

Commencement
SPRING 2017



Greetings from the President

On behalf of the University of Florida and our administration, faculty and staff, I would like to extend my heartfelt congratulations to you, the Class of 2017, and to your family and friends.

Today's ceremony celebrates your considerable accomplishment in completing a degree program at one of the world's great universities. I share your pride and excitement, and I am confident that your degree — and the skills and experience you acquired while at this university — will serve you well in your careers and lives.

As you enjoy this celebration, you may already be headed for graduate school or a professional opportunity. I urge you to pursue your highest career aspirations while remaining attuned to your capacity to make meaningful and lasting change in people's lives.

UF graduates have a long history of service to others, and I know you will continue that tradition "For the Gator Good."

It has been a privilege to have you as a part of our community, and the university is better for your time here. I hope you remain connected to UF as active alumni and members of The Gator Nation.

Good luck, best wishes, and Go Gators!



W. Kent Fuchs

Greetings from the Dean

Congratulations to the graduates of the Class of 2017! Your hard work has paid off and you are finally ready to graduate — stepping out of the classroom and immersing yourselves in a world where technology and innovation are critical to almost every human endeavor. You are not just entering the workforce. You are stepping up into a leadership role, where you will be responsible for developing the 21st century economy and taking on the greatest challenges facing our world.

You are what we call the New Engineers.

For the past few years while you have been working on your degrees, focusing on your specific majors and your classwork, you have been exposed to a wider culture of diversity and inclusion, of entrepreneurship, of innovation, and of creative approaches to problem solving that reach across disciplines — and across differences — to work towards what we call the Gator Good. You have grown to be part of a rich community that, we hope, will guide you for years to come. Thank you for sharing your talents and enthusiasm with us these past few years. We are excited to see the impact you will make on the world. Visit us often, and Go Gators!



Cammy R. Abernathy, Ph.D.
Dean, College of Engineering

University of Florida President

Dr. Kent Fuchs became the 12th President of the University of Florida in January 2015. Under President Fuchs' leadership, the university has developed shared goals for the decade ahead. UF's overarching aspiration is to be a premier comprehensive university that the state, nation and world look to for leadership.



President Fuchs came to UF from Cornell University, where he served as provost. He also served as dean of the Cornell College of Engineering. Before that, he was the head of the School of Electrical and Computer Engineering at Purdue University and a professor in the Department of Electrical and Computer Engineering and the Coordinated Science Laboratory at the University of Illinois. President Fuchs is a fellow of the American Academy of Arts and Sciences; the American Association for the Advancement of Science; the Institute of Electrical and Electronics Engineers and the Association for Computing Machinery. He earned his doctoral degree in electrical engineering from the University of Illinois. He holds a master's degree in divinity from Trinity Evangelical Divinity School and a bachelor's degree from Duke University.

Dean of the Herbert Wertheim College of Engineering

Cammy R. Abernathy received her S.B. degree in materials science and engineering from the Massachusetts Institute of Technology in 1980, and her M.S. and Ph.D. degrees in materials science and engineering from Stanford University in 1982 and 1985 respectively. She joined the University of Florida's Department of Materials Science and Engineering as a professor in 1993. In 2004 she became the College's Associate Dean for Academic Affairs and in July 2009 was appointed Dean of the College of Engineering. Dr. Abernathy's research interests are in synthesis of thin-film electronic materials and devices using metal organic chemical vapor deposition and molecular beam epitaxy. She is the author of over 500 journal publications, over 430 conference papers, one co-authored book, 7 edited books, 8 book chapters, and 7 patents. Dr. Abernathy is a fellow of the MRS, AAAS, AVS, APS and of the Electrochemical Society. She is also a member of the American Society of Engineering Education.





What Makes a University Great?

Some interesting facts about the University of Florida

Educational Excellence

UF is consistently ranked among the nation's top universities: No. 14 in U.S. News & World Report "Top Public Universities" (2016); No. 2 on the Forbes' list of Best Value Public Universities (2016); No. 1 on Value Colleges' list of Top 50 Best Value Colleges (2016); and No. 8 on the Times Higher Education list of best universities for employers to find new hires.

Faculty

- UF has nearly 5,000 faculty members with distinguished records in teaching, research and service, including 36 Eminent Scholar chairs and 44 faculty elections to the National Academy of Sciences, Engineering, the Institute of Medicine or the American Academy of Arts and Sciences.
- Awards include two Pulitzer Prizes, NASA's top award for research, and the Smithsonian Institution's conservation award.

