



**WPI**

The One Hundred Fiftieth  
C O M M E N C E M E N T

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Undergraduate Ceremony

Ten O'Clock • Saturday  
the Twelfth of May  
Two Thousand Eighteen  
WPI Quadrangle

Worcester Polytechnic Institute



# PROGRAM

Prelude	WPI Brass Ensemble Douglas G. Weeks, Conductor
Processional	Led by the Honorary Marshal <i>Full details begin on page 4</i>
Call to Order	Jack T. Mollen Chairman, WPI Board of Trustees
National Anthem	WPI Chorus Joshua W. Rohde, Conductor <i>The audience is invited to join in the singing</i>
Invocation	Rev. Cheryl Leshay Chaplain, WPI Collegiate Religious Center
Charge from the President	Laurie A. Leshin
Student Remarks	“Nine New Words” Riley McManus '18
Presentation of Senior Class Gift	Jaime Stephen, Julie McLarnon
Recognition of ROTC Graduates	President Leshin
Recognition of Faculty Award Recipients	Bruce E. Bursten, Provost
Conferring of Honorary Degrees	President Leshin
Commencement Address	Margot Lee Shetterly Author, <i>Hidden Figures</i>
Presentation of Candidates for Degrees	Arthur C. Heinricher, Dean of Undergraduate Studies
Conferring of Degrees	President Leshin
Remarks from the Alumni Association	David Wheeler '93, '04 (MS), President
Alma Mater	Audience, led by Hannah Kraus '18
Benediction	Rev. Leshay
Recessional	WPI Brass Ensemble

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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 10; 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 Emily Bigwood, Jacquie Claveau, Katharine Comford, Dani Costa, William Dziuban, Megan Errichetti, Jeremy Filteau, Steph Gulezian, Brian Healy, Alison Hebert, Nicolas Hernandez, Annika Isaac, Steven Knott, Hannah Kraus, Maddy Longo, Alex Markowski, Marlon Matthews, Hannah Miller, Katie Pelissari, Rachel Plante, Connor Ross, Emma Ryan, Rachel Scaer, Brady Snowden, and Alicia Weber, accompanied by members of Alden Voices and the Men's Glee Club.

**The Senior Class Gift** is presented by gift committee chairs Jaime Stephen and Julie McLarnon. Having raised more than \$42,900, the Senior Class Gift is the culmination of more than 545 gifts, including a generous challenge match by trustee emeritus Win Priem '59. This year's gift will expand the Glacier National Park Project Center site, 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. The students were inspired by William "Tuna" Trask's commitment to WPI, and have decided to dedicate this year's gift in his honor.

**Student speaker Riley McManus** is graduating with a BS in civil engineering, and is studying for his master's in fire protection engineering. The Newington, Conn., native is a brother of Phi Gamma Delta. He was active in the men's club volleyball team, the Society of Fire Protection Engineers, the Newman Club, and the Promotion of Animal Welfare Society.

The highlight of his WPI experience was completing his IQP in Cape Town, South Africa, focusing on fire prevention in informal housing settlements. Riley's next step is beginning his career as a Loss Prevention Engineer at AIG.



*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 (which students may pat for good luck), and proceeds up the center aisle under the tent.

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

This year’s honorary marshal is **Natalie Farny**, assistant teaching professor in biology and biotechnology, and winner of the 2018 Trustees’ Award for Outstanding Teaching; the baton she carries is the walking stick of John Boynton, a founder of WPI. The ceremonial marshal is **Bruce 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). Please don’t stand in the aisles to take photographs as you will block the view of seated guests.

**Note:** The professional firm Commencement Photos takes a photo from an optimal location near the stage of each graduate receiving a diploma. The company will mail proofs with an order form to graduates or their families. For more information, call the studio at 978-851-5924.

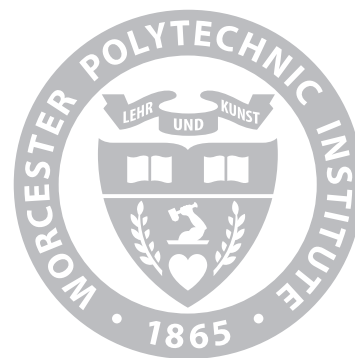
WPI records the entire ceremony from several vantage points. A live stream is available on the WPI commencement website and the WPI Mobile app (see next section) during the ceremony. A complete, high-quality video of the ceremony will be available for downloading within two weeks at [wpi.edu/+Commencement](http://wpi.edu/+Commencement).

**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.

**INFO AT YOUR FINGERTIPS—**

One of the best ways to get the information and news you’re looking for about Commencement week is to download the **WPI Mobile App** to your smartphone or tablet. You will find items to help navigate the campus, including campus maps noting dining and auxiliary viewing locations. You may even get a front-row seat to the various ceremonies by watching our live video streams. After Commencement, use the WPI Mobile App to stay connected to all things WPI. The app is available on the iTunes Store and Google Play, or you may download it at [wpi.edu/+mobile](http://wpi.edu/+mobile).



**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 Locations:** Rubin Campus Center Odeum, Higgins Labs 116, Harrington Auditorium

Follow Commencement exercises on Twitter @WPICommencement and Instagram @WPI. Share your memories with #wpi2018.

## CHAIRMAN'S PRIZE RECIPIENT

### EDWARD A. CLANCY

Edward A. Clancy has truly excelled in every role he has undertaken at WPI. As a researcher, he has spent some three decades working in the area of applied signal processing, with a particular focus on biomedical applications. Much of his work since he joined the WPI faculty in 2000 has focused on electromyography, or EMG, which is a way of measuring the brief electrical pulses emitted by skeletal muscles using electrodes placed on the skin. As principal investigator or co-PI on grants totaling nearly \$8 million, he has explored the use of EMG to control powered prosthetic limbs, to control the timing of muscle activity in stroke rehabilitation or in patients suffering from ALS, and to acquire data on muscle activity for a variety of other scientific and medical applications. This research has produced more than 80 peer-reviewed articles in top biomedical journals and conference proceedings.

The signals picked up in EMG measurements represent the combined firings of multiple motor units within the muscles. The changing pattern of these firings, represented statistically, is known as the EMG amplitude, and provides valuable information about how the central nervous system signals its intention to activate muscles. Ted Clancy has accrued an international reputation through his work on the estimation of EMG amplitude and his studies of the relationship of EMG to joint torque and impedance. This work has played a critical role in a number of real-world applications of EMG, including a current project, funded by a \$1.5 million award from the National Institutes of Health, in collaboration with Liberating Technologies, which aims to allow users to simultaneously operate the hand and wrist of a smart prosthesis. This project was inspired, in part, by Clancy's desire to improve the quality of life for returning veterans.

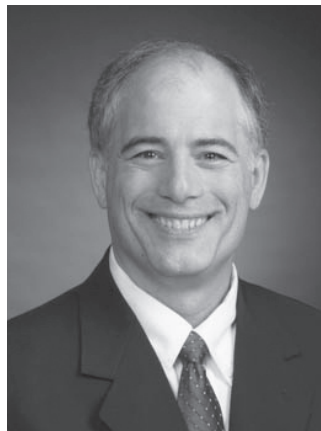
In the classroom Clancy is known as an engaging lecturer and innovator who has brought an active learning approach, particularly with the use of guided lecture notes, to several of his courses. His lectures are also grounded by his deep knowledge of industry needs and practice, shaped by the years

he spent early in his career working in the research laboratories of companies like Raytheon, Liberty Mutual, and Aspect Medical Systems.

As a project advisor, and as director of the MIT Lincoln Laboratory Project Center for several years, he has earned the admiration of undergraduates for his efforts to engage them in the rigors and excitement of real-world research, even as he demands the best of each project team he advises. He established a new class of MQPs, known as Graduate Trajectory MQPs, in which teams work on projects closely aligned with his own research program with the expectation that the results will be publishable. In fact, these project teams have chalked up a journal article, conference proceedings, and a Sigma Xi undergraduate research award. One alumnus credits his MQP experience with starting him on a path that led to a faculty appointment at a major research university.

Clancy, whose own career path began with a BS in electrical engineering from WPI in 1983, followed by SM and PhD degrees from MIT, has taken an active role in serving his profession and his university. A member of the executive council of the International Society for Electrophysiology and Kinesiology and a senior member of IEEE, he currently serves on the editorial board of the *Journal of Electromyography and Kinesiology*. At WPI he has worked diligently to promote collaborative research in bioengineering—for example, taking the lead in coordinating research efforts of a healthcare/quality of life cluster within the ECE Department and helping establish closer collaborations between the department and the university's Healthcare Delivery Institute.

For his groundbreaking research in biomedical signal processing, which promises to help improve the quality of life for many; the dedication and innovative spirit he has brought to his work as an educator and a project advisor; and his outstanding service to his profession and this university, WPI is proud to confer upon Edward A. Clancy the Chairman's Exemplary Faculty Prize.



## HONORARY DEGREE RECIPIENT

PHILIP B. RYAN '65

DOCTOR OF ENGINEERING

Time and again WPI has called upon Philip B. Ryan '65, and this true son of "Tech" has always answered the call. From his first day on campus in the fall of 1961 to his leadership as interim president some 50 years later, he has made a profound impact across our university. As an undergraduate, he participated in a wide variety of organizations: from the Student Activities Board and Student Government to Tech News, and from the Newman Club to the Varsity Club. He was class vice president in his junior and senior year and lettered four years on the varsity hockey team. A member of Phi Kappa Theta fraternity, he was one of only 11 students in his class tapped by Skull, the senior honorary society.

As a proud alumnus, Phil Ryan showed the world what a WPI graduate can do. After earning a bachelor's degree in civil engineering from WPI and an MBA from Harvard Business School, he forged a long and distinguished career helping corporations and individuals achieve their best performance. In 1970 he cofounded The Bigelow Company, a highly successful management consulting and mergers and acquisitions advisory boutique. Moving on after two decades, he served as CEO of Elliot Health Systems, and later as president of Optima Health, from 1990 through 1997, managing hospitals, a surgery center, an assisted living facility, and physicians' practices, among other operations. In 1998 he formed RYAN Associates, a strategy consulting and private investment firm, serving clients in diverse industries, including building materials, sporting goods, public utility, information management, and transportation technology. He was CEO of Merchants Automotive Group from 2003 to 2011, a private company focused on corporate fleet leasing and fleet management services. He continues to advise several private companies and is the leader and mentor of a CEO peer group affiliated with the University of New Hampshire.



While busy with his career and raising his family, Ryan continued to serve his alma mater, setting a standard for volunteer service that few could match. A devoted member of the Centennial Class of 1965, he served on or chaired several reunion committees and led his class to a record-setting 25th reunion gift. He served the entire WPI alumni community as chair of the Alumni Association Public Relations Committee, a member of the Corporate Relations Advisory Committee, and a member of the WPI Management Board of Advisors. In 1999 he was elected to the WPI Board of Trustees, which he led as chairman from 2014 to 2016. He continues to serve as an emeritus trustee.

In 2013 WPI issued the most urgent call of all, asking Ryan to step in and serve as interim president. Under his open and energetic stewardship, the university didn't miss a beat, moving forward with a major fundraising campaign, celebrating its 150th anniversary, and choosing its 16th president, Laurie Leshin. President Leshin has said of him, "I could not have asked for a better partner, mentor, and boss ... and WPI could not ask for a more devoted supporter."

During his year in Boynton Hall's corner office, he spearheaded a project that was especially near to his heart—helping develop a biography of his friend and mentor—and a towering figure in WPI history—Dean Emeritus William R. Grogan. In the afterword to *The Presiding Genius of the Place*, he described Bill Grogan as perhaps the most influential person in the past half century of WPI. Surely, Phil Ryan has earned a place in Grogan's esteemed company.

For his outstanding professional achievements, inspiring leadership, and unwavering devotion to his alma mater, WPI is proud to confer on Philip B. Ryan the degree of Doctor of Engineering, *Honoris Causa*.

# HONORARY DEGREE RECIPIENT

## MARGOT LEE SHETTERLY DOCTOR OF HUMANE LETTERS

Author Margot Lee Shetterly captivated the hearts and minds of readers all over the world with her remarkable best-selling book, *Hidden Figures: The American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race*. Shining a vibrant light on a nearly forgotten chapter in our nation's recent past, she has made an extraordinary contribution to American history. Just as important, she has inspired new generations to pursue their dreams for the future.

Accolades abound for Shetterly's groundbreaking work. An instant No. 1 *New York Times* best seller, *Hidden Figures* was named a top book of 2016 by both *TIME* and *Publishers Weekly*. It also received the Anisfield-Wolf Book Award, which recognizes work that deepens our understanding of racism and human diversity. Taking on the silver screen, the film version of *Hidden Figures* scored a critical and box office hit, earning several Academy Award nominations, including Best Picture. Shetterly also co-wrote a children's book of *Hidden Figures*, which was released earlier this year.

While Shetterly's storytelling has made a tremendous impact on the lives of others, her own life story provides a vivid example of excellence and the entrepreneurial spirit. A 2014 Alfred P. Sloan Foundation Fellow, she was born in Hampton, Va., to a family infused with high academic achievement. Her father was among the early generation of black NASA engineers and scientists and her mother was an English professor at Hampton University. After graduating in 1991 from the University of Virginia's McIntire School of Commerce, Shetterly embarked on a career in finance, working on the trading floor for J.P. Morgan, and later for Merrill Lynch. In the mid-1990s, she took on the burgeoning digital media industry, becoming a consultant for several start-up companies. From there, she set out on a new personal and

professional adventure. With her husband, Aran Shetterly, she moved to Mexico and published the English-language magazine *Inside Mexico* for more than a decade.

Now back in the United States, Shetterly continues to tell important stories. She launched The Human Computer Project, which is working to recover the names and accomplishments of all of the women who worked as "computers," mathematicians, scientists, and engineers at NASA from the 1930s to the 1980s. Her goal for the project is two-fold: to amplify the lives of women whose work advanced our nation's leadership in the 20th century, and to help new generations of women and minorities to pursue careers in STEM fields.

She also has two new books in the pipeline. Completing a *Hidden Figures* trilogy, they will examine the legacy of the American Dream and highlight more ordinary and yet extraordinary African Americans whose contributions to the nation have yet to be told.

As we at WPI celebrate Margot Lee Shetterly today, we are delighted to note that two of our most illustrious graduates appear in the *Hidden Figures* story: Henry J. E. Reid, Class of 1919, who, from 1926 until 1960, served as director of the Langley Memorial Aeronautical Laboratory (later the NASA Langley Research Center), where *Hidden Figures* is set; and Richard Whitcomb, Class of 1943, whose discoveries in Langley's wind tunnels made supersonic flight a practical reality. How proud these two WPI alumni would be—and how delighted we are—to name her an honorary alumna.

For her distinguished contributions to American history and literature, her ceaseless curiosity in life and work, and her determination to tell the stories that still need to be told, WPI is honored to confer on Margot Lee Shetterly the degree of Doctor of Humane Letters, *Honoris Causa*.



## ARTS AND SCIENCES

### BIOLOGY AND BIOTECHNOLOGY DEPARTMENT

Carlie Logan Alfaro  
*Biology and Biotechnology*  
*Minor in Global Public Health*

Brian Sebastian Amato  
*Biology and Biotechnology*  
Awarded October 6, 2017

Megan Victoria Barter  
*Biology and Biotechnology*  
Awarded October 6, 2017

Shannon Colleen Becker  
*Biology and Biotechnology*  
*Minor in Spanish*  
*Minor in Global Public Health*

Allyson Day  
*Biology and Biotechnology*

Ian Michael Diamond  
*Biology and Biotechnology*  
*Minor in Psychology*

Natalie Marie Fabrizio  
*Biology and Biotechnology*

Chandler Marie Friend  
*Biology and Biotechnology*

Isabella Sgobbo Garver  
*Biology and Biotechnology*  
*Minor in Chemistry*

Liam Martin Goodale  
*Biology and Biotechnology*

Megan Theresa Hoppe  
*Biology and Biotechnology*  
*Minor in Biochemistry*  
*Minor in Spanish*

Kimberley Elizabeth Kirchner  
*Biology and Biotechnology*

Brittney Lee Lambert  
*Biology and Biotechnology*

Sara Aristia Larson  
*Biology and Biotechnology*

Casey Catherine Maffucci  
*Biology and Biotechnology*

Sarah Ann Martin  
*Biology and Biotechnology*  
*Minor in Psychology*

Virginia Massa  
*Biology and Biotechnology*  
*Minor in Biochemistry*

Emily Jean McGlame  
*Biology and Biotechnology*  
*Minor in Biochemistry*

Nathan A. McNeill  
*Biology and Biotechnology*  
*Minor in Spanish*

Hannah S. Miller  
*Biology and Biotechnology*

Rachel Lee Murphy  
*Bioinformatics and*  
*Computational Biology*  
*Biology and Biotechnology*

Nina Adele Murphy-Cook  
*Biology and Biotechnology*

Katherine Alice Nugai  
*Biology and Biotechnology*  
*Minor in Psychology*

Shanelle Priscilla Reilly  
*Biology and Biotechnology*  
*Minor in Writing and Rhetoric*

Maria Lynne Snyder  
*Biology and Biotechnology*

Amanda MacNeil Sullivan  
*Biology and Biotechnology*

Caeli Constance Tegan  
*Biology and Biotechnology*

Allison Rose Van Fechtmann  
*Biology and Biotechnology*  
Awarded October 6, 2017

Rachel M. Wambach  
*Biology and Biotechnology*  
*Minor in Spanish*

Jingyi Wu  
*Biology and Biotechnology*  
*Minor in Spanish*  
*Minor in Biochemistry*

### CHEMISTRY AND BIOCHEMISTRY DEPARTMENT

Megan Marie Andresano  
*Biochemistry*  
*Minor in Writing and Rhetoric*  
Awarded October 6, 2017

Tristan B. Cano  
*Biochemistry*

Samuel James Carley  
*Chemistry*  
*Biology and Biotechnology*  
*Minor in American Studies*

Timothy Edward Consedine  
*Biochemistry*  
*Minor in Biology*

Christopher Anthony Dallarosa  
*Biochemistry*

Kaye Elizabeth Dandrea  
*Biochemistry*

Khahnty Daraphet  
*Biochemistry*  
Awarded October 6, 2017

Lauren Alyssa Farris  
*Biochemistry*  
*Minor in Business*

Michael William Gauvin  
*Biochemistry*

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

Bri Heisler  
*Biochemistry*  
*Minor in Biology*  
*Minor in Spanish*

Mina Henes  
*Biochemistry*

Eiko Iwashita  
*Biochemistry*  
*Professional Writing*

Victoria K. Johnson  
*Biochemistry*  
*Minor in Biology*

Klajdi Kosovrasti  
*Biochemistry*

Eric Christoper Larsen  
*Biochemistry*  
*Biology and Biotechnology*

Clare P. Masucci  
*Chemistry*  
*Society, Technology and Policy*

Bryan Joseph Mendes  
*Biochemistry*  
 Awarded October 6, 2017

Virginia C. Nunez Mir  
*Biochemistry*  
*Bioinformatics and*  
*Computational Biology*

Colleen Emmeline O'Shea  
*Biochemistry*

Naomi A. Otoo  
*Biochemistry*

Lily Jane Randle  
*Biochemistry*

Katelyne Jean Sibley  
*Biochemistry*  
*Minor in Drama/Theatre*

Cristina Tavera Montañez  
*Biochemistry*

Kaitlyn Kathleen Valla  
*Biochemistry*  
*Minor in Philosophy and Religion*

Christofer M. Welsh  
*Biochemistry*  
*Minor in Biology*

**COMPUTER SCIENCE DEPARTMENT**

Daniel J. Alfred  
*Computer Science*

Ebenezer Kwame Ampiah  
*Computer Science*

Zachary Robert Armsby  
*Computer Science*  
*Robotics Engineering*

Damon Clark Ball  
*Computer Science*  
*Minor in Mathematics*

Ian Michael Banatoski  
*Computer Science*

Carlos Joseph Barcelos  
*Computer Science*  
*Minor in Electrical and*  
*Computer Engineering*  
*Minor in Data Science*

Matthew Beader  
*Computer Science*

Spencer Moore Beaupre  
*Computer Science*

Tyler J. Beaupre  
*Computer Science*  
*Interactive Media and*  
*Game Development*

Bryan Joshua Benson  
*Computer Science*

Christopher E. Bianco  
*Computer Science*  
*Interactive Media and*  
*Game Development*

Jacob A. Bortell  
*Computer Science*

Joseph Steeves Bremner  
*Computer Science*

Matthew Brennan  
*Computer Science*  
*Minor in Management*  
*Information Systems*  
 Awarded October 6, 2017

Luke Joseph Buquicchio  
*Computer Science*  
*Minor in Bioinformatics and*  
*Computational Biology*

Kyle David Carrero  
*Computer Science*

Juan Carlos Chávez Guerrero  
*Computer Science*

Calvin Chen  
*Computer Science*

Nicholas Gwan Cheung  
*Computer Science*  
*Minor in Robotics Engineering*  
*Minor in Bioinformatics and*  
*Computational Biology*

Forrest Carter Cinelli  
*Computer Science*  
*Mathematical Sciences*

Brett Cohen  
*Computer Science*

Kodey R. Converse  
*Computer Science*

Brian Timothy Copeland  
*Computer Science*  
*Interactive Media and*  
*Game Development*

Chris Cormier  
*Computer Science*  
*Robotics Engineering*

William J. Craft  
*Computer Science*

Joseph Salvatore Crimi  
*Computer Science*  
*Minor in Interactive Media and*  
*Game Development*

David C. D'Antonio  
*Computer Science*  
 Awarded February 23, 2018

Courtney Elaine Davis  
*Computer Science*

Juan Pablo de Lima  
*Computer Science*  
*Minor in Business*

Corey G. Dixon  
*Computer Science*

Khoi Duc Doan  
*Computer Science*

Ada Doğrucu  
*Computer Science*

Alexander Wishart Dyer  
*Computer Science*

Frank Egan  
*Computer Science*

Derek William Feehrer  
*Computer Science*  
*Minor in Entrepreneurship*

Jordan Erin Feeley  
*Computer Science*  
Awarded October 6, 2017

Heric Flores-Huerta Jr.  
*Computer Science*  
*Minor in Electrical and*  
*Computer Engineering*  
Awarded February 23, 2018

Dylan M. Fontana  
*Computer Science*  
*Minor in Data Science*

Alexander W. Gaines  
*Computer Science*

Miyabi Ida Gaskell  
*Computer Science*  
Awarded October 6, 2017

Michael Joseph Olindo Giancola  
*Computer Science*  
*Mathematical Sciences*

Evan A. Gilgenbach  
*Computer Science*  
*Robotics Engineering*

Gina Gonzalez-Roundey  
*Computer Science*  
Awarded February 23, 2018

Brianna Greenlaw  
*Computer Science*  
*Minor in History*

Christopher Scott Griffin II  
*Computer Science*  
*Interactive Media and*  
*Game Development*

Everett J. Harding  
*Computer Science*

Kenedi Elizabeth Heather  
*Computer Science*  
*Minor in Psychology*

Linh Thai Hoang  
*Computer Science*

Maximillian A. Hoerhold  
*Computer Science*

Quoc Tommy HoLam  
*Computer Science*

Alexander Ian Horton  
*Computer Science*

Benjamin Q. Huchley  
*Computer Science*

Anabella Isaro  
*Computer Science*

Matthew A. Jackman  
*Computer Science*

Joseph Thomas Kaiser  
*Computer Science*

Yo Karita  
*Computer Science*

Alexander Joshua Kasperek  
*Computer Science*

Binam Kayastha  
*Computer Science*  
*Minor in Electrical and*  
*Computer Engineering*

