS SCIENCE AND ENGINEERING—

“Synthesis of Aluminum-Titanium Carbide Composites by the Rotating Impeller Gas-Liquid In-situ Method”

Advisor: Makhoul Makhoul

Awarded: October 7, 2016

Aaron Marc Birt

BS, Lafayette College;

MS, Worcester Polytechnic Institute

MATERIALS SCIENCE AND ENGINEERING—

“Materials and Machines: Simplifying the Mosaic of Modern Manufacturing”

Advisor: Diran Apelian

Yinjie Cen

BS, Central South University, China;

MS, Worcester Polytechnic Institute

MATERIALS SCIENCE AND ENGINEERING—

“Si/C Nanocomposites for Li-ion Battery Anode”

Advisor: Jianyu Liang

Awarded: February 24, 2017

Meinan He

MS, Worcester Polytechnic Institute
 MATERIALS SCIENCE AND ENGINEERING—
 “High-Voltage Electrolyte-Based on Fluorinated
 Compounds for High-Energy Li-ion Chemistry”
Advisor: Yan Wang
 Awarded: February 24, 2017

Farhad Khosravi

BE, ME, University of Louisville
 MECHANICAL ENGINEERING—
 “Carbon Nanotubes Micro-Arrays: Characterization and
 Application in Biosensing of Free Proteins and Label-Free
 Capture of Breast Cancer Cells”
Advisor: Balaji Panchapakesan
 Awarded: October 7, 2016

Gang Li

BS, MS, Harbin Institute of Technology, China
 MECHANICAL ENGINEERING—
 “Robotic System Development for Precision
 MRI-Guided Needle-Based Interventions”
Advisor: Gregory Fischer
 Awarded: October 7, 2016

Baillie Rae McNally

BS, MS, Worcester Polytechnic Institute
 MATERIALS SCIENCE AND ENGINEERING—
 “Through-Process Modeling of Aluminum Alloys for Cold
 Spray: Experimental Characterization and Verification of
 Models”
Advisor: Richard Sisson
 Awarded: February 24, 2017

Samuel Charles Neu

BS, MS, Worcester Polytechnic Institute
 AEROSPACE ENGINEERING—
 “Experimental and Computational Investigation of
 Electrohydrodynamically –Enhanced Nucleate Boiling”
Advisor: John Blandino
 Awarded: February 24, 2017

Carl Soderhjelm

MS, Lund University, Sweden
 MATERIALS SCIENCE AND ENGINEERING—
 “Multi-Material Metal Casting: Metallurgically
 Bonding Aluminum to Ferrous Inserts”
Advisor: Diran Apelian

Anthony George Spangenberg III

BS, Worcester Polytechnic Institute
 MATERIALS SCIENCE AND ENGINEERING—
 “Engineering of Light Metals for Dynamic Properties and
 Fatigue Performance”
Advisor: Diana Lados

Niravkumar Amrutlal Patel

BE, North Gujarat University, India;
MTech, Nirma University, India
 ROBOTICS ENGINEERING—
 “Towards Closed-loop, Robot Assisted Percutaneous
 Interventions under MRI Guidance”
Advisor: Gregory Fischer

Dmitry Aleksandrovich Sinyukov

BS, MS, South Ural State University, Russia
 ROBOTICS ENGINEERING—
 “Semi-Autonomous Robotic Wheelchair Controlled
 with Low Throughput Human-Machine Interfaces”
Advisor: Taskin Padir

MASTER'S DEGREES

ARTS AND SCIENCES

BIOLOGY AND BIOTECHNOLOGY DEPARTMENT

Max Fine Levine
*Bioinformatics and Computational
Biology*

CHEMISTRY AND BIOCHEMISTRY DEPARTMENT

Xiaomeng Liang
Chemistry
Awarded October 7, 2016

COMPUTER SCIENCE DEPARTMENT

Regan Kurt Broderick-Sander
Computer Science

Nicholas Francis Brown
Computer Science

Dennis Joseph Cammer
Computer Science

Anthony Joseph Chenard
Computer Science

Hongzhang Cheng
Computer Science

Ryan Anthony Danas
Computer Science
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William Robert Disanto
Computer Science
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Lin Du
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Vsevolod Khibkin
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Ahmad Moghimi
Computer Science

Mohamed Essedik Najd
Computer Science

Yuxiang Ren
Computer Science

Austin T. Rose
Computer Science

Amit Kumar Srivastava
Computer Science

Xiaoyan Sun
Computer Science

Siqi Tang
Computer Science

Mi Tian
Computer Science

Antonio Rafael Viñaviles Umali
Computer Science
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Tuan Quang Vu
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Kuang Xiong
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Libin Yang
Computer Science

Mei Yang
Computer Science

Zhaojun Yang
Computer Science

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Computer Science

Jingjun Zhang
Computer Science

Shirui Zhang
Computer Science

Mingyan Zhao
Computer Science
Awarded February 24, 2017

Yihao Zhou
Computer Science

Hongmei Zong
Computer Science

Kai Zou
Computer Science

DATA SCIENCE PROGRAM

Yihan Bao
Data Science

Weina Chen
Data Science

Xinyu Dai
Data Science

Cheng Deng
Data Science

Yichen Ding
Data Science

Bian Du
Data Science

Cut Famelia
Data Science

Shaowei Gong
Data Science

Qiuyi Hong
Data Science

Muyeedul Hoque
Data Science

Xiang Huang
Data Science

Saber Jahanpour
Data Science
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Shijie Jiang
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Yi Jiang
Data Science

Zhenhua Li
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Haiyan Liang
Data Science

Yuting Liang
Data Science

Caidan Liu
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Duanduan Liu
Data Science

Jiaqi Liu
Data Science

Zhiyuan Liu
Data Science

Yanran Ma
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Neehar S. Mukne
Data Science

Nikita Mutta
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Qianchao Nie
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Zheng Nie
Data Science

Mu Niu
Data Science

Qijie Pan
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Amogh Raghunath
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Zhongzheng Shu
Data Science

Harsh Vardhan Singh Gaur
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Qian Wang
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Guojun Wu
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Huan Ye
Data Science

Kanrong Yu
Data Science

Liang Zhang
Data Science

Shile Zhao
Data Science

Lu Zhong
Data Science

Boya Zhou
Data Science

Chen Zou
Data Science

INTERACTIVE MEDIA AND GAME DEVELOPMENT PROGRAM

Yakin Najahi
*Interactive Media and
Game Development*

Ravi Arun Parekh
*Interactive Media and
Game Development*

Kathryn Lexie Elizabeth Williams
*Interactive Media and
Game Development*

**MATHEMATICAL SCIENCES
DEPARTMENT**

Catherine Jean Bonner
Financial Mathematics

Qiyue Chen
Financial Mathematics

Xinyu Chen
Applied Statistics

Amorn Chokchaisiripakdee
Applied Mathematics

Yang Cui
Financial Mathematics
Awarded February 24, 2017

Yongqiang Cui
Financial Mathematics

Shuaichuan Feng
Financial Mathematics

Yutong Feng
Applied Statistics

Erica Danielle Ford
Master of Mathematics for Educators

Francene Marie Gleason
Master of Mathematics for Educators
Awarded February 24, 2017

Yuhui Gong
Financial Mathematics

Chuqin Huang
Applied Statistics
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Xiangyu Huang
Financial Mathematics

Joshua Elijah Keller
Industrial Mathematics

Brian Gary Kodalen
Applied Mathematics

Nan Li
Applied Statistics
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Xiao Liang
Financial Mathematics

Jiaxin Liu
Applied Statistics

Blanche Sonia Ngo Mahop
Applied Mathematics

Xuan Ning
Financial Mathematics

Jonathan David Orr
Industrial Mathematics

Qingyun Ren
Financial Mathematics

Sarah Rose Rieder
Master of Mathematics for Educators
Awarded October 7, 2016

Roberta Tremblay Russo
Master of Mathematics for Educators
Awarded October 7, 2016