Students

- Ninety-seven percent of incoming freshmen score above the national average (1500/21) on standardized exams. Students admitted for the fall 2017 freshman class had an average 4.4 GPA and an average SAT score of 1930.
- More than 1,285 International Baccalaureate students were enrolled in UF in March 2016. The freshman retention rate of 96 percent is among the highest in the country.
- Among AAU public universities, UF ranked first in master's degrees and second in bachelor's degrees awarded to Hispanic students in 2014.
- Sixty-seven percent of UF full-time freshmen graduate in four years (2011-12 cohort), and 87 percent of UF freshmen graduate within six years (2009-10 cohort).
- Fifty-seven percent of UF graduates leave the university with no student-loan debt. For the remaining students, their average indebtedness is about \$21,603, as compared with the national average of over \$30,000 (2014-15).

UF

2017 SPRING
COMMENCEMENT

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Lucinda Lavelli, M.F.A.

College of the Arts

John Kraft, Ph.D.

Warrington College of Business

A. Isabel Garcia, D.D.S., M.P.H.

College of Dentistry

Chimay Anumba, Ph.D.

College of Design, Construction and Planning

Glenn E. Good, Ph.D.

College of Education

Cammy R. Abernathy, Ph.D.

Herbert Wertheim College of Engineering

Henry T. Frierson, Ph.D.

The Graduate School

Michael Reid, Ph.D.

College of Health and Human Performance

Nick Place, Ph.D.

IFAS Extension

Jacqueline Burns, Ph.D.

IFAS Research

Leonardo Villalón, Ph.D.

International Center

Diane H. McFarlin, B.S.

College of Journalism and Communications

Laura A. Rosenbury, J.D.

Fredric G. Levin College of Law

David E. Richardson, Ph.D.

College of Liberal Arts and Sciences

Michael L. Good, M.D.

College of Medicine

Anna M. McDaniel, Ph.D., R.N.

College of Nursing

Julie A. Johnson, Pharm.D.

College of Pharmacy

Michael G. Perri, Ph.D.

College of Public Health and Health Professions

James W. Lloyd, D.V.M., Ph.D.

College of Veterinary Medicine

Judith C. Russell, M.S.

University Libraries

Jen Day Shaw, Ph.D.

Dean of Students

PHOTOGRAPHS — The university requests that all commencement guests remain in their seats while taking photographs; no guests are permitted in the graduates' seating area. Photographs of the graduates as they cross the stage are available through companies that have contracts with the university. Color photographs are available from University Photography, PO Box 2454, Tuscaloosa, AL 35403-2454, 205-391-9500.

2017 SPRING
COMMENCEMENT

The Herbert Wertheim College of Engineering



The Herbert Wertheim College of Engineering at the University of Florida houses one of the largest and most dynamic engineering programs in the nation. Curriculum offered across nine departments, 15 degree programs, and more than 20 centers and institutes produces leaders and problem-solvers who take a multidisciplinary approach to innovative and human-centered solutions. Students, faculty and alumni are hailed as New Engineers who aim to transform the way we live, work and play. The college produces inventions at twice the national average — and startups at five times the national average — for every research dollar spent. Engineering is the largest professional school, the second largest college, and one of the top three research units at UF.

Established in 1910 with John R. Benton serving as dean until 1930, college initially offered programs in civil, electrical and mechanical engineering. Dean Joseph Weil served from 1937 to 1963, guiding the college through two and a half decades of tremendous change, including a post-war enrollment surge and the creation of the Engineering and Industrial Experiment Station. During his 15-year tenure, Dean Wayne H. Chen tripled enrollment and dramatically increased research funding. Beginning in 1988, Dean Winfred Phillips led the college into a new

era of expanded research programs. From 2001 to 2009, Dean Pramod Khargonekar helped create the J. Crayton Pruitt Family Department of Biomedical Engineering and launched a new version of UF EDGE — the college's distance learning online graduate degree program.

Under the leadership of Dean Cammy Abernathy, the college has opened two new institutes dedicated to preparing 21st century engineers to be leaders and entrepreneurs in a global innovation economy. Her strategic research initiatives in healthcare, security and sustainability have positioned the college to lead collaborative and transformative efforts across campus that are aimed at solving the greatest problems facing our world.

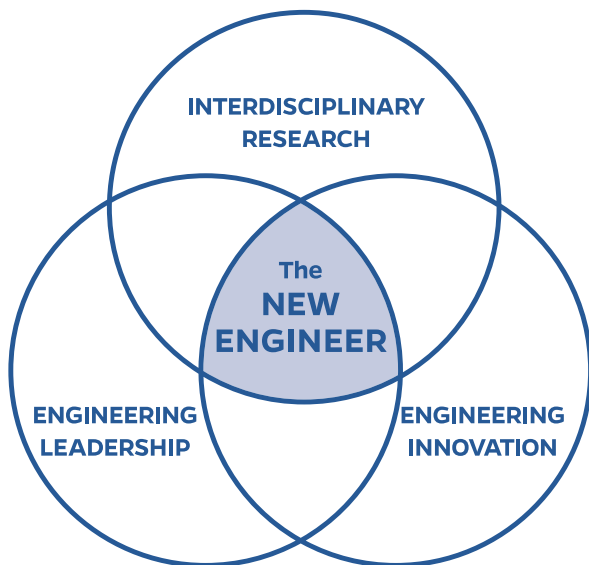
In 2015, Dean Abernathy's vision of the New Engineer was recognized and met by a man intent to change the world by investing in engineering education. Herbert Wertheim's historic \$50 million gift launched a \$300 million dollar private-public partnership that is transforming the college with increased faculty hires and student enrollment, exciting research budgets and plans for a brand new flagship building — the Herbert Wertheim Laboratory for Engineering Excellence. The Herbert Wertheim College of Engineering was named in his honor.

Powering the New Engineer to Transform the Future



The 21st century is teaching us how interdependent we are and what we can accomplish by working together. In a world where technology and innovation are critical to almost every human endeavor, engineers must serve as leaders, driving solutions for healthcare, security and sustainability.

Gator Engineering is poised to lead the next era of technological revolution by preparing a generation of engineers capable of solving global problems, and creating and commercializing the discoveries that will transform the way we live our lives, and perhaps even ‘us.’



THE NEW ENGINEER IS:

- A leader
- Ethical and principled
- Creative
- Grounded in a human-centered approach
- Focused on innovation and discovery
- Interdisciplinary
- Dynamic
- A contributor to the economy
- A contributor to the global community.
- ... and we are powering the New Engineer to transform the future.

Transforming the Future

In 2015, Dr. Herbert & Nicole Wertheim gave the largest cash gift in UF's history in support of engineering education and research. Their \$50 million catalyst gift launched a \$300 million public and private fundraising initiative that is transforming the college, and the future.

Dr. Herbert “Herbie” Wertheim is a physician, inventor, entrepreneur, philanthropist and a University of Florida Distinguished Alumnus. Dr. Wertheim was a pioneer in identifying ultraviolet light as a primary cause of cataracts and retinal deterioration. He has secured over 100 patents and trademarks, and his series of protective coatings have become the industry standard. Wertheim founded Brain Power Incorporated, and his innovative products, created with advanced robotics as well as complex chemical processes, have been a medical miracle for millions of people.



Dr. Herbert & Nicole Wertheim

The Dr. Herbert & Nicole Wertheim Family Foundation — aided by the leadership of daughters Erica Wertheim Zohar and Vanessa Von Wertheim — is committed to investing in a better world for everyone.

“The transformation made possible by the Wertheim investment signals UF engineering’s remarkable determination to become one of the leading programs in the world. It raises the stature of both the engineering college and the university. This transformation will further accelerate social and economic development in the state of Florida and the nation.”



— Kent Fuchs, University of Florida President

“UF is joining the ranks of the world’s best universities, and having a world-class engineering college is one of the keys to that success. This strategic gift is one giant step in getting there and sustaining engineering leadership in the world. The Wertheims’ investment in the college and university continues their insight in the future of mankind. This gift dramatically increases UF’s ability to impact the lives of people around the world through innovative teaching and research.”



— Steve Scott, UF Board of Trustees Chairman

Commencement Agenda

Exactech Arena at the Stephen C. O'Connell Center

Bachelor's Degree Ceremony • Sunday, April 30, 7pm

Presiding	W. Kent Fuchs, Ph.D., University of Florida President
Processional	Gainesville Brass Quintet
National Anthem	Engineering Ambassadors Kenzie Gordon, Melanie Solo, Deanna Alford, Caleb Robey, Jean Carlos Asencio Gainesville Brass Quintet
Welcome	W. Kent Fuchs
Introductions	Cammy R. Abernathy, Ph.D. Dean, Herbert Wertheim College of Engineering
Commissions in Armed Forces/Vet Recognition	Sil Perrella, Captain, U.S. Navy
Student Representative Remarks	Virginia Lane — Chemical Engineering Ty Christoff-Tempesta — Materials Science and Engineering
Commencement Address	W. Kent Fuchs
Presenting Candidates for Bachelor's Degrees	Cammy R. Abernathy
Conferring of Bachelor's Degrees	W. Kent Fuchs
Closing Remarks	W. Kent Fuchs
Alma Mater	Engineering Ambassadors, Gainesville Brass Quintet
Recessional	Gainesville Brass Quintet
Postlude	Gainesville Brass Quintet

Master's Degree Ceremony • May 1, 3pm

Presiding	Cammy R. Abernathy, Ph.D. Dean, Herbert Wertheim College of Engineering
Processional	Gainesville Brass Quintet
National Anthem	Engineering Ambassadors Kenzie Gordon, Melanie Solo, Deanna Alford, Caleb Robey, Jean Carlos Asencio Gainesville Brass Quintet
Welcome	Cammy R. Abernathy
Introductions	Wesley Bolch, Ph.D. Associate Dean for Academic Affairs, Herbert Wertheim College of Engineering
Commencement Address	Cammy R. Abernathy
Presenting Candidates for Degrees	Wesley Bolch
Conferring of Degrees	Cammy R. Abernathy
Closing Remarks	Cammy R. Abernathy
Alma Mater	Engineering Ambassadors, Gainesville Brass Quintet
Recessional	Gainesville Brass Quintet
Postlude	Gainesville Brass Quintet

The Herbert Wertheim College of Engineering Leadership

Dean & Associate Deans

Cammy R. Abernathy, Ph.D., *Dean*
Forrest Masters, Ph.D., *Associate Dean for Research
and Facilities*
Wesley E. Bolch, Ph.D., *Associate Dean for Academic Affairs*
Curtis Taylor, Ph.D., *Associate Dean for Undergraduate
Student Affairs*

Department Heads

Robert J. Thieke, Ph.D., *CCE*
Chang-Yu Wu, Ph.D., *EES*

Department Chairs and School Directors

Dorota Z. Haman, Ph.D., *ABE*
Christine E. Schmidt, Ph.D., *BME*
Richard B. Dickinson, Ph.D., *CHE*
Juan E. Gilbert, Ph.D., *CISE*
John G. Harris, Ph.D., *ECE*
Kirk Hatfield, Ph.D., *Director of the Engineering School of
Sustainable Infrastructure and Environment (ESSIE)*
Lily Eleftheriadou, Ph.D., *Interim Chair, ISE*
Michele Manuel, Ph.D., *MSE*
David W. Hahn, Ph.D., *MAE*

College Commencement Leadership

Commencement Director

Dr. Curtis R. Taylor
Associate Dean for Engineering Undergraduate Student Affairs

Chief Marshal

Dr. Fazil T. Najafi, *Professor of Civil and Coastal Engineering*

Planning Committee

Jen Ambrose, *Marketing and Communications*
Maureen Cox, *Engineering Undergraduate Student Affairs*
Helen Goh, *Director, Marketing and Communications*
Jennifer Gove-Cooper, *Engineering Undergraduate Student Affairs*
Yolanda Hankerson, *Engineering Undergraduate Student Affairs*
LaToya King, *Engineering Undergraduate Student Affairs*
Jen Li, *Marketing and Communications*
Deborah Mayhew, *Engineering Undergraduate Student Affairs*
Pingchien Neo, *Engineering Undergraduate Student Affairs*
James Ogles, *Engineering Undergraduate Student Affairs*
Darryl McCune, *Engineering Undergraduate Student Affairs*
Andrea Fabric, *Engineering Undergraduate Student Affairs*
Joel Parker, *Engineering Undergraduate Student Affairs*
Kanitra Perry, *Engineering Undergraduate Student Affairs*
Stephen Roberts, *Engineering Undergraduate Student Affairs*
Janna Underhill, *Engineering Undergraduate Student Affairs*
Shelby Barton, *Marketing and Communications*
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Loredana Petrucci, *Engineering Undergraduate Student Affairs*
Celine Bessman, *Engineering Undergraduate Student Affairs*
Daniel Juarez, *Engineering Undergraduate Student Affairs*
Valeria Torres, *Engineering Undergraduate Student Affairs*

Undergraduate Coordinators

Dr. James Leary, *Agricultural and Biological Engineering*
Dr. David Gilland, *J. Crayton Pruitt Family Department of
Biomedical Engineering*
Dr. Spyros Svoronos, *Chemical Engineering*
Dr. Robert Thieke, *Civil and Coastal Engineering*
Dr. Richard Newman, *Computer and Information Science
and Engineering*
Dr. Henry Zmuda, *Electrical and Computer Engineering*
Dr. Jean-Claude Bonzongo, *Environmental Engineering Sciences*
Dr. Serdar Kirli, *Industrial and Systems Engineering*
Dr. Gerhard Fuchs, *Materials Science and Engineering*
Dr. Bruce Carroll, *Mechanical and Aerospace Engineering*
Dr. Duwayne Schubring, *Nuclear Engineering*

Marshals

Dr. James Leary, *ABE*
Dr. Benjamin Keselowsky, *BME*
Alexander Haluska, *CCE*
Dr. Peng Jiang, *CHE*
Dr. Dan Dickrell, III, *MAE*
Dr. Steve Miller, *MAE*
Eakta Jain, *CSE*
Trokon Johnson, *ECE*
Maohua Pan, *EES*
Dr. Sepehr Proon, *ISE*
Dr. James Baciack, *MSE*
Jaime Ruiz, *CSE*
Victoria Crawford, *CSE*
Dr. Gerhard Fuchs, *ENU*
Dr. Ashok Kumar, *MAE*
Dr. Siddharth Thakur, *MAE*
Dr. John Abbitt, *MAE*
Nader Aljohani, *ECE*
Dr. Nancy Ruzyciki, *MSE*
Dr. Ray Huffaker, *ABE*
Dr. Mailisa Sarntinoranont, *MAE*
David Spelman, *EES*
Christian Rojas Vazquez, *EES*
Ryan Madler, *ECE*
Dr. Carey Toler-Franklin, *CSE*
Dr. Brandi Ormerod, *BME*
Dr. Wolfgang Sigmund, *MSE*
Paul Rocha, *MAE*
Qjao Zhang, *CHE*
Yuan Li, *CHE*
Shannon Ridgeway, *MAE*
Zhendong Cao, *EES*
Deja Jackson, *EES*
Amy Langston, *EES*
Dr. Ozgun Uzer, *ISE*
Andrew Stern, *ECE*
Alan Kuhnle, *CSE*
Dr. Kevin Otto, *BME*
Peter McPetridge, *BME*

Engineering Ambassadors 2017 Engineering Commencement Student Volunteers

Alex Knowles, *MSE*
Andy Flores, *MAE*
Anna Ball, *CHE*
Anthony Alvarez, *MAE*
Arni Catanho, *ISE*
Babatunde Balogun, *BME*
Bailey Harrell, *ABE*
Beatrice Villanueva, *ECE*
Brandon Tapasak, *MAE*
Bryan Blaise, *MAE*
Caitlin DeYoung, *EES*
Caitlin Smith, *CCE*
Caitlin Smith, *CCE*
Caleb Robey, *UCE*
Connor Jenkins, *MAE*
Corey Balko, *MAE*
David Damiani, *MAE*
David Dawson, *MSE*
Deanna Alford, *CHE*
Destiny Hartin, *ISE*
Edmuradam Sayedul Huq, *ISE*
Ellie Weinbel, *ISE*
Emma Johnson, *EES*
Ernestine Celestial, *MAE*
Eric Wagner, *MAE*
Fernando Barroso, *ISE*
Grant Owens, *ISE*
Hrishi Kalyanam, *MAE*
Jacob Hay, *CHE*
Jared Stone, *MAE*
Jasmina Horozovic, *MSE*
JeanCarlos Asencio, *MAE*
Joshua Poulalion, *ECE*
Juliana Matiz, *EES*
Kayla Duckworth, *ISE*
Kent Meredith, *MAE*
Kenzie Gordon, *CHE*
Kevin Lai, *ECE*
Leander Shedd, *ISE*
Libby Swanson, *ISE*
Melanie Solo, *CHE*
Nick Poindexter, *ECE*
Nikhil Thota, *ECE*
Ning (Nina) Gao, *ISE*
Robert Fisher, *MAE*
Sean Kutzner, *MAE*
Shannon Scoloro, *Civil*
Shivam Patel, *MAE*
Takashi Wickes, *ECE*
Tess Fielder, *MSE*
Valentina Otero, *CHE*
Wesley Schreiner, *Civil*
Yashira Zavala, *MAE*



Recognition of Outstanding Students

Brandon Harrold
University of Florida
Outstanding Leader



What is your proudest Gator moment?

My proudest Gator moment is when the University of Florida Club Golf team, which I founded and competed on, won the 2015 NCCGA Club Golf Championship in North Carolina.

What is something every Gator should know?

That you just might meet your future wife at midtown one night.

Who are the Gators who inspire you?

The Gators who inspire me are the students. They are competitive yet helpful, hard-working yet fun, and intelligent yet outgoing.

What is the most important lesson you learned from (or taught to) a fellow Gator?

As an older member in a fraternity house, I like to remind the younger Gators that while college is the time to have fun, it is also the most pivotal point in your career. UF gives you the opportunity to figure out what you want to do early in your professional life, as opposed to transitioning paths later on.

What was your most fulfilling UF role?

My most fulfilling UF role was being vice president of my fraternity on campus. I led the charge to win the chapter's first Knox Award, the highest award given to chapters nationally.

Which of your UF affiliations or activities nurtured you most?

The UF affiliation that has nurtured me the most was being a J. Wayne Reitz Scholar. It was exhilarating and inspiring to be surrounded by UF's significant student leaders.

How will you pay it forward?

I would like to provide continued support to the University Scholars Program (USP), which allowed me to skip out on getting an ordinary job and be paid to do research at UF.

What will your legacy be?

My legacy at the University of Florida will be continued by the two organizations I founded: the University of Florida Club Golf Team and the Gator Private Equity & Venture Capital Organization (GPEVCO).

Jhohan Lozano
University of Florida
Outstanding Leader
Gator Engineering Four
Year Scholar



What is something every Gator should know?

In all seriousness, every Gator should know about the free printing at the Reitz, the free tutoring at Broward Teaching Center, the free Gatorade at the infirmary and the fact that your Gator One ID gets you discounts to a lot of places.

What is your favorite Gator icon or tradition?

My favorite Gator tradition was attending the football games. There's a great atmosphere that surrounds The Swamp with 90,000 attendees cheering for what embodies a common passion at the University of Florida — football!

Who are the Gators who inspire you?

The Gators who inspire me are my fellow peers, professors and mentors. They pushed me in ways I don't think I could have alone. Michael and Andre continuously challenged me throughout my journey in engineering; Dr. Perry, who served not only as my favorite professor and research advisor, but also as a mentor of mine; and of course, all of my closest friends and role models that I made in FLC, Cicerones, SigEp and a small major known as Materials Science and Engineering.

What was the most important lesson you learned from (or taught to) a fellow Gator?

I learned how important it is to ask for help... whether it's help on an assignment from a professor or a fellow classmate, or just getting someone to listen to you. It's okay to show vulnerability and ask for help.

What was your most fulfilling UF role?

My most fulfilling UF role was being a Florida Cicerone. As Cicerones, we serve as the ambassadors of the university and give campus tours to prospective students. The fact that I was able to tour hundreds of potential Gators has allowed me to leave a personal legacy and proudly represent the Gator Nation.

Recognition of Outstanding Students

Leah M. Potts

*Gator Engineering Two
Year Scholar*



Which UF affiliations or activities nurtured you most?

The most nurturing part of my time at UF has been being a student in the Agricultural and Biological Engineering Department. I am forever grateful for the day I decided to switch majors and wandered inside Frazier Rogers Hall to ask a few questions. Since then, it has become my home. The educators and students in this department have challenged me to become my very best and encouraged me to pursue my wildest dreams.

What was your most fulfilling UF role?

Leading our Integrated Product and Process Design team has been the most fulfilling (and challenging) role at UF. Our team took on an incredibly difficult project and worked together to complete it in a limited amount of time. The long-lasting friendships I have formed with my teammates throughout this intense process are invaluable to me.

What was the most important lesson you learned from a fellow Gator?

My adviser, Dr. Leary, has taught me that I can achieve anything I put my mind to. I have sought his guidance on all manners of pursuits, from simple assignments to huge scholarship applications, and he has shown me the value in never giving up and always believing in myself.

What should every Gator know?

Every Gator should know that there are thousands of doors open to them by simply being a student on this campus. All you have to do is seek them out and keep asking questions. The opportunities here are endless, so make the most of every moment.

What will your legacy be?

I hope my legacy is one of hard work and passion. I am passionate about water, particularly in two areas — sustainable engineering and scuba diving. At first glance it seems like these passions might not mesh well, but through hard work I have earned a scholarship that allows me to spend the next year exploring cutting-edge engineering projects while also furthering my dive skills as a researcher and explorer. Anything is possible if you have passion and are willing to work hard.

Sierra McVeigh

*Gator Engineering Dean
Earle Award*



What is your proudest Gator moment?

My proudest Gator moment is participating in the STEPUP program and winning the design challenge for Shands' pediatric cancer patients. The goal was to "Make a Child Smile," so we created a gator robot with Lego NXT kits that alerted children when someone was at their door and was controlled remotely via Bluetooth. Children could also play with the gator's mouth, trying to remove their hand before it "chomped" closed.

What is your favorite Gator icon or tradition?

My favorite Gator tradition is the Gator chomp! Easily the most well-known and recognizable motion of all gator students, everyone uses it whether they are at a football game or taking photos while studying abroad. Every gator does the chomp wherever they go as a shout out back home and as a way to represent the gator nation.

What was your most fulfilling UF role?

My most fulfilling UF role is being a Mechanical and Aerospace Engineering Peer Advisor. For three years, I've helped countless students plan their academic schedules and address bigger-picture concerns such as internships and career planning. Knowing I can use my experiences and knowledge to help give students some peace of mind has been tremendously rewarding.

How will you pay it forward?

I will continue my education at UF and use my degrees to improve people's quality of life through the application of engineering to medicine. I will remain as involved as possible with the university through participation in alumni relations activities as well as external advisory boards, so that I can continue to help future generations of students get the most out of their education, as I have.

What will your legacy be?

My legacy will be one of blazing your own path in life based on what matters most to you, and using your unique passions to leave behind a better trail for others. I have always followed my heart and never given up on my dreams, no matter how challenging it got. And I have always tried to give back more than I get in life.



Recognition of Outstanding Students

Eric Wagner

*Gator Engineering Dean
Weil Award*



What is your proudest Gator moment?

During my first year at UF, I volunteered at an Engineers' Week event called Mystery Design. Local K-8 students came to learn about science and engineering. The six students in my group were the youngest in the room by far and knew the least about engineering or science. The competition consisted of answering several basic questions about engineering and building a marble roller coaster from foam tubing. Our team got every question correct and the team's design never faulted. Our team ended up winning, and the students received Lego prizes to continue their engineering endeavors. At the end of the event, one student's parents came up to thank me and the mom gave me a handwritten note thanking me for showing their son how exciting science can be. It was in that moment that I realized that inspiration can come when you least expect it and that our own actions can inspire others in ways that we sometimes forget.

What is something every Gator should know?

Never leave your dorm, apartment, or home without an umbrella. Those who are prepared tend to stay the driest at the University of Florida.

What is your favorite Gator icon or tradition?

Albert will forever be my favorite Gator icon. It doesn't matter where he shows up, everyone is always so excited to see Albert and he always brings a newfound energy to those around him.

Who are the Gators who inspire you?

Previous student leaders who I met in my earlier years at UF and up-and-coming student leaders inspire me. I have seen greatness come from UF and I know that even more incredible things have yet to come.

How will you pay it forward?

I would like to stay involved with young engineering alumni groups and plan to mentor engineering interns in my future full-time roles. I also plan on donating a portion of the profits from my engineering T-shirt company, Engineering Outfitters, to STEM charities. I think helping inspire others to succeed and working together to accomplish that is an incredible way to power engineers of the future.

Jackson Cagle

*Gator Engineering M.S.
Scholar*



What is something every Gator should know?

I think the most important thing that every Gator should know is the great possibility that Gator communities offer. At UF, you can be working on anything you like regardless of your major, age or background. Just follow your heart and you will be blessed with the experiences.

Who are the Gators who inspire you?

The Gator that inspires me toward my career path is Bruce Wheeler from UF's J. Crayton Pruitt Family Department of Biomedical Engineering. Professor Wheeler's enthusiasm for advanced technologies and guidance to students inspired me to develop electronic peripheral for patients suffering neurological disorders.

What was the most important lesson you learned from (or taught to) a fellow Gator?

One of the most important lessons I learned from a fellow Gator, David Whitney, is knowing when to say "no." At UF, students are exposed to many opportunities that could benefit them academically and personally; however, there's a limit to how many tasks you can juggle. It is essential for students to understand that it is better to devote our best to the responsibilities we already have.

Which UF affiliations or activities nurtured you most?

I am involved with multiple student-led design team such as the Small Satellite Design Club (SSDC) and Biomedical Engineering Society (BMES). I learnt significant amounts of technical skills and gained collaborative experiences while working on various interesting projects.

How will you pay it forward?

The experiences I gained through my early involvement in design teams helped me mold my professional interests. As a senior student now, I pay it forward by passing on the knowledge to incoming students through mentorship. In the future, I hope they, too, keep the tradition of training the next generation of UF engineers.

UF

2017 SPRING
COMMENCEMENT

Recognition of Outstanding Students

Ty Christoff-Tempesta
Student Speaker



What is something every Gator should know?

Professors are people. It took me an eternity to come to the realization that professors are not robots, but complex people with interesting ideas, great stories, and want you to be successful.

What was the most important lesson you learned from (or taught to) a fellow Gator?

Take time for yourself. An exam will always be around the corner, a research deadline is always coming up, an extracurricular will always be demanding your time, and the onslaught of homework never ends. My Statics professor told our class to always take a night of the week out for ourselves, and that's stuck with me throughout my undergraduate career (well, that and how to make a free body diagram). I've discovered that a little rest and relaxation goes a long way to making the productive time more efficient and effective.

How will you pay it forward?

I'll pay it forward by continuing the culture of innovation fostered in the UF's Herbert Wertheim College of Engineering. Our unique education has prepared us to revolutionize the industries we enter by developing us as engineers, leaders, and interdisciplinary thinkers — and I plan to do just that.

What will your legacy be?

Showing that it's possible to balance what you're passionate about. Engineering students especially tend to focus their energy on one aspect of their college career, like academics, research, or an extracurricular. But by cutting back Netflix hours after my first semester, I discovered it's possible to successfully pursue a few things that mattered to me the most — and I hope I showed others that they can do the same.

How do you bleed orange and blue?

According to my last papercut, I'm fortunate to still bleed red. In a perhaps more metaphorical sense, throughout my undergraduate career, I've been proud to represent the Gator Nation at countless speech and debate competitions and academic conferences throughout the United States — and I will always be proud to be a Gator.

Virginia Lane
Student Speaker



What is your proudest Gator moment?

One of my proudest moments at UF was finishing my junior recital for the school of music. Next, my proudest moment will be walking across the stage at graduation.

What is something every Gator should know?

Failure is a necessary part of success and is not something to be feared. Even failures can open new and unexpected doors. It's okay to fail. It's not okay to not try.

Who are the Gators who inspire you?

The Gators who inspire me the most are my professors and advisors who I've studied under while being here. So many of them have gone above and beyond to help me achieve things I never would have thought possible. All of the academic opportunities I've had, such as doing research at Princeton and in the Czech Republic, being part of University Scholars Program, and even speaking at commencement would not have been possible without them.

What was the most important lesson you learned from (or taught to) a fellow Gator?

Classes are important, but so is your health. Do your best to get enough sleep, eat well and exercise. Your mind can't be at its peak performance if you're not physically healthy. This will ultimately help you in your classes.

What was your most fulfilling UF role?

My most fulfilling role at UF was being a mentor to others. I had opportunities to do this through chemical engineering peer advising, the research I was involved with, and my Christian sorority, Sigma Phi Lambda. These were also the activities that I also grew the most from. It's interesting how we sometimes learn the most from teaching others.

How do you bleed orange and blue?

Wherever I end up, I will always be a part of the Gator Nation. I didn't originally expect to come here for undergrad, but it's been a wonderful five years and it's in my blood now. Go Gators!



Recognition of Outstanding Faculty & Staff

Dr. Ranga Narayanan

*Herbert Wertheim College
of Engineering
Teacher/Scholar of the
Year 2016-17*



Ranga Narayanan is a Distinguished Professor in the Department of Chemical Engineering. He is also a member of the Academy of Distinguished Teacher-Scholars at the University.

Narayanan joined the University of Florida in 1981 after five years as a Research Engineer at the Amoco Research Center. His research is in the area of pattern formation. Applications of his research include ways to “tune” patterns to create better and useful products such as better drug delivery systems and better semiconductor and energy efficient devices. As a result of his work he has directed a major National Science Foundation research training “center” grant in the field of patterns in fluids and interfacial science that has affected over 35 doctoral students that includes internationalization in their research training.

Narayanan has over two hundred published papers and conference presentations and four authored and edited books. He serves as an executive editor of the *Journal of Engineering Mathematics* and is on the editorial board of several scholarly journals. In addition, he has been invited several times as a visiting faculty to major universities in France, Japan, Germany, Belgium, Israel and India.

Allison Gatsche

*Herbert Wertheim College
of Engineering
Professional Advisor of the
Year 2016-17*



Allison Gatsche is the academic advisor for Computer Engineering undergraduate students and has been serving the Herbert Wertheim College of Engineering in this capacity

for three years. As a double Gator graduate and Gainesville native herself, Allison strives to make personal and meaningful connections with each of her students. She knows that advising encompasses more than course selection and she thoroughly enjoys assisting her students in making academic, professional, and personal decisions. Allison is actively involved with Preview, UF’s Freshman Orientation Program, and will be teaching First Year Florida in the fall. Acting as the Professional Development Committee Chair for the Undergraduate Advising Council (UAC) since 2014, she led the execution of the UF Annual Advising Conference in 2016 and 2017. Most recently, she has been elected as the Chair of the UAC. Allison earned her M.Ed. and Ed.S. in Counselor Education from the University of Florida.

Recognition of Outstanding Faculty & Staff

Dr. Helena Weaver

*Herbert Wertheim
College of Engineering
Undergraduate Teacher
of the Year 2016-17*



Helena Hagelin-Weaver is an assistant professor in the Department of Chemical Engineering. She holds a Ph.D. in chemistry and an M.S. in Chemical Engineering from the Royal Institute of Technology in Stockholm (Sweden) and came to the University of Florida as a post doc in 1999. She held a research assistant professor position in the department from 2002 and joined the tenure-track faculty in 2011. Her research focuses on heterogeneous catalyst development. She studies reactions at the interface between heterogeneous catalyst surfaces and gaseous or liquid reactants. Her research involves preparation and characterization of novel nano-structured catalysts, catalytic activity measurements and reactor design. In particular, her research group is using nanoparticle oxides as supports for various active metals and use methods, such as atomic layer deposition, for the controlled deposition of active metals onto the oxide supports.

Hagelin-Weaver is a member of the American Institute for Chemical Engineers (AIChE), the American Chemical Society (ACS), the Society of Women Engineers and the American Association for Women in Science (AWIS).

Dr. Henry Zmuda

*Herbert Wertheim College
of Engineering
Faculty Adviser/Mentor of
the Year 2016-17*



Henry Zmuda is an associate professor and undergraduate coordinator for the Department of Electrical and Computer Engineering. He earned his Ph.D. and M.S. degrees in electrical engineering from Cornell University and a B.E. degree from the Stevens Institute of Technology. Zmuda's research focuses on electromagnetics and energy systems. He is a faculty researcher and coordinator for UF's Electromagnetics and Energy Systems, a division that focuses on electromagnetic fields and their applications — including power generation, distribution, and utilization of