The One Hundred Forty-Ninth
COMMENCEMENT

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
Full details on page 4

Call to Order     Jack T. Mollen
Chairman, WPI Board of Trustees

National Anthem     The audience is invited to join in the singing

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

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. Totaling 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 recessional. 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.
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 distinctive 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.
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.
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 Chiaramonte  
*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*  
*Awarded October 7, 2016*

Gregory A. Kasper  
*Biology and Biotechnology*

Zahra Salem Hameka 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  
*Biology and Biotechnology*

Shelby Megan McQueston  
*Biology and Biotechnology*

David Michael Morgan  
*Biology and Biotechnology*  
*Awarded February 24, 2017*

Doreet Nagatti  
*Biology and Biotechnology*  
*Awarded February 24, 2017*

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 Coddington  
*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

Alexander JianSheng Hu  
*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

Barry D. Biletch  
Computer Science  
Awarded October 7, 2016

Joseph Charles Travis Blackman  
Computer Science  
Minor in Mathematics

Dmytro Bogatov  
Computer Science  
Minor in Economics  
Awarded February 24, 2017

Nicholas Schoneweg Bradford  
Computer Science  
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 Doni  
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

Yuqiang 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  
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  

Dongjie Wang  
Interactive Media and Game Development  

Jie Weng  
Interactive Media and Game Development  

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*

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*

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*Biomedical Engineering*

Sean Brian Fallon  
*Biomedical Engineering*

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*Biomedical Engineering  
Mechanical Engineering*

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*Biomedical Engineering*

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*Biomedical Engineering*

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*Biomedical Engineering  
Minor in Computer Science  
Minor in Spanish*

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*Biomedical Engineering*

Taylor Frances Flaxington  
*Biomedical Engineering*

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Minor in Business*

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*Biomedical Engineering*

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Lubna Ali Hassan  
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*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  
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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 François 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

Elizabet C. Walfeld  
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

Ryan 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
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree, Minor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allison Lynn Marx</td>
<td>Chemical Engineering, Minor in Materials</td>
</tr>
<tr>
<td>Jena Morgan Mazzucco</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Caroline Mary Medino</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Matthew Michaels</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Matthew J. Morais</td>
<td>Chemical Engineering, Minor in Nanoscience</td>
</tr>
<tr>
<td>Daniel Jonah Mortimer</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Jack Jay-Normand Murphy</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Sarah Muse</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Abigail Hawkins Nack</td>
<td>Chemical Engineering, Environmental Professional Writing</td>
</tr>
<tr>
<td>Jacquelyn Nassar</td>
<td>Chemical Engineering, Minor in Materials</td>
</tr>
<tr>
<td>Clyde-Blaise Niba</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Logan Kent Dragonetti Nichols</td>
<td>Chemical Engineering, Minor in Materials</td>
</tr>
<tr>
<td>Tess Elisabeth Nogueira</td>
<td>Chemical Engineering with Environmental</td>
</tr>
<tr>
<td>Jenna Adrienne O’Connell</td>
<td>Chemical Engineering, Minor in History</td>
</tr>
<tr>
<td>Omar G. Olortegui</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Nicole Marie Packard</td>
<td>Chemical Engineering, Minor in Materials</td>
</tr>
<tr>
<td>Christian Peguero</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Matthew Shaun Portugal</td>
<td>Chemical Engineering, Minor in Business, Minor in Entrepreneurship</td>
</tr>
<tr>
<td>Brian Edward Praetorius</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Anya Katerina Prevallet-Kinstle</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Jennifer Quigley</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Shaelyn Marie Quinn</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Kelly Rapoza</td>
<td>Chemical Engineering, Minor in Materials</td>
</tr>
<tr>
<td>Lynn Rebecca Renner</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Susan Marie Ross</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Alexandra Marie Rozen</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Hope Dakaille Shevchuk</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Benjamin Harrison Small</td>
<td>Chemical Engineering, Minor in Biochemistry</td>
</tr>
<tr>
<td>Arianna Luz Smith</td>
<td>Chemical Engineering, Minor in Materials</td>
</tr>
<tr>
<td>Brian Joseph Splaine</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Eric Christopher Stolz</td>
<td>Chemical Engineering, Minor in Business</td>
</tr>
<tr>
<td>Ellen Thomson</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>John Hutcheon Tofuri</td>
<td>Chemical Engineering, Minor in Spanish</td>
</tr>
<tr>
<td>Isaac Henry Vrooman</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Shawn Devin Wile</td>
<td>Chemical Engineering, Minor in Music</td>
</tr>
<tr>
<td>Christopher John Xavier</td>
<td>Chemical Engineering, Minor in Business</td>
</tr>
<tr>
<td>Huilin Yang</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Edan Mandy Zhang</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Zhehao Zhu</td>
<td>Chemical Engineering, Chemistry</td>
</tr>
<tr>
<td>Cory Spencer Adams</td>
<td>Civil Engineering, Awarded February 24, 2017</td>
</tr>
<tr>
<td>Liliana Cristina Almonte</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Rania Attalla</td>
<td>Civil Engineering, Awarded February 24, 2017</td>
</tr>
<tr>
<td>Cara Jean Bereznai</td>
<td>Environmental Engineering, Minor in Spanish</td>
</tr>
<tr>
<td>Alexander Bosworth</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Michael Bowen</td>
<td>Environmental Engineering, Awarded October 7, 2016</td>
</tr>
<tr>
<td>Caitlin Sara Burner</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Geneva Gomes Cabral</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Sarah Danielle Campos</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Ryan Cavanaugh</td>
<td>Civil Engineering</td>
</tr>
</tbody>
</table>
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 Doskocil  
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 Krayer  
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