Chuangshi Shen
Financial Mathematics

Xiao Shen
Applied Mathematics

Yupu Song
Financial Mathematics

Jinxin Tao
Applied Statistics

Fang Wan
Financial Mathematics

Lu Wang
Financial Mathematics

Rui Yu
Applied Mathematics

Shuai Zhai
Financial Mathematics

Chi Zhang
Applied Statistics

Jiarui Zhang
Financial Mathematics

Yue Zhao
Financial Mathematics

Siyue Zhou
Financial Mathematics

Tingwen Zhou
Financial Mathematics

Tianyu Zou
Applied Statistics

Zhiyao Zuo
Financial Mathematics

PHYSICS DEPARTMENT

Muping Chen
Physics

Richard Paul Doherty II
Physics for Educators
Awarded October 7, 2016

Eric James Reich
Physics
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Claudio Salazar
Physics for Educators
Awarded February 24, 2017

Gawain Matsen Thomas
Physics
Awarded February 24, 2017

Yuchen Wang
Physics

Wiphu Youyen
Physics

**SOCIAL SCIENCE AND POLICY
STUDIES DEPARTMENT**

Stefanie Elizabeth Anderson
System Dynamics

Zahir Russ Balaporia
System Dynamics
Awarded October 7, 2016

George Johnson-Orban
System Dynamics

Thomas Wittig
System Dynamics
Awarded October 7, 2016

Raid Mahmoud Zaini
System Dynamics

ENGINEERING

BIOMEDICAL ENGINEERING DEPARTMENT

Matthew Alexander Babina
Biomedical Engineering
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Stefano Berti Pérez
Biomedical Engineering
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Collette Madeline Bora
Biomedical Engineering

Luciano Pablo Bortolin
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Kailey J. Castellano
Biomedical Engineering

Michael Raymond Day
Biomedical Engineering

Stephanie R. Fariello
Biomedical Engineering

Connor Michael Haley
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José Miguel Lázaro Guevara
Biomedical Engineering

Vivian Liang
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William Dao Ethan Noiles Gardner
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Kimberly Joy Ornell
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Kathryn Elisabeth Partridge
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Luke Roger Perreault
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Zachary Eugene Sellman
Biomedical Engineering
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Sarah Ann Sisson
Biomedical Engineering

Brian James Sokoloff
Biomedical Engineering

Julie Anne Tevenan
Biomedical Engineering

Nicholas Patrick Musselman Trabucco
Biomedical Engineering

CHEMICAL ENGINEERING DEPARTMENT

Tyler Trettel Howard
Chemical Engineering
Awarded February 24, 2017

Alexander Nicholas Piscione Korpacz
Chemical Engineering
Awarded February 24, 2017

Zijian Ma
Chemical Engineering

Zhengyang Yang
Chemical Engineering

CIVIL AND ENVIRONMENTAL ENGINEERING DEPARTMENT

Ekaterina Dimitrova Atanasova
Civil Engineering

Eilish Christine Corey
Environmental Engineering
Awarded October 7, 2016

Jose Adan Cueva
Civil Engineering
Awarded October 7, 2016

Tatyana Dudiac
Environmental Engineering
Awarded October 7, 2016

Peter James Eggleston
Civil Engineering
Awarded February 24, 2017

Carly Marie Giannini
Civil Engineering

Gert Guldentops
Civil Engineering

Colleen Elizabeth Heath
Environmental Engineering
Awarded February 24, 2017

Ashley Elizabeth Hoffman
Construction Project Management

Purvashri Vivek Padhye
Construction Project Management
Awarded February 24, 2017

Xiaodi Pan
Environmental Engineering
Awarded October 7, 2016

Veronica C. Rojas Scheffer
Environmental Engineering
Awarded October 7, 2016

Benjamin Logan Ross
Construction Project Management

Jeremy Dylan Soderholm
Civil Engineering

Xinwen Xu
Environmental Engineering

Milad Zabeti Targhi
Civil Engineering
Awarded October 7, 2016

Yitong Zhao
Civil Engineering

**ELECTRICAL AND COMPUTER
ENGINEERING DEPARTMENT**

Andre Michel Ajami
Systems Engineering
Awarded February 24, 2017

Matthew Wallace Atwood
Systems Engineering
Awarded February 24, 2017

LauraLee Austin
Electrical and Computer Engineering
Awarded February 24, 2017

Douglas James Ayer
Power Systems Engineering
Awarded February 24, 2017

Michael Curtis Bach
Electrical and Computer Engineering
Awarded October 7, 2016

Lucine Victoria Bahtiarian
Systems Engineering
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Zubair Ahmed Baig
Electrical and Computer Engineering

Adam Kenneth Benedict
Electrical and Computer Engineering
Awarded October 7, 2016

Vanith Kumari Chandura Biddappa
Power Systems Engineering

Jonathan Paul Blanchard
Systems Engineering
Awarded October 7, 2016

Raunak Mukund Borwankar
Electrical and Computer Engineering

William Joseph Breen Jr.
Electrical and Computer Engineering
Awarded October 7, 2016

Thomas Michael Brown
Power Systems Engineering
Awarded October 7, 2016

Christopher Michael Byrne
Electrical and Computer Engineering

Rifat Ahmed Chowdhury
Electrical and Computer Engineering

James Colombo
Electrical and Computer Engineering

Ian Matthew Costanzo
Electrical and Computer Engineering

Matthew DeMorais Crivello
Electrical and Computer Engineering

Akanksha Chandrakant Devkar
Electrical and Computer Engineering

Justin David Dietz
Electrical and Computer Engineering

Mert Can Erad
Electrical and Computer Engineering

Christine Marianne Fernandes
Systems Engineering
Awarded February 24, 2017

Abraham Fernandez-Rubio
Electrical and Computer Engineering

Ernesto Fiallo
Electrical and Computer Engineering
Awarded February 24, 2017

Nathaniel Charles Gedney
Systems Engineering
Awarded February 24, 2017

David Albert Gervais Jr.
Systems Engineering
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Hristos Nikolaos Giannopoulos
Electrical and Computer Engineering
Awarded February 24, 2017

Evan Benjamin Goldberg
Power Systems Engineering
Awarded October 7, 2016

Yinkang Gu
Electrical and Computer Engineering

Zhang Guo
Electrical and Computer Engineering

Ryan Douglas Haack
Systems Engineering
Awarded February 24, 2017

Peter L. Hammond
Electrical and Computer Engineering

Mohit Ketan Hapani
Electrical and Computer Engineering

Tyler Lewis Harvey
Power Systems Engineering
Awarded October 7, 2016

Casey L. M. Hayes
Power Systems Engineering

Mojtaba Hoshmand
Electrical and Computer Engineering

Dana Adam Howes
Electrical and Computer Engineering

Eric Yexing Huang
Electrical and Computer Engineering
Awarded October 7, 2016

Timothy Victor Jakubiak
Electrical and Computer Engineering

Bo Jiang
Electrical and Computer Engineering

Yizhou Jiang
Electrical and Computer Engineering

Aaron Bruce Johnson
Systems Engineering

Daniel Tice Jones
Electrical and Computer Engineering
Awarded October 7, 2016

Jeremy Kabacinski
Systems Engineering

Don Vann Keuth
Electrical and Computer Engineering
Awarded October 7, 2016

James Robert King
Electrical and Computer Engineering

Goutham Neelambaran Kodumudi
Srichandhru
Electrical and Computer Engineering
Awarded February 24, 2017

Kristian Val Koptchaliyski
Electrical and Computer Engineering

Sophine Landi Kouleya
Electrical and Computer Engineering

John Paul Kruszewski
Systems Engineering
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Gabriel Kwofie
Electrical and Computer Engineering

Zachary Perrone Lagadinos
Systems Engineering
Awarded February 24, 2017

Brendan Thomas Lambert
Systems Engineering
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Nathaniel John Law
Systems Engineering

Jianan Li
Electrical and Computer Engineering

Xiaoxi Li
Electrical and Computer Engineering
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Hao Liu
Electrical and Computer Engineering