Brian J. Keeley-DeBonis  
*Computer Science*

Evan F. King  
*Computer Science*

Natalia Kononenko  
*Computer Science*  
*Interactive Media and*  
*Game Development*

Ankit Kumar  
*Computer Science*

Qiaoyu Liao  
*Computer Science*  
Awarded October 6, 2017

Yang Liu  
*Computer Science*

Madeleine Carmella Longo  
*Computer Science*

Charles J. Lovering  
*Computer Science*

Anqi Lu  
*Computer Science*  
*Minor in Mathematics*  
Awarded February 23, 2018

Zixin Luo  
*Computer Science*  
*Minor in Data Science*

Kevin D. MacIntosh  
*Computer Science*

Patrick R. Malone  
*Computer Science*  
*Interactive Media and*  
*Game Development*

Vakhtang Margvelashvili  
*Computer Science*  
Awarded October 6, 2017

Jeffrey Alan Martin  
*Computer Science*  
*Minor in Electrical and*  
*Computer Engineering*

Joseph P. Martin  
*Computer Science*  
*Robotics Engineering*

Brian Michael McCarthy  
*Computer Science*

Kyle Duane McCormick  
*Computer Science*

Jonathan Ross Metzger  
*Computer Science*  
*Minor in Mathematics*

Jonathan Henry Morse  
*Computer Science*

Larisa Igorevna Motova  
*Computer Science*  
Awarded February 23, 2018

Justin Myerson  
*Computer Science*  
*Minor in Economics*

Cuong Nguyen  
*Computer Science*

Cuong Nguyen  
*Computer Science*  
*Minor in Mathematics*

Holly Alexandra Nguyen  
*Computer Science*  
*Minor in Business*

Huyen Bui Thanh Nguyen  
*Computer Science*

Maryann J. O'Connell  
*Computer Science*

Brendan W. O'Connor  
*Computer Science*

Shivangi Pandey  
*Computer Science*  
 Awarded February 23, 2018

Aleksa Perucic  
*Computer Science*

Andrew A. Petit  
*Computer Science*  
*Minor in Biology*

Matthew Wyatt Piazza  
*Computer Science*  
*Minor in Electrical and Computer Engineering*  
*Minor in Robotics Engineering*  
 Awarded February 23, 2018

Rachel Louise Plante  
*Computer Science*

Kacper Piotr Puczydowski  
*Computer Science*  
*Robotics Engineering*

Turner Joseph Robbins  
*Computer Science*  
*Minor in Data Science*

Christian Alexander Roberts  
*Computer Science*  
 Awarded October 6, 2017

Paul David Mulvihill Roberts  
*Computer Science*  
*Minor in Business*

Andrew Carter Rottier  
*Computer Science*  
*Minor in Data Science*

Benjamin George Sarkis  
*Computer Science*  
*Minor in Electrical and Computer Engineering*  
*Minor in Data Science*

Andrew L. Schade  
*Computer Science*

Obatola A. Seward-Evans  
*Computer Science*

Kunal Kartik Shah  
*Computer Science*

Himanjal Sharma  
*Computer Science*

Jingwei Shen  
*Computer Science*  
 Awarded February 23, 2018

Ming Shen  
*Computer Science*  
*Minor in Electrical and Computer Engineering*

Eli Sanborn Skeggs  
*Computer Science*

Connor Keith Smith  
*Computer Science*  
*Minor in Business*

Dominik Edward Smreczak  
*Computer Science*

Erik D. Sola Pleitez  
*Computer Science*

Akshit Soota  
*Computer Science*

Kyle Michael Sposato  
*Computer Science*

Oliver Spring  
*Computer Science*

Dongsheng Sun  
*Computer Science*

Cory M. Tapply  
*Computer Science*  
*Minor in Data Science*

Huy Q. Tran  
*Computer Science*

Tommy Trieu  
*Computer Science*

Nata Vacheishvili  
*Computer Science*

Trevor James Valcourt  
*Computer Science*  
 Awarded February 23, 2018

Aura Isabella Velarde Ramirez  
*Computer Science*

Ian Harlow Vossoughi  
*Computer Science*

Dimitar M. Vouldjeff  
*Computer Science*

Thanh Long X. Vu  
*Computer Science*  
*Minor in Interactive Media and Game Development*  
 Awarded February 23, 2018

AmyBea Walder  
*Computer Science*

Hope Amelia Wallace  
*Computer Science*  
*Interactive Media and Game Development*

Ryan Patrick Walsh  
*Computer Science*

Andrew Thomas Walter  
*Computer Science*  
*Minor in Mathematics*

Xinyuan Wang  
*Computer Science*

Connor J. Weeks  
*Computer Science*  
*Electrical and Computer Engineering*

Barrett Mitchell Wolfson  
*Computer Science*  
*Minor in Entrepreneurship*

Shihao Xia  
*Computer Science*  
 Awarded February 23, 2018

Ming Xu  
*Computer Science*  
*Minor in Data Science*

Yang Xu  
*Computer Science*

Steven Charles Yevchak  
*Computer Science*  
Awarded February 23, 2018

Ziyang Yu  
*Computer Science*

Daniel Yun  
*Computer Science*

Kelly Ellen Zhang  
*Computer Science*  
*Interactive Media and Game Development*

**HUMANITIES AND ARTS DEPARTMENT**

David L. Frederick  
*Professional Writing*  
*Biomedical Engineering*

Abdullah Faisal Hajjar  
*Humanities and Arts with Philosophy*

Sarah Anne Stuart  
*Humanities and Arts with History*

Alicia G. Weber  
*Humanities and Arts with Drama/Theatre*  
*Minor in Mechanical Engineering*

**INTERACTIVE MEDIA AND GAME DEVELOPMENT PROGRAM**

David Paul Allen  
*Interactive Media and Game Development*

Erik Jason Cerini  
*Interactive Media and Game Development*

Isaiah L. Cochran  
*Interactive Media and Game Development*

Samuel Weaver Conley  
*Interactive Media and Game Development*

Marco Duran  
*Interactive Media and Game Development*  
Awarded February 23, 2018

Kent Kwok Fong  
*Interactive Media and Game Development*

Junfeng Guo  
*Interactive Media and Game Development*

Alexander James Hebert  
*Interactive Media and Game Development*

William A. Kelley  
*Interactive Media and Game Development*  
*Computer Science*

Laurie A. Mazza  
*Interactive Media and Game Development with Technical Art*  
*Computer Science*

Liam Wilson Miller  
*Interactive Media and Game Development*  
Awarded October 6, 2017

Kyle Joseph Stack  
*Interactive Media and Game Development*  
Awarded February 23, 2018

Matthew J. Szpunar  
*Interactive Media and Game Development*

Henry Jacob Wheeler-Mackta  
*Interactive Media and Game Development*

**MATHEMATICAL SCIENCES DEPARTMENT**

Andrew C. Bauer  
*Mathematical Sciences*  
*Minor in Computer Science*

Andrea Camila Bayas  
*Mathematical Sciences*  
*Minor in Music*

Emily Lydia Bigwood  
*Mathematical Sciences*

William J. Bourgeois  
*Actuarial Mathematics*

Owen D. Chace  
*Mathematical Sciences*  
*Minor in Data Science*

Christopher Fernández  
*Actuarial Mathematics*  
*Minor in Economics*

Ranier X. Gran  
*Mathematical Sciences*  
*Minor in Data Science*  
*Minor in Computer Science*

Alicia Marie Greenalch  
*Actuarial Mathematics*  
*Minor in Business*

Kevin Bellamy Guth  
*Mathematical Sciences*  
*Minor in Data Science*

Zhi Hui  
*Mathematical Sciences*  
*Minor in Computer Science*  
Awarded February 23, 2018

Cole Jeffrey Jeznach  
*Mathematical Sciences*  
*Minor in Computer Science*

Stephen Kosmo  
*Mathematical Sciences*

Hannah Kraus  
*Actuarial Mathematics*

Thomas Archer Leonard  
*Actuarial Mathematics*  
*Minor in Data Science*

Cassidy R. Litch  
*Mathematical Sciences*  
*Computer Science*

Mingkun Ma  
*Mathematical Sciences*  
*Minor in Business*

Sarah G. Ma  
*Actuarial Mathematics*

Stephanie A. Martin  
*Mathematical Sciences*  
*Minor in Data Science*

John W. McGinn  
*Actuarial Mathematics*  
*Minor in Computer Science*

Nonthakorn Olanaront  
*Mathematical Sciences*

Michael Perrone  
*Mathematical Sciences*  
Awarded October 6, 2017

Anthony Luis Rodriguez  
*Actuarial Mathematics*  
*Minor in Spanish*

Jenna Elizabeth Shea  
*Actuarial Mathematics*

Hary Hailemeleket Teklegiorgis  
*Actuarial Mathematics*  
*Minor in Business*

Sarah Elizabeth Wutka  
*Actuarial Mathematics*  
*Minor in Business*  
*Minor in Entrepreneurship*

#### PHYSICS DEPARTMENT

Miguel A. Aranda Ramirez  
*Physics*  
*Electrical and Computer Engineering*

Nicole Beinstein  
*Physics*

Dominic Othneil Chang  
*Physics*

Zachary C. Chester  
*Physics*

Austen Mathew Couvertier  
*Physics*  
*Mathematical Sciences*

Patrick Devin Fitzgerald  
*Physics*  
*Minor in Mathematics*  
*Minor in Mechanical Engineering*

Kenneth Brian Fong  
*Physics*

Yu Jing  
*Physics*

Mykalin Ann Dockery Jones  
*Physics*

Swarnadeep Majumder  
*Physics*  
*Electrical and Computer Engineering*

Siddhant Pandey  
*Physics*  
*Electrical and Computer Engineering*

Nicholas Serge Schubert  
*Physics*  
*Minor in Electrical and  
Computer Engineering*

Aline Natalie Tomasian  
*Physics*

#### SOCIAL SCIENCE AND POLICY STUDIES DEPARTMENT

Morgan A. Brokaw  
*Economic Science*  
*Minor in Business*

Tyler Kent Jaskoviak  
*Psychological Science*  
*Computer Science*

Katherine Marie Cynthia Pelissari  
*Environmental and Sustainability  
Studies*

Daniel Ryan Perkins  
*Psychological Science with  
Psychobiology*  
*Minor in Interactive Media and  
Game Development*

## ENGINEERING

#### BIOMEDICAL ENGINEERING DEPARTMENT

Amanda Daniel Paul Amirault  
*Biomedical Engineering*

Casey Marie Arpin  
*Biomedical Engineering*

Sanjay Kumar Batchu  
*Biomedical Engineering*  
*Minor in Management Information  
Systems*

Fabian Eduardo Bonilla Sabillon  
*Biomedical Engineering*

MacKenzie E. Brandes  
*Biomedical Engineering*

McKenzie C. Brunelle  
*Biomedical Engineering*  
*Minor in Biology*

Maddison Marie Caron  
*Biomedical Engineering*

Harry Edward Chartoff  
*Biomedical Engineering*  
*Minor in Mechanical Engineering*

Yenyu Chen  
*Biomedical Engineering*

Jessica K. Cheu  
*Biomedical Engineering*

Nicole Angela Chittim  
*Biomedical Engineering*

Alexandra M. Chretien  
*Biomedical Engineering*

Jacquelyn Olivia Claveau  
*Biomedical Engineering*

Ryan J. Conlan  
*Biomedical Engineering*

Melissa L. Daigle  
*Biomedical Engineering*

Bryanna Josephina Dellaripa  
*Biomedical Engineering*

Monique Desnoyers  
*Biomedical Engineering*  
*Minor in Biology*  
*Minor in Drama/Theatre*

Emily Marie DiRuzza  
*Biomedical Engineering*  
*Minor in Mechanical Engineering*

Erin Anne Dixon  
*Biomedical Engineering*  
*Minor in Materials*

Lorenzo Mauretto Dube  
*Biomedical Engineering*

Shaimae I. Elhajjajy  
*Biomedical Engineering*  
*Minor in Computer Science*  
*Minor in Bioinformatics and*  
*Computational Biology*

Stephanie Lynn Godding  
*Biomedical Engineering*

Susannah Antonia Gray  
*Biomedical Engineering*

Hanna Gru Sihman  
*Biomedical Engineering*

Abigail Mae Hanson  
*Biomedical Engineering*

Hasson Shakor Harris Wilcher  
*Biomedical Engineering*  
Awarded October 6, 2017

Michael David Hellmich  
*Biomedical Engineering*  
*Mechanical Engineering*  
*with Biomechanical*

Samantha Marie Hires  
*Biomedical Engineering*

Brandon David Hoghaug  
*Biomedical Engineering*  
*Mechanical Engineering*

Andrea Karduss  
*Biomedical Engineering*  
*Minor in Global Public Health*

Robert A. Kirch  
*Biomedical Engineering*

Anna Marie Kjølgaard  
*Biomedical Engineering*  
*Minor in Mechanical Engineering*

Brooke Marie Klepper  
*Biomedical Engineering*

Albert Joseph Languet IV  
*Biomedical Engineering*

Mervyn Anderson Larrier Jr.  
*Biomedical Engineering*  
*Mechanical Engineering*  
Awarded February 23, 2018

Jason Daniel Lowder  
*Biomedical Engineering*  
*Mechanical Engineering*

Danilo V. Lozada  
*Biomedical Engineering*

Joshua Bartlett Mace  
*Biomedical Engineering*

Emma Frances MacIntyre  
*Biomedical Engineering*  
*Mechanical Engineering*

Alex William Markoski  
*Biomedical Engineering*  
*Mechanical Engineering*

Tyler William Marshall  
*Biomedical Engineering*

Spenser John Martin  
*Biomedical Engineering*  
*Mechanical Engineering*  
*with Biomechanical*

Alyssa Ann Marzella  
*Biomedical Engineering*  
*Mechanical Engineering*

Allison Elizabeth McCarthy  
*Biomedical Engineering*

Julie Marie McLarnon  
*Biomedical Engineering*

Tyler James McNeill  
*Biomedical Engineering*  
*Mechanical Engineering*

Shivam H. Mehta  
*Biomedical Engineering*

Tess Bisbee Meier  
*Biomedical Engineering*  
*Minor in Robotics Engineering*

Frederick Thomas Metters  
*Biomedical Engineering*

Joseph James Miceli III  
*Biomedical Engineering*  
*Minor in Mechanical Engineering*

Allyson Kathryn Mills  
*Biomedical Engineering*

Emily Sophia Mora  
*Biomedical Engineering*  
*Minor in Biology*

Emily Elizabeth Newman  
*Biomedical Engineering*

Christopher J. Ngo  
*Biomedical Engineering*

Xiang Pan  
*Biomedical Engineering*  
*Minor in Mechanical Engineering*

Kaylee Z. Perron  
*Biomedical Engineering*

Jonathan R. Perry  
*Biomedical Engineering*

Alexa Lyne Pomerleau  
*Biomedical Engineering*  
*Minor in International and*  
*Global Studies*

Mohammed Masrur Rahman  
*Biomedical Engineering*  
*Minor in Biology*

Hanne Marie Richardson  
*Biomedical Engineering*  
Awarded October 6, 2017

Bridget Kaelee Rinkel  
*Biomedical Engineering*

Veronica Rivera  
*Biomedical Engineering*  
*Minor in Mechanical Engineering*

Christopher John Rockwell  
*Biomedical Engineering*  
*Minor in Computer Science*

Fernando Salazar  
*Biomedical Engineering*  
Awarded October 6, 2017

Justin L. Shanahan  
*Biomedical Engineering*  
*Mechanical Engineering*

Emma Haley Sheils  
*Biomedical Engineering*

Nicole C. Sherlock  
*Biomedical Engineering*  
*Minor in Mechanical Engineering*

Stephanie Andrea Silvestris  
*Biomedical Engineering*

Zachary Liborio Simpson  
*Biomedical Engineering*  
Awarded October 6, 2017

Kyle D. Skillings  
*Biomedical Engineering*

Kathy Brenda Suqui  
*Biomedical Engineering*  
*Minor in Biochemistry*

Joseph H. Switzer  
*Biomedical Engineering*  
Awarded February 23, 2018

Rhaine A. Sziy  
*Biomedical Engineering*

Leslie E. Tepanecatl  
*Biomedical Engineering*

Silvio Torres Betancur  
*Biomedical Engineering*

Darin Christopher Trzeciak  
*Biomedical Engineering*

Margarite J. Vaccaro  
*Biomedical Engineering*  
*Minor in Business*

Amishi Vairagade  
*Biomedical Engineering*  
Awarded February 23, 2018

Edward Thatcher Van Atten  
*Biomedical Engineering*  
*International and Global Studies*

Doua Pao Vang  
*Biomedical Engineering*  
*Minor in Electrical and*  
*Computer Engineering*

Leonela Sabrina Vega Loaisa  
*Biomedical Engineering*

Rory Eamon Washburn  
*Biomedical Engineering*  
*Minor in Materials*

Alex Joshua Witkin  
*Biomedical Engineering*

Alexandra Nicole Wolfe  
*Biomedical Engineering*

**CHEMICAL ENGINEERING  
DEPARTMENT**

Michelle S. Addai  
*Chemical Engineering*

Marianna Clair Bailey  
*Chemical Engineering*

Michaella Corrin Balicki  
*Chemical Engineering*

Matthew Bennett  
*Chemical Engineering*  
*Minor in Materials*

William Charles Bennett  
*Chemical Engineering*  
*Minor in Business*

Miya Kristine R. Bidon  
*Chemical Engineering*  
*Minor in Biochemistry*

Brenna S. Blakslee  
*Chemical Engineering*

Michael David Bodanza  
*Chemical Engineering*  
*Minor in Biochemistry*

Hayley Ann Boigenzahn  
*Chemical Engineering*  
*Minor in Computer Science*

Patrick Michael Bresnahan  
*Chemical Engineering*  
*Chemistry*

Jason A. Bruno  
*Chemical Engineering*  
*Minor in Materials*

Martin Burkardt  
*Chemical Engineering*  
*Minor in Materials*

Andrew Neil Callahan  
*Chemical Engineering*  
*Professional Writing*

Gina Rose Capobianco  
*Chemical Engineering with*  
*Environmental*

Nicholas J. Carabillo  
*Chemical Engineering*

Eric Chang  
*Chemical Engineering*

Kyle Kai-Chun Chang  
*Chemical Engineering*

Junbo Chen  
*Chemical Engineering*  
Awarded October 6, 2017

Carlos Javier Chong  
*Chemical Engineering*  
*Minor in Business*

Brandon David Clark  
*Chemical Engineering*  
*Electrical and Computer Engineering*

Kofi Nhyira Colecraft  
*Chemical Engineering*

Gillian Ceridwen Colman  
*Chemical Engineering*  
*Minor in Spanish*

James Michael Commisso  
*Chemical Engineering*  
Awarded October 6, 2017

Danielle Lynn Cote  
*Chemical Engineering with Materials*

Adam Nathan Croteau  
*Chemical Engineering*

Lexi Lee Crowell  
*Chemical Engineering*

Andersen Christopher Gage DeRosier  
*Chemical Engineering*

Charles Edward DeWitt  
*Chemical Engineering*

Constantina Eleni Drakontis  
*Chemical Engineering*

Benjamin Nathan Drury  
*Chemical Engineering*  
Awarded February 23, 2018

Claudia Rose Dufour  
*Chemical Engineering*

Daniel Eckler  
*Chemical Engineering*  
Awarded October 6, 2017

Sotirios Filippou  
*Chemical Engineering*  
*Minor in Business*

Jeremy Robert Filteau  
*Chemical Engineering*  
*Minor in Music*

Jordan P. Finzel  
*Chemical Engineering*

Jamie Leigh Freud  
*Chemical Engineering*

John Patrick Frigo  
*Chemical Engineering*

Jennifer Sue Gagner  
*Chemical Engineering*

Lidya Gezahgne Gebremeskel  
*Chemical Engineering*

Trevor Barry Gehring  
*Chemical Engineering*

Rose Bethany Gougian  
*Chemical Engineering*  
*Minor in Writing and Rhetoric*

Stephanie Christine Gulezian  
*Chemical Engineering*  
*Minor in Music*

Nathan Daniel Hague  
*Chemical Engineering*

Alison Marie Hebert  
*Chemical Engineering*

Jeremy Joseph Hemingway  
*Chemical Engineering*  
*Minor in Business*

Matthew Brian Hill  
*Chemical Engineering with Materials*

Chi Duc Hoang  
*Chemical Engineering*

Katie E. Hurlock  
*Chemical Engineering*

Alexander S. Ing  
*Chemical Engineering*  
*Minor in Materials*  
Awarded February 23, 2018

Annika Sarah Isaac  
*Chemical Engineering*  
*Minor in Business*

Errando Berwin Jayapurna  
*Chemical Engineering*  
*Minor in Materials*

Margaret Ann LaRoche  
*Chemical Engineering*

Robert Joseph Lederman III  
*Chemical Engineering*

Zihao Li  
*Chemical Engineering*

Tatiana Guerra Siebra Loureiro  
*Chemical Engineering*  
Awarded February 23, 2018

Marcus Patrick Lundgren  
*Chemical Engineering*  
*Minor in Biochemistry*

Bethany Grace Mays  
*Chemical Engineering*

Seth Robert McClenahan  
*Chemical Engineering*  
*Minor in Materials*

Aaron C. McGinnis  
*Chemical Engineering*

Jonathan E. McIntyre  
*Chemical Engineering*  
*Minor in Materials*

Randy Alan Melanson  
*Chemical Engineering*

Peter Leo Melendez  
*Chemical Engineering*

Joshua James Moniz  
*Chemical Engineering*  
*Minor in Business*

Carolyn Vanessa Morales Collado  
*Chemical Engineering*  
*Minor in International and*  
*Global Studies*

Evan Morris  
*Chemical Engineering*

Pacifique Mugabekazi Mugabo  
*Chemical Engineering*

Nelson Ndahiro  
*Chemical Engineering*  
*Minor in Nanoscience*

Mai N. Nguyen  
*Chemical Engineering*

Yaw K. Opare-Sem  
*Chemical Engineering*  
*Minor in Business*

John Paul Palumbo  
*Chemical Engineering*

Lenna Marie Maffei Quackenbush  
*Chemical Engineering with*  
*Environmental*

Emily Marie Riendeau  
*Chemical Engineering*

Rachel Lauren Rivera  
*Chemical Engineering*

Wesley McCormack Rogers  
*Chemical Engineering*  
*with Biochemical*

Kendall Jacqueline Rooney  
*Chemical Engineering*  
*Minor in Materials*

Darvin Sainte-Luce  
*Chemical Engineering*

Christine Nicole Schondek  
*Chemical Engineering*  
*Minor in Entrepreneurship*

Corey Linwood Scott  
*Chemical Engineering*

Alex D. Shefferman  
*Chemical Engineering*

Griffin Dee Shira  
*Chemical Engineering*  
*Minor in Materials*

Kayla Marie Sica  
*Chemical Engineering*  
*Minor in Biochemistry*

Ian Matthew Smith  
*Chemical Engineering*  
*with Biochemical*

Gabrielle Somadelis  
*Chemical Engineering*

Marisa Nicole Sposato  
*Chemical Engineering*  
*Minor in Biochemistry*

Stephen Mark Stephansky  
*Chemical Engineering*

Devin Tyler Stevens  
*Chemical Engineering*

Lea Marie Strangio  
*Chemical Engineering*

Khoa Tan  
*Chemical Engineering*

Natalie Marie Smith Thompson  
*Chemical Engineering*  
*Minor in Computer Science*