Ismail 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  

Kevin Andrew Van Wormer  
Civil Engineering  

Edward Burnham  
Electrical and Computer Engineering  

Victoria Lynn Simpson  
Civil Engineering  

Sonia Andrea Zarate  
Civil Engineering  

Jacqueline Paige Campbell  
Electrical and Computer Engineering  

Talia Pearl Solomon  
Environmental Engineering  

Christopher Joseph Zmuda  
Civil Engineering  

Kyle James Cederberg  
Environmental Engineering  

Minor in Spanish  

Minor in International and Global Studies  

Serena Melissa Soltero  
Civil Engineering  

Daniel R. Stomski  
Civil Engineering  

Eric Cheng  
Civil Engineering  

Alexis Marie Sturgis  
Environmental Engineering  

Electrical and Computer Engineering  

Minor in International and Global Studies  

Awards February 24, 2017  

Ryan Joseph Sullivan  
Civil Engineering  

Abbey Leigh Teliska  
Civil Engineering  

Yejee Choi  
Civil Engineering  

Steven William Thulin  
Civil Engineering  

Nicholas Anthony Comei  
Civil Engineering  

Cassandra Lynn Tomerlin  
Architectural Engineering  

Christopher John Connor Jr.  
Civil Engineering  

Marc Charles Toomajian  
Architectural Engineering  

Minor in History  

Meghan Elise Trahan  
Environmental Engineering  

Awards February 24, 2017  

Minor in Sustainability Engineering  

Matthew Philip Barreiro  
Electrical and Computer Engineering  

Gabriela de Peralta  
Electrical and Computer Engineering  

Minor in English  

Minor in Computer Science  

Gisele Cristina Trivino  
Environmental Engineering  

Alexander Ronald Dymek  
Electrical and Computer Engineering  

Minor in Chemical Engineering  

Awarded October 7, 2016  

Michael John Vaikunnas  
Civil Engineering  

Kevin Chenery Farr Jr.  
Civil Engineering  

Minor in Business  

Awarded February 24, 2017  

Anna Isabella Valdez  
Environmental Engineering  

Erin Elizabeth Ferguson  
Civil Engineering  

Tyler John Van Nostrand  
Environmental Engineering  

Calvin Leon Figureo-Supraner  
Electrical and Computer Engineering  

Adam Henry Weiss  
Environmental Engineering  

Robert Howard Fleming  
Electrical and Computer Engineering  

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 Irivinti Jaya Mahalingam  
*Electrical and Computer Engineering*  
Minor in Interactive Media and Game Development