Ziyong Liu
Electrical and Computer Engineering
Awarded October 7, 2016

Joseph Patrick LiVolsi
Systems Engineering
Awarded February 24, 2017

Shengjie Lu
Electrical and Computer Engineering

Caitlyn Nicole Marcoux
Electrical and Computer Engineering

David Gann Marcus
Electrical and Computer Engineering
Awarded February 24, 2017

Angela Marie Marsh-Soderman
Power Systems Engineering
Awarded October 7, 2016

Emily Mazzola
Electrical and Computer Engineering

James Michael McGrath
Power Systems Engineering

John Francis McInerney
Systems Engineering
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David George Melonson
Power Systems Engineering
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John Arthur Michaud Jr.
Electrical and Computer Engineering
Awarded February 24, 2017

Phillip Miskinis
Power Systems Engineering

Jack T. Morgan
Systems Engineering
Awarded October 7, 2016

Nan Mu
Electrical and Computer Engineering

Frank James Murphy
Systems Engineering
Awarded February 24, 2017

Zachary Peter Niforos
Systems Engineering
Awarded February 24, 2017

Thomas Joseph O'Brien
Systems Engineering
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Justin D. O'Kay
Power Systems Engineering
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Jesse Jeremiah Otis
Systems Engineering
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Gregory Pasalides
Systems Engineering
Awarded February 24, 2017

Ravi Rajendra Patel
Systems Engineering
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Trupti Vasant Patel
Systems Engineering
Awarded October 7, 2016

Vladimir V. Pecheny
Electrical and Computer Engineering
Awarded February 24, 2017

Joshua Elliott Pesch
Systems Engineering
Awarded February 24, 2017

Amanda Sue Piscopiello
Electrical and Computer Engineering

Michael Thomas Porcaro
Power Systems Engineering
Awarded February 24, 2017

Joseph Frank Pticar
Systems Engineering

Junqing Qiao
Electrical and Computer Engineering
Awarded October 7, 2016

Likun Qin
Electrical and Computer Engineering

Kevin Bruce Rahn
Systems Engineering
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Mark Manuel Ramos
Systems Engineering
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Shrutika Vijay Redkar
Electrical and Computer Engineering

Chao Ren
Electrical and Computer Engineering
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Matthew Anthony Rocco
Systems Engineering
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Pablo Manuel Rosenfeld
Power Systems Engineering
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Isaac John Sarnecki
Power Systems Engineering

Matthew Edward Schlitt
Systems Engineering
Awarded February 24, 2017

Anne Nadler Schmidt
Systems Engineering
Awarded October 7, 2016

John Fredrik Scimone
Electrical and Computer Engineering
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Devdip Sen
Electrical and Computer Engineering

Sugandha Sharma Echeverria
Power Systems Engineering

Rebecca Lynn Rancour Sibberson
Power Systems Engineering
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Andrew Peter Simmons
Power Systems Engineering
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Matthew Alan Smith
Electrical and Computer Engineering

Robert Joseph Spelman
Power Systems Engineering

Timothy Michael Starr
Electrical and Computer Engineering
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Electrical and Computer Engineering

Steven E. Stewart
Systems Engineering
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Keith Michael Suravich
Power Systems Engineering
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Harshal Vipul Tankaria
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Michael George Tencza
Electrical and Computer Engineering
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Donat A. Tetreault Jr.
Systems Engineering
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Juny Thomas
Power Systems Engineering
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Shihan Tian
Electrical and Computer Engineering

Ye Tian
Electrical and Computer Engineering

Kathryn Michele Tischer
Systems Engineering
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Preston Bryant Tischer
Systems Engineering
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Mason Philip Tremblay
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Wei Wei
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Carolyn S. Westmark
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Power Systems Engineering
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Jamie Marie Wright
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Electrical and Computer Engineering

Yaofei Yang
Electrical and Computer Engineering

Julang Ying
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Systems Engineering
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Dezhi Zhao
Electrical and Computer Engineering

Huan Zhao
Electrical and Computer Engineering

Yufei Zheng
Electrical and Computer Engineering

Xiangchen Zhu
Electrical and Computer Engineering

David Scott Ziegenfuss
Electrical and Computer Engineering

**FIRE PROTECTION ENGINEERING
DEPARTMENT**

Rebecca Mae Barolli
Fire Protection Engineering
Awarded February 24, 2017

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Fire Protection Engineering
Awarded February 24, 2017

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John Edward Caliri Jr.
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Anthony Michael Campanella Jr.
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Fire Protection Engineering

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Fire Protection Engineering
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Camden Michael Knoff
Fire Protection Engineering

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Qi Li
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Fire Protection Engineering
Awarded February 24, 2017

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Fire Protection Engineering

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Shannon Marie Rice
Fire Protection Engineering

Samim Safaei Boroojeny
Fire Protection Engineering
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Awarded February 24, 2017

Mai Tomida
Fire Protection Engineering

Panyawat Tukaew
Fire Protection Engineering

Sandra Christine Twilley
Fire Protection Engineering
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Kristina Zichelli
Fire Protection Engineering
Awarded October 7, 2016

**MECHANICAL ENGINEERING
DEPARTMENT**

Christian Anthony Acosta
Mechanical Engineering

Robert Joseph Aguece
Mechanical Engineering
Awarded October 7, 2016

HAIDAR AL HADDAD
Mechanical Engineering
Awarded February 24, 2017

Gillian N. Allsup
Mechanical Engineering
Awarded October 7, 2016

Mustafa Shaker Alshaikh
Mechanical Engineering

Benjamin Matthew Andrews
Aerospace Engineering

Mica Anglin
Aerospace Engineering

Shivaprasad Arava
Mechanical Engineering
Awarded October 7, 2016

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Mechanical Engineering
Awarded February 24, 2017

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Manufacturing Engineering

Michael Robert Barney
Manufacturing Engineering

Andrew James Bauer
Mechanical Engineering

Lee Edward Bouldin
Manufacturing Engineering

Casey Joseph Broslawski
Mechanical Engineering

Nicholas Gary Burnell
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Eleanore Mary Carson
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Mechanical Engineering
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Melissa Meg Castaneda
Mechanical Engineering
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Materials Science and Engineering

Tianyu Cheng
Mechanical Engineering

Christopher Michael Collins Jr.
Materials Science and Engineering
Awarded October 7, 2016

Michael Cournoyer
Mechanical Engineering

Tyler Leon Crocker
Mechanical Engineering
Awarded February 24, 2017

Andrew Paul Crouch
Mechanical Engineering
Awarded February 24, 2017

Joshua Wayne Curto
Materials Science and Engineering

Tobin James Dancy
Mechanical Engineering
Awarded February 24, 2017

Christopher Darling
Mechanical Engineering
Awarded February 24, 2017

Gabriel Demeneghi Ludke
Materials Science and Engineering

Mikaela Ann DeRousseau
Materials Science and Engineering
Awarded February 24, 2017

Peter Nicholas DiMaggio
Mechanical Engineering

Carlo Neil Cruz Domaoan
Manufacturing Engineering

Ricardo Jose DosSantos
Manufacturing Engineering

Alexander Paul Draper
Mechanical Engineering

Dylan Isaac Dziuba
Mechanical Engineering
Awarded February 24, 2017

Andrew Curtiss Egger
Manufacturing Engineering

Jaime Elisabeth Espinola
Mechanical Engineering

Eric Christopher Falor
Manufacturing Engineering

Nicholas Andrew Fast
Mechanical Engineering
Awarded February 24, 2017

Timothy John Fekete Jr.
Mechanical Engineering
Awarded October 7, 2016

Yang Feng
Materials Science and Engineering

Jason P. Ferrante
Mechanical Engineering
Awarded October 7, 2016

Kyle Leigh Fitzpatrick-Schmidt
Materials Science and Engineering
Awarded February 24, 2017