Amy Elizabeth Toscano  
*Chemical Engineering*  
*Minor in Materials*

Elizabeth Towle  
*Chemical Engineering*  
*Minor in Materials*

Estefania Trinidad Alvarez  
*Chemical Engineering*  
*Minor in Business*

Jenna Angela Troio  
*Chemical Engineering*

Kara Patricia Upton  
*Chemical Engineering*  
*Minor in Materials*

Sara Ann Velleca  
*Chemical Engineering*

Christian Walck  
*Chemical Engineering with*  
*Environmental*

Patrick Morgan Wang  
*Chemical Engineering*

Rachel R. Whalen  
*Chemical Engineering*  
*Minor in Law and Technology*  
*Minor in Biochemistry*  
*Minor in Interactive Media and*  
*Game Development*

Colby Arthur Whitcomb  
*Chemical Engineering*  
*Minor in Materials*  
*Minor in International and*  
*Global Studies*

Yuhan Yang  
*Chemical Engineering*

Valentina Zapata Macias  
*Chemical Engineering*  
*Minor in International and*  
*Global Studies*

James L. Zheng  
*Chemical Engineering*

Benjamin John Zogby  
*Chemical Engineering*

**CIVIL AND ENVIRONMENTAL  
ENGINEERING DEPARTMENT**

Caroline Jean Armstrong  
*Environmental Engineering*  
*Minor in Environmental and*  
*Sustainability Studies*

Matthew C. Assael  
*Civil Engineering*  
*Minor in Mechanical Engineering*

Rita Dimitria Bagala  
*Civil Engineering*

Jacqueline A. Barr  
*Environmental Engineering*

Craig David Barrett  
*Civil Engineering*

Liam Patrick Beal  
*Civil Engineering*

Joseph Elijah Berger  
*Civil Engineering*  
*Minor in Entrepreneurship*

Marissa Anna Bernard  
*Environmental Engineering*  
*Minor in International and*  
*Global Studies*

Vanessa Joi Beutel  
*Civil Engineering*

Andrew R. Boynton  
*Civil Engineering*  
*Minor in Business*

Frederick Mallory Brokaw  
*Architectural Engineering*

Sydney Nicole Brooks  
*Civil Engineering*

Daniel James Cammarata  
*Environmental Engineering*

Stephanie Marie Cappelli  
*Environmental Engineering*  
*Minor in Environmental and*  
*Sustainability Studies*

Ryan L. Coran  
*Civil Engineering*

Basliel Teferi Demessie  
*Civil Engineering*

John William Devine Jr.  
*Civil Engineering*

Priscilla C. Dunphy  
*Architectural Engineering*

Samantha D. Eaton  
*Civil Engineering*

Michael Train Fager-Thompson  
*Civil Engineering*  
Awarded October 6, 2017

Rebecca Leah Finacom  
*Architectural Engineering*  
*Minor in International and*  
*Global Studies*

Cierra Kylie Ford  
*Civil Engineering*  
*Minor in Entrepreneurship*

Lauren Tiffany Fraser  
*Civil Engineering*  
*Minor in Mechanical Engineering*

Roberto Emilio Garcia  
*Civil Engineering*  
Awarded October 6, 2017

Anna Rose Gore  
*Civil Engineering*

Evelyn Marie Grainger  
*Civil Engineering with Environmental*  
*International and Global Studies*

Megan Anna Hanshaw  
*Civil Engineering*

Conor James Hoey  
*Civil Engineering*

Matthew Robert Howard  
*Architectural Engineering*

Abigail Elizabeth King  
*Civil Engineering*

Brandon J. King  
*Civil Engineering*  
*International and Global Studies*

Steven Mason Knott Jr.  
*Architectural Engineering*

Evan Michael Lacroix  
*Civil Engineering*

Tess Amber Laffer  
*Environmental Engineering*

Cody Jonathan Lattin  
*Architectural Engineering*

Javier Alfredo Lawes Martínez  
*Civil Engineering*  
*Industrial Engineering*

Kelsey Ann Leigher  
*Architectural Engineering*

April Suzanne Locke  
*Environmental Engineering*

Jasmine Rae Rama Loukola  
*Civil Engineering*  
*Minor in Architectural Engineering*

James Weber Macfarlane  
*Civil Engineering*

RiAnna Noel May  
*Civil Engineering*

Annie Rose McDonald-Schwartz  
*Environmental Engineering*  
 Awarded February 23, 2018

Riley J. McManus  
*Civil Engineering*

Matthew Alexander Michaels  
*Environmental Engineering*  
 Awarded October 6, 2017

Sebastian Miranda  
*Civil Engineering*

Leah Morales  
*Architectural Engineering*  
*Electrical and Computer Engineering*

Alexis Katherine Moser  
*Architectural Engineering*

Guilherme Motta Baracchini  
*Civil Engineering*

Patrick Charles Post Murphy  
*Civil Engineering*

Derrick G. Naugler  
*Architectural Engineering*

Dereck Arthur Pacheco  
*Civil Engineering*

Daniel Charles Page  
*Civil Engineering*

Garrett J. Peters  
*Civil Engineering*

Margaret Rose Porter  
*Civil Engineering*  
 Awarded February 23, 2018

Hayley Poskus  
*Civil Engineering*  
*Minor in Architectural Engineering*

Thea Elizabeth Reymann  
*Environmental Engineering*

Cassy Marie Rios  
*Civil Engineering*

Phillip Thomas Royal  
*Civil Engineering*

Kayla Marie Salmon  
*Civil Engineering*

Rachel Anne Santarsiero  
*Civil Engineering*  
*Professional Writing*  
*Minor in International and Global Studies*

Abigail Quinn Sawyer  
*Architectural Engineering*

Patrick W. Schenkenberg  
*Architectural Engineering*  
*Minor in Computer Science*

David John Smallwood  
*Civil Engineering*  
*Professional Writing*  
*Minor in Chemical Engineering*

Kelly M. Soto Soldevilla  
*Civil Engineering*  
*Mechanical Engineering*

Warren Charles Staver  
*Environmental Engineering*

Ryan Stephen Stokes  
*Civil Engineering*  
*Minor in Business*

Katherine Elizabeth Tattersall  
*Architectural Engineering*  
*Minor in Mathematics*

Ian Alexander Taylor  
*Civil Engineering*

Yamaris Nereyda Terrero Martinez  
*Environmental Engineering*  
*Minor in Mechanical Engineering*

Kaitlin Anna Travers  
*Civil Engineering*

Taylor Jane Venter  
*Civil Engineering*

James Vorosmarti IV  
*Civil Engineering*  
*Minor in Spanish*

Kevin Walsh  
*Civil Engineering*

Justin Andrew Waters  
*Environmental Engineering*  
*Minor in Environmental and Sustainability Studies*

Jessica Lynn Wey  
*Environmental Engineering*

**ELECTRICAL AND COMPUTER  
 ENGINEERING DEPARTMENT**

Jacob M. Aki  
*Electrical and Computer Engineering*  
*Minor in Computer Science*  
 Awarded February 23, 2018

Jonathan Ariza  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Joseph Barimah Asante  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

James Israel Atchue  
*Electrical and Computer Engineering*

Cameron Andrew Back  
*Electrical and Computer Engineering*  
*Minor in Business*

Linda Sara Baker  
*Electrical and Computer Engineering*  
*Computer Science*

James Verrill Beucler  
*Electrical and Computer Engineering*

Veda Elise Booth  
*Electrical and Computer Engineering*

Alexander W. Briskman  
*Electrical and Computer Engineering*

Thomas Arlington Brown IV  
*Electrical and Computer Engineering*

Michael Dale Caldwell  
*Electrical and Computer Engineering*  
*Minor in Computer Science*  
 Awarded February 23, 2018

Mateo Carvajal Fraser  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Anthony Chan  
*Electrical and Computer Engineering*

Ching-Hsiang Chen  
*Electrical and Computer Engineering*

Denver E. Cohen  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Corey J. Coogan  
*Electrical and Computer Engineering*

Ryan J. Cooney  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Natalie Correa  
*Electrical and Computer Engineering*

Cassandra Noelle Dale  
*Electrical and Computer Engineering*

Mahir Ugurtan Derman  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Camila Di Fino Napolitano  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Tyler A. Ducharme  
*Electrical and Computer Engineering*  
*Minor in Business*

Thomas Fong  
*Electrical and Computer Engineering*  
*Minor in International and*  
*Global Studies*

Adam Garner Garcia  
*Electrical and Computer Engineering*

Kayleah Louise Griffen  
*Electrical and Computer Engineering*  
*Mechanical Engineering*

Evan Robert Hasenfeld  
*Electrical and Computer Engineering*

Ronald Arthur Hibbard Jr.  
*Electrical and Computer Engineering*

Alima Y. Kargbo  
*Electrical and Computer Engineering*

Nicholas Lloyd Kulick  
*Electrical and Computer Engineering*

Jamison R. LaRoche  
*Electrical and Computer Engineering*

Gage Alexander Laskowski  
*Electrical and Computer Engineering*  
*Minor in Business*

Kevin Dian Lee  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Alex Matthew Legere  
*Electrical and Computer Engineering*

Courtney Jean Lewis  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Aidan Tattersall Lippert  
*Electrical and Computer Engineering*

Steven A. Loftin  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Franc Luga  
*Electrical and Computer Engineering*

Matthew Albert Mahan  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Nicholas Daniel Maino  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Dario Martinovic  
*Electrical and Computer Engineering*

John Michael Mastascusa  
*Electrical and Computer Engineering*  
*Minor in Business*

Jacob Mikolajczyk  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Michael Milliard  
*Electrical and Computer Engineering*

Brian J. Mitchell  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Melvin Thomas Moore III  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Valerie A. Moore  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Ian J. Nolan  
*Electrical and Computer Engineering*

Alexander B. O'Neil  
*Electrical and Computer Engineering*

Michael T. Padberg  
*Electrical and Computer Engineering*

Mark Stephen Panett Jr.  
*Electrical and Computer Engineering*

Michael J. Paquette  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Zachary J. Peasha  
*Electrical and Computer Engineering*

Jared Greene Perkins  
*Electrical and Computer Engineering*

Jade Alyson Skye Pierce  
*Electrical and Computer Engineering*

Tasnim Rahman  
*Electrical and Computer Engineering*

Alexander Craig Rawley  
*Electrical and Computer Engineering*

Carter Charles Reynolds  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Regina Caeli Reynolds  
*Electrical and Computer Engineering*  
*Interactive Media and*  
*Game Development*  
*Minor in Spanish*

Jake Henry Rivard  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Melissa Rivera  
*Electrical and Computer Engineering*

Elizabeth Rooney  
*Electrical and Computer Engineering*

Julia Bredl Rugo  
*Electrical and Computer Engineering*

Rachel Marie Scaer  
*Electrical and Computer Engineering*

Cara Ann Seely  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Kazim Hyder Nizam H. Shaikh  
*Electrical and Computer Engineering*

Suilio J. Simo  
*Electrical and Computer Engineering*

Abdelrahman M. Sirry  
*Electrical and Computer Engineering*

Peter John Smith  
*Electrical and Computer Engineering*

Samuel N. Smith  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Daniel L. Song  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Mizael Soto  
*Electrical and Computer Engineering*

Rekik Nitsuhsew Tafesse  
*Electrical and Computer Engineering*

Niang Suan Thang  
*Electrical and Computer Engineering*

Duc H. Tran  
*Electrical and Computer Engineering*  
*Minor in Data Science*  
*Minor in Mathematics*

Patrick Michael Trant  
*Electrical and Computer Engineering*  
*Minor in Drama/Theatre*

Justin John Trott  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

Avik Vimal  
*Electrical and Computer Engineering*

Thomas Vining  
*Electrical and Computer Engineering*

Shanshan Xie  
*Electrical and Computer Engineering*

Tianyi Xu  
*Electrical and Computer Engineering*  
*Minor in Mechanical Engineering*

Mingxin Yu  
*Electrical and Computer Engineering*

Matej Vilem Zampach  
*Electrical and Computer Engineering*

Xinyuan Simon Zhang  
*Electrical and Computer Engineering*  
*Minor in Computer Science*

**MECHANICAL ENGINEERING  
DEPARTMENT**

Joseph T. Abinader  
*Mechanical Engineering*  
*Minor in Robotics Engineering*

Jack A. Agolli  
*Aerospace Engineering*  
Awarded February 23, 2018

Roger Michael Aiudi  
*Aerospace Engineering*  
*Minor in Computer Science*

Daniel Glenn Alonzo  
*Mechanical Engineering with  
Thermal-Fluid Engineering*  
*Minor in Computer Science*

Nicole Leigh Alves  
*Mechanical Engineering*

Daniel Paul Arthur  
*Mechanical Engineering*

Joseph Edward Atchue  
*Mechanical Engineering*  
*Minor in Chinese Studies*

Spencer James Austin  
*Mechanical Engineering*  
*Minor in Business*

Bryant Michael Babel  
*Mechanical Engineering*

Michael George Bahnan  
*Mechanical Engineering with  
Biomechanical*

Mackenzie M. Banker  
*Mechanical Engineering*  
*Minor in Mathematics*

Cody Anthony Beckel  
*Mechanical Engineering*  
Awarded February 23, 2018

Shane M. Bell  
*Mechanical Engineering*

Kristen Marie Bender  
*Mechanical Engineering with  
Biomechanical*  
*Professional Writing*

Samuel C. Bickham  
*Mechanical Engineering with  
Mechanical Design*

Andrzej J. Bielecki  
*Mechanical Engineering*

Kurt Joseph Bilis  
*Mechanical Engineering*

Timothy Edward Bill  
*Mechanical Engineering with  
Mechanical Design*  
*Minor in Business*

Reid Cobb Billings  
*Mechanical Engineering*

Nicholas Geordi Borsari  
*Mechanical Engineering with  
Mechanical Design*

Jeffrey Elon Brathwaite  
*Mechanical Engineering*

Charles S. Brooks IV  
*Mechanical Engineering*  
*Minor in Business*

Jacob F. Bryant  
*Mechanical Engineering with  
Mechanical Design*  
*Minor in History*

Maura Jeanne Buckley  
*Mechanical Engineering*

Franklyn Ezekiel Bucknor Jr.  
*Mechanical Engineering*

Jason Michael Bugarin  
*Mechanical Engineering with  
Materials Science and Engineering*

Andrew John Buley  
*Mechanical Engineering*

John W. Bylund  
*Mechanical Engineering*

Jeremy R. Campo  
*Aerospace Engineering*

Matias Francisco Campos Abad  
*Aerospace Engineering*  
*Minor in Robotics Engineering*

Ryan Joseph Capozzi  
*Aerospace Engineering*

Brett A. Carbonneau  
*Mechanical Engineering*  
*Minor in Materials*  
*Minor in Business*

Andrew Robert Casella  
*Mechanical Engineering*

Katelyn Kimi Chagami  
*Mechanical Engineering*  
*Minor in Electrical and*  
*Computer Engineering*

Collin W. Chen  
*Mechanical Engineering*  
*Minor in Architectural Engineering*

Emily Taylor Chretien  
*Aerospace Engineering*  
*Minor in Materials*

Constantine Spiros Christelis  
*Mechanical Engineering with*  
*Mechanical Design*

Pavolas Nicholas Christidis  
*Mechanical Engineering*  
*Minor in Physics*

Shintaro Norman Clanton  
*Aerospace Engineering*

Priscilla J. Cole  
*Mechanical Engineering*

Katherine Rose Comeford  
*Mechanical Engineering*

Justin R. Coppolino  
*Mechanical Engineering*  
*Minor in Aerospace Engineering*

Alexander Cameron Crocker  
*Mechanical Engineering*  
*Minor in Aerospace Engineering*

Andrew Patrick Curran  
*Mechanical Engineering*

Adam John Cyran  
*Mechanical Engineering*

Harrison Hawkins Czajkowski  
*Mechanical Engineering*  
*Minor in Robotics Engineering*

Elio Gligor Daci  
*Aerospace Engineering*  
*Minor in Business*

Steven Joseph D'Agostino  
*Mechanical Engineering*

Jennifer Leigh Day  
*Mechanical Engineering*

Carolyn Rose Detora  
*Mechanical Engineering*

Raymond Augustine DiMestico  
*Mechanical Engineering*

Thai Si Dinh  
*Mechanical Engineering with*  
*Mechanical Design*  
*Minor in Computer Science*

Corey S. Dobak  
*Mechanical Engineering*  
*Minor in Materials*

Tsering Dolma  
*Mechanical Engineering*  
*Minor in Electrical and*  
*Computer Engineering*

Patrick Alexander Donaghey  
*Mechanical Engineering*

Joshua Thomas Donovan  
*Mechanical Engineering*  
Awarded February 23, 2018

James Edward Doty  
*Mechanical Engineering*

Michaela Kimberly Dowling  
*Mechanical Engineering*  
*Society, Technology and Policy*

Reynaldo David Duran  
*Mechanical Engineering with*  
*Mechanical Design*

William S.W. Dziuban  
*Mechanical Engineering*  
*Minor in Aerospace Engineering*

Matthew Kent Eaton  
*Mechanical Engineering with*  
*Mechanical Design*

Michael Joseph Eaton  
*Mechanical Engineering with*  
*Mechanical Design*  
*Minor in Writing and Rhetoric*  
*Minor in Manufacturing Engineering*

Susan Frances Elliott  
*Mechanical Engineering with*  
*Mechanical Design*  
*Minor in Spanish*

Karim Ashraf ElSayed  
*Mechanical Engineering*

Megan Michelle Errichetti  
*Mechanical Engineering*

Matthew Escalante Hurtado  
*Aerospace Engineering*

Zachary J. Estrella  
*Aerospace Engineering*  
*Minor in Materials*

Jasmine Kathrina Feliciano  
*Mechanical Engineering*

Marissa Anne Ford  
*Mechanical Engineering*

Benjamin Rudy Freed  
*Mechanical Engineering*

James Andrew Gadoury  
*Aerospace Engineering*  
Awarded October 6, 2017

Alvaro Enrique Galindo  
*Mechanical Engineering with*  
*Biomechanical*  
*Minor in Philosophy and Religion*

Alexis Ruben Gamez  
*Mechanical Engineering*

Emilee Margaret Gancarz  
*Mechanical Engineering*

Steven M. Gandolfo  
*Aerospace Engineering*

Yuxin Gao  
*Mechanical Engineering*

Matthew Luke Garcia  
*Mechanical Engineering*

Jessica M. Grabinsky  
*Mechanical Engineering*

Alexander Nicholas Grammenos  
*Mechanical Engineering*  
Awarded October 6, 2017

Allysa Noelle Xyomie Grant  
*Mechanical Engineering with  
Materials Science and Engineering*

Jacob Matthew Grealis  
*Mechanical Engineering  
Minor in Manufacturing Engineering*

Andrew Gregory  
*Mechanical Engineering*  
Awarded February 23, 2018

Michael John Griffin  
*Mechanical Engineering*  
Awarded February 23, 2018

Dexter Y. Gutierrez  
*Mechanical Engineering*

Sabrina Marie Guzzi  
*Mechanical Engineering  
Minor in Materials*

Allison Sten Hacker  
*Mechanical Engineering  
Minor in Materials*

Sylvester Halama  
*Aerospace Engineering  
Minor in Electrical and  
Computer Engineering*

Jake R. Halverson  
*Mechanical Engineering*

Shannon Lucia Harrington  
*Mechanical Engineering with  
Mechanical Design*

Justin Lee Harris  
*Mechanical Engineering  
Robotics Engineering*

Aaron Michael Hartford  
*Mechanical Engineering with  
Mechanical Design  
Minor in Manufacturing Engineering*

Brendan Patrick Harty  
*Mechanical Engineering*

Harrison Y. He  
*Mechanical Engineering*

Brian E. Healy  
*Aerospace Engineering  
Minor in Robotics Engineering*

Kirsten Mary Herchenroder  
*Mechanical Engineering with  
Mechanical Design  
Minor in Robotics Engineering*

Gilberto Alejandro Hernandez  
*Mechanical Engineering with  
Mechanical Design  
Minor in Chinese Studies*

Nicholas D. Hernandez  
*Mechanical Engineering*

Jasmine Higuera Castillo  
*Mechanical Engineering*

Connor Robert Hoeckele  
*Mechanical Engineering  
Minor in Materials*

Garrett Jeremiah Holman  
*Mechanical Engineering  
Minor in Electrical and  
Computer Engineering*

Jeremy Frye Honig  
*Mechanical Engineering  
Minor in Entrepreneurship*

Alan James Hunt  
*Mechanical Engineering*

Rachel Judith Huntley  
*Mechanical Engineering*

Peter Hurley  
*Mechanical Engineering with  
Biomechanical*

Gregory S. Jacobson Jr.  
*Aerospace Engineering  
Minor in Materials*

Jarrett Bruce Jacobson  
*Aerospace Engineering*  
Awarded October 6, 2017

Stephen Joseph Jendritz  
*Mechanical Engineering*

Zitong Jiang  
*Mechanical Engineering*

Timothy Liam Jones  
*Aerospace Engineering  
Minor in Electrical and  
Computer Engineering*

Ann Marie Kaczowka  
*Mechanical Engineering*

Yiannis Kaparos  
*Mechanical Engineering*

Spiridon E. Kasapis  
*Aerospace Engineering*

Jesse E. Kauffman  
*Mechanical Engineering*

Jake W. Kelley  
*Mechanical Engineering*

Ajay Brian King  
*Mechanical Engineering*

John David Kingston III  
*Mechanical Engineering*

Marcus J. Knodler  
*Aerospace Engineering*

Dong Hyun Ko  
*Aerospace Engineering*

Adam Koubeck  
*Aerospace Engineering  
Minor in Creative Writing*

Andonios E. Kouninis  
*Mechanical Engineering*

Patrick J. Kroyak  
*Aerospace Engineering  
Minor in Astrophysics*

Matthew Marc Lamare  
*Mechanical Engineering with  
Mechanical Design  
Robotics Engineering*

Jeremy Edward Lane  
*Mechanical Engineering*

Karina C. Larson  
*Mechanical Engineering with  
Mechanical Design*

Josephine Leingang  
*Mechanical Engineering  
Minor in Robotics Engineering  
Minor in English*

Daniel Lemire Jr.  
*Mechanical Engineering*

Matthew W. Lenthall  
*Mechanical Engineering  
Minor in Business*

Jeremiah Ross Leonard  
*Mechanical Engineering*

Andrew Hunter Libby  
*Aerospace Engineering*

Zachary John Ligham  
*Aerospace Engineering  
Minor in Mechanical Engineering*

Binxin Liu  
*Aerospace Engineering*  
Awarded October 6, 2017

Jiacheng Liu  
*Mechanical Engineering  
Civil Engineering*

Xiaozhu Liu  
*Mechanical Engineering*  
Awarded February 23, 2018

Yao Ze Long  
*Mechanical Engineering*

Caitlin Erin Lopez  
*Aerospace Engineering*

Yingjie Lu  
*Mechanical Engineering*  
Awarded February 23, 2018

Nicole E. Luiz  
*Mechanical Engineering  
Minor in Sustainability Engineering*

Theodore Samuel Lynn  
*Mechanical Engineering*

Nicholas Angelo Maio  
*Mechanical Engineering with  
Mechanical Design*

Colin Robert Maki  
*Aerospace Engineering*

Justin M. Mancovsky  
*Mechanical Engineering*

Kara Alden Martin  
*Mechanical Engineering with  
Biomechanical  
Minor in Spanish*