Sagar Mahrurkar  
*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
<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Major/Minor Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Michael Perry</td>
<td>Electrical and Computer Engineering</td>
<td></td>
</tr>
<tr>
<td>Kyle Drew Piette</td>
<td>Electrical and Computer Engineering</td>
<td>Awarded February 24, 2017</td>
</tr>
<tr>
<td>Vishal Kumar Rathi</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Computer Science</td>
</tr>
<tr>
<td>Anthony Henry Rate</td>
<td>Electrical and Computer Engineering</td>
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<tr>
<td>Savannah Nicolle Redetzke</td>
<td>Electrical and Computer Engineering</td>
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<td>Andrew William Reyburn</td>
<td>Electrical and Computer Engineering</td>
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<tr>
<td>Maria Ines Rios Martinez</td>
<td>Electrical and Computer Engineering</td>
<td></td>
</tr>
<tr>
<td>Jonas Rogers</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Computer Science</td>
</tr>
<tr>
<td>Corin Marshall Rypkema</td>
<td>Electrical and Computer Engineering</td>
<td></td>
</tr>
<tr>
<td>Roger Andrew Agana Santos</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Social Entrepreneurship and Minor in Computer Science</td>
</tr>
<tr>
<td>Raphael Sarkar</td>
<td>Electrical and Computer Engineering</td>
<td></td>
</tr>
<tr>
<td>Bryan Jacob Sellers</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Business</td>
</tr>
<tr>
<td>Sonam Sherpa</td>
<td>Electrical and Computer Engineering</td>
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</tr>
<tr>
<td>Samuel Myer Shurberg</td>
<td>Electrical and Computer Engineering</td>
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</tr>
<tr>
<td>Oliver Simon</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Computer Science</td>
</tr>
<tr>
<td>Ioannis Skourtis</td>
<td>Electrical and Computer Engineering</td>
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<tr>
<td>Steven Richard Souto</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Computer Science</td>
</tr>
<tr>
<td>Julia Jadwiga Szemiot</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Materials</td>
</tr>
<tr>
<td>Zilu Tian</td>
<td>Electrical and Computer Engineering</td>
<td>Mathematical Sciences</td>
</tr>
<tr>
<td>Anh Le Tran</td>
<td>Electrical and Computer Engineering</td>
<td></td>
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<tr>
<td>Thai Thanh Trinh</td>
<td>Electrical and Computer Engineering</td>
<td>Biomedical Engineering</td>
</tr>
<tr>
<td>Romuald Valme</td>
<td>Electrical and Computer Engineering</td>
<td>Awarded February 24, 2017</td>
</tr>
<tr>
<td>Andrew Vanner</td>
<td>Electrical and Computer Engineering</td>
<td></td>
</tr>
<tr>
<td>Giselle Lucia Verbera</td>
<td>Electrical and Computer Engineering</td>
<td>Minor in Environmental and Sustainability Studies</td>
</tr>
<tr>
<td>Jamie Wang</td>
<td>Electrical and Computer Engineering</td>
<td>Awarded February 24, 2017</td>
</tr>
<tr>
<td>Sean Alexander Watson</td>
<td>Electrical and Computer Engineering</td>
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</tr>
<tr>
<td>John Vincent Williams</td>
<td>Electrical and Computer Engineering</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Htay Aung Win</td>
<td>Electrical and Computer Engineering</td>
<td></td>
</tr>
<tr>
<td>Mariya Mikhailovna Zagalskaya</td>
<td>Electrical and Computer Engineering</td>
<td>Awarded February 24, 2017</td>
</tr>
<tr>
<td>MECHANICAL ENGINEERING DEPARTMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bryan John Adie</td>
<td>Aerospace Engineering</td>
<td></td>
</tr>
<tr>
<td>Corey Alicchio</td>
<td>Mechanical Engineering with Mechanical Design</td>
<td></td>
</tr>
<tr>
<td>Joseph Alejandro Alvarado</td>
<td>Mechanical Engineering</td>
<td>Minor in Electrical and Computer Engineering</td>
</tr>
<tr>
<td>Lindsey Andrews</td>
<td>Mechanical Engineering with Biomechanical</td>
<td></td>
</tr>
<tr>
<td>Perry Joseph Ascani</td>
<td>Mechanical Engineering</td>
<td>Minor in Aerospace Engineering</td>
</tr>
<tr>
<td>Jon Joseba Barruetabeña</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Andrew James Bauer</td>
<td>Mechanical Engineering</td>
<td></td>
</tr>
<tr>
<td>Kaitlin Beach</td>
<td>Mechanical Engineering with Biomechanical</td>
<td>Minor in Biology</td>
</tr>
<tr>
<td>Christopher Earle Beauchemin</td>
<td>Mechanical Engineering</td>
<td>Awarded February 24, 2017</td>
</tr>
<tr>
<td>Alex Beaudoin</td>
<td>Mechanical Engineering</td>
<td>Minor in Materials</td>
</tr>
<tr>
<td>Michael Albert Beinor</td>
<td>Mechanical Engineering with Mechanical Design</td>
<td>Minor in Materials</td>
</tr>
<tr>
<td>Penelope Belliard-Urena</td>
<td>Mechanical Engineering</td>
<td></td>
</tr>
<tr>
<td>Zachary Belohoubek</td>
<td>Mechanical Engineering</td>
<td>Minor in Business</td>
</tr>
</tbody>
</table>
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