Joseph Gill
Manufacturing Engineering

Jackson Nicholas Andrew Gillenwaters
Aerospace Engineering

Frances Julian Gonzalez
Mechanical Engineering
Awarded October 7, 2016

Fernando José González Navarro
Mechanical Engineering
Awarded October 7, 2016

Sean Russell Greene
Mechanical Engineering
Awarded February 24, 2017

Qinjun Gu
Materials Science and Engineering
Awarded October 7, 2016

Matthew Ryan Haley
Mechanical Engineering

Tyler Stephen Hanna
Mechanical Engineering

Sean Allen Hathaway
Manufacturing Engineering

Craig D. Healey
Mechanical Engineering

Elias Karam
Manufacturing Engineering
Awarded February 24, 2017

Nicholas John Francis Keller
Mechanical Engineering
Awarded February 24, 2017

Andrei Santino Breniman Koch
Aerospace Engineering

Mahesh Shankar Kottalgi
Manufacturing Engineering

Connor Lewis Kurtz
Mechanical Engineering

Orland Lamce
Aerospace Engineering

Daniel Kenney Lane
Mechanical Engineering
Awarded February 24, 2017

Yiming Lei
Materials Science and Engineering

Heidi Lennon
Materials Process Engineering
Awarded October 7, 2016

Corey Lewis
Mechanical Engineering
Awarded October 7, 2016

Botong Li
Manufacturing Engineering

Joseph Frederick Lidwin
Mechanical Engineering

Zhuoxian Lin
Materials Science and Engineering

Benjamin C. Lippitt
Materials Science and Engineering

Daniel E. Lipson
Mechanical Engineering

Jing Liu
Materials Science and Engineering

Jeffrey Daniel Lopes
Mechanical Engineering

Miguel Angel Lopez
Mechanical Engineering
Awarded October 7, 2016

Michael James Lorenzo
Materials Science and Engineering

Ryan Alexander Loth
Aerospace Engineering

Richard Gregory Lupa
Mechanical Engineering
Awarded February 24, 2017

Rahul Mukund Mahajan
Mechanical Engineering

Matt Malfa
Mechanical Engineering
Awarded October 7, 2016

Bryan James Manning
Mechanical Engineering

Jeffrey Edward Matthews
Mechanical Engineering
Awarded October 7, 2016

Alexander Robert Maynard
Mechanical Engineering
Awarded February 24, 2017

Matthew Michael McCormack
Manufacturing Engineering

Jessica Anne Meinsen
Manufacturing Engineering

Edson Novinyo
Manufacturing Engineering

Peisong Peng
Materials Science and Engineering

Mladen Pepic
Aerospace Engineering

Martin Phelan
Mechanical Engineering

Sarah Rose Puch
Mechanical Engineering
Awarded February 24, 2017

David Agersea Rich
Materials Science and Engineering
Awarded October 7, 2016

Mingjian Ruan
Manufacturing Engineering

Steven Dean Ruotolo
Mechanical Engineering

Matthew Anthony Ryder
Mechanical Engineering

Jonas Saggese Banhos
Aerospace Engineering
Awarded October 7, 2016

Christopher Antonio Sanchez
Manufacturing Engineering
Awarded February 24, 2017

Joseph Albert Sater
Aerospace Engineering

Hannah Elizabeth Sattler
Mechanical Engineering

Weston Tyler Schlack
Aerospace Engineering

Edmund Tsiri Semaha
Mechanical Engineering

Vinicius M. Silva
Mechanical Engineering
Awarded February 24, 2017

Andrew Thomas Skelly
Mechanical Engineering
Awarded February 24, 2017

Stefan McMillan Smith
Mechanical Engineering

Diana Sobers
Mechanical Engineering
Awarded February 24, 2017

Brad Warren Southard
Mechanical Engineering
Awarded February 24, 2017

Todd Ellsworth Southard
Mechanical Engineering
Awarded February 24, 2017

Michael Parry Strauss
Aerospace Engineering

Yinan Sun
Mechanical Engineering

Tyler Elizabeth Tao
Mechanical Engineering

Shadi Tasdighi Kalat
Mechanical Engineering

Vincent P. Tavernelli
Mechanical Engineering

Daniel Dean Thiesse
Aerospace Engineering
Awarded February 24, 2017

Shen Tian
Mechanical Engineering
Awarded February 24, 2017

Cuong Tan Truong
Mechanical Engineering
Awarded February 24, 2017

Derek George Tsaknopoulos
Materials Science and Engineering
Awarded February 24, 2017

Jonathan Morgan Van Blarcum
Mechanical Engineering

Juan Vazquez
Mechanical Engineering

Andrew Reed Vickery Jr.
Materials Science and Engineering
Awarded February 24, 2017