Kevin John Martin  
*Aerospace Engineering*

Nicholas W. Martin  
*Mechanical Engineering  
Minor in Business*

Christopher Jeffrey Massar  
*Mechanical Engineering*

Connor Albert Mastropoll  
*Mechanical Engineering*

Emily Rachel Matsco  
*Mechanical Engineering*

Amelia R. Mattesen  
*Aerospace Engineering  
Minor in History  
Minor in Astrophysics*

Christopher Ian Mayforth  
*Mechanical Engineering  
Minor in Electrical and  
Computer Engineering*

Abigail Grace McAdams  
*Mechanical Engineering*

Shawn Patrick McCarthy  
*Mechanical Engineering  
Minor in Materials*

Owen Michael McGrath  
*Aerospace Engineering  
Minor in Computer Science*

Emily Adams McLean  
*Mechanical Engineering*

Logan Howard Mendelson  
*Mechanical Engineering*

Logan Mies  
*Mechanical Engineering*

Mackenzie Lynn Miner  
*Mechanical Engineering  
Minor in Interactive Media and  
Game Development*  
Awarded October 6, 2017

Shannon Marija Moffat  
*Mechanical Engineering with  
Biomechanical  
Minor in Robotics Engineering  
Minor in International and  
Global Studies*

Charlotte Elizabeth Moore  
*Mechanical Engineering  
Minor in International and  
Global Studies*

David Stanley Moore  
*Aerospace Engineering*

Michael James Morlock  
*Mechanical Engineering*

Benjamin Stone Morton  
*Mechanical Engineering with  
Biomechanical*

James Jarlath Mosteller  
*Mechanical Engineering with  
Mechanical Design*

Megan LeeAnn Mueller  
*Mechanical Engineering  
Minor in Architectural Engineering*  
Awarded February 23, 2018

James Joseph Muller  
*Mechanical Engineering*

Louis Henry Muller V  
*Mechanical Engineering*

Rachael Elizabeth Naoum  
*Mechanical Engineering with  
Mechanical Design*

Jacob J. Nichols  
*Aerospace Engineering*

Jake Michael Nieto  
*Mechanical Engineering*  
Awarded October 6, 2017

Jack Thomas Nigro  
*Mechanical Engineering with  
Mechanical Design*

Storie Chase Nivers  
*Mechanical Engineering  
Minor in Aerospace Engineering*

Nde A. Nkimbeng  
*Mechanical Engineering  
Minor in Industrial Engineering*

Jessica L. Norman  
*Mechanical Engineering  
Minor in Aerospace Engineering  
Minor in International and  
Global Studies*

Obianuli E. Obiora  
*Mechanical Engineering*

Ricardo Ochoa  
*Mechanical Engineering  
Minor in Aerospace Engineering*

Nathaniel John O'Connor  
*Mechanical Engineering*

Haruna Okada  
*Mechanical Engineering with  
Manufacturing  
Minor in Industrial Engineering*

Oluchukwu J. Okafor  
*Mechanical Engineering  
Minor in Computer Science*

Miguel Antonio Ortiz  
*Mechanical Engineering*

Mary Ellen B. Osler  
*Mechanical Engineering  
Minor in History*

Alessandra R. Paolucci  
*Mechanical Engineering with  
Mechanical Design  
Minor in Manufacturing Engineering*

Ethan N. Paul  
*Mechanical Engineering  
Minor in Business*

Stephen J. Peccerillo  
*Aerospace Engineering*

Eric A. Pereira  
*Mechanical Engineering*

Maria Manuela Perez Luna Octavio  
*Mechanical Engineering with  
Biomechanical*

Emily M. Perkins  
*Mechanical Engineering with  
Materials Science and Engineering*

Reese Utz Petersen  
*Mechanical Engineering with  
Materials Science and Engineering*

Binh Quang Phan  
*Mechanical Engineering*

Anubhav Prasad  
*Mechanical Engineering  
Awarded October 6, 2017*

Nicholas Rathgeb Pratt  
*Mechanical Engineering with  
Thermal-Fluid Engineering*

Benjamin Patrick Preston  
*Aerospace Engineering  
Minor in Business*

Saffiyah Rafieck  
*Mechanical Engineering*

John Peter Ramos  
*Mechanical Engineering*

Steven H. Rangel  
*Mechanical Engineering with  
Mechanical Design*

Blake Rice  
*Aerospace Engineering*

Amanda Lee Richards  
*Mechanical Engineering  
Minor in Business*

Ryan Judson Rigney  
*Mechanical Engineering*

Alex J. Riley  
*Mechanical Engineering*

Jeffrey Bhanu Robinson  
*Mechanical Engineering  
Minor in Aerospace Engineering*

Noah J. Rockwell  
*Mechanical Engineering*

Connor McCain Ross  
*Mechanical Engineering*

Travis Matthews Rossen  
*Mechanical Engineering*

Harrison Charles Roy  
*Mechanical Engineering with  
Mechanical Design*

John Sullivan Russell  
*Aerospace Engineering*

Emma Kathleen Ryan  
*Mechanical Engineering*

Rachel Anne Rynazewski  
*Mechanical Engineering  
Minor in Drama/Theatre*

Md Shamsur Rahman Saikat  
*Mechanical Engineering*

Kamyar Sajjadi  
*Aerospace Engineering*

Daniel Patrick Salisbury  
*Mechanical Engineering*

Christopher Alden Salomone  
*Mechanical Engineering  
Awarded February 23, 2018*

Matthew T. Sanchy  
*Aerospace Engineering with  
Minor in Electrical and  
Computer Engineering*

Drew Pare Sansoucy  
*Mechanical Engineering*

Jarrett Andrew Sarnell  
*Mechanical Engineering  
Minor in Mathematics  
Minor in Drama/Theatre*

Benjamin Schooler  
*Mechanical Engineering with  
Mechanical Design*

Brad Thomas Scuzzarella  
*Mechanical Engineering*

Muhammad Ali Shah  
*Mechanical Engineering*

Liam Patrick Shanahan  
*Mechanical Engineering*

Zebulon William Shippee  
*Mechanical Engineering*

Melody Man Man Shum  
*Mechanical Engineering*

Maria Sierra Rossi  
*Aerospace Engineering*  
*Minor in Electrical and*  
*Computer Engineering*

Joseph A. Silva  
*Mechanical Engineering*

Basak Soylu  
*Mechanical Engineering*

Evan M. Stelly  
*Mechanical Engineering with*  
*Mechanical Design*  
*Minor in Robotics Engineering*

Jaime Richard Stephen  
*Mechanical Engineering*

Thomas N. Stilwell  
*Aerospace Engineering*  
*Robotics Engineering*

Ivanna Marie Stuart  
*Mechanical Engineering*

Rachel Casimira Sudol  
*Mechanical Engineering*

Rachel Lee Swanson  
*Mechanical Engineering*  
*Society, Technology and Policy*

Antonios Aimilios Tachiaos  
*Mechanical Engineering*

Weijia Tao  
*Mechanical Engineering*  
Awarded October 6, 2017

Cote Taylor  
*Mechanical Engineering with*  
*Mechanical Design*

Taylor Marie Teed  
*Mechanical Engineering*  
*Minor in Business*

Nasjela Thodhoraqi  
*Mechanical Engineering with*  
*Mechanical Design*

Nabeel Joseph Tokatli  
*Aerospace Engineering*  
*Minor in Business*

Joseph J. Tomellini  
*Mechanical Engineering*  
*Minor in English*

Valentina Vacarez  
*Mechanical Engineering*

Nicolás Vayas Tobar  
*Mechanical Engineering*

Julia May Veitch  
*Mechanical Engineering with*  
*Biomechanical*

Mary T. Vierling  
*Aerospace Engineering*  
*Minor in Astrophysics*  
*Minor in Computer Science*

Logan Visser  
*Mechanical Engineering*  
*Minor in Manufacturing Engineering*

Theodore Chesler Wallach  
*Mechanical Engineering*  
*Minor in Electrical and*  
*Computer Engineering*

Zachary Edward Walsh  
*Mechanical Engineering with*  
*Mechanical Design*

Aaron David Weeks  
*Mechanical Engineering*

Rachel Elizabeth Welch  
*Mechanical Engineering*  
*Minor in Spacecraft Systems and*  
*Management*

James W. Whelan  
*Mechanical Engineering*  
*Minor in Manufacturing Engineering*

Julia Halannah White  
*Mechanical Engineering*

Anthony Richard Wilkens  
*Mechanical Engineering*

Michael Patrick Wilkinson  
*Mechanical Engineering with*  
*Mechanical Design*

Connor McClaine Willgress  
*Mechanical Engineering*

Kelcy Grace Williams  
*Mechanical Engineering*  
*Minor in Writing and Rhetoric*

Tristram H. Winship  
*Aerospace Engineering*

Amile Niall Zaaf  
*Mechanical Engineering*

Jia Cheng Zhou  
*Mechanical Engineering*

Yunze Zhu  
*Mechanical Engineering*  
*Minor in Computer Science*

Zihan Zhu  
*Mechanical Engineering*  
Awarded February 23, 2018

David Francis Zielinski  
*Mechanical Engineering*  
*Minor in Music*

Shady José Zummar Ghazaleh  
*Mechanical Engineering*

**ROBOTICS ENGINEERING  
PROGRAM**

Jonathan C. Andrews  
*Robotics Engineering*

Nathan S. Beeten  
*Robotics Engineering*

Marissa Ann Bennett  
*Robotics Engineering*  
*Minor in Computer Science*

Jordan Scott Burklund  
*Robotics Engineering*  
*Computer Science*

Matthew James Carnein  
*Robotics Engineering*

Nikhil Mario Castelino  
*Robotics Engineering*  
*Computer Science*

Junbo Chen  
*Robotics Engineering*  
*Computer Science*

Vanshaj Chowdhary  
*Robotics Engineering*  
*Computer Science*

Richard P. Cole  
*Robotics Engineering*  
*Mechanical Engineering*  
*Minor in Drama/Theatre*

Brandon Victor Coll  
*Robotics Engineering*  
*Computer Science*

Kenneth Elden Colpritt  
*Robotics Engineering*

Dominic J. Cupo  
*Robotics Engineering*

Kezheng Dai  
*Robotics Engineering*  
Awarded February 23, 2018

Richard Theodore Eberheim  
*Robotics Engineering*  
Awarded October 6, 2017

Elijah John Eldredge  
*Robotics Engineering*

Alexandra Kay Emrick  
*Robotics Engineering*  
*Minor in Data Science*

Walter Gage Gallati  
*Robotics Engineering*  
*Minor in Computer Science*

Morgan Lucy Virginia Garbett  
*Robotics Engineering*

Benjamin Kanzler Gillette  
*Robotics Engineering*  
Awarded February 23, 2018

William George Godsey  
*Robotics Engineering*

Sophia A. Gudenrath  
*Robotics Engineering*  
*Minor in International and*  
*Global Studies*

Thomas Andrew Hagen  
*Robotics Engineering*

Mary Theresa Hatfalvi  
*Robotics Engineering*

Brent M. Heavey  
*Robotics Engineering*  
*Minor in Computer Science*

Garrison James Hefter  
*Robotics Engineering*  
*Mechanical Engineering*

Killian Ceara Henson  
*Robotics Engineering*  
*Minor in Entrepreneurship*  
*Minor in Drama/Theatre*

Michael P. Hopkins  
*Robotics Engineering*  
Awarded February 23, 2018

Andrew Huynh  
*Robotics Engineering*  
*Electrical and Computer Engineering*

Hans Erik Johnson  
*Robotics Engineering*  
*Mechanical Engineering*

Brandon R. Kelly  
*Robotics Engineering*  
*Minor in Entrepreneurship*

Rayyan A. Khan  
*Robotics Engineering*

Brandon D. Knox  
*Robotics Engineering*  
*Minor in Mechanical Engineering*

Alexander J. Krasa  
*Robotics Engineering*

Kushagra Kumar  
*Robotics Engineering*

James Buchanan Kuszmaul  
*Robotics Engineering*  
*Computer Science*

Joseph Patrick Lombardi  
*Robotics Engineering*

Carolyn M. Lowe  
*Robotics Engineering*

Tucker D. Martin  
*Robotics Engineering*  
*Computer Science*  
Awarded February 23, 2018

Elizabeth Martino  
*Robotics Engineering*  
*Biomedical Engineering*

Peter D. Mitrano  
*Robotics Engineering*  
*Computer Science*

Patrick S. Murphy  
*Robotics Engineering*  
*Computer Science*

Duong Duc Tung Nguyen  
*Robotics Engineering*  
*Electrical and Computer Engineering*

Hoang P. Nguyen  
*Robotics Engineering*  
*Mechanical Engineering*  
*with Mechanical Design*

Travis Youngblood Norris  
*Robotics Engineering*  
*Professional Writing*

Sarah A. O'Grady  
*Robotics Engineering*  
*Minor in Business*

Christopher J. O'Shea  
*Robotics Engineering*  
*Minor in Computer Science*

Alexander C. Pappas  
*Robotics Engineering*

Parmenion Patias  
*Robotics Engineering*  
*Minor in Entrepreneurship*

Victor Pina  
*Robotics Engineering*  
*Mechanical Engineering*

Kenneth A. Quartuccio III  
*Robotics Engineering*  
*Minor in Manufacturing Engineering*

Alberto Ramirez  
*Robotics Engineering*  
*Minor in Mechanical Engineering*

Paul Solomon Gold Raynes  
*Robotics Engineering*  
*Minor in Interactive Media and*  
*Game Development*  
Awarded October 6, 2017

Leah Estel Terese Reppucci  
*Robotics Engineering*  
*Humanities and Arts with*  
*German Studies*

Guillermo Rene Rivera Figueroa  
*Robotics Engineering*  
*Minor in Computer Science*

Tanuj Sane  
*Robotics Engineering*  
*Computer Science*

Taylor Alan Stephen  
*Robotics Engineering*  
*Minor in Management Information Systems*

Lucy Graham Stuehrmann  
*Robotics Engineering*  
*Minor in Astrophysics*

William Sullivan Jr.  
*Robotics Engineering*  
*Electrical and Computer Engineering*

Griffin F. Tabor  
*Robotics Engineering*

Benjamin Titus  
*Robotics Engineering*  
*Electrical and Computer Engineering*

Jeffrey P. Tolbert  
*Robotics Engineering*  
*Electrical and Computer Engineering*

Tung Truong  
*Robotics Engineering*

Nikolay Alexandrovich Uvarov  
*Robotics Engineering*

Kevin Anthony Valente-Comas  
*Robotics Engineering*  
Awarded February 23, 2018

Nicolette Irene Vere  
*Robotics Engineering*

Adam Benjamin White  
*Robotics Engineering*

Joseph Morgan Wilder  
*Robotics Engineering*

Zhizhen Wu  
*Robotics Engineering*  
*Computer Science*

Keshuai Xu  
*Robotics Engineering*  
Awarded February 23, 2018

Andrey Yuzvik  
*Robotics Engineering*

Jinwei Zhang  
*Robotics Engineering*  
*Electrical and Computer Engineering*

## FOISIE BUSINESS SCHOOL

Luciana M. Alvestegui Von Borries  
*Industrial Engineering*  
*Minor in Business*

Madison Elaine Beck  
*Management Engineering with*  
*Operations Management*

Ama Adadzewa Biney  
*Management Engineering with*  
*Operations Management*

Carlos Alfonso Carle Martínez  
*Industrial Engineering*  
*Minor in Business*

Marco Antonio Castro  
*Industrial Engineering*

Natalia Sofia Cervoni  
*Industrial Engineering*  
*Minor in Business*

Eric Riley Cosmopolus  
*Management Engineering with*  
*Operations Management*

Conor Crowley  
*Management Engineering with*  
*Mechanical Engineering*  
Awarded February 23, 2018

Robert William Mohr Curtis  
*Management Information Systems*  
*Minor in Data Science*

Jahan Suresh Dadlani  
*Management Engineering with*  
*Operations Management*  
Awarded October 6, 2017

Didi Dai  
*Industrial Engineering*  
*Minor in Management Information Systems*

Paul Vincent DeMarco  
*Management Engineering with*  
*Mechanical Engineering*

Camila Siqueira Dias  
*Industrial Engineering*  
Awarded October 6, 2017

Brianna Nicole Dozier  
*Management Engineering with*  
*Operations Management*

Katharine Darcy Dunphy  
*Industrial Engineering*

Pavel Olegovich Eroshenko  
*Industrial Engineering*

Richard Anthony Falzone  
*Management Information Systems*  
Awarded February 23, 2018

Shane R. Farley  
*Management Engineering with*  
*Operations Management*

Gabrielle Therese France  
*Management Engineering with*  
*Biomedical Engineering*

Scott Isaac Friedlander  
*Management Information Systems*  
*Minor in International and*  
*Global Studies*  
*Minor in Psychology*

Andrew P. Gelinias  
*Management Information Systems*  
*Minor in Computer Science*

Sophia Jane Gomarilo  
*Industrial Engineering*  
*Minor in Statistics*

Stasha Ann Greenalch  
*Management Engineering with*  
*Operations Management*

Hamza Hachim  
*Industrial Engineering*

Christopher C. Hammer  
*Management Information Systems*  
*Minor in Data Science*

Allison Ann Holmes  
*Industrial Engineering*  
Awarded February 23, 2018

Renée Nicole Laliberte  
*Industrial Engineering*  
*Minor in Business*

Rachael Marie Lanni  
*Management Engineering with*  
*Biomedical Engineering*  
*Minor in Financial Analysis*

Katherine Rachel LaPierre  
*Management Engineering with Physics*

Nguyen Gia Le  
*Industrial Engineering*

Morgan L. Maiola  
*Management Engineering with*  
*Biomedical Engineering*

Robert Miles McGuire III  
*Management Engineering with*  
*Chemistry*

Katherine A Moore  
*Industrial Engineering*

Anthony Stephano Mower  
*Industrial Engineering*

Alexander Murphy  
*Business with General Business*  
Awarded February 23, 2018

Brendan Flaherty Nemes  
*Industrial Engineering*  
*Minor in Business*

Celeste L. Nicoletti  
*Industrial Engineering*

Colette Pellegrini de Paur  
*Management Engineering with*  
*Mechanical Engineering*

Anthony E. Perullo  
*Management Information Systems*  
*Minor in Computer Science*

Naomi F. Phillips  
*Industrial Engineering*  
*Minor in Business*  
*Minor in Spanish*

Akshay Satyanarayan Rao  
*Industrial Engineering*  
Awarded February 23, 2018

Kelly Keegan Rathje  
*Management Engineering with*  
*Operations Management*

Connor Joseph Reardon  
*Management Engineering with*  
*Civil Engineering*  
*Minor in Entrepreneurship*

David Myles Robinson  
*Industrial Engineering*

Christopher J. Rodgers  
*Industrial Engineering*

Matthew Robert Rodricks  
*Business with General Business*

Nafisat Salman  
*Industrial Engineering*

Kelsey Taylor Saucier  
*Business with General Business*

Trivani Joy Shahi  
*Management Information Systems*  
Awarded October 6, 2017

Shira Naomi Shartiag  
*Industrial Engineering*  
*Minor in Manufacturing Engineering*  
*Minor in Business*

Justine H. Sherman  
*Industrial Engineering*

Jacob Marcel Richard St. Germain  
*Management Engineering with*  
*Electrical and Computer Engineering*

Aaron M. Todd  
*Business with Business Analytics*

Akaki Tsivadze  
*Management Engineering with*  
*Electrical and Computer Engineering*

Takayoshi Tsutsui  
*Management Engineering with*  
*Mechanical Engineering*

Leif Alexander Waugh  
*Management Information Systems*  
Awarded February 23, 2018

Ashley Maurissa White  
*Industrial Engineering*  
*Minor in Management Information*  
*Systems*

Chelsea Cailin White  
*Industrial Engineering*  
*Minor in Management Information*  
*Systems*

Katelin Suzanne Wilfong  
*Management*  
Awarded October 6, 2017

— THE FOLLOWING DEGREES WERE AWARDED ON THURSDAY, MAY 10, 2018 —

DEGREE OF  
DOCTOR OF PHILOSOPHY

ARTS AND SCIENCES

Jeffrey Philippe Bibeau

*BS, Western New England University*

BIOLOGY AND BIOTECHNOLOGY—

“In Vivo Analysis and Modeling Reveals that Transient Interactions of Myosin XI, Its Cargo, and Filamentous Actin Overcome Diffusion Limitations to Sustain Polarized Cell Growth”

*Advisor: Luis Vidali*

David Michael Dolivo

*BS, University of Illinois at Chicago*

BIOLOGY AND BIOTECHNOLOGY—

“Fibroblast Activation and Pro-Fibrotic Phenotypes: Modulation by FGF2 and MAPK Signaling”

*Advisor: Tanja Dominko*

Christopher J. Legacy

*AS, Quinsigamond Community College*

*BS, Clark University*

CHEMISTRY—

“Fe-Catalyzed C $\alpha$ -H Oxidation of Tertiary Amines: Synthetic and Mechanistic Studies”

*Advisor: Marion Emmert*

Awarded: February 23, 2018

Brittany Marie Neumann

*BS, Hollins University*

BIOCHEMISTRY—

“Mechanism of PTEN Binding to Model Membranes”

*Advisor: Arne Gericke*

Seth Akonor Adjei

*BS, University of Science and Technology, Ghana*

*MS, KTH Sweden*

COMPUTER SCIENCE—

“Refining Prerequisite Skill Structure Graphs Using Randomized Controlled Trials”

*Advisor: Neil Heffernan*

Qian He

*BE, Beijing Institute of Technology, China*

*MS, Worcester Polytechnic Institute*

COMPUTER SCIENCE—

“Computational Models for Predicting Sedentary Behaviors”

*Advisor: Emmanuel Agu*

Awarded: October 6, 2017

Ahmedul Kabir

*BS, MS, University of Dhaka, Bangladesh*

COMPUTER SCIENCE—

“Mixed Bagging: A Novel Ensemble Learning Framework for Supervised Classification Based on Instance Hardness”

*Advisor: Carolina Ruiz*

Olga Poppe

*MS, Ludwig Maximilian University of Munich, Germany*

COMPUTER SCIENCE—

“Event Stream Analytics”

*Advisor: Elke Rundensteiner*

Awarded: February 23, 2018

Douglas Arthur Selent

*BS, Merrimack College*

*MS, Rivier University*

COMPUTER SCIENCE—

“Creating Systems and Applying Large-Scale Methods to Improve Student Remediation in Online Tutoring Systems in Real-time and at Scale”

*Advisor: Neil Heffernan*

Awarded: October 6, 2017

Siyuan Zhao

*BS, Xi'an Technological University, China*

*MS, South China University of Technology, China*

COMPUTER SCIENCE—

“Towards Personalized Learning using Counterfactual Inference for Randomized Controlled Trials”

*Advisor: Neil Heffernan*

Raha Moussavi-Aghdam

*BS, Worcester Polytechnic Institute*

*MA, Brown University*

LEARNING SCIENCES AND TECHNOLOGIES—

“Design, Development, and Evaluation of Scaffolds for Data Interpretation Practices During Inquiry”

*Advisor: Janice Gobert*

Korinn S. Ostrow

*BS, Rensselaer Polytechnic Institute*

*MS, Worcester Polytechnic Institute*

LEARNING SCIENCES AND TECHNOLOGIES—

“A Foundation for Educational Research at Scale: Evolution and Application”

*Advisor: Neil Heffernan*

Joseph Michael Gaone II  
*BS, MS, The University of Akron*  
 MATHEMATICAL SCIENCES—  
 “An Asymptotic Approach to Modeling Wave-geometry Interactions in an Electromagnetic Heat Exchanger”  
*Advisors: Burt Tilley, Vadim Yakovlev*

Tyler Michael Reese  
*BS, University of Connecticut*  
 MATHEMATICAL SCIENCES—  
 “Kirchhoff Graphs”  
*Advisors: Joseph Fehribach, Randy Paffenroth, Brigitte Servatius*

Hong Zhang  
*BA, BS, Wuhan University, China*  
*MS, Johns Hopkins University*  
 MATHEMATICAL SCIENCES—  
 “Novel P-value Combination Methods for Signal Detection in Large-Scale Data Analysis”  
*Advisor: Zheyang Wu.*

Sashi D. Poudel  
*BS, Tribhuvan University, Nepal*  
*MS, University of Massachusetts, Dartmouth*  
*MS, University of Massachusetts, Lowell*  
 PHYSICS—  
 “Variation in Tissue Correction Factors for LiF, Al<sub>2</sub>O<sub>3</sub> and Silicon Dosimeters as a Function of Tissue Depth with Comparison between Intensity Weighted Mono-Energetic Photon and the Poly-Energetic Photons used in Brachytherapy and Diagnostic Radiology”  
*Advisor: David Medich*  
 Awarded: February 23, 2018

## ENGINEERING

Megan O’Brien Chrobak  
*BS, University of Pittsburgh*  
*MS, Temple University*  
 BIOMEDICAL ENGINEERING—  
 “Designing Modular Fibrin Composite Scaffolds for Enhanced Ventricular Myocardium Regeneration”  
*Advisor: George Pins*  
 Awarded: February 23, 2018

Katrina Jacquelyn Hansen  
*BS, Washington State University*  
*ME, Worcester Polytechnic Institute*  
 BIOMEDICAL ENGINEERING—  
 “Development of a Human Mesenchymal Stem Cell and Pluripotent Stem Cell Derived Cardiomyocyte Seeded Biological Suture for Cell Delivery to Cardiac Tissue for Cardiac Regeneration Applications”  
*Advisor: Glenn Gaudette*  
 Awarded: February 23, 2018

Ross Charles Lagoy  
*BS, ME, Worcester Polytechnic Institute*  
 BIOMEDICAL ENGINEERING—  
 “Automated Whole-Organism Functional Screening Technologies and Neurological Disease Models in *C. Elegans*”  
*Advisor: Dirk Albrecht*

Dina J. Rassias  
*BA, Assumption College*  
*MS, Worcester Polytechnic Institute*  
*MS (second), Worcester Polytechnic Institute*  
 BIOMEDICAL ENGINEERING—  
 “The Comparative Effects of Artemisinin Delivered as Dried Leaf *Artemisia* vs. Artesunate for the Treatment of Non-small Cell Lung Cancer”  
*Advisor: Pamela Weathers*

Hannah Anderson Strobel  
*BS, Rensselaer Polytechnic Institute*  
 BIOMEDICAL ENGINEERING—  
 “Engineered Blood Vessels with Spatially Distinct Regions for Disease Modeling”  
*Advisor: Marsha Rolle*

Elaheh Kamaloo  
*BS, University of Tehran, Iran*  
*MS, Worcester Polytechnic Institute*  
 CHEMICAL ENGINEERING—  
 “Supported Lipid Bilayer Interactions with Nanoparticles, Peptides and Polymers”  
*Advisor: Terri Camesano*  
 Awarded: February 23, 2018

Lindsay Dawn Lozeau  
*BS, University of Rhode Island*  
 CHEMICAL ENGINEERING—  
 “Design and Study of Collagen-Tethered LL37 for Chronic Wound Healing”  
*Advisors: Terri Camesano, Marsha Rolle*  
 Awarded: February 23, 2018

Rui Ma  
*BS, Dalian University of Technology, China*  
 CHEMICAL ENGINEERING—  
 “Development and Experimental Validation of a CFD Model for Pd-based Membrane Technology in H<sub>2</sub> Separation and Process Intensification”  
*Advisor: Anthony Dixon*

Behnam Partopour  
*BS, University of Tehran, Iran*  
 CHEMICAL ENGINEERING—  
 “Integration of CFD and Multiscale Modeling for Improved Catalytic Reaction Engineering Models”  
*Advisor: Anthony Dixon*

Uma Maheswar Arepalli  
*MTech, Banaras Hindu University, India*  
 CIVIL ENGINEERING—  
 “A Study of Moisture Induced Material Loss of Hot Mix Asphalt (HMA)”  
*Advisor: Rajib Mallick*  
 Awarded: February 23, 2018

Wenwen Yao

*MS, University of Rochester*

CIVIL ENGINEERING—

“Removal of Sulfamethoxazole by Adsorption and Biodegradation in the Subsurface: Batch and Column Experiments with Soil and Biochar Amendments”

*Advisor: Paul Mathisen*

Awarded: February 23, 2018

Nuoyi Zhu

*MS, Worcester Polytechnic Institute*

CIVIL ENGINEERING—

“A Novel Data-Driven Framework for Real-Time Ocean Wave Monitoring Using High-Frequency Radar Systems”

*Advisor: Tahar El-Korchi*

Fardad Askarzadeh

*MS, Northeastern University*

ELECTRICAL AND COMPUTER ENGINEERING—

“Diffraction Analysis with UWB Validation for TOA Ranging in the Proximity of Human Body and Metallic Objects”

*Advisor: Kaveh Pahlavan*

Awarded: October 6, 2017

Nader Bargshady

*BS, University of California, Berkeley*

*MS, University of California, Davis*

ELECTRICAL AND COMPUTER ENGINEERING—

“Precise Tracking of Things via Hybrid 3-D Fingerprint Database and Kernel Method Particle Filter”

*Advisor: Kaveh Pahlavan*

Awarded: February 23, 2018

Cong Chen

*BS, Harbin Institute of Technology, China*

*MS, Tsinghua University, China*

ELECTRICAL AND COMPUTER ENGINEERING—

“Side Channel Leakage Exploitation, Mitigation, and Detection of Emerging Cryptosystems”

*Advisor: Thomas Eisenbarth*

Zhilu Chen

*MS, Worcester Polytechnic Institute*

ELECTRICAL AND COMPUTER ENGINEERING—

“Computer Vision and Machine Learning for Autonomous Vehicles”

*Advisor: Xinming Huang*

Awarded: February 23, 2018

Yarkin Doroz

*BS, MS, Sabanci University, Turkey*

ELECTRICAL AND COMPUTER ENGINEERING—

“New Approaches for Efficient Fully Homomorphic Encryption”

*Advisor: Berk Sunar*

Awarded: October 6, 2017

Mostafa El Gamal

*BS, Cairo University, Egypt*

*MS, University of Waterloo, Canada*

ELECTRICAL AND COMPUTER ENGINEERING—

“Distributed Statistical Learning Under Communication Constraints”

*Advisor: Lifeng Lai*

Awarded: October 6, 2017

Umair Ishaq Khan

*BS, National University of Computer and Emerging Sciences, Pakistan*

*MS, Worcester Polytechnic Institute*

ELECTRICAL AND COMPUTER ENGINEERING—

“Statistical Modelling and Performance Evaluation of TOA for Localization Inside the Human Body Using Computational Techniques”

*Advisor: Kaveh Pahlavan*

Sasidhar Tadanki

*MS, Indian Institute of Science, India*

ELECTRICAL AND COMPUTER ENGINEERING—

“Multiple Resonant Multiconductor Transmission Line Resonator Design Using Circulant Block Matrix Algebra”

*Advisor: Reinhold Ludwig*

Rui Wang

*BS, Nanjing University of Aeronautics and Astronautics, China*

*MS, Worcester Polytechnic Institute*

ELECTRICAL AND COMPUTER ENGINEERING—

“Distributed Cooperative Communications and Wireless Power Transfer”

*Advisor: D. Richard Brown*

Bingwen Zhang

*MS, Worcester Polytechnic Institute*

ELECTRICAL AND COMPUTER ENGINEERING—

“Change-Points Estimation in Statistical Inference and Machine Learning Problems”

*Advisor: Lifeng Lai*

Awarded: October 6, 2017

Tan Zhang

*BS, Beijing Jiaotong University, China*

*MS, Worcester Polytechnic Institute*

ELECTRICAL AND COMPUTER ENGINEERING—

“Adaptive Energy Storage System Control for Microgrid Stability Enhancement”

*Advisor: Alexander Emanuel*

Yuteng Zhou

*BS, Southeast University, China*

*MS, Worcester Polytechnic Institute*

ELECTRICAL AND COMPUTER ENGINEERING—

“Computer Vision System-On-Chip Designs for Intelligent Vehicles”

*Advisor: Xinming Huang*

Hamed Farmahini Farahani

*BS, Kar University, Iran*  
*MS, Worcester Polytechnic Institute*  
 FIRE PROTECTION ENGINEERING—  
 “Melting of Ice and Formation of Lateral Cavity  
 During In Situ Burning in Ice-Infested Waters”  
*Advisor: Ali Rangwala*

William Jeffrey Ivans Jr.

*BS, MS, University of Florida*  
*MS, Worcester Polytechnic Institute*  
 FIRE PROTECTION ENGINEERING—  
 “A Decision Support Framework for Assessing the  
 Technical Adequacy of Performance-Based Design  
 Approaches to Fire Safety Engineering”  
*Advisors: Brian Meacham, Nicholas Dembsey*  
 Awarded: February 23, 2018

Sreenivasan Ranganathan

*BTech, University of Calicut, India*  
*MS, Indian Institute of Technology Madras, India*  
*MS, Worcester Polytechnic Institute*  
 FIRE PROTECTION ENGINEERING—  
 “Influence of Dusts on Premixed Methane-Air Flames”  
*Advisor: Ali Rangwala*

Young-Geun You

*LLB, Inha University, South Korea*  
*BS, Seoul National University of Science and  
 Technology, South Korea*  
*MS, Worcester Polytechnic Institute*  
 FIRE PROTECTION ENGINEERING—  
 “Development of a Performance-Based  
 (Multicharacteristic) Tool for Wall Insulation  
 System Optimization”  
*Advisor: Nicholas Dembsey*

Sina Askarnejad

*BS, Sharif University, Iran*  
*MS, Worcester Polytechnic Institute*  
 MECHANICAL ENGINEERING—  
 “Mechanics of Biological and Bioinspired  
 Multilayered Materials”  
*Advisor: Nima Rahbar*  
 Awarded: February 23, 2018

Amirmahdi Ghasemi

*BS, MS, Ferdowsi University of Mashhad, Iran*  
*MS, University of Massachusetts*  
 MECHANICAL ENGINEERING—  
 “Computational Modeling of Tethered Undersea  
 Kites for Power Generation”  
*Advisor: David Olinger*

Sumedh Gostu

*BTech, NIT Jamshedpur, India*  
*MS, Colorado School of Mines*  
 MATERIALS SCIENCE AND ENGINEERING—  
 “Investigation of Chemical Processes for the Production of  
 Commercially Viable High-Volume Value-Added  
 Products from Bauxite Residue”  
*Advisor: Brajendra Mishra*  
 Awarded: February 23, 2018

Guannan Guo

*MS, Worcester Polytechnic Institute*  
 MANUFACTURING ENGINEERING—  
 “Aluminum Microstructure Evolution and Effects on  
 Mechanical Properties in Quenching and Aging Process”  
*Advisors: Richard Sisson, Yiming Rong*  
 Awarded: February 23, 2018

Sean Michael Kelly

*BS, MS, Worcester Polytechnic Institute*  
 MATERIALS SCIENCE AND ENGINEERING—  
 “Recycling of Passenger Vehicles: A Framework for  
 Upcycling and Required Enabling Technologies”  
*Advisor: Diran Apelian*

Andelle Dorri Carlson Kudzal

*BS, MS, Worcester Polytechnic Institute*  
 MANUFACTURING ENGINEERING—  
 “Effect of Laser Processing Parameters on Powder Bed  
 Fusion Stainless Steel”  
*Advisor: Jianyu Liang*  
 Awarded: February 23, 2018

Haocheng Li

*MS, Worcester Polytechnic Institute*  
 AEROSPACE ENGINEERING—  
 “Modeling and Control of Kite Energy Systems”  
*Advisors: Michael Demetriou, David Olinger*  
 Awarded: February 23, 2018

Yuan Lu

*BS, Tsinghua University, China*  
*MS, Worcester Polytechnic Institute*  
 MANUFACTURING ENGINEERING—  
 “Heat Transfer, Hardenability and Steel Phase  
 Transformations during Gas Quenching”  
*Advisors: Richard Sisson, Yiming Rong*  
 Awarded: February 23, 2018

Yi Pan

*BS, Nanjing University, China*  
*MS, Worcester Polytechnic Institute*  
 MATERIALS SCIENCE AND ENGINEERING—  
 “Friction Stir Welding in Wrought and Cast Aluminum  
 Alloys: Weld Quality Evaluation, Thermo-Mechanical  
 Modeling, and Microstructure Prediction”  
*Advisor: Diana Lados*  
 Awarded: February 23, 2018

Payam Razavi

*BS, Azad University, Iran*  
*MS, Sharif University of Technology, Iran*  
 MANUFACTURING ENGINEERING—  
 “Development of High-Speed Digital Holographic  
 Shape and Displacement Measurement Methods for  
 Middle-Ear Mechanics In Vivo”  
*Advisor: Cosme Furlong-Vazquez*

Zachary Ryan Taillefer

*BS, MS, Worcester Polytechnic Institute*  
 AEROSPACE ENGINEERING—  
 “Characterization of the Near Plume Region of  
 Hexaboride and Barium Oxide Hollow Cathodes  
 Operating on Xenon and Iodine”  
*Advisor: John Blandino*  
 Awarded: February 23, 2018

Michal Talmor

*BS, Worcester Polytechnic Institute*  
 MECHANICAL ENGINEERING—  
 “Study of Small Scale EHD Driven Flow Distribution  
 Control and Heat Transfer Enhancement for Terrestrial  
 and Aerospace Thermal Control Systems”  
*Advisor: Jamal Yagoobi*

Anbo Wang

*MS, Worcester Polytechnic Institute*  
 MATERIALS SCIENCE AND ENGINEERING—  
 “Life Extension of High Temperature Structural  
 Alloys by Surface Engineering in Gas and Vacuum  
 Carburizing Atmospheres”  
*Advisor: Richard Sisson*  
 Awarded: February 23, 2018

Yangzi Xu

*MS, Worcester Polytechnic Institute*  
 MATERIALS SCIENCE AND ENGINEERING—  
 “Corrosion Behavior of Direct Metal Laser Sintered  
 Ti-6Al-4V for Orthopedic Applications”  
*Advisors: Richard Sisson, Jianyu Liang*  
 Awarded: October 6, 2017

Lei Yang

*MS, Illinois Institute of Technology*  
 MECHANICAL ENGINEERING—  
 “Flow Distribution Control and Thermal Homogenization  
 with EHD Conduction Pumping and Experimental  
 Studies in Pool Boiling and Internal Condensation”  
*Advisor: Jamal Yagoobi*  
 Awarded: October 6, 2017

Yuwei Zhai

*BS, Xi'an University of Science and Technology, China*  
*MS, Worcester Polytechnic Institute*  
 MATERIALS SCIENCE AND ENGINEERING—  
 “Microstructure Evolution, Static and Dynamic Properties,  
 and Fatigue Damage Mechanisms in Ti-6Al-4V and  
 Inconel 718 Fabricated by Laser Engineered Net Shaping”  
*Advisor: Diana Lados*

Kewen Zhang

*BS, Zhejiang University of Technology, China*  
*MS, Worcester Polytechnic Institute*  
 AEROSPACE ENGINEERING—  
 “Adaptive Controllers for Spacecraft Relative Motion  
 Using Nonlinear Dynamic Models with Nonlinearly  
 Parametrized Uncertainties and Input Saturation”  
*Advisor: Michael Demetriou*

Lei Zhang

*MS, Worcester Polytechnic Institute*  
 MATERIALS SCIENCE AND ENGINEERING—  
 “Modeling and Verification of Simulation Tools for  
 Carburizing and Carbonitriding”  
*Advisor: Richard Sisson*  
 Awarded: October 6, 2017

Mig Luo

*MS, Southeastern Louisiana University*  
 ROBOTICS ENGINEERING—  
 “Pressure-Operated Soft Robotic Snake Modeling,  
 Control, and Motion Planning”  
*Advisor: Cagdas Onal*  
 Awarded: October 6, 2017

Calder Neff Phillips-Grafflin

*BS, Union College*  
 ROBOTICS ENGINEERING—  
 “Enabling Motion Planning and Execution for Tasks  
 Involving Deformation and Uncertainty”  
*Advisor: Dmitry Berenson*  
 Awarded: October 6, 2017

Marek Wartenberg

*BS, MS, University of Connecticut*  
*MS, Politecnico di Milano, Italy*  
 ROBOTICS ENGINEERING—  
 “Towards Hands-On Cooperative Control for Closed-  
 Loop MRI-Guided Targeted Prostate Biopsy”  
*Advisor: Gregory Fischer*

## FOISIE BUSINESS SCHOOL

Mina Shojaeizadeh

*BS, University of Isfahan, Iran*  
*MS, Worcester Polytechnic Institute*  
 BUSINESS ADMINISTRATION  
 “Automatic Detection of Cognitive Load  
 and User's Age Using a Machine Learning  
 Eye Tracking System”  
*Advisor: Soussan Djamasbi*

## MASTER'S DEGREES

### ARTS AND SCIENCES

#### BIOLOGY AND BIOTECHNOLOGY DEPARTMENT

Nan Hu  
*Bioinformatics and  
Computational Biology*

Ellen Christine Pierce  
*Biology and Biotechnology*  
Awarded February 23, 2018

Diego A. Vargas Blanco  
*Biotechnology*  
Awarded February 23, 2018

Yifan Zhao  
*Bioinformatics and  
Computational Biology*  
Awarded October 6, 2017

#### BIOSCIENCE ADMINISTRATION PROGRAM

Tammy M. Adams  
*Bioscience Administration*  
Awarded October 6, 2017

Mosaab Alsaray  
*Bioscience Administration*  
Awarded October 6, 2017

Jeffrey Anderson  
*Bioscience Administration*  
Awarded October 6, 2017

Bem Roy Atsma  
*Bioscience Administration*  
Awarded October 6, 2017

Jamie Marie Capaldo  
*Bioscience Administration*  
Awarded October 6, 2017

Livia Guimaraes Carvalho Fernandes  
*Bioscience Administration*

Namsok Cho  
*Bioscience Administration*  
Awarded February 23, 2018

Larissa Marie Chudomel  
*Bioscience Administration*  
Awarded February 23, 2018

Rebecca Rose Cooper  
*Bioscience Administration*  
Awarded October 6, 2017

Julie Dorothea Creighton  
*Bioscience Administration*  
Awarded February 23, 2018

Daniel Paul DeCollibus  
*Bioscience Administration*

Hans A. Fajardo  
*Bioscience Administration*

Marissa Ann Freda  
*Bioscience Administration*  
Awarded October 6, 2017

Daniel Wayland Gage  
*Bioscience Administration*  
Awarded February 23, 2018

Theron Christopher Harpole  
*Bioscience Administration*  
Awarded October 6, 2017

Serene M. Jabary  
*Bioscience Administration*

Yana Kravets  
*Bioscience Administration*  
Awarded October 6, 2017

Matthew David Leary  
*Bioscience Administration*  
Awarded October 6, 2017

Allyson Lee Masci  
*Bioscience Administration*  
Awarded October 6, 2017

Wendi L. Mendoza  
*Bioscience Administration*  
Awarded October 6, 2017

Stella Milgrom  
*Bioscience Administration*  
Awarded October 6, 2017

Aesha Patel  
*Bioscience Administration*  
Awarded October 6, 2017

Carolyn Maryann Pelletier  
*Bioscience Administration*  
Awarded October 6, 2017

Dai Lin Shen  
*Bioscience Administration*  
Awarded February 23, 2018

Richard John Smart II  
*Bioscience Administration*  
Awarded October 6, 2017

Jessye Dylan Smith  
*Bioscience Administration*  
Awarded October 6, 2017

Pamela Schein Weinstein  
*Bioscience Administration*  
Awarded October 6, 2017

#### CHEMISTRY AND BIOCHEMISTRY DEPARTMENT

Ashima Singla  
*Biochemistry*  
Awarded February 23, 2018

#### COMPUTER SCIENCE DEPARTMENT

Naishadh Amin  
*Computer Science*  
Awarded February 23, 2018

Arkar Min Aung  
*Computer Science*

Han Bao  
*Computer Science*

Kenneth Joseph Carlson  
*Computer Science*  
Awarded February 23, 2018

Benjamin Israel Chaney  
*Computer Science with  
Computer Security*

Tyler J. Colombo  
*Computer Science*  
Awarded February 23, 2018

Lia Elisabeth Esper  
*Computer Science*  
Awarded February 23, 2018

Jiani Gao  
*Computer Science*

Wa Gao  
*Computer Science*

Andres Francisco Guerrero  
*Computer Science*

Tianhao Guo  
*Computer Science*

Joshua A. Hebert  
*Computer Science*

Yen-Chang Hsieh  
*Computer Science*

Zhenyu Hu  
*Computer Science*

Zhanfeng Huang  
*Computer Science*

Rishitha Kiran  
*Computer Science*

Apoorva Ravindra Lad  
*Computer Science*

Alexander Baron Lash  
*Computer Science*

Zeling Lei  
*Computer Science*

Weihaio Li  
*Computer Science*

Bolun Lin  
*Computer Science*

Fangyu Lin  
*Computer Science*  
Awarded February 23, 2018

Yuchen Liu  
*Computer Science*

Charles J. Lovering  
*Computer Science*

Jinyan Lyu  
*Computer Science*

Zhe Lyu  
*Computer Science*

Tingting Ma  
*Computer Science*

Saranya Manoharan  
*Computer Science*

Neeraj S. Menon  
*Computer Science*

Haneen Othman Metwalli  
*Computer Science*  
Awarded February 23, 2018

Kirthika Muthukumaran  
*Computer Science*  
Awarded February 23, 2018

Giang Hoang Nguyen  
*Computer Science*

Duc Minh Pham  
*Computer Science*  
Awarded February 23, 2018

Vaseem Abbas Shaikh  
*Computer Science*

Kartik Shetty  
*Computer Science*

Ruo Chen Shi  
*Computer Science*

Michael Joseph Sokolovsky  
*Computer Science*

Huayan Sun  
*Computer Science*  
Awarded February 23, 2018

Sachin Rathnakar Suvarna  
*Computer Science*

Kennedy Tran  
*Computer Science*  
Awarded October 6, 2017

Sai Kiran Vadlamudi  
*Computer Science*

Qi Wang  
*Computer Science*

Qiming Wang  
*Computer Science*  
Awarded February 23, 2018

Zetian Wang  
*Computer Science*

Alexander Wesley Witt  
*Computer Science*  
Awarded October 6, 2017

Haozhe Zhang  
*Computer Science*

Xitong Zhang  
*Computer Science*

Yaqiong Zhang  
*Computer Science*  
Awarded February 23, 2018

Bing Zhao  
*Computer Science*

Qingquan Zhao  
*Computer Science*

Feng Zheng  
*Computer Science*

Chao Zhou  
*Computer Science*

You Zhou  
*Computer Science*

Jiawei Zhu  
*Computer Science*

Tongge Zhu  
*Computer Science*

## DATA SCIENCE PROGRAM

Suchithra Balakrishnan  
*Data Science*

Jiaoyan Chen  
*Data Science*

Emma L. Clavet  
*Data Science*

Xiaoting Cui  
*Data Science*

Jun Dao  
*Data Science*

Robert Anthony-Earle Delgado  
*Data Science*

Dhaval Deepak Dholakia  
*Data Science*

Abhishek Easwaran  
*Data Science*

Yousef Fadila  
*Data Science*

Rahul Ravindra Ghadge  
*Data Science*

Jui Saba Guram  
*Data Science*

Shi He  
*Data Science*

Adam Knapp  
*Data Science*

Christopher J. Kraenzle  
*Data Science*

Meng Li  
*Data Science*

Shanhao Li  
*Data Science*  
Awarded February 23, 2018

Yimin Lin  
*Data Science*

Ziqi Lin  
*Data Science*

Xi Liu  
*Data Science*

Youqiao Ma  
*Data Science*

Zili Ma  
*Data Science*

Sounthar Manickavasagam  
*Data Science*  
Awarded October 6, 2017

Karan Somaiah Ramesh Napanda  
*Data Science*

Sai Kanaka Harsha Praneeth Nooli  
*Data Science*

Jose Miguel Pasini  
*Data Science*

Yalei Peng  
*Data Science*  
Awarded February 23, 2018

Tyler Ayanna Pietri-Bostick  
*Data Science*  
Awarded February 23, 2018

Naveen Pothayath  
*Data Science*

Yanhong Huang Prusevich  
*Data Science*  
Awarded February 23, 2018

Huimin Ren  
*Data Science*

Deepan Sanghavi  
*Data Science*

Dennis Steven Silva Jr.  
*Data Science*  
Awarded February 23, 2018

Zhaoning Su  
*Data Science*

Fangzheng Sun  
*Data Science*

Jiexuan Sun  
*Data Science*

Sushma Tayanna  
*Data Science*

Yujun Tian  
*Data Science*

Congyang Wang  
*Data Science*

Meng Wang  
*Data Science*

Xiao Qun Wang  
*Data Science*

Ye Wang  
*Data Science*

Emily Catherine Weber  
*Data Science*

Qinmei Wu  
*Data Science*

Yuxuan Xia  
*Data Science*  
Awarded February 23, 2018

Chao Xu  
*Data Science*

Qing Xu  
*Data Science*

Fangling Zhang  
*Data Science*

Zhe Zhang  
*Data Science*

Yang Zheng  
*Data Science*

Xiaozhou Zou  
*Data Science*

## INTERACTIVE MEDIA AND GAME DEVELOPMENT PROGRAM

Abdelaziz Ben Yahia  
*Interactive Media and  
Game Development*

Keenan Ryan Gray  
*Interactive Media and  
Game Development*

Zackery Douglas Mason  
*Interactive Media and  
Game Development*

Chaitany Nimkar  
*Interactive Media and  
Game Development*

Mitchell James Stevens  
*Interactive Media and  
Game Development*

Jiawei Sun  
*Interactive Media and  
Game Development*  
Awarded February 23, 2018

Jing Xiong  
*Interactive Media and  
Game Development*

Bolin Zhu  
*Interactive Media and  
Game Development*

## LEARNING SCIENCES AND TECHNOLOGY PROGRAM

Rashid G. Chatani  
*Learning Sciences and Technology*

**MATHEMATICAL SCIENCES  
DEPARTMENT**

Afnan Almazmomi  
*Applied Statistics*

Lauren Michelle Baker  
*Industrial Mathematics*

Jiankun Bi  
*Applied Mathematics*

Xiaohui Chen  
*Applied Statistics*

Zhiqi Chen  
*Financial Mathematics*

Bojue Deng  
*Financial Mathematics*

Hang Ding  
*Applied Statistics*

Stacey Lee Duerden  
*Master of Mathematics for Educators*

Khasan Muratovich Dymov  
*Financial Mathematics*

Jiadong Fang  
*Applied Statistics*

Ruojing He  
*Financial Mathematics*

Xuan Jiang  
*Applied Statistics*

Xueer Jing  
*Applied Statistics*

Kathleen Rose Kay  
*Applied Mathematics*  
Awarded October 6, 2017

Kathryn Anne Larrivee  
*Master of Mathematics for Educators*  
Awarded October 6, 2017

Jiawei Li  
*Financial Mathematics*  
Awarded February 23, 2018

Zimu Li  
*Applied Mathematics*  
Awarded February 23, 2018

Anton Ifeyimika Libsch  
*Applied Statistics*

Zhenyan Lin  
*Financial Mathematics*

Rui Liu  
*Financial Mathematics*

Shiao Liu  
*Applied Statistics*

Weixi Liu  
*Financial Mathematics*

Joseph Mitchell Manseau  
*Applied Statistics*

Ming Min  
*Financial Mathematics*

Sahil Suresh Aarti Shahani  
*Financial Mathematics*

Liyi Shen  
*Applied Statistics*

Alexander Keiya Shoop  
*Financial Mathematics*

Jichuan Wang  
*Applied Statistics*

Xinzi Wang  
*Financial Mathematics*

Jinglun Wei  
*Applied Statistics*

Samuel Robert Welch  
*Master of Mathematics for Educators*  
Awarded February 23, 2018

Di Wu  
*Applied Statistics*

Zhihan Xie  
*Financial Mathematics*

Yijiang Xu  
*Financial Mathematics*

Hong Yan  
*Applied Mathematics*  
Awarded October 6, 2017

Fan Yang  
*Financial Mathematics*

Yujuan Yin  
*Applied Statistics*

Fengjie Ying  
*Applied Statistics*

Yi Yu  
*Applied Mathematics*  
Awarded February 23, 2018

Li Zhang  
*Applied Statistics*

Mian Zhang  
*Financial Mathematics*  
Awarded February 23, 2018

Zhaoyan Zhang  
*Applied Statistics*

Wei Zhao  
*Applied Statistics*

Yan Zhao  
*Financial Mathematics*

Shanshan Zhou  
*Applied Statistics*  
Awarded October 6, 2017

Xingfa Zhuang  
*Financial Mathematics*

**PHYSICS DEPARTMENT**

Prakash Adhikari  
*Physics*

Wejdan Alanazi  
*Physics*

Atanu Bikash Chatterjee  
*Physics*  
Awarded February 23, 2018

Bibi Najma  
*Physics*

Anusuya Pal  
*Physics*

Pattipong Wisanpitayakorn  
*Physics*

Hongji Yu  
*Physics*  
Awarded October 6, 2017

**SOCIAL SCIENCE AND POLICY  
STUDIES DEPARTMENT**

Stefanie Elizabeth Anderson  
*System Dynamics*  
Awarded February 23, 2018

Arash Golnam  
*System Dynamics*  
Awarded February 23, 2018

James Edward Hacunda  
*System Dynamics*  
Awarded February 23, 2018

Frederick Alton Kautz II  
*System Dynamics*  
Awarded February 23, 2018

Yiyuan Ma  
*System Dynamics*  
Awarded February 23, 2018

Robert Edward Payne  
*System Dynamics*  
Awarded October 6, 2017

**ENGINEERING**

**BIOMEDICAL ENGINEERING  
DEPARTMENT**

Jack Alexander Blanchard  
*Biomedical Engineering*

Nicholas J. Brocato  
*Biomedical Engineering*

Peter Allen Colby  
*Biomedical Engineering*  
Awarded February 23, 2018

Ritul Gupta  
*Biomedical Engineering*

Travis F. Henchie  
*Biomedical Engineering*

Theodore Paul Kostopoulos  
*Biomedical Engineering*

Erin Elizabeth LaBounty  
*Biomedical Engineering*

Theresa Jean Logan  
*Biomedical Engineering*  
Awarded February 23, 2018

Megan Elizabeth Mancuso  
*Biomedical Engineering*  
Awarded February 23, 2018

Kaitlyn Amie-Elizabeth Marengo  
*Biomedical Engineering*  
Awarded October 6, 2017

Alexander Paul Morin  
*Biomedical Engineering*  
Awarded February 23, 2018

Anna Novoseltseva  
*Biomedical Engineering*

Nhi Van Phan  
*Biomedical Engineering*

Heather Stratica  
*Biomedical Engineering*

**CHEMICAL ENGINEERING  
DEPARTMENT**

Abhinav Adhikari  
*Chemical Engineering*

Kathryn Ann Collins  
*Chemical Engineering*  
Awarded February 23, 2018

Brendan James McKeogh  
*Chemical Engineering*  
Awarded October 6, 2017

Akshat Nagpal  
*Chemical Engineering*

Jim L. Vicens  
*Chemical Engineering*

Yuanpu Wang  
*Chemical Engineering*

Yan Wu  
*Chemical Engineering*

**CIVIL AND ENVIRONMENTAL  
ENGINEERING DEPARTMENT**

Samantha Chase Ackerly  
*Environmental Engineering*  
Awarded October 6, 2017

Andrew J. Crawford  
*Environmental Engineering*

Michael Joseph Dipalma  
*Civil Engineering*  
Awarded February 23, 2018

Anna Christina Franciosa  
*Environmental Engineering*  
Awarded February 23, 2018

Emma T. Healey  
*Civil Engineering*

Kristen Deborah Hunt  
*Civil Engineering*

Nicole D'Angelo Lathrop  
*Environmental Engineering*

Tao Li  
*Construction Project Management*

Bryan Duncan Manter  
*Environmental Engineering*

Andrew Fiifi Osei  
*Environmental Engineering*

Brittany Kayla Rebello  
*Civil Engineering*

Tao Wang  
*Environmental Engineering*  
Awarded February 23, 2018

Adrienne Lee Weishaar  
*Civil Engineering*

Ri Xia  
*Construction Project Management*

**ELECTRICAL AND COMPUTER  
ENGINEERING DEPARTMENT**

Eunice Allen-Bradley <i>Systems Engineering</i>	Kevin Thomas Brown <i>Systems Engineering</i> Awarded February 23, 2018	Qijia Huang <i>Electrical and Computer Engineering</i>
Alexander Robert Arnold <i>Electrical and Computer Engineering</i> Awarded October 6, 2017	Luke William Bussanmas <i>Electrical and Computer Engineering</i>	Parker Brady Karaus <i>Electrical and Computer Engineering</i> Awarded October 6, 2017
Rachel Helen Arnold <i>Systems Engineering</i> Awarded February 23, 2018	James Peter Chasse Jr. <i>Systems Engineering</i> Awarded October 6, 2017	Joshua Ryan Karavolis <i>Systems Engineering</i> Awarded February 23, 2018
Trisa T. Augustine <i>Systems Engineering</i> Awarded October 6, 2017	Xu Chen <i>Electrical and Computer Engineering</i> Awarded February 23, 2018	Maggie Elizabeth Kendall <i>Systems Engineering</i> Awarded February 23, 2018
Omar Barkawi <i>Systems Engineering</i> Awarded February 23, 2018	Dillon Marcus Clark <i>Systems Engineering</i> Awarded February 23, 2018	Matthew Ryan Klompass <i>Systems Engineering</i> Awarded October 6, 2017
Lauren Ashley Baxter <i>Systems Engineering</i> Awarded February 23, 2018	Ian Matthew Costanzo <i>Electrical and Computer Engineering</i> Awarded October 6, 2017	Adrian Laboy <i>Systems Engineering</i> Awarded October 6, 2017
Roy Scott Belhumeur <i>Systems Engineering</i> Awarded February 23, 2018	Kadidiatou Diakite <i>Systems Engineering</i>	David P. LaPlante <i>Electrical and Computer Engineering</i> Awarded October 6, 2017
John L. Benton <i>Systems Engineering</i> Awarded February 23, 2018	Rebecca Renee Dunnigan <i>Systems Engineering</i> Awarded October 6, 2017	Peter Kendall Lavallee <i>Systems Engineering</i> Awarded February 23, 2018
Rachel Bijur <i>Systems Engineering</i> Awarded October 6, 2017	Saida Elfaquir <i>Power Systems Engineering</i>	Jonathan F. Lemoine <i>Systems Engineering</i> Awarded October 6, 2017
Heather Jillson Blease <i>Systems Engineering</i> Awarded October 6, 2017	Lorenzo Donnell Evans <i>Systems Engineering</i> Awarded February 23, 2018	Ryan Kirby Leonard <i>Power Systems Engineering</i> Awarded February 23, 2018
William Jeffrey Boyd <i>Electrical and Computer Engineering</i>	Mohammad Farmani <i>Electrical and Computer Engineering</i> Awarded October 6, 2017	Matthew Fong Leong <i>Power Systems Engineering</i> Awarded October 6, 2017
David Austin Breakfield <i>Electrical and Computer Engineering</i> Awarded October 6, 2017	Christine Elizabeth Filosa <i>Systems Engineering</i> Awarded February 23, 2018	Benjamin Andrew Levesque <i>Systems Engineering</i> Awarded February 23, 2018
Keith Shawn Britt <i>Power Systems Engineering</i> Awarded February 23, 2018	James Georges <i>Systems Engineering</i>	Chen Li <i>Electrical and Computer Engineering</i> Awarded February 23, 2018
Alex C. Brown <i>Systems Engineering</i> Awarded October 6, 2017	Kuldeep Singh Gill <i>Electrical and Computer Engineering</i> Awarded February 23, 2018	Qiankun Li <i>Electrical and Computer Engineering</i> Awarded February 23, 2018
	Thomanoon C. Hongsmatip <i>Electrical and Computer Engineering</i> Awarded February 23, 2018	Yu Li <i>Electrical and Computer Engineering</i> Awarded February 23, 2018

Yue Jerry Li  
*Electrical and Computer Engineering*

Stephen Pereira Lima  
*Systems Engineering*  
Awarded October 6, 2017

Jared M. Lindros  
*Electrical and Computer Engineering*

Jeffrey Zeziuh Lopes  
*Systems Engineering*  
Awarded October 6, 2017

Sokol Lushllari  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Thinh Gia Ly  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Matthew Scott Maassen  
*Power Systems Engineering*  
Awarded February 23, 2018

Betty Ema Mattica  
*Electrical and Computer Engineering*

William Michael McCarthy  
*Electrical and Computer Engineering*

Kelsey Bekr McGlashan  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Elliot H. Mednick  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Abhishek Manish Mehta  
*Electrical and Computer Engineering*

Louie-John Vincenzo Mistretta  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Spencer Patrick Mitchell  
*Systems Engineering*  
Awarded October 6, 2017

Joseph Mitchko  
*Electrical and Computer Engineering*

Bryce Lyon Monahan  
*Systems Engineering*  
Awarded February 23, 2018

David Morales  
*Systems Engineering*  
Awarded October 6, 2017

Matthew Francis Murphy  
*Systems Engineering*  
Awarded October 6, 2017

Long Hoang Nguyen  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Derrick Max Obara  
*Systems Engineering*  
Awarded October 6, 2017

Babak Ossia  
*Systems Engineering*

Zhenyu Pan  
*Electrical and Computer Engineering*

Tyler F. Parkin  
*Electrical and Computer Engineering*

Dinesh Chatrabhuj Patel  
*Systems Engineering*

Benjamin Robert Payeur  
*Electrical and Computer Engineering*  
Awarded October 6, 2017

Socrates Perez Morillo  
*Power Systems Engineering*

Michael John Piccirillo  
*Systems Engineering*  
Awarded October 6, 2017

Steven Douglas Porter  
*Systems Engineering*  
Awarded October 6, 2017

Bradford Douglas Powers  
*Systems Engineering*  
Awarded October 6, 2017

Erica Prevost  
*Systems Engineering*  
Awarded October 6, 2017

Amberly Lynn Prill  
*Power Systems Engineering*

Jeffrey Michael Pruden  
*Systems Engineering*  
Awarded October 6, 2017

Victor Charles Puksta  
*Systems Engineering*

Tianna Elizabeth Quiambao-Panas  
*Systems Engineering*  
Awarded February 23, 2018

Nicholas Roy Rallis  
*Systems Engineering*  
Awarded February 23, 2018

Raj Gautam Ranade  
*Systems Engineering*  
Awarded October 6, 2017

Maria Alexandra Rangel  
*Power Systems Engineering*

Asad Raza  
*Systems Engineering*  
Awarded February 23, 2018

Jonas Paul Rogers  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Nathan Andrew Rogers  
*Systems Engineering*  
Awarded February 23, 2018

Corey Wayne Running  
*Systems Engineering*

Muhammad Bilal Saleem  
*Systems Engineering*

Roger Andrew Agana Santos  
*Electrical and Computer Engineering*

Brynn Amber Schultz  
*Systems Engineering*

Demetrius Ryan Scott  
*Systems Engineering*  
Awarded February 23, 2018

Adam J. Sederholt  
*Systems Engineering*  
Awarded February 23, 2018

Alyssa Lee Seitler  
*Systems Engineering*  
Awarded February 23, 2018

Daniella Marie Shepard  
*Power Systems Engineering*  
Awarded February 23, 2018

Abhishek Jayant Singh  
*Power Systems Engineering*  
Awarded October 6, 2017

Gurpreet Singh  
*Systems Engineering*  
Awarded October 6, 2017

Robert S. Sobkowich  
*Systems Engineering*

Brandon Joseph Spirito  
*Systems Engineering*  
Awarded February 23, 2018

Ryan James Steimel  
*Power Systems Engineering*

Suganya Subramanian  
*Electrical and Computer Engineering*

Bowen Sun  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Joseph Robert Swift III  
*Power Systems Engineering*  
Awarded February 23, 2018

Kamaraj Thangavelu  
*Systems Engineering*

Duc H. Tran  
*Electrical and Computer Engineering*

David J. Vecchiarelli  
*Electrical and Computer Engineering*

Giselle Lucia Verbera  
*Electrical and Computer Engineering*

Kewal Vimal Vora  
*Electrical and Computer Engineering*

Chad Isaac Walker  
*Systems Engineering*  
Awarded October 6, 2017

Juexing Wang  
*Electrical and Computer Engineering*

Yifei Wang  
*Electrical and Computer Engineering*

Zhitong Wu  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Vincent Yam  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

Matej Vilem Zampach  
*Electrical and Computer Engineering*

Keming Zhang  
*Electrical and Computer Engineering*

Li Zhang  
*Electrical and Computer Engineering*

Yahan Zhu  
*Electrical and Computer Engineering*

Adnan Zolj  
*Electrical and Computer Engineering*

Yongcong Zou  
*Electrical and Computer Engineering*  
Awarded February 23, 2018

**FIRE PROTECTION ENGINEERING  
DEPARTMENT**

David Anthony Black  
*Fire Protection Engineering*  
Awarded October 6, 2017

Matthew John Branka  
*Fire Protection Engineering*  
Awarded February 23, 2018

Aaron Bruce Bundy  
*Fire Protection Engineering*

Sopheaktra Chhim  
*Fire Protection Engineering*  
Awarded February 23, 2018

Garrett Morse Curran  
*Fire Protection Engineering*

Lea Holly Dighello  
*Fire Protection Engineering*  
Awarded February 23, 2018

Paul Joseph Esteve  
*Fire Protection Engineering*  
Awarded February 23, 2018

Matthew R. Fegley  
*Fire Protection Engineering*  
Awarded February 23, 2018

Michael James Friedman  
*Fire Protection Engineering*  
Awarded February 23, 2018

Patrick Christopher Gates  
*Fire Protection Engineering*

Benjamin Joseph Gaudet  
*Fire Protection Engineering*

Victoria Nicole Hutchison  
*Fire Protection Engineering*

DongHae Kim  
*Fire Protection Engineering*

Christopher John LeClair  
*Fire Protection Engineering*  
Awarded February 23, 2018

Taeho Lee  
*Fire Protection Engineering*  
Awarded February 23, 2018

Julia A. MacLeod  
*Fire Protection Engineering*  
Awarded October 6, 2017

Zhaozhao Meng  
*Fire Protection Engineering*  
Awarded February 23, 2018

Amy May-Irene Misera  
*Fire Protection Engineering*  
Awarded February 23, 2018

Jack Jay-Normand Murphy  
*Fire Protection Engineering*  
Awarded February 23, 2018

James Kevin O'Hara Jr.  
*Fire Protection Engineering*

Joseph Edward Ostrowski  
*Fire Protection Engineering*  
Awarded February 23, 2018

Jillian Elizabeth Proulx  
*Fire Protection Engineering*  
Awarded February 23, 2018

Bernard Trevor Rabidou  
*Fire Protection Engineering*

Lynn Rebecca Renner  
*Fire Protection Engineering*

Fengyi Rong  
*Fire Protection Engineering*

Nathaniel G. Sauer  
*Fire Protection Engineering*

Dimitrios Savva  
*Fire Protection Engineering*

Christopher Angelo Scangas  
*Fire Protection Engineering*  
Awarded February 23, 2018

Earl Michael Schiffhauer Jr.  
*Fire Protection Engineering*

Austin Douglas Smith  
*Fire Protection Engineering*

Michael Austin Stoiko III  
*Fire Protection Engineering*

James Lawrence Taylor  
*Fire Protection Engineering*  
Awarded October 6, 2017

Peter Christopher Tuma  
*Fire Protection Engineering*  
Awarded February 23, 2018

Irene Uriarte Villanueva  
*Fire Protection Engineering*  
Awarded February 23, 2018

Teng Wang  
*Fire Protection Engineering*

Tianxiong Wang  
*Fire Protection Engineering*

Thomas Mills Washburn  
*Fire Protection Engineering*

Joseph David Weiler  
*Fire Protection Engineering*

Wee Young Woon  
*Fire Protection Engineering*

Dinghan Xue  
*Fire Protection Engineering*

Dabai Zhang  
*Fire Protection Engineering*

**MECHANICAL ENGINEERING  
DEPARTMENT**

Bryan John Adie  
*Aerospace Engineering*  
Awarded February 23, 2018

Nesa-Maria Ashley Anglin  
*Materials Science and Engineering*

Perry Joseph Ascani  
*Mechanical Engineering*

Bryant Michael Babel  
*Mechanical Engineering*

Claudio Cesar Ballestas Vanegas  
*Materials Process Engineering*

Ethan Michael Barrieau  
*Manufacturing Engineering*  
Awarded February 23, 2018

Kaitlin A. Beach  
*Mechanical Engineering*

Christopher Earle Beauchemin  
*Mechanical Engineering*  
Awarded October 6, 2017

Kenil V. Bhadani  
*Mechanical Engineering*

Daniel Joseph Braconnier  
*Materials Science and Engineering*

Jason Michael Bugarin  
*Materials Science and Engineering*

Frederick Harmon Burgwardt  
*Mechanical Engineering*

Mark Evan Campbell  
*Manufacturing Engineering*

Grace Ellen Cardarelli  
*Mechanical Engineering*

Matthew Vincen Carpenter  
*Materials Science and Engineering*  
Awarded February 23, 2018

Shu Chen  
*Materials Science and Engineering*

Zhida Chen  
*Materials Science and Engineering*

Nicholas C. Christie  
*Aerospace Engineering*  
Awarded February 23, 2018

Richard J. Coffin  
*Materials Science and Engineering*

Joshua Colon  
*Manufacturing Engineering*

Michael Randy Coraizaca  
*Mechanical Engineering*  
Awarded February 23, 2018

Rosellen Ann Daddario  
*Manufacturing Engineering*

Julia A. DelSignore  
*Mechanical Engineering*

Anthony Stephen DiBiasio  
*Mechanical Engineering*

James Edward Doty  
*Mechanical Engineering*

Lewis William DuBois  
*Materials Science and Engineering*

Shuai Duo  
*Manufacturing Engineering*

Karim Ashraf ElSayed  
*Mechanical Engineering*

Megan Michelle Errichetti  
*Mechanical Engineering*

Yuan Fang  
*Manufacturing Engineering*

Ryan Craig Fanti  
*Mechanical Engineering*  
Awarded February 23, 2018

Milad Farzad  
*Mechanical Engineering*

Darrell J. Ferris  
*Manufacturing Engineering*  
Awarded February 23, 2018

Kingsley Flomo  
*Mechanical Engineering*  
Awarded February 23, 2018

Jonathan Samuel Friedman  
*Mechanical Engineering*  
Awarded February 23, 2018

Adam James Gatehouse  
*Manufacturing Engineering*

Brad Gimbutis  
*Mechanical Engineering*  
Awarded October 6, 2017

Binod Giri  
*Mechanical Engineering*  
Awarded February 23, 2018

Keaton R.W. Goddard  
*Mechanical Engineering*

Jacqueline Lasley Goodwin  
*Mechanical Engineering*

Thomas M. Graf  
*Mechanical Engineering*

Sydney Maria Gustafson  
*Materials Science and Engineering*

Junxiu Han  
*Materials Science and Engineering*  
Awarded February 23, 2018

Stephen Michael Harnais  
*Aerospace Engineering*  
Awarded February 23, 2018

Samuel Scott Hastings  
*Mechanical Engineering*  
Awarded February 23, 2018

Erik William Hatton  
*Aerospace Engineering*  
Awarded February 23, 2018

Jonathan Haydu  
*Mechanical Engineering*

Yuhan He  
*Materials Science and Engineering*

Erin Michelle Heckley  
*Materials Science and Engineering*

Alexandra Marie Howton  
*Mechanical Engineering*

Adam Joseph Huber  
*Manufacturing Engineering*

Reisya Ichwani  
*Materials Science and Engineering*

Nandakumar Radhakrishnan Iyer  
*Mechanical Engineering*  
Awarded October 6, 2017

Steven Alan Jewell  
*Manufacturing Engineering*  
Awarded October 6, 2017

Spiridon E. Kasapis  
*Aerospace Engineering*

Erik J. Klinkhamer  
*Materials Process Engineering*

Dong Hyun Ko  
*Aerospace Engineering*

Robert Kevin LaFlamme  
*Mechanical Engineering*

Suhas Kiran Lakkundi  
*Aerospace Engineering*

Jia Li  
*Manufacturing Engineering*

Jinxu Li  
*Materials Process Engineering*

Ming Can Li  
*Mechanical Engineering*

Yutong Li  
*Aerospace Engineering*  
Awarded February 23, 2018

Zachary John Ligham  
*Aerospace Engineering*

Wenxuan Liu  
*Manufacturing Engineering*

Xiaozhu Liu  
*Mechanical Engineering*

Christopher Jeffrey Massar  
*Materials Science and Engineering*

Aaron C. McGinnis  
*Materials Science and Engineering*

Jonathan Albert Melite  
*Mechanical Engineering*

Oswell Roy Menezes  
*Manufacturing Engineering*

Anushrot Mohanty  
*Aerospace Engineering*

Ajit Ashokrao Mohekar  
*Mechanical Engineering*

Benjamin Climaco Morrow  
*Materials Process Engineering*

Daniel John Mortarelli  
*Mechanical Engineering*  
Awarded February 23, 2018

Steven Michael Murphy  
*Mechanical Engineering*

Conor Michael Naughton  
*Manufacturing Engineering*  
Awarded February 23, 2018

Peter Stephen Ofsthun  
*Aerospace Engineering*

Dhruv Chinmay Oza  
*Mechanical Engineering*

Christopher Robert Parisi  
*Mechanical Engineering*  
Awarded February 23, 2018

Winton James Parker  
*Manufacturing Engineering*

Dhruvin Kirit Patel  
*Mechanical Engineering*  
Awarded February 23, 2018

Jorge Leonardo Paucar  
*Mechanical Engineering*  
Awarded February 23, 2018

Daniel James Pelgrift  
*Aerospace Engineering*

Mirosław Popielarczyk  
*Manufacturing Engineering*  
Awarded October 6, 2017

Michael Henry Powers  
*Aerospace Engineering*

Subhrodeep Ray  
*Mechanical Engineering*

Steven Kenworthy Reiman  
*Mechanical Engineering*  
Awarded February 23, 2018

Alex Hadi Rizza  
*Mechanical Engineering*

Derek Michael Roberts  
*Mechanical Engineering*

Heather L. Selmer  
*Mechanical Engineering*

Chao Shen  
*Materials Science and Engineering*  
Awarded February 23, 2018

Yao Shen  
*Mechanical Engineering*  
Awarded February 23, 2018

Shrenik Viren Sheth  
*Manufacturing Engineering*

Kristi Shrestha  
*Mechanical Engineering*  
Awarded February 23, 2018

Ivanna Marie Stuart  
*Mechanical Engineering*

Karl T. Sundberg  
*Manufacturing Engineering*

Shane Martin Swanson  
*Aerospace Engineering*  
Awarded February 23, 2018

Yilun Tang  
*Materials Science and Engineering*

Andrew James Thompson  
*Materials Process Engineering*

Aaron Michael Vien  
*Aerospace Engineering*

Garrett Craig Wafler  
*Mechanical Engineering*  
Awarded February 23, 2018

Juanyong Wang  
*Aerospace Engineering*

Yao Wang  
*Aerospace Engineering*

Chuming Wei  
*Manufacturing Engineering*

Zachary Raymond Wingerter  
*Aerospace Engineering*  
Awarded February 23, 2018

Dapeng Xu  
*Materials Science and Engineering*  
Awarded February 23, 2018

Kaiyong Xue  
*Manufacturing Engineering*

Zachary James Ziemba  
*Mechanical Engineering*  
Awarded February 23, 2018

**POWER SYSTEMS MANAGEMENT  
PROGRAM**

Guilherme Araujo Baiao  
*Power Systems Management*

Magaly Barajas-Roman  
*Power Systems Management*  
Awarded October 6, 2017

Nicolae Dumitriu  
*Power Systems Management*  
Awarded October 6, 2017

Toukara Mustapha Fofana  
*Power Systems Management*  
Awarded October 6, 2017

Gregory James Giustino  
*Power Systems Management*  
Awarded February 23, 2018

Edward Timothy Leung  
*Power Systems Management*  
Awarded February 23, 2018

Scott Alan Schlef  
*Power Systems Management*  
Awarded October 6, 2017

Benjamin Mayer Stocks  
*Power Systems Management*  
Awarded October 6, 2017

Brian E. Sweeney  
*Power Systems Management*  
Awarded February 23, 2018

Boris Yuditskiy  
*Power Systems Management*

**ROBOTICS ENGINEERING  
PROGRAM**

Shlok Sanjay Agarwal  
*Robotics Engineering*

Daniel Belotto  
*Robotics Engineering*

Brian James Bojarski  
*Robotics Engineering*

Donald Leo Bourque  
*Robotics Engineering*  
Awarded October 6, 2017

Christopher Peter Bove  
*Robotics Engineering*

Andres Patricio Cabrera Flor  
*Robotics Engineering*  
Awarded October 6, 2017

William Francis Calabro  
*Robotics Engineering*

Michael Chan  
*Robotics Engineering*

Seth Tyler Chapman  
*Robotics Engineering*

Krunal Jagdish Chaudhari  
*Robotics Engineering*

Fuchen Chen  
*Robotics Engineering*  
Awarded February 23, 2018

Samyuktha Devadoss  
*Robotics Engineering*  
Awarded February 23, 2018

Daniel S. Durusky  
*Robotics Engineering*

Joshua V. Fulco  
*Robotics Engineering*

Katie Y. Gandomi Bernal  
*Robotics Engineering*

Sumanth Nirmal Gavarraju  
*Robotics Engineering*  
Awarded February 23, 2018

Luis Arturo Gonzalez Juarez  
*Robotics Engineering*

Aditya Gupta  
*Robotics Engineering*

Apoorva Gupta  
*Robotics Engineering*

Shanmuga Perumal Harikumar  
*Robotics Engineering*  
Awarded October 6, 2017

Meagan Elizabeth Hiatt  
*Robotics Engineering*  
Awarded February 23, 2018

Oliver Benjamin Hiller  
*Robotics Engineering*

Gunnar C Horve  
*Robotics Engineering*

Kritika Iyer  
*Robotics Engineering*

Akshat Bharat Jain  
*Robotics Engineering*

Adhavan Jayabalan  
*Robotics Engineering*

Abhishek Kashyap  
*Robotics Engineering*

Sathya Narayanan Kasturi Rangan  
*Robotics Engineering*

Shubham Chandrashya Khilari  
*Robotics Engineering*

Tri Kha Khuu  
*Robotics Engineering*

Charvak Kondapalli  
*Robotics Engineering*

James Buchanan Kuszmaul  
*Robotics Engineering*

Harikrishnan Lakshmanan  
*Robotics Engineering*  
Awarded October 6, 2017

Brandon Lee Lam  
*Robotics Engineering*

Changshuo Li  
*Robotics Engineering*  
Awarded October 6, 2017

Praneeta Mallela  
*Robotics Engineering*

Kenechukwu Churchill Mbanisi  
*Robotics Engineering*

Max T. Merlin  
*Robotics Engineering*

Janani Mohan  
*Robotics Engineering*

Ramkumar Natarajan  
*Robotics Engineering*  
Awarded October 6, 2017

Anand Parwal  
*Robotics Engineering*

Harshil Kaushik Patel  
*Robotics Engineering*

Saraj Pirasmepulkul  
*Robotics Engineering*

Yun Qin  
*Robotics Engineering*

Richard Matthew Rafferty  
*Robotics Engineering*  
Awarded October 6, 2017

Siddharthan Perunduraj Rajasekaran  
*Robotics Engineering*  
Awarded October 6, 2017

Rohit Salem  
*Robotics Engineering*

Joseph George Schornak  
*Robotics Engineering*

Sri Ramana Sekharan  
*Robotics Engineering*  
Awarded October 6, 2017

Ned Mincy Shelton II  
*Robotics Engineering*  
Awarded October 6, 2017

Monte Damaris Smith  
*Robotics Engineering*  
Awarded February 23, 2018

Srishti Srivastava  
*Robotics Engineering*  
Awarded October 6, 2017

Gopeshh Raaj Subbaraj  
*Robotics Engineering*

Vishnu Sudheer Menon  
*Robotics Engineering*  
Awarded October 6, 2017

Weijia Tao  
*Robotics Engineering*  
Awarded October 6, 2017

Jeffrey Tad Wilder  
*Robotics Engineering*

Victoria C. Wu  
*Robotics Engineering*  
Awarded February 23, 2018

Yicong Xu  
*Robotics Engineering*

## FOISIE BUSINESS SCHOOL

Shruti Sunil Adhav  
*Information Technology*

Hamza A. AlHaddad  
*Operations Analytics and Management*

Jason J. Amlof  
*Master of Business Administration*

Moses Shin Ancheta  
*Master of Business Administration*  
Awarded February 23, 2018

Arlina A. Anderson  
*Management*  
Awarded February 23, 2018

Daniele Anina  
*Management*

Elior Anina  
*Master of Business Administration*

Sina Bagheri  
*Management*  
Awarded October 6, 2017

Aashish V. Bagul  
*Information Technology*

Maanas M. Baijal  
*Information Technology*

Shanyan Bao  
*Information Technology*

Deepika Beemanpally  
*Information Technology*  
Awarded February 23, 2018

Bryant William Bertrand  
*Master of Business Administration*  
Awarded October 6, 2017

Abhishek Bhandari  
*Information Technology*

Akansha Bhatia  
*Information Technology*

Feifei Bian  
*Operations Analytics and Management*

Christopher John Biehl  
*Master of Business Administration*  
Awarded October 6, 2017

Diana Flora Branch  
*Operations Analytics and Management*  
Awarded February 23, 2018

Sean M. Burke  
*Master of Business Administration*  
Awarded February 23, 2018

Jingni Cai  
*Marketing and Innovation*

Bo Cao  
*Operations Analytics and Management*

Georges N. Chahwan  
*Management*  
Awarded October 6, 2017

Xiuli Chang  
*Marketing and Innovation*

Chuyu Chen  
*Operations Analytics and Management*

Junyi Chen  
*Information Technology*  
Awarded February 23, 2018

Sitong Chen  
*Operations Analytics and Management*

Siyu Chen  
*Information Technology*

Sizhu Chen  
*Marketing and Innovation*

Yi Dan Chen  
*Master of Business Administration*  
Awarded October 6, 2017

Youfei Chen  
*Master of Business Administration*

Susanne Marie Collado Ramos  
*Master of Business Administration*  
Awarded February 23, 2018

John Andrew Crawford  
*Operations Analytics and Management*

Prachi Sanjeev Dandekar  
*Information Technology*

Catherine Elizabeth Danko  
*Master of Business Administration*  
Awarded February 23, 2018

Robert Hopewell Darneille  
*Master of Business Administration*  
Awarded October 6, 2017

Kyle Dedmon  
*Master of Business Administration*  
Awarded October 6, 2017

Carolyn Rose Detora  
*Management*

Ankita Dey  
*Information Technology*

Emily Elizabeth Doherty  
*Operations Analytics and Management*  
Awarded February 23, 2018

Dou Dou  
*Marketing and Innovation*

Darek Dziubinski  
*Master of Business Administration*  
Awarded October 6, 2017

Miguel Enric Escuer Velasquez  
*Management*

Sean Brian Fallon  
*Management*

Sha Fang  
*Management*  
Awarded February 23, 2018

Shuzhenni (Jenny) Fang  
*Operations Analytics and Management*

Robert Joseph Felice Jr.  
*Master of Business Administration*  
Awarded October 6, 2017

Keirstan Marie Field  
*Management*  
Awarded February 23, 2018

Jose Antonio Figueroa Serra  
*Master of Business Administration*  
Awarded October 6, 2017

Jody Finch  
*Master of Business Administration*

Brendan Richard Flaherty  
*Master of Business Administration*

Laura Janine Friese  
*Management*

Jennifer Sue Gagner  
*Management*

Ashok Galla  
*Master of Business Administration*  
Awarded February 23, 2018

Neel Gehlot  
*Information Technology*

Xhorxhi Gjoka  
*Master of Business Administration*  
Awarded October 6, 2017

Megan Lynn Goodnow  
*Master of Business Administration*

WORCESTER POLYTECHNIC INSTITUTE

Mohita A. Goplani  
*Information Technology*  
Awarded February 23, 2018

Manqi Guo  
*Marketing and Innovation*

Michael Jon Hamilton Jr.  
*Marketing and Innovation*

Dwayne Anthony Hanlan  
*Master of Business Administration*

Erika A.S. Hanlan  
*Master of Business Administration*  
Awarded February 23, 2018

James Owen Hanlan  
*Master of Business Administration*  
Awarded February 23, 2018

Patrick William Hannah  
*Master of Business Administration*  
Awarded October 6, 2017

Sishi Hao  
*Information Technology*

Zeyan He  
*Operations Analytics and Management*

Abhilash M. Hegde  
*Information Technology*

Jose Apolinar Hernandez  
*Master of Business Administration*  
Awarded October 6, 2017

Ye Hong  
*Marketing and Innovation*

Chia Hsin Hsu  
*Master of Business Administration*

Leyi Hu  
*Information Technology*

Yuran Hu  
*Marketing and Innovation*  
Awarded October 6, 2017

Richard A. Hughson  
*Master of Business Administration*

Mark Douglas Hussey  
*Master of Business Administration*

Sujatha G. Iyer  
*Information Technology*

Tiantian Ji  
*Information Technology*

Le Jian  
*Information Technology*

Yulong Jiang  
*Marketing and Innovation*

Rongan Jin  
*Operations Analytics and Management*

Morgan Andrew Kapp  
*Master of Business Administration*  
Awarded February 23, 2018

Allison DiNitto Kastner  
*Master of Business Administration*

Chetan Kaur  
*Master of Business Administration*  
Awarded October 6, 2017

Siddhi Sunil Khamitkar  
*Information Technology*

Kristopher W. King  
*Master of Business Administration*

William Kuan  
*Marketing and Innovation*

Kartik Laad  
*Information Technology*

Caroline Agnes Le Pechon-Vallee  
*Master of Business Administration*

Kejiao Li  
*Operations Analytics and Management*

Linshuo Li  
*Information Technology*

Minhuizhi Li  
*Marketing and Innovation*  
Awarded February 23, 2018

Minhuizhi Li  
*Information Technology*

Siyuan Li  
*Management*  
Awarded February 23, 2018

Xuechun Li  
*Information Technology*

Yajie Li  
*Information Technology*

Yang Li  
*Information Technology*

Ruixiu Lin  
*Operations Analytics and Management*

Xin Liu  
*Marketing and Innovation*

Nikita Ashok Londhe  
*Information Technology*

Muye Lu  
*Operations Analytics and Management*

Brian Eric Lundberg  
*Operations Analytics and Management*  
Awarded February 23, 2018

Jiixin Lyu  
*Information Technology*

Zhongkun Lyu  
*Operations Analytics and Management*

Guanjie Ma  
*Marketing and Innovation*  
Awarded February 23, 2018

Yinkai Ma  
*Information Technology*

Saran Madan  
*Information Technology*  
Awarded February 23, 2018

Matthew James Marino  
*Operations Analytics and Management*  
Awarded February 23, 2018

Emily Jeanette Martin  
*Management*  
Awarded February 23, 2018

Monika Anna Maslen  
*Management*

Kyle S.F. McAlice  
*Marketing and Innovation*

Ryan J. McMahon  
*Master of Business Administration*

Jeffrey Francis Mello  
*Master of Business Administration*

Jinfu Meng  
*Information Technology*  
Awarded February 23, 2018

Mario Miele  
*Management*  
Awarded October 6, 2017

Carrie A. Miller  
*Master of Business Administration*

Michael Milliard  
*Management*

Elisabeth Gail Minko  
*Master of Business Administration*

Madalyn Amber Moore  
*Operations Design and Leadership*  
Awarded February 23, 2018

Maryam Mumtaz Abdullah Morad  
*Master of Business Administration*

Muzammil Ali Muhammad  
*Master of Business Administration*  
Awarded October 6, 2017

Abhra Mukherjee  
*Information Technology*  
Awarded February 23, 2018

Janna M. Mulhlhausen  
*Master of Business Administration*

Smita Nair  
*Information Technology*

Krishna Prasad Palika  
*Master of Business Administration*  
Awarded February 23, 2018

Priyanka Hemant Pardikar  
*Operations Design and Leadership*  
Awarded February 23, 2018

Carlos Manuel Pinero Pabon  
*Master of Business Administration*  
Awarded October 6, 2017

Kevin Maxy Pinto  
*Information Technology*

Mengyi Qiu  
*Information Technology*  
Awarded February 23, 2018

Jagannath Ramesh  
*Information Technology*

Elizabeth M. Robb  
*Master of Business Administration*

Srujan Rode  
*Information Technology*  
Awarded February 23, 2018

Kyle-Edward Leigh Rowe  
*Management*

Wenqi Rui  
*Marketing and Innovation*

Conrad Martin Ruiz  
*Management*

Sayan Saha  
*Information Technology*

Gautami Pramod Sant  
*Information Technology*  
Awarded February 23, 2018

Joseph C. Santoro  
*Master of Business Administration*

Elias Robert Schuman  
*Master of Business Administration*

Austin D. Scott  
*Management*

Kati M. Seiffer  
*Master of Business Administration*

Songchao Shao  
*Marketing and Innovation*

Chengshi Shen  
*Management*  
Awarded February 23, 2018

Priya Shrivastava  
*Information Technology*

Zimo Song  
*Operations Analytics and Management*  
Awarded October 6, 2017

Yuxuan Sun  
*Operations Analytics and Management*

Walter John Swenton  
*Master of Business Administration*  
Awarded October 6, 2017

Shalini Tallam Laxman  
*Information Technology*

Jia Tao  
*Operations Analytics and Management*

Xiaoqian Tao  
*Marketing and Innovation*

Mengyun Tian  
*Information Technology*  
Awarded February 23, 2018

Vinit Bharat Tougani  
*Information Technology*

Peter Anthony Tousignant  
*Master of Business Administration*  
Awarded October 6, 2017

Chih-Chieh Tsai  
*Operations Analytics and Management*

Ashley Renee Valdez  
*Management*

Amanda Nicole Varricchio  
*Master of Business Administration*  
Awarded October 6, 2017

Fatima Varzгани  
*Marketing and Innovation*

Mukesh Rajkumar Vishwakarma  
*Information Technology*

Brian Walker  
*Master of Business Administration*

Jing Wang  
*Operations Analytics and Management*

Ke Wang  
*Operations Analytics and Management*

Ren Wang  
*Information Technology*

Yingbei Wang  
*Operations Analytics and Management*

Harrison Erik Weisberg  
*Master of Business Administration*

Justice Malik Williams  
*Operations Analytics and Management*

Hailing Wu  
*Master of Business Administration*  
Awarded October 6, 2017

Shiyang Xia  
*Operations Analytics and Management*  
Awarded February 23, 2018

Xinyi Xiong  
*Information Technology*

Linan Xu  
*Information Technology*

Meng Xu  
*Marketing and Innovation*

Qian Xu  
*Marketing and Innovation*

Xiao Xu  
*Information Technology*  
Awarded February 23, 2018

Wei Xue  
*Marketing and Innovation*

Han Yan  
*Operations Analytics and Management*

Lu Yang  
*Management*  
Awarded February 23, 2018

Zhixiang Yang  
*Information Technology*

Yuchen Yao  
*Marketing and Innovation*  
Awarded February 23, 2018

Xiaoqing Ye  
*Marketing and Innovation*

Hongyi Yu  
*Operations Analytics and Management*

Jinjin Yu  
*Marketing and Innovation*

Xinjie Yu  
*Information Technology*  
Awarded February 23, 2018

Yanfen Yu  
*Information Technology*  
Awarded February 23, 2018

Lin Yue  
*Operations Analytics and Management*  
Awarded February 23, 2018

Kezi Zhang  
*Marketing and Innovation*

Qin Zhang  
*Marketing and Innovation*

Yiyuan Zhang  
*Marketing and Innovation*

Youzhi Zhang  
*Marketing and Innovation*

Ri Zhao  
*Marketing and Innovation*

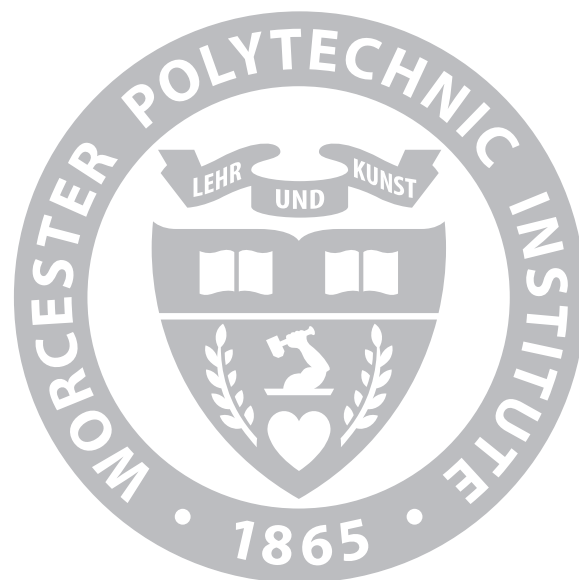
Yuhao Zheng  
*Operations Analytics and Management*  
Awarded February 23, 2018

Yue Zhou  
*Marketing and Innovation*

Man Zhuang  
*Marketing and Innovation*

#### INTERDISCIPLINARY PROGRAMS

Mirosław Popielarczyk  
*Manufacturing Engineering  
Management*  
Awarded February 23, 2018



## ACADEMIC HONORS AND AWARDS

### SALISBURY PRIZE

Patrick Bresnahan, *Chemistry / Chemical Engineering*  
Jordan Burklund, *Robotics Engineering / Computer Science*  
Stephanie Cappelli, *Environmental Engineering*  
Brandon Clark, *Chemical Engineering / Electrical and Computer Engineering*  
Ryan Cooney, *Electrical and Computer Engineering*  
Megan Errichetti, *Mechanical Engineering*  
Patrick Fitzgerald, *Physics*  
Cierra Ford, *Civil Engineering*  
Alex Hebert, *Interactive Media and Game Development*  
Megan Hoppe, *Biology and Biotechnology*  
Cole Jeznach, *Mathematical Sciences*  
Hans Johnson, *Robotics Engineering / Mechanical Engineering*  
Rachael Lanni, *Management Engineering*  
Javier Lawes, *Industrial Engineering / Civil Engineering*  
Thomas Leonard, *Actuarial Mathematics*  
Charles Lovering, *Computer Science*  
Emma MacIntyre, *Biomedical Engineering / Mechanical Engineering*  
Swarnadeep Majumder, *Physics / Electrical and Computer Engineering*  
Tyler McNeill, *Biomedical Engineering / Mechanical Engineering*  
Leah Morales, *Architectural Engineering / Electrical and Computer Engineering*  
Virginia Nunez, *Bioinformatics / Computational Biology and Biochemistry*  
Katherine Pelissari, *Environmental and Sustainability Studies*  
Rachel Santarsiero, *Professional Writing / Civil Engineering*

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

### TWO TOWERS PRIZE

Alex Markoski, *Biomedical Engineering / Mechanical Engineering*  
(AWARDED 2017)  
*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. Tyneson Petrie, author of TWO TOWERS, WPI's centennial history, published in 1965.*

### SIGMA XI UNDERGRADUATE RESEARCH AWARD

Amanda Agdeppa, Ali Hussain, Hyunsoo Kim, Victoria Loehle (*Electrical and Computer Engineering*): "Pressure Ulcer Prevention System"  
*Advisor: John McNeill*  
Siddhant Pandey (*Physics*): "Calculations Using Hermite Finite Elements"  
*Advisor: L. Ramdas Ram-Mohan*  
*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.*

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

Reynaldo Duran, "Painting a Bridge Between Past and Future" (AWARDED 2016)  
*Advisors: Bland Addison, Kristin Boudreau*  
Benjamin Huchley, "Online Avatars: An Expression of the User's Self" (AWARDED 2016)  
*Advisor: Jennifer McWeeny*  
*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.*

GRAND CHALLENGE SCHOLARS

Elio Daci, *Aerospace Engineering*  
 Derek Feehrer, *Computer Science*  
 Cierra Ford, *Civil Engineering*  
 Killian Henson, *Robotics Engineering*  
 Katie Hurlock, *Chemical Engineering*  
 Alex Markoski, *Biomedical Engineering, Mechanical Engineering*  
 Holly Nguyen, *Computer Science*  
 Parmenion Patias, *Robotics Engineering*  
 Ryan Rigney, *Mechanical Engineering*  
 Christine Schondek, *Chemical Engineering*  
 Taylor Stephen, *Robotics Engineering*  
 Taylor Teed, *Mechanical Engineering*  
 Margarite Vaccaro, *Biomedical Engineering*  
 Rachel Welch, *Mechanical Engineering*  
 Sarah Wutka, *Actuarial Science*

*The Grand Challenge Scholars Program, endorsed by the National Academy of Engineering, recognizes graduates who have connected multiple learning experiences to develop competency in five areas—research ability, multidisciplinary approaches and interdisciplinary perspectives, innovation and entrepreneurship mindset, global and intercultural competency, and social responsibility—all necessary to successfully address societal “grand challenges” in the areas of sustainability, health, security, and joy of living.*

MARIETTA E. ANDERSON AWARD

Carolyn Detora (AWARDED 2017)  
*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

Jessica Grabinsky (AWARDED 2017)  
*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

Morgan Garbett (AWARDED 2016)  
*This award, honoring a longtime secretary in the Mechanical Engineering Department, is provided by funds from an anonymous donor. Based on academic excellence, contributions to the WPI community, and professional goals, the award is given in tribute to sophomore women students preparing for careers in engineering or science, and who have played a significant role at WPI.*

GERTRUDE R. RUGG AWARD

Evelyn Grainger (AWARDED 2015)  
*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.*

THREE MINUTE THESIS (3MT<sup>®</sup>) COMPETITION AWARDS

MAIN CAMPUS SESSION

Ananthalakshmy Krishna Moorthy, *PhD, Aerospace Engineering*, “CubeSat and the Atmosphere: An enduring relationship”  
 Advisors: John Blandino, Nikolaos Gatsonis, Michael Demetriou

GATEWAY SESSION

Lida Mehdizadegan Namin, *PhD, Chemical Engineering*, “Developing Effective Catalysts for Ethanol-based Fuel Cell Cars”  
 Advisor: Aaron Deskins

GRADUATE RESEARCH INNOVATION EXCHANGE FIRST PLACE AWARDS

AEROSPACE, MANUFACTURING, MECHANICAL, CIVIL AND ENVIRONMENTAL, FIRE PROTECTION ENGINEERING

Nadia Mofidi, *Fire Protection Engineering*  
 “A Study of Cavity Effect on Flame Spread Over Kerosene-soaked Sand Bed”  
 Advisor: Ali Rangwala

BUSINESS AND SOCIAL SCIENCE

Taylyn Hulse, *Learning Sciences & Technologies*  
 “Exploring Effort: Predicting Learning from Mathematical Problem Solving Behaviors”  
 Advisor: Erin Ottmar

Awards were presented in 2018, unless otherwise noted.

CHEMICAL ENGINEERING, MATERIALS SCIENCE

Mark Strauss, *Materials Science and Engineering*  
 “Recovery, Separation and Purification of Europium and  
 Yttrium from Waste Fluorescent Lamps”  
*Advisor: Brajendra Mishra*

DATA SCIENCE, CYBERSECURITY,  
 COMPUTER SCIENCE

Suhas Srinivasan, *Data Science*  
 “Using Denoising Autoencoders to Improve the  
 Clustering Accuracy of RNA-Seq Data”  
*Advisor: Dmitry Korkin*

Susmitha Wunnava, *Data Science*  
 “Towards Detection and Extraction of Relevant  
 Information from Adverse Drug Event Narratives”  
*Advisor: Elke Rundensteiner*

DATA SCIENCE GQP

Jun Da, Huimin Ren, Meng Wang, *Data Science*  
 “Clinical Trial Coverage—Defining the Data Landscape”  
*Advisor: Fatemeh Emdad*

LIFE SCIENCES, BIOENGINEERING

Toni Delorey, *Biology and Biotechnology*  
 “Transcriptional Bimodality in Host and Fungal  
 Pathogen During Infection”  
*Advisor: Reeta Rao*

ROBOTICS, CYBERPHYSICAL SYSTEMS,  
 ELECTRICAL AND COMPUTER ENGINEERING

Katie Gandomi, *Robotics Engineering*,  
 “Emotion Detection for Enhanced Robot Mediated  
 Applied Behavioral Analysis (ABA) Autism Therapies”  
*Advisor: Gregory Fischer*

MATHEMATICAL, PHYSICAL SCIENCES

Tyler Reese, *Mathematical Sciences*  
 “Equitable Edge-Partitions of Graphs”  
*Advisor: Joseph Fehribach*

POSTDOCTORAL FELLOW

Lucia Carichino, *Mathematical Sciences*  
 “Modeling the Effect of Calcium Coupling on  
 Sperm Motility”  
*Advisor: Sarah Olson*

PRESIDENT’S IQP AWARDS

WINNERS:

William Bennett, Emily Chretien, Sophia Gomarolo,  
 Peter Hurley: “A Recommended Recycling Processing  
 System for the Informal Waste Collectors of  
 Oshakati, Namibia”

*Advisors: Robert Kinicki, Sarah Wodin-Schwartz*

Alexander Alvarez, Julia Dunn, Katharine Dunphy,  
 Alexander Lemmon: “Eye Care Delivery Through  
 Data Sharing Technology”

*Advisors: Michael Aghajanian, Diran Apelian*

FINALISTS:

Andrea Bayas, Maura Buckley, Cierra Ford, Javier Lawes:  
 “A Citizen Science Platform for Long-Term Monitoring  
 of Microplastic Pollution in Port Phillip Bay”

*Advisors: Stephen McCauley, William Michalson*

Nick Bograd, Brett Carbonneau, Alexander Krasa,  
 Benjamin Preston: “Northborough Composting:  
 A Peri-Urban Land Conflict”

*Advisors: Corey Denenberg Dehner, Derren Rosbach*

Alex Legere, Anthony Perullo, Amy Toscano,  
 Justin Waters: “Stormwater Management Educational  
 Materials for Central Massachusetts Municipalities”

*Advisors: Corey Denenberg Dehner, Purvi Shah*

PROVOST’S MQP AWARDS

ACTUARIAL MATHEMATICS

Hannah Kraus, Thomas Leonard, Hary Teklegiorgis,  
 Sarah Wutka: “Workers’ Compensation Tiering Model”

*Advisors: Jon Abraham, Barry Posterro*

AEROSPACE ENGINEERING

Sylvester Halama, Spiridon Kasapis, Marios  
 Kontopyrgos, Owen McGrath, Benjamin Preston:  
 “Estimation of a Plume with an Unmanned  
 Terrestrial Vehicle”

*Advisors: Michael Demetriou*

BIOCHEMISTRY

Tristan Cano: “Copper Homeostasis Is Important for  
 Pathogenesis of *Pseudomonas aeruginosa* in  
*Caenorhabditis elegans*”

*Advisor: José Argüello*

BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

Virginia Nunez: “Examination of a Putative Cu+  
 Importer in *Pseudomonas aeruginosa*”

*Advisor: José Argüello*

BIOLOGY AND BIOTECHNOLOGY

Allyson Day: “Physician Bias in Skin and Soft Tissue Infections and the Importance of Antimicrobial Stewardship Programs”

*Advisor: Jill Rulfs*

BIOMEDICAL ENGINEERING

Abigail Hanson, Joshua Mace, Frederick Metters, Nicole Sherlock: “Design of a Topical Antimicrobial Peptide Delivery Vehicle for the Treatment of Acne Vulgaris”

*Advisor: Marsha Rolle*

CHEMICAL ENGINEERING

Charles DeWitt, Katie Hurlock, Ian Smith, Kara Upton: “A QCM-D Analysis of Nanosilver Interactions with Supported Lipid Bilayers (SLBs) in the Presence of National Organic Matter (NOM)”

*Advisor: Terri Camesano*

CHEMISTRY

Colby Johnson: “Design and Synthesis of Zika Virus Protease Inhibitors”

*Advisor: Drew Brodeur*

ELECTRICAL AND COMPUTER ENGINEERING

Gage Laskowski, Galahad Wernsing, James Beucler: “Electrical System Implementation of Formula SAE Racing Platform”

*Advisors: Alexander Wyglinski, David Planchard*

HUMANITIES AND ARTS

Abdullah Hajjar: “Race, Religion, and Sartre's Being-for-Others”

*Advisor: Jennifer McWeeny*

INDUSTRIAL ENGINEERING

Katharine Dunphy, Sophia Gomarlo, Katherine Moore: “Analyzing Fast-Track Effectiveness at ReadyMED Plus Worcester”

*Advisor: Renata Konrad*

INTERACTIVE MEDIA AND GAME DEVELOPMENT

Isaiah Cochran, Alex Horton, Drew Tisdelle, Thomas Trieu: “Unseeable”

*Advisors: Brian Moriarty, Ralph Sutter*

MANAGEMENT INFORMATION SYSTEMS

Robert Curtis, Scott Friedlander, Andrew Gelinas, Christopher Hammer, Anthony Perullo: “Developing a Mobile App to Aid Communication in a Maternity Ward”

*Advisor: Bengisu Tulu*

MATHEMATICAL SCIENCES

Michael Giancola: “Permutation-Invariant Consensus over Crowdsourced Labels”

*Advisors: Randy Paffenroth, Jacob Whitehill*

MECHANICAL ENGINEERING

Reid Billings, Michael Morlock, Jack Nigro, Ryan Rigney, Nasjela Thodhoraqi: “Collapsible Temporary Housing Design and Optimization”

*Advisor: Sarah Wodin-Schwartz*

PHYSICS

Siddhant Pandey: “High Accuracy Electrodynamic Calculations using Hermite Finite Elements”

*Advisor: L. R. Ram-Mohan*

PROFESSIONAL WRITING

Travis Norris: “Sailbot: Communicating About Robotics Through Short-Form Video Documentary”

*Advisor: Jennifer deWinter*

ROBOTICS ENGINEERING

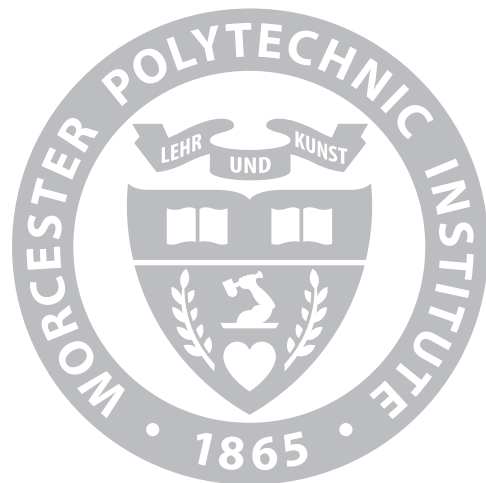
Jordan Burklund, Hans Johnson, Travis Norris, Liam Shanahan: “Sailbot 2017–2018”

*Advisor: William Michalson*

SOCIAL SCIENCE AND POLICY STUDIES

Tess Hudak: “The Homelessness Reduction Act of 2017”

*Advisors: Patricia Stapleton, Jennifer DeWinter, Dominic Golding*

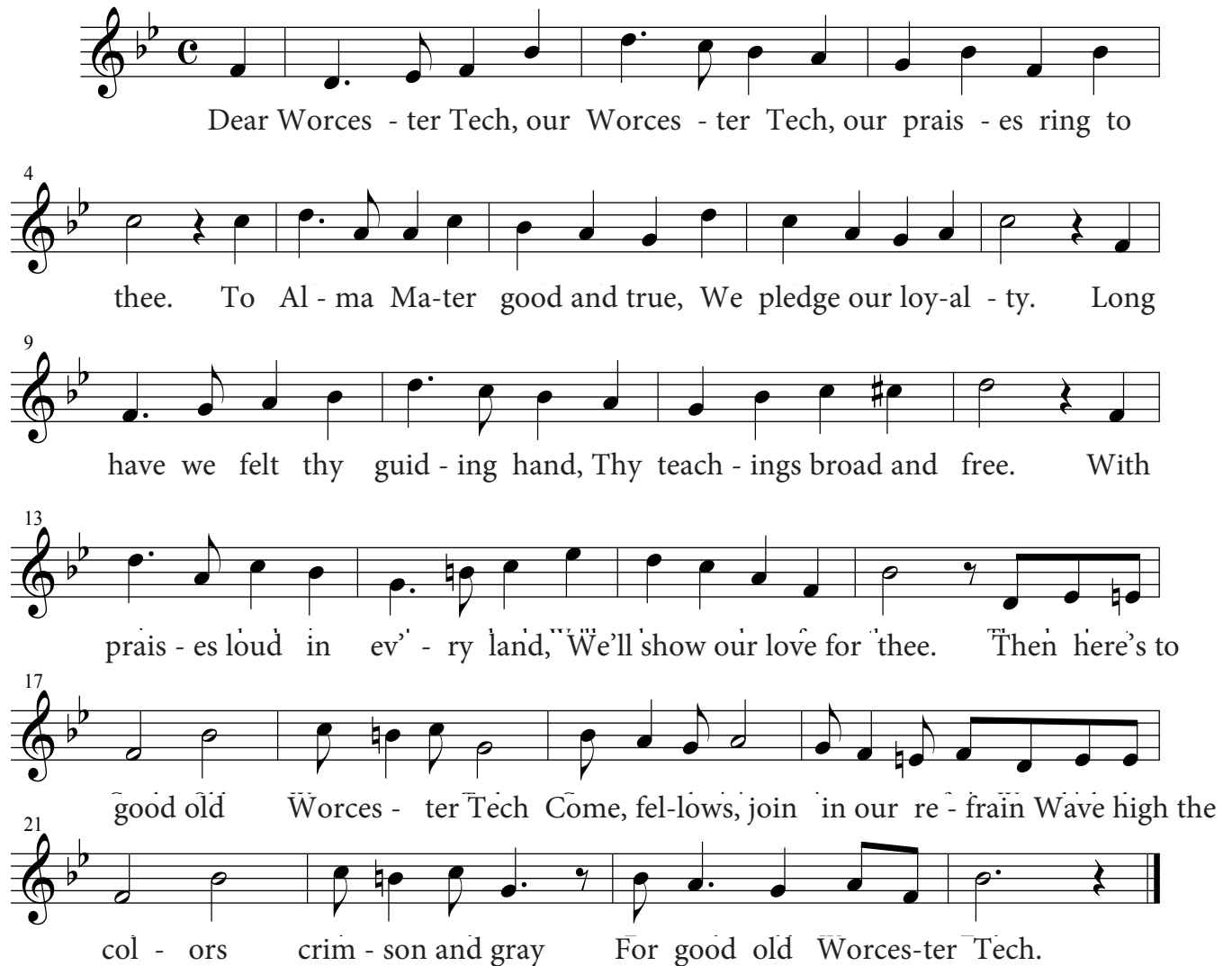


## COMMENCEMENT SPEAKERS

2017	Rodney Brooks	1967	Antonie T. Knoppers	1918	Spencer Miller '79
2016	Reshma Saujani	1966	Augustus B. Kinzel	1917	Leo H. Baekeland
2015	Bernard A. Harris Jr.	1965	Edward W. Brooke	1916	Austin M. Knight
2014	Bernard Amadei	1964	Leonard Carmichael	1915	Richard C. Maclaurin
2013	Eric S. Lander	1963	H. Ladd Plumley	1914	Mortimer E. Cooley
2012	Roger W. Ferguson Jr.	1962	Julius Seelye Bixler	1913	Ira N. Hollis
2011	Rex W. Tillerson	1961	Carlos P. Romulo	1912	Frederick P. Fish
2010	Curtis M. Schilling	1960	James R. Killian Jr.	1911	William T. Sedgwick
2009	Ursula M. Burns	1959	Frederick Andrew Seaton	1910	Ira N. Hollis
2008	Jeffrey R. Immelt	1958	Marshall Bertrand Dalton	1909	James Pierpont '86
2007	Deborah Dunsire	1957	Carter Lane Burgess	1908	James Logan
2006	Curtis R. Carlson '64	1956	John C. Warner	1907	Charles F. Scott
2005	Ray Kurzweil	1955	Clarence H. Linder	1906	Charles G. Washburn
2004	Robert P. Moses	1954	Charles F. Kettering	1905	Robert Fletcher
2003	Ellen Ochoa	1953	Ray A. Moncrieff	1904	Ira Remsen
2002	Dean Kamen '73	1952	John Davis Lodge	1903	O. H. Tittmann
2001	Henry B. Schacht	1951	Joel E. Harrell	1902	John K. Rees
2000	C. Michael Armstrong	1950	Leverett Saltonstall	1901	Nathaniel S. Shaler
1999	Eric Hahn '80	1949	Arthur Stanton Adams	1900	Edward S. Morse
1998	Ronald L. Zarrella '71	1948	Raymond A. Spruance	1899	John R. Procter
1997	R. Nicholas Burns	1947	J. Lester Perry	1898	H. S. Pritchett
1996	Norman C. Augustine	1946	Eugene E. Wilson	1897	Roger Wolcott
1995	Kathryn C. Thornton	1946	Karl T. Compton	1897	G. Stanley Hall
1994	Paul A. Allaire '60	1945	Ira Mosher	1896	Stephen Salisbury
1993	Cornelius J. Pings	1944	Robert Theobald	1896	Roger Wolcott
1992	Robert D. Ballard	1944	Randall Jacobs	1895	Frederick T. Greenhalge
1991	Frank Newman	1943	William Mather Lewis	1894	Homer T. Fuller
1990	Lester C. Thurow	1942	George H. Blakeslee	1893	None
1989	Ralph E. Gomory	1941	Harry G. Stoddard	1892	A. W. Greeley
1988	Leo J. Thomas Jr.	1940	Charles Francis Adams	1891	Francis A. Walker
1987	Robert C. Stempel '55	1939	Bruce Barton	1890	Woodrow Wilson
1986	Richard W. Lyman	1938	William F. Durand	1889	J. W. Powell
1985	Robert E. Tranquada	1937	Josephus Daniels	1888	George H. Williams
1984	John Lott Brown '46	1936	Bancroft Gherardi	1887	Robert H. Thurston
1983	Harry J. Gray	1935	Charles R. Gow	1886	Birdsey G. Northrop
1982	Howard Thomas Markey	1934	Channing H. Cox	1885	Daniel C. Gilman
1981	Melvin Kranzberg	1933	Homer L. Ferguson	1884	Eustace C. Fitz
1980	Paul MacCready Jr.	1932	John T. Donovan '82	1883	Homer T. Fuller
1979	John D. deButts	1931	Samuel M. Vauclain	1882	Alexander McKenzie
1978	George W. Hazzard	1930	Robert I. Rees	1881	William R. Ware
1977	Jean P. Mayer	1929	William H. Hobbs	1880	Joshua L. Chamberlain
1976	Carroll L. Wilson	1928	E. B. Craft	1879	Rossiter W. Raymond
1975	Kenneth E. Boulding	1927	William E. Wickenden	1878	George S. Boutwell
1974	Elliot Lee Richardson	1926	John E. Aldred	1877	Paul A. Chadbourne
1973	Glenn W. Ferguson	1925	Ralph Earle	1876	Francis A. March
1972	James F. Danielli	1924	George F. Swain	1875	Thomas Hill
1971	Alvin M. Weinberg	1923	Benjamin O. Johnson '00	1874	Josiah P. Cook
1970	Thomas O. Paine	1922	Frank Farnum Dresser	1873	Emory Washburn
1969	Daniel J. Evans	1921	Everett J. Lake	1872	Andrew P. Peabody
1968	Maxwell D. Taylor	1920	G. Stanley Hall	1871	William Trowbridge
		1919	Franklin D. Roosevelt		

## Alma Mater

Willard Hedlund, WPI Class of 1910



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

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

*A second stanza often follows:*

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