Junxion Han  
Mechanical Engineering

Mengxi Han  
Mechanical Engineering

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

Jarrod 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 Rheaume
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 Selmair
Mechanical Engineering

Yifan Shao
Mechanical Engineering

Tara Jean Sharp
Mechanical Engineering with
Materials Science and Engineering

Michael Ernest Sheahan
Mechanical Engineering

Sabrin 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

Artur 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
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-Bellos  
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 Geiger  
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 Pourmasoum 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

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

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

Saeed Pourmasoum 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

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  
*BS, 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, Yıldız 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: Édward 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  
Awarded: February 24, 2017

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  
MATHEMATICS SCIENCE AND ENGINEERING—“Synthesis of Aluminum-Titanium Carbide Composites by the Rotating Impellar Gas-Liquid In-situ Method”  
Advisor: Makhloof Makhloof  
Awarded: October 7, 2016

Aaron Marc Birt  
BS, Lafayette College; MS, Worcester Polytechnic Institute  
MATHEMATICS 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  
MATHEMATICS 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—
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—
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 SpangenbergIII
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
Awarded October 7, 2016

William Robert Disanto
Computer Science
Awarded February 24, 2017

Lin Du
Computer Science
Awarded February 24, 2017

James Michael Forkey
Computer Science
Awarded October 7, 2016

Zhongyuan Fu
Computer Science
Awarded February 24, 2017

Yifei Gao
Computer Science

Marc Evan Green Jr.
Computer Science
Awarded February 24, 2017

Thomas William Grimshaw
Computer Science
Awarded February 24, 2017

Rafi H. Hayne
Computer Science
Awarded October 7, 2016

Theresa Kathryn Inzerillo
Computer Science

Tengyang Jia
Computer Science

Aniket Prafulla Kadam
Computer Science

Vsevolod Khibkin
Computer Science

Caitlin Anne Kuhlman
Computer Science
Awarded February 24, 2017

Qian Lu
Computer Science
Awarded February 24, 2017

Neha Satish Mahajan
Computer Science
Awarded February 24, 2017

Benjamin John McMorran
Computer Science

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
Awarded October 7, 2016

Arun Vadivel
Computer Science

Tuan Quang Vu
Computer Science

Shi Wang
Computer Science

Kuang Xiong
Computer Science

Fan Yang
Computer Science

Libin Yang
Computer Science

Mei Yang
Computer Science

Zhaojun Yang
Computer Science
Chengle Zhang
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 Familia
Data Science