Mark Andrew Walker
Mechanical Engineering

Michael D. Walker
Manufacturing Engineering

Houjue Wang
Materials Science and Engineering

Zhengyu Wang
Manufacturing Engineering

Eric Yit Lin Williams
Mechanical Engineering

Brian Keith Wilson
Mechanical Engineering
Awarded February 24, 2017

Maranda Erin Wong
Manufacturing Engineering

Weijie Wu
Materials Science and Engineering

Tao Yan
Materials Science and Engineering

Yang Yang
Materials Science and Engineering

Caicai Ye
Materials Science and Engineering

Sheng Ye
Materials Science and Engineering

Qing Yin
Materials Science and Engineering

Christian Alexis Zelaya
Aerospace Engineering

Jing Zhang
Materials Science and Engineering

Zhaolong Zhang
Manufacturing Engineering
Awarded October 7, 2016

Hanqing Zhao
Mechanical Engineering

Shuxin Zheng
Materials Science and Engineering
Awarded October 7, 2016

Tianyi Zhou
Materials Science and Engineering

POWER SYSTEMS MANAGEMENT PROGRAM

Arianna Baret Peralta
Power Systems Management
Awarded October 7, 2016

Brandon Nicholas Bravetti
Power Systems Management

Luai M. Elamir
Power Systems Management
Awarded February 24, 2017

David Frederick Hughes III
Power Systems Management
Awarded October 7, 2016

Mark Kiprono Korir
Power Systems Management
Awarded February 24, 2017

Ledum Edward Nordee
Power Systems Management
Awarded October 7, 2016

Zakaria Ouzzif
Power Systems Management

Justin Patrick Preece
Power Systems Management
Awarded October 7, 2016

Kojo Asante Sefah
Power Systems Management
Awarded October 7, 2016

Jordan Hans Shenk
Power Systems Management
Awarded February 24, 2017

ROBOTICS ENGINEERING PROGRAM

Mihir Acharya
Robotics Engineering

Nikhil Kamalkumar Advani
Robotics Engineering

Georgios Ardamerinos
Robotics Engineering

Michael John Baucum
Robotics Engineering

Aditya Bhat
Robotics Engineering

Kevin Michael Cariddi
Robotics Engineering

Nikhil Dilip Deshpande
Robotics Engineering

Anany Dwivedi
Robotics Engineering

Gabrielle H. Franzini
Robotics Engineering

Renato Girardi Gasoto
Robotics Engineering

Nathan Drew George
Robotics Engineering

Colin Michael Gladding
Robotics Engineering

Ari Benjamin Goodman
Robotics Engineering

Chinmay Vithoba Harmalkar
Robotics Engineering

Sayre Paul Jeannet
Robotics Engineering

Ananth Jonnavittula
Robotics Engineering

Dharmateja Kadem
Robotics Engineering

Sahil Kejriwal
Robotics Engineering

John Devir Kelly
Robotics Engineering

Samuel Khalandovsky
Robotics Engineering

Rohan Sanjay Kothari
Robotics Engineering

Syamprasad K Rajagopalan
Robotics Engineering

Aravind Krishnan
Robotics Engineering

Rahul Krishnan
Robotics Engineering

Luis Miguel Lasa Navarro
Robotics Engineering

Sean M. McGovern
Robotics Engineering
Awarded February 24, 2017

Joseph Peter McMahon
Robotics Engineering
Awarded February 24, 2017

Jeffrey Nicholas Miscione
Robotics Engineering

Kiran Mohan
Robotics Engineering

Mitchell Kenneth Muller
Robotics Engineering

Vishaal Munusamy Kabilan
Robotics Engineering

Suriya Madhan Pachaimuthu
Robotics Engineering
Awarded February 24, 2017

Brent Stevens Palermo
Robotics Engineering

Nicholas Joseph Panzarino
Robotics Engineering

Kunal Madhukar Patel
Robotics Engineering

Kunal Ratiram Patil
Robotics Engineering

Ria Hancy Pereira
Robotics Engineering

Benjamin Pinaya
Robotics Engineering

John William Rogers Pryor
Robotics Engineering

Anand Ramakrishnan
Robotics Engineering

Aman Rana
Robotics Engineering

Alex Michael Rutfield
Robotics Engineering

Ankit Saini
Robotics Engineering

Junius Santoso
Robotics Engineering

Eric Sinclair Savage
Robotics Engineering

Ayush J. Shah
Robotics Engineering

Rohit S. Sheth
Robotics Engineering

Bhawna Shiwani
Robotics Engineering

Matthew Evan Silverman
Robotics Engineering

Gregory John Slavin
Robotics Engineering

Ulkesh Sanjay Solanki
Robotics Engineering

Nuttaworn Sujumnong
Robotics Engineering

Dikshya Swain
Robotics Engineering

Jacob Stewart Torrey
Robotics Engineering
Awarded February 24, 2017

Varun Visnudas Verlencar
Robotics Engineering

Adela Hsien-Neng Wee
Robotics Engineering
Awarded February 24, 2017

FOISIE BUSINESS SCHOOL

Maryam Mumtaz Abdullah
Management
Awarded October 7, 2016

Ryan J. Adams
Master of Business Administration
Awarded October 7, 2016

Akash Pramod Amritkar
Information Technology

Shijie An
Marketing and Innovation

Ujwal Annadata
Information Technology

Pin Anupongongarch
Master of Business Administration

Charles Christopher Banos
Master of Business Administration

Nupur Anil Bansod
Information Technology

Salah Awad Baqhum
Master of Business Administration
Awarded October 7, 2016

Danielle M. Batey
Master of Business Administration

Keith Stephen Black
Management
Awarded February 24, 2017

Michael Joseph Bonavita
Master of Business Administration

James Matthew Cahill
Information Technology
Awarded February 24, 2017

Samuel Cano Trujillo
Information Technology
Awarded February 24, 2017

Yujing Cao
Information Technology
Awarded February 24, 2017

Brian Matthew Carey
Master of Business Administration
Awarded October 7, 2016

Brian William Cataldo
Master of Business Administration
Awarded October 7, 2016

Christopher James Chagnon
Information Technology
Awarded October 7, 2016

Pavan Kumar Chavva
Information Technology

Junan Chen
Marketing and Innovation

Sangrou Chen
Information Technology

Yijia Chen
Information Technology

Bhakti Kirti Chheda
Information Technology
Awarded February 24, 2017

Stephen Tang Chiang
Master of Business Administration

Justin Michael Chretien
Management
Awarded February 24, 2017

Tyler Bruce Cichowlas
Master of Business Administration

Lisa Marie Clark
Management

Charles Edward Climer Jr.
Master of Business Administration
Awarded October 7, 2016

David Clinton Collins
Master of Business Administration
Awarded February 24, 2017

Michael Andrew Conrad
Master of Business Administration
Awarded February 24, 2017

Zachary Louis Culp
Management

Anurag A. Desai
Information Technology

John Francis Dinand Jr.
Master of Business Administration
Awarded October 7, 2016

Jiani Ding
Operations Design and Leadership
Awarded February 24, 2017

Weiyi Ding
Operations Analytics and Management

Marc F. Dinino
Master of Business Administration
Awarded October 7, 2016

Joseph Maurice Donohue
Master of Business Administration
Awarded October 7, 2016

Timothy Curtis Dow
Management

Anthony Lee Dragich
Master of Business Administration
Awarded October 7, 2016

Emalee Claire Drake
Operations Design and Leadership
Awarded February 24, 2017

Allison Kenya Elmer
Master of Business Administration
Awarded October 7, 2016

Samantha Ann Ervin
Management

Julie Elizabeth Fehlmann
Operations Design and Leadership
Awarded February 24, 2017

Xiaohang Fei
Master of Business Administration

Erika L. Fiala
Master of Business Administration

Elizabeth Rose Pagaduan Fitch
Operations Analytics and Management

David C. Fogaren Jr.
Master of Business Administration
Awarded February 24, 2017

Alexandra Monique
Francois-Saint-Cyr
Master of Business Administration

Pooja Ameet Gandhi
Operations Analytics and Management

James Leonard Garvin
Master of Business Administration
Awarded October 7, 2016

George Michael Giglio
Master of Business Administration

Elisa Gjoka-Komoni
Master of Business Administration

Sachin Goel
Information Technology

Daniel J. Goncalves
Master of Business Administration
Awarded February 24, 2017

Radhika Gopinath
Master of Business Administration

Minal Hemantkumar Goyal
Information Technology

Jessica Elizabeth Grande
Master of Business Administration

Christopher Joseph Thomas Gregory
Information Technology

Jennifer M. Griffin-Driscoll
Master of Business Administration

William George Grudzinski Jr.
Information Technology
Awarded October 7, 2016

Xiaofan Gu
Operations Analytics and Management

Morgan Lee Guardino
Master of Business Administration

Elizabeth Anne Hansen
Management

Mark Francis Harrington
Master of Business Administration

Jennifer Lynn Harvey
Operations Analytics and Management

Jennifer Lynn Harvey
Master of Business Administration

Shan He
Information Technology
Awarded February 24, 2017

Zhuoming He
Information Technology

Rachel Katharine Heller
Master of Business Administration

Gregory Michael Hencir
Master of Business Administration

Rio Hendarwan
Master of Business Administration
Awarded February 24, 2017

Mojtaba Hoshmand
Management

Lijia Huang
Marketing and Innovation
Awarded February 24, 2017

Qingya Huang
Marketing and Innovation

Yao Huang
Operations Analytics and Management

Prateek Jain
Information Technology

Arun Prakash Jayabalakrishnan
Master of Business Administration
Awarded February 24, 2017

Nisi Ji
Operations Analytics and Management

Xiaolin Jiang
Operations Analytics and Management

Christopher Harold Johnson
Master of Business Administration

Akshata Kamat
Information Technology

Chirantan Jaydev Kanani
Master of Business Administration

Viraj Vinay Karnik
Information Technology

Elizabeth Koestler Karpinski
Operations Analytics and Management

Jasmeet Kaur
Information Technology
Awarded February 24, 2017

Hardik Kohli
Master of Business Administration
Awarded October 7, 2016

Charles Martin Koutsogiane Jr.
Management
Awarded February 24, 2017

Abha Kulkarni
Information Technology

Adam Stafford Lafleur
Master of Business Administration

Nitinnarayanan Lakshminarayanan
Information Technology

David R. Ledoux
Master of Business Administration
Awarded October 7, 2016

Jonathan Charles Legare
Master of Business Administration
Awarded October 7, 2016