Shaowei Gong
Data Science

Qiuyi Hong
Data Science

Muyeedul Hoque
Data Science

Xiang Huang
Data Science

Saber Jahanpour
Data Science
Awarded February 24, 2017

Shijie Jiang
Data Science

Yi Jiang
Data Science

Zhenhua Li
Data Science

Haiyan Liang
Data Science

Yuting Liang
Data Science

Caidan Liu
Data Science

Duanduan Liu
Data Science

Jiaqi Liu
Data Science

Zhiyuan Liu
Data Science

Yanran Ma
Data Science

Thomas Francis Meagher II
Data Science

Neehar S. Mukne
Data Science

Nikita Mutta
Data Science
Awarded February 24, 2017

Qianchao Nie
Data Science

Zheng Nie
Data Science

Mu Niu
Data Science

Qijie Pan
Data Science
Awarded October 7, 2016

Amogh Raghunath
Data Science

Zhongzheng Shu
Data Science

Harsh Vardhan Singh Gaur
Data Science
Awarded February 24, 2017

Feiyi Wang
Data Science

Qian Wang
Data Science

Guojun Wu
Data Science

Huan Ye
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 Chokchaisrikdee
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
Awarded February 24, 2017
Xiangyu Huang
Financial Mathematics
Joshua Elijah Keller
Industrial Mathematics
Brian Gary Kodalen
Applied Mathematics
Nan Li
Applied Statistics
Awarded February 24, 2017
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
Robert 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
Awarded October 7, 2016
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
<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Field</th>
<th>Award Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthew Alexander Babina</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>February 24, 2017</td>
</tr>
<tr>
<td>Stefano Berti Pérez</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>February 24, 2017</td>
</tr>
<tr>
<td>Collette Madeline Bora</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Luciano Pablo Bortolin</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Kailey J. Castellano</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Michael Raymond Day</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Stephanie R. Fariello</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Connor Michael Haley</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>José Miguel Lázaro Guevara</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Vivian Liang</td>
<td>Biomedical Engineering</td>
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<td>October 7, 2016</td>
</tr>
<tr>
<td>Kayla Patricia Manzi</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
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<tr>
<td>William Dao Ethan Noiles Gardner</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Kimberly Joy Ornell</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Kathryn Elisabeth Partridge</td>
<td>Biomedical Engineering</td>
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<td>October 7, 2016</td>
</tr>
<tr>
<td>Luke Roger Perreault</td>
<td>Biomedical Engineering</td>
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<tr>
<td>Jessica Meredith Sacks</td>
<td>Biomedical Engineering</td>
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<tr>
<td>Zachary Eugene Sellman</td>
<td>Biomedical Engineering</td>
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<td>Sarah Ann Sisson</td>
<td>Biomedical Engineering</td>
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<tr>
<td>Brian James Sokoloff</td>
<td>Biomedical Engineering</td>
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</tr>
<tr>
<td>Julie Anne Tevenan</td>
<td>Biomedical Engineering</td>
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<td>October 7, 2016</td>
</tr>
<tr>
<td>Nicholas Patrick Musselman Trabucco</td>
<td>Biomedical Engineering</td>
<td>Biomedical Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Tyler Trettel Howard</td>
<td>Chemical Engineering</td>
<td>Chemical Engineering</td>
<td>February 24, 2017</td>
</tr>
<tr>
<td>Alexander Nicholas Piscione Korpacz</td>
<td>Chemical Engineering</td>
<td>Chemical Engineering</td>
<td>February 24, 2017</td>
</tr>
<tr>
<td>Zijian Ma</td>
<td>Chemical Engineering</td>
<td>Chemical Engineering</td>
<td>February 24, 2017</td>
</tr>
<tr>
<td>Zhengyang Yang</td>
<td>Chemical Engineering</td>
<td>Chemical Engineering</td>
<td>February 24, 2017</td>
</tr>
<tr>
<td>Ekaterina Dimitrova Atanasova</td>
<td>Civil Engineering</td>
<td>Civil Engineering</td>
<td>February 24, 2017</td>
</tr>
<tr>
<td>Eilish Christine Corey</td>
<td>Environmental Engineering</td>
<td>Environmental Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Xinwen Xu</td>
<td>Environmental Engineering</td>
<td>Environmental Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Milad Zabeti Targhi</td>
<td>Civil Engineering</td>
<td>Civil Engineering</td>
<td>October 7, 2016</td>
</tr>
<tr>
<td>Yitong Zhao</td>
<td>Civil Engineering</td>
<td>Civil Engineering</td>
<td>October 7, 2016</td>
</tr>
</tbody>
</table>
ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT

André Michel Ajami  
*Systems Engineering*  
Awarded February 24, 2017

Matthew Wallace Atwood  
*Systems Engineering*  
Awarded February 24, 2017

LauraLee Austin  
*Electrical and Computer Engineering*  
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Matthew Wallace Atwood  
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Zubair Ahmed Baig  
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Vanith Kumari Chandura Biddappa  
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Justin David Dietz  
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Isaac John Sarnecki  
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Devdip Sen  
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Sugandha Sharma Echeverria  
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*Power Systems Engineering*  
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Andrew Peter Simmons  
*Power Systems Engineering*  
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*Power Systems Engineering*  
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Shihan Tian  
*Electrical and Computer Engineering*  

Ye Tian  
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*Systems Engineering*  
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Preston Bryant Tischer  
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Brian Michael Tomaselli  
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Mason Philip Tremblay  
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Wei Wei  
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Sarah Elizabeth Woughter  
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Qihang Wu  
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Han Yang  
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Yaofei Yang  
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Jiulang Ying  
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Kevin Zacchera  
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*Power Systems Engineering*  
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Tony Zhang  
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Dezhi Zhao  
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Huan Zhao  
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Yufei Zheng  
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Xiangchen Zhu  
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David Scott Ziegenfuss  
*Electrical and Computer Engineering*  

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**FIRE PROTECTION ENGINEERING DEPARTMENT**

Rebecca Mae Barolli  
*Fire Protection Engineering*  
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Jaclyn Grace Bouvier  
*Fire Protection Engineering*  
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Emily Grace Brecher  
*Fire Protection Engineering*  
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Ronald Eric Brewer  
*Fire Protection Engineering*  

John Edward Caliri Jr.  
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Anthony Michael Campanella Jr.  
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Anthony Mario Capuano  
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Sumeet Kaur Chani  
*Fire Protection Engineering*  
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Steven Kyle Dupre  
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Samuel Vaughn Flibbert  
*Fire Protection Engineering*  

Matthew Wheelock Foley  
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Connor Patrick Gillespie  
*Fire Protection Engineering*  
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Meghan Elizabeth Goodwin  
*Fire Protection Engineering*  

Victoria Alecia Grimes  
*Fire Protection Engineering*  
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Eli Samuel Horden  
*Fire Protection Engineering*  
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Francisco Kang  
*Fire Protection Engineering*  

Camden Michael Knoff  
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Justin Scott Leany  
*Fire Protection Engineering*  
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Qi Li  
*Fire Protection Engineering*  

Stephen Thomas Maglione  
*Fire Protection Engineering*  
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Alexandra Sherman Miller  
*Fire Protection Engineering*  

Jonathan Nicholas Mirabito  
*Fire Protection Engineering*  

Laura Elizabeth Moreno  
*Fire Protection Engineering*  
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Wilfredo Ramos Jr.  
*Fire Protection Engineering*  

Shannon Marie Rice  
*Fire Protection Engineering*  

Samim Safaei Boroojeny  
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Mariah Rose Seaboldt  
*Fire Protection Engineering*  
Awarded October 7, 2016

Jennifer Ellen Shepherd  
*Fire Protection Engineering*  
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Keith Joseph Sullivan  
*Fire Protection Engineering*  

Christopher Peter Tolentino  
*Fire Protection Engineering*  
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Mai Tomida  
*Fire Protection Engineering*  

Panyawat Tukaew  
*Fire Protection Engineering*  

Sandra Christine Twilley  
*Fire Protection Engineering*  
Awarded February 24, 2017

Kristina Zichelli  
*Fire Protection Engineering*  
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**MECHANICAL ENGINEERING DEPARTMENT**

Christian Anthony Acosta  
*Mechanical Engineering*  

Robert Joseph Aguece  
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HAIDAR AL HADDAD  
*Mechanical Engineering*  
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Gillian N. Allsup  
*Mechanical Engineering*  
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Mustafa Shaker Alshaikh  
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Benjamin Matthew Andrews  
*Aerospace Engineering*  

Mica Anglin  
*Aerospace Engineering*  

Shivaprasad Arava  
*Mechanical Engineering*  
Awarded October 7, 2016

Muhammad Kashif Azeem  
*Mechanical Engineering*  
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David Barger  
*Manufacturing Engineering*  

Michael Robert Barney  
*Manufacturing Engineering*  

Andrew James Bauer  
*Mechanical Engineering*  

Lee Edward Bouldin  
*Manufacturing Engineering*  

44
Casey Joseph Broslawski  
*Mechanical Engineering*

Nicholas Gary Burnell  
*Mechanical Engineering*  
Awarded February 24, 2017

Eleanore Mary Carson  
*Mechanical Engineering*

Andrew M. Cass  
*Mechanical Engineering*  
Awarded February 24, 2017

Melissa Meg Castaneda  
*Mechanical Engineering*  
Awarded February 24, 2017

Sumeet Kaur Chani  
*Mechanical Engineering*  
Awarded February 24, 2017

Kefan Chen  
*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*  
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Joshua Wayne Curto  
*MATERIALS SCIENCE AND ENGINEERING*  

Tobin James Dancy  
*Mechanical Engineering*  
Awarded February 24, 2017

Christopher Darling  
*Mechanical Engineering*  
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Gabriel Demeneghi Ludke  
*MATERIALS SCIENCE AND ENGINEERING*  

Mikaela Ann DeRousseau  
*MATERIALS SCIENCE AND ENGINEERING*  
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Peter Nicholas DiMaggio  
*Mechanical Engineering*

Carlo Neil Cruz Domaoan  
*MATERIALS SCIENCE AND ENGINEERING*  

Ricardo Jose DosSantos  
*MATERIALS SCIENCE AND ENGINEERING*  

Alexander Paul Draper  
*Mechanical Engineering*

Dylan Isaac Dziuba  
*Mechanical Engineering*  
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Andrew Curtiss Egger  
*MATERIALS SCIENCE AND ENGINEERING*  

Jaime Elisabeth Espinola  
*Mechanical Engineering*

Eric Christopher Falor  
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Nicholas Andrew Fast  
*Mechanical Engineering*  
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Timothy John Fekete Jr.  
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Yang Feng  
*MATERIALS SCIENCE AND ENGINEERING*  

Jason P. Ferrante  
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Kyle Leigh Fitzpatrick-Schmidt  
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Frances Julian Gonzalez  
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Sean Russell Greene  
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Matthew Ryan Haley  
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*Mechanical Engineering*  
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Jeffrey Daniel Lopes  
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*Materials Science and Engineering*

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Caicai Ye  
*Materials Science and Engineering*

Sheng Ye  
*Materials Science and Engineering*

Qing Yin  
*Materials Science and Engineering*

Christian Alexis Zelaya  
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Shuxin Zheng  
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**POWER SYSTEMS MANAGEMENT PROGRAM**

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*Power Systems Management*

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Justin Patrick Preece  
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*Power Systems Management*  
Awarded October 7, 2016

Jordan Hans Shenk  
*Power Systems Management*  
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*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  
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Renato Girardi Gasoto  
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Colin Michael Gladding  
*Robotics Engineering*

Ari Benjamin Goodman  
*Robotics Engineering*

Chinmay Vithoba Harmalkar  
*Robotics Engineering*

Raye 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

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Awarded February 24, 2017

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Robotics Engineering

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Kunal Ratiram Patil  
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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

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Robotics Engineering

Nuttaworn Sujumnong  
Robotics Engineering

Dikshya Swain  
Robotics Engineering

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Maryam Mumtaz Abdullah
Management
Awarded October 7, 2016

Ryan J. Adams
Master of Business Administration
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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

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-Komon  
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

Nitinnarayan 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 Sathiyavageswaran 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 Thekkkekunnel  
*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*

Yi Zhao  
*Operations Analytics and Management*

Ye Zheng  
*Master of Business Administration*  
Awarded February 24, 2017

Yi Zhu  
*Information Technology*

Daniel Leonard Zuber  
*Master of Business Administration*  
Awarded October 7, 2016
A C A D E M I C H O N O R S A N D A W A R D S

S A L I S B U R Y P R I Z E
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.