Fuyan Li
Master of Business Administration

Geyang Li
Information Technology

Geyang Li
Marketing and Technological Innovation
Awarded October 7, 2016

Tingyu Li
Information Technology

Jinlian Lin
Marketing and Technological Innovation
Awarded October 7, 2016

Tingting Lin
Operations Analytics and Management

Yanling Lin
Marketing and Innovation

Chang Liu
Operations Analytics and Management
Awarded February 24, 2017

Fangyi Liu
Information Technology

Jielei Liu
Operations Analytics and Management

Qianying Liu
Operations Analytics and Management
Awarded February 24, 2017

Si Liu
Information Technology

Yue Liu
Operations Analytics and Management

Daniel Christopher Long
Master of Business Administration

Yixin Luo
Information Technology

Tianqing Ma
Marketing and Innovation

Piyush Malviya
Information Technology

Safi Mansoor
Master of Business Administration
Awarded October 7, 2016

James Carroll McGlynn
Master of Business Administration

Adam Brian McNally
Management

Lisa Ann Michaud
Master of Business Administration

Kamal Mihani
Information Technology

Morgan N. Mitchell
Management

Pankaj Mittal
Operations Analytics and Management

David W. Mwangi
Management
Awarded Posthumously

Sonali Digambar Naik
Information Technology

Kelly Elizabeth Napier
Master of Business Administration

Anna Marie Nash
Master of Business Administration
Awarded October 7, 2016

Tristan Khoa Nguyen
Master of Business Administration

Emma Rose Palmacci
Master of Business Administration
Awarded October 7, 2016

Yixiong Pan
Marketing and Innovation

Luke Christian Pantuosco
Management

Stephanie Pals Papia
Master of Business Administration
Awarded February 24, 2017

Sneha Dnyaneshwar Patil
Operations Analytics and Management

Yi Peng
Operations Analytics and Management

Bonham James Pierce
Management
Awarded February 24, 2017

Sai Bharat Pinnamaraju
Information Technology

Thomas Joseph Plasse
Information Technology
Awarded October 7, 2016

Xi Qiao
Management

Matthew D. Rand
Master of Business Administration
Awarded October 7, 2016

Rachel Catherine Riley
Management

Prerana Hemanta Rout
Information Technology

Jessica Mary Ruscitti
Master of Business Administration

Michael George Sack
Master of Business Administration

Namrata Saha
Information Technology

Sheetal G. Salunke
Information Technology

Ashwin Sathiyaveeswaran Sathy
Information Technology

Sayan Sengupta
Information Technology
Awarded October 7, 2016

Mohana R. Sethuraman
Master of Business Administration
Awarded October 7, 2016

Nicolle Alexandra Shandrow
Management

Michael Shea
Master of Business Administration

David Joseph Silva
Master of Business Administration

Saurabh Kumar Singh
Information Technology

Sugandha Singh
Information Technology

Jigisha Sinha
Information Technology

Yiyang Song
Master of Business Administration

Scott Joseph Spear
Management

Divya Tandon
Information Technology

Chenhao Tang
Information Technology

Sandra T. Taubert
Management
Awarded February 24, 2017

Wilander Anthony William Tauro
Information Technology

Roshan George Thekkekunel
Master of Business Administration
Awarded February 24, 2017

Vijay Tirumalai A Pursai
Master of Business Administration

Matthew J. Twerdy
Master of Business Administration
Awarded October 7, 2016

Felicia Adrienne Vidito
Master of Business Administration

Andis Vildavs
Master of Business Administration
Awarded October 7, 2016

Christopher Pak Villalta
Master of Business Administration
Awarded October 7, 2016

Manjiri Madan Virkar
Information Technology
Awarded October 7, 2016

Zhaoran Wang
Information Technology

Timothy Matthew Watts
Master of Business Administration
Awarded October 7, 2016

Daniel Adam Wolf
Master of Business Administration

Beilin Wu
Master of Business Administration

Yixuan Wu
Information Technology
Awarded February 24, 2017

John F. Wyatt, Jr.
Master of Business Administration

Ruochen Xing
Marketing and Innovation

Le Xiong
Operations Analytics and Management

Ruicheng Xu
Information Technology
Awarded October 7, 2016

Wenhui Xu
Marketing and Innovation

Yidan Xu
Information Technology

Yijiang Xu
Management

Zeynep Deniz Yalcin
Marketing and Technological Innovation
Awarded February 24, 2017

Zhongyi Yang
Marketing and Innovation

Xiaoyu Yao
Information Technology

Yin Yao
Operations Analytics and Management

Chandan Yathagadahally Puttaswamy
Information Technology

Anupama Anupam Yeole
Information Technology

Ying Ying
Marketing and Innovation

Hang Yu
Information Technology

Pei Zang
Marketing and Innovation

Shuo Zhang
Management
Awarded October 7, 2016

Yifan Zhang
Information Technology

Jie Zhao
Operations Analytics and Management

Ye Zheng
Master of Business Administration
Awarded February 24, 2017

Feng Zhu
Information Technology

Yi Zhu
Information Technology

Daniel Leonard Zuber
Master of Business Administration
Awarded October 7, 2016

ACADEMIC HONORS AND AWARDS

SALISBURY PRIZE

Casey Broslawski, *Mechanical Engineering*
Caitlin Burner, *Civil Engineering*
Rebecca Burns, *Psychological Science /
Biology and Biotechnology*
Gyneth Campbell, *International and Global Studies /
Mechanical Engineering*
Muping Chen, *Physics*
Rachel Connolly, *Biomedical Engineering /
Mechanical Engineering*
Anna Franciosa, *Environmental Engineering*
Lindsay Gurska, *Biology and Biotechnology*
Bryce Kaw-Uh, *International and Global Studies /
Computer Science*
Victoria Loehle, *Electrical and Computer Engineering /
Management Engineering*
Peter Melander, *Physics / Aerospace Engineering*
Bernat Navarro Serer, *Biochemistry /
Biology and Biotechnology*
Allison Paquin, *Biomedical Engineering /
Mechanical Engineering*
Tim Petri, *Computer Science*
Hope Shevchuk, *Chemical Engineering*
Gareth Solbeck, *Interactive Media and
Game Development / Computer Science*
Zilu Tian, *Electrical and Computer Engineering /
Mathematical Sciences*
Yuchen Wang, *Physics*
Jessica Wedell, *Mechanical Engineering*
Natalie Wellen, *Mathematical Sciences*
Zhehao Zhu, *Chemistry / Chemical 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

Conrad Ruiz, *Biomedical Engineering*
(AWARDED 2016)
Gyneth Campbell, *Mechanical Engineering /
International and Global Studies*
(HONORABLE MENTION, AWARDED 2016)

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

Anthony Spangenberg, PhD, "Engineering of Light Metals for Dynamic Properties and Fatigue Performance"
Advisor: Diana Lados

Muping Chen, MS, "A Finite Element Approach to Feynman Diagrams and Self-Energy Corrections: I Formalism"

Advisor: Ramdas Ram-Mohan

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

Marcel Gietzmann-Sanders: "Constructing Kirchhoff Graphs"

Advisor: Joseph Fehribach

Lucy Garvey, Lubna Hassan, Kyla Nichols, Allison Paquin: "Equine Lung Function Testing Device"

Advisors: Robert Daniello, Melissa Mazan, Marsha Rolle

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

Montana Paige Myatt (AWARDED 2016)
Nicholas Shannon

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.

CLASS OF 1879 PRIZE FOR OUTSTANDING PROJECTS IN THE HUMANITIES

Charlotte Reames, "Gender Roles in Morocco"
(AWARDED 2015)

Advisor: Bland Addison

All WPI undergraduates must complete the Humanities and Arts Requirement, which introduces them to the breadth, diversity, and creativity of the human experience. Through a self-selected sequence of courses, each student explores the humanities and arts broadly and dives more deeply into one theme. The exploration concludes with an Inquiry Seminar or Practicum. This award is given to students for excellent work that demonstrate exceptional creativity and skill in conceiving, developing, and expressing their chosen theme.

MARIETTA E. ANDERSON AWARD

Natalie Diltz (AWARDED 2016)

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

Lindsay Gurska (AWARDED 2016)

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

Niamh Fennessy (AWARDED 2015)

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

Julia Scott (AWARDED 2014)

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.

i3: INVESTING IN IDEAS WITH IMPACT AWARD BEST OVERALL

Meagan Carnes, PhD, Biomedical Engineering, "Fibrin Microthreads for Treating Chronic Muscle Injuries"

Advisor: George Pins

Mitchell Muller, MS, Robotics, "Gyroscopic Shoulder Prosthesis to Dynamically Assist Arm Amputees During Movement"

Advisor: Marko Popovic

GRADUATE RESEARCH INNOVATION EXCHANGE FIRST PLACE AWARDS

MS, OVERALL

Johanna Santos, Biomedical Engineering, "Fabrication of a Functional Fibrin-Based Microvascular Network"

Advisor: George Pins

Habibeh Ashouri Choshali, Civil and Environmental Engineering, "Effect of Tablets' Waviness on the Mechanical Response of Nacreous Materials: Modeling and Experiment"

Advisor: Nima Rahbar

PHD, ARTS AND SCIENCES

Tyler Reese, Mathematical Sciences, "Binary Matroids and Kirchhoff Graphs"

Advisor: Joseph Fehribach

PHD, BUSINESS AND SOCIAL SCIENCE

Christopher Chagnon, Foisie Business School, "Creating and Modeling a Decision Support System for Optimizing Service Classification and Assignment"

Advisor: Soussan Djamashbi

PHD, DATA SCIENCE AND CYBERSECURITY

Ramoza Ahsan, "Interactive Time Series Exploration Powered by the Marriage of Similarity Distances"

Advisor: Elke Rundensteiner

PHD, ENGINEERING

Benjamin Cooper, Mechanical Engineering, "Dynamic Sensor-Actor Interactions for Path-Planning in a Threat Field"