T W O T O W E R S P R I Z E
Conrad Ruiz, Biomedical Engineering
Gyneth Campbell, Mechanical Engineering / International and Global Studies

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.

S I G M A X I G R A D U A T E R E S E A R C H A W A R D
Anthony Spangenberger, 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.

S I G M A X I U N D E R G R A D U A T E R E S E A R C H A W A R D
Marcel Gietzmann-Sanders: “Constructing Kirchhoff Graphs” Advisor: Joseph Fehribach

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.

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, 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 Djamashi

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

Awards were presented in 2016, unless otherwise noted.
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 Oral

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:

FINALISTS:
LISTED IN NO PARTICULAR ORDER
Irene Belval, Naumilda Comó, 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 Loofi, Brigitte Servatius


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

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

BIOINFORMATIONS AND COMPUTATIONAL BIOLOGY

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 Myringotom” 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

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
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
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

<table>
<thead>
<tr>
<th>Year</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>2016</td>
<td>Reshma Saujani</td>
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<tr>
<td>2015</td>
<td>Bernard A. Harris Jr.</td>
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<tr>
<td>2014</td>
<td>Bernard Amadei</td>
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<tr>
<td>2013</td>
<td>Eric S. Lander</td>
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<tr>
<td>2012</td>
<td>Roger W. Ferguson Jr.</td>
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<tr>
<td>2011</td>
<td>Rex W. Tillerson</td>
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<tr>
<td>2010</td>
<td>Curtis M. Schilling</td>
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<td>2009</td>
<td>Ursula M. Burns</td>
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<td>2008</td>
<td>Jeffrey R. Immelt</td>
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<tr>
<td>2007</td>
<td>Deborah Dunsire</td>
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<tr>
<td>2006</td>
<td>Curtis R. Carlson ’64</td>
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<td>2005</td>
<td>Ray Kurzweil</td>
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<tr>
<td>2004</td>
<td>Robert P. Moses</td>
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<td>2003</td>
<td>Ellen Ochoa</td>
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<td>2002</td>
<td>Dean Kamen ’73</td>
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<td>2001</td>
<td>Henry B. Schacht</td>
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<td>C. Michael Armstrong</td>
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<td>1999</td>
<td>Eric Hahn ’80</td>
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<td>1998</td>
<td>Ronald L. Zarrella ’71</td>
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<td>1997</td>
<td>R. Nicholas Burns</td>
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<td>Norman C. Augustine</td>
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<td>Kathryn C. Thornton</td>
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<td>Paul A. Allaire ’60</td>
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<td>Cornelius J. Pings</td>
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<td>Robert D. Ballard</td>
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<td>Frank Newman</td>
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<td>Lester C. Thurow</td>
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<td>Ralph E. Gomory</td>
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<td>Leo J. Thomas Jr.</td>
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<td>1987</td>
<td>Robert C. Stempel ’55</td>
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<td>Richard W. Lyman</td>
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<td>Robert E. Tranquada</td>
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<td>John Lott Brown ’46</td>
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<td>1983</td>
<td>Harry J. Gray</td>
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<td>Howard Thomas Markey</td>
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<td>Melvin Kranzberg</td>
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<td>1979</td>
<td>John D. deButs</td>
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<td>George W. Hazzard</td>
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<td>Jean P. Mayer</td>
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<td>Carroll L. Wilson</td>
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<td>Elliot Lee Richardson</td>
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<td>James F. Danielli</td>
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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
Dear Worcester Tech, our Worcester Tech, our praises ring to

thee. To Alma Mater good and true, We pledge our loyalty. Long

have we felt thy guiding hand, Thy teachings broad and free. With

praises loud in every land, We'll show our love for thee. 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.

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 reverence 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