Advisor: Raghvendra Cowlagi

Xiaokong Yu, Civil and Environmental Engineering, "Investigation into Chemical-Mechanical Links of Bituminous Materials"

Advisor: Mingjiang Tao

PHD, LIFE SCIENCES AND BIOENGINEERING

Christopher Chute, Biology and Biotechnology, "TYRA-2: A Trace Amine Receptor's Role in an Innate Avoidance Response"

Advisor: Jagan Srinivasan

Douglas Reilly, *Biology and Biotechnology*,
 “Identification of a G Protein-Coupled Receptor
 Mediating a Social Behavior”
Advisor: Jagan Srinivasan

PHD, ROBOTICS AND CYBERPHYSICAL SYSTEMS
 Shadi Tasdighi Kalat, *Mechanical Engineering*, “Virtual
 Coordination in Collective Object Manipulation”
Advisor: Cagdas Onal

PRESIDENT’S IQP AWARDS

WINNER:
 Natalie Diltz, Jena Mazzucco, Austin Scott,
 Jeffrey Sirocki: “Stakeholder Study: Resource
 Management of Wairarapa Moana”
Advisors: Bethel Eddy, Robert Kinicki

FIRST RUNNER-UP :
 Edward Dring, Victoria Johnson, Jacob Maalouf:
 “Improving Healthcare Coordination in the
 Mandi District”
Advisors: Stephen McCauley, Ingrid Shockey

FINALISTS:

LISTED IN NO PARTICULAR ORDER

Irene Belval, Naumilda Como, Cameron Jones,
 Conrad Ruiz, Megan Shannon: “A Case Study in Costa
 Rica: Preventing Violence Against Women: Training
 Resources to Empower the Broadmeadows Community”
Advisors: Holly Keyes Ault, James Hanlan

Everett Baker, Tyler Bennett, James Mosteller,
 John Williams: “Evaluating the Need for a Consumer-
 Focused Smoke Alarm Performance System”
Advisors: Fred Looft, Brigitte Servatius

Cara Berezna, Bryce Kaw-Uh, Benjamin Parent,
 Catherine Souza: “Examining the Development of
 Nature-Urban Routes in San José, Costa Rica”
Advisors: Melissa Belz, Derren Rosbach

PROVOST’S MQP AWARDS

ACTUARIAL MATHEMATICS
 Siro Fritzmann, Elizabeth Hansen, Amber Munderville,
 Michael Sullivan, Tyler Turchiarelli: “Projecting the
 Ultimate Loss of Catastrophic Event”
Advisors: Jon Abraham, Barry Posterro

AEROSPACE ENGINEERING
 Dong Hyun Ko, Steven Laudage, Matthew Murphy,
 Daniel Pelgrift, Samuel Young: “Design and Analysis of
 the Sphinx-NG CubeSat (III)”
Advisor: John Blandino

ARCHITECTURAL ENGINEERING
 Ysabel Espinal, Ismael Nowick, Leanne Sickles:
 “Evaluation of a Solar Water Heating System for Zero
 Energy Design”
Advisors: Ali Fallahi, Steven Van Dessel

BIOCHEMISTRY
 Kyle Morrison: “The CRISPR Enzyme Cpf1 as a Tool for
 Gene Regulation”
Advisor: Destin Heilman

BIOINFORMATIONS AND COMPUTATIONAL BIOLOGY
 Max Fine Levine: “Exploring the Effects of Cell Structure
 on Plant Morphology Using Time-Series Microscopy
 and Computer Simulations of Moss Growth”
Advisor: Luis Vidali

BIOLOGY AND BIOTECHNOLOGY
 Jeffrey Letourneau: “The Role of *C. albicans* Secreted
 Aspartyl Proteases (SAPs) in Phagocyte Recognition via
 Pathogen Recognition Receptors (PRRs)”
Advisor: Reeta Rao

BIOMEDICAL ENGINEERING
 Kaitlin Beach, Jack Blanchard, Michael Clark, Nicole
 Quintal, Connor Tower: “Expandable Blades for
 Precision Veterinary Myringotomy”
Advisor: Kristen Billiar

CHEMICAL ENGINEERING
 Weiran “Sasha” Gao: “Synthesis of CsSnBr₃ Bulk
 Crystals and Study of Its Lewis Basicity”
Advisor: Ron Grimm

CHEMISTRY
 Zhehao Zhu “Tailored Synthesis of Bi₂S₃ Thin Film to
 Enhance Optoelectronic Performance”
Advisors: Drew Brodeur, Aaron Deskins, Pratap Rao

CIVIL ENGINEERING
 Anjali Kuchibhatla, Carolina Leguizamón, Maitane
 Sesma: “Structural Bridge Design and Construction
 Traffic Management Plan for the Route 24/140
 Interchange”
Advisors: Leonard Albano, Suzanne LePage

COMPUTER SCIENCE
 Ethan Coeytaux, Cameron Crook, Alexandre Pauwels,
 Hugh Whelan: “5-Axis 3D Printing”
*Advisors: Diran Apelian, George Heineman,
 Craig Putnam, Gabor Sarkozy*

ELECTRICAL AND COMPUTER ENGINEERING
 Amanda Gatz: “Analyzing Computer Architecture of
 Intel Processors for Time Critical Applications”
Advisor: Alexander Wyglinski

ENVIRONMENTAL ENGINEERING

Elizabeth Desjardins, Julia Scott, Ana Valdez:
“Evaluating the Role of Stormwater Treatment Basins in
Controlling Highway Runoff Quality”
Advisors: Suzanne LePage, Paul Mathisen

FOISIE SCHOOL OF BUSINESS

Camila Dias, Lin Jiang, Elizabeth Karpinski: “Improving
Student Placement in IQP Centers via Preference
Matching”
Advisor: Andrew Trapp

HUMANITIES

Elizabeth Thompson: “What’s Bugging Me about
Literary Translation: Translating German to English”
Advisor: Ulrike Brisson

INTERACTIVE MEDIA AND GAME DEVELOPMENT

August Beers, Nicholas Chaput, Connor Mattson,
Connor Thornberg, Jie Weng: “VELUM: A 3D Puzzle
Game and Facial Analysis Study”
Advisors: Brian Moriarty, Ralph Sutter, Jacob Whitehill

INTERNATIONAL STUDIES

Bryce Kaw-uh: “Feasibility of Digitizing LEI Evaluations
with an Internationalized ASSISTments”
Advisors: Aarti Madan, Neil Heffernan

MATHEMATICAL SCIENCES

Natalie Wellen: “Modeling Over the Counter Derivative
Trading With and Without Central Clearing Parties”
Advisor: Stephan Sturm

MECHANICAL ENGINEERING

Tyler Chaulk, Rodrigo Rivas, Ann Votta, Jacob
Wennersten: “Humanoid Stereoscopic Vision System”
Advisors: Holly Ault, Cagdas Onal

Natalie Diltz, Julie Gagnon, Jacqueline O’Connor, Jessica
Wedell: “Vortex-Induced Vibration Energy Harvesting
Through Piezoelectric Transducers”
Advisor: Brian Savilonis

PROFESSIONAL WRITING

Abbigail Nack: “Dust-Covered Operations and
Maintenance Manuals: Why O&M Manuals for
Wastewater Treatment Facilities Rarely Meet Operators’
Needs”
*Advisors: Stephen Kmiotek, Suzanne LePage,
Ryan Madan*

PHYSICS

Christopher Pierce: “Removal of Accidental Degeneracy
in Cubic Quantum Dots”
Advisor: Ramdas Ram-Mohan

ROBOTICS ENGINEERING

Nicholas Cyganski, Benjamin Gillette, Killian Henson,
Keshuai Xu: “The Autonomous Cargo Aircraft Project
(ACAP)”
Advisors: Michael Ciaraldi, Fred Looft

SOCIAL SCIENCE AND POLICY STUDIES

Rebecca Burns: “Gender-Based Differences in
Amyotrophic Lateral Sclerosis and Parkinson’s Disease
Expression in *C. Elegans*”
Advisor: Jeanine Skorinko



BOYNTON HALL AND WASHBURN SHOPS

Completed in 1868, WPI's first building is named for John Boynton, a prosperous tinware manufacturer who founded the Institute in 1865 with a gift of \$100,000. Boynton Hall was one of the first buildings designed by noted architect Stephen Earle and was constructed of granite obtained from local quarries. The building originally housed classrooms and labs, where students learned the theory of science and engineering; they applied that theory next door in the Washburn Shops. The towers of these two buildings now symbolize WPI's unique philosophy of education, the merger of theory and practice.

COMMENCEMENT SPEAKERS

2016	Reshma Saujani	1966	Augustus B. Kinzel	1918	Spencer Miller '79
2015	Bernard A. Harris Jr.	1965	Edward W. Brooke	1917	Leo H. Baekeland
2014	Bernard Amadei	1964	Leonard Carmichael	1916	Austin M. Knight
2013	Eric S. Lander	1963	H. Ladd Plumley	1915	Richard C. Maclaurin
2012	Roger W. Ferguson Jr.	1962	Julius Seelye Bixler	1914	Mortimer E. Cooley
2011	Rex W. Tillerson	1961	Carlos P. Romulo	1913	Ira N. Hollis
2010	Curtis M. Schilling	1960	James R. Killian Jr.	1912	Frederick P. Fish
2009	Ursula M. Burns	1959	Frederick Andrew Seaton	1911	William T. Sedgwick
2008	Jeffrey R. Immelt	1958	Marshall Bertrand Dalton	1910	Ira N. Hollis
2007	Deborah Dunsire	1957	Carter Lane Burgess	1909	James Pierpont '86
2006	Curtis R. Carlson '64	1956	John C. Warner	1908	James Logan
2005	Ray Kurzweil	1955	Clarence H. Linder	1907	Charles F. Scott
2004	Robert P. Moses	1954	Charles F. Kettering	1906	Charles G. Washburn
2003	Ellen Ochoa	1953	Ray A. Moncrieff	1905	Robert Fletcher
2002	Dean Kamen '73	1952	John Davis Lodge	1904	Ira Remsen
2001	Henry B. Schacht	1951	Joel E. Harrell	1903	O. H. Tittmann
2000	C. Michael Armstrong	1950	Leverett Saltonstall	1902	John K. Rees
1999	Eric Hahn '80	1949	Arthur Stanton Adams	1901	Nathaniel S. Shaler
1998	Ronald L. Zarrella '71	1948	Raymond A. Spruance	1900	Edward S. Morse
1997	R. Nicholas Burns	1947	J. Lester Perry	1899	John R. Procter
1996	Norman C. Augustine	1946	Eugene E. Wilson	1898	H. S. Pritchett
1995	Kathryn C. Thornton	1946	Karl T. Compton	1897	Roger Wolcott
1994	Paul A. Allaire '60	1945	Ira Mosher	1897	G. Stanley Hall
1993	Cornelius J. Pings	1944	Robert Theobald	1896	Stephen Salisbury
1992	Robert D. Ballard	1944	Randall Jacobs	1896	Roger Wolcott
1991	Frank Newman	1943	William Mather Lewis	1895	Frederick T. Greenhalge
1990	Lester C. Thurow	1942	George H. Blakeslee	1894	Homer T. Fuller
1989	Ralph E. Gomory	1941	Harry G. Stoddard	1893	None
1988	Leo J. Thomas Jr.	1940	Charles Francis Adams	1892	A. W. Greeley
1987	Robert C. Stempel '55	1939	Bruce Barton	1891	Francis A. Walker
1986	Richard W. Lyman	1938	William F. Durand	1890	Woodrow Wilson
1985	Robert E. Tranquada	1937	Josephus Daniels	1889	J. W. Powell
1984	John Lott Brown '46	1936	Bancroft Gherardi	1888	George H. Williams
1983	Harry J. Gray	1935	Charles R. Gow	1887	Robert H. Thurston
1982	Howard Thomas Markey	1934	Channing H. Cox	1886	Birdsey G. Northrop
1981	Melvin Kranzberg	1933	Homer L. Ferguson	1885	Daniel C. Gilman
1980	Paul MacCready Jr.	1932	John T. Donovan '82	1884	Eustace C. Fitz
1979	John D. deButts	1931	Samuel M. Vauclain	1883	Homer T. Fuller
1978	George W. Hazzard	1930	Robert I. Rees	1882	Alexander McKenzie
1977	Jean P. Mayer	1929	William H. Hobbs	1881	William R. Ware
1976	Carroll L. Wilson	1928	E. B. Craft	1880	Joshua L. Chamberlain
1975	Kenneth E. Boulding	1927	William E. Wickenden	1879	Rossiter W. Raymond
1974	Elliot Lee Richardson	1926	John E. Aldred	1878	George S. Boutwell
1973	Glenn W. Ferguson	1925	Ralph Earle	1877	Paul A. Chadbourne
1972	James F. Danielli	1924	George F. Swain	1876	Francis A. March
1971	Alvin M. Weinberg	1923	Benjamin O. Johnson '00	1875	Thomas Hill
1970	Thomas O. Paine	1922	Frank Farnum Dresser	1874	Josiah P. Cook
1969	Daniel J. Evans	1921	Everett J. Lake	1873	Emory Washburn
1968	Maxwell D. Taylor	1920	G. Stanley Hall	1872	Andrew P. Peabody
1967	Antonie T. Knoppers	1919	Franklin D. Roosevelt	1871	William Trowbridge

THE CEREMONY AND ACADEMIC COSTUME

Today's Commencement exercises are a modern recreation of a ceremony that dates back to the Middle Ages. The pageantry of the academic procession and of the degree-granting ceremony, and the dignity and color of the academic gowns, are a reminder of the long tradition of the college.

Each degree recipient at WPI receives his or her diploma individually from the president. Those who have earned the degree of doctor of philosophy, the highest academic degree awarded by any university, also receive a hood symbolizing his or her achievement, presented by the faculty member who has sponsored the candidate.

The academic costume—caps and gowns and hoods—worn today is particularly striking, for Commencement is one of the few occasions in the United States at which academic dress is worn. Until recently, students and faculty at English colleges and universities wore their gowns in class, in university dining halls, and at all official occasions.

Academic dress originated in medieval costume. At the time when universities first came into being, in the 12th century, everyone wore gowns (that is, long, full-flowing robes) to help keep warm in unheated buildings. There were, of course, considerable differences in elegance and style between the extremes of the social and economic scales, and in many cases the king decreed just who could wear what.

Over the gown would often be worn a cloak (usually with a cowl or hood attached), just as we wear coats today. The origin of the cap is more obscure. The “mortarboard” cap usually worn today seems to have been introduced at Oxford University sometime in or before the 17th century.

The gown soon fell out of fashion with the general public, but it remained a distinctive part of the scholars' wardrobe, serving to set them apart from the rest of the community—hence the perennial controversy between “town and gown.” Until after the Civil War, students at most U.S. universities wore caps and gowns daily while in residence. Designs varied until they were standardized by the American Intercollegiate Commission in 1894.

At that time it was decided that all robes would be black—bachelors' gowns to be made of worsted stuff with pointed sleeves, masters' gowns of silk with long, closed sleeves, doctors' gowns of silk with longer sleeves and faced with black velvet from hem to neck and back. They also carried three velvet bands around each sleeve about the elbow. Hoods were made of the same material as the gowns, the length varying with the degree. The lining of the hood indicated the university by its colors. The border of the hood indicated the academic discipline in which the degree was earned, as listed below:

Agriculture	Maize
Arts, Letters, Humanities	White
Commerce, Accountancy, Business	Light Brown
Dentistry	Lilac
Economics	Copper
Education	Light Blue
Engineering	Orange
Fine Arts, including Architecture	Brown
Forestry	Russet
Journalism	Crimson
Law	Purple
Library Science	Lemon
Medicine	Green
Music	Pink
Nursing	Apricot
Oratory (Speech)	Silver Gray
Pharmacy	Olive Green
Philosophy	Dark Blue
Physical Education	Sage Green
Public Administration (including Foreign Service). ..	Peacock Blue
Public Health	Salmon Pink
Science	Golden Yellow
Social Work	Citron
Theology	Scarlet
Veterinary Science	Gray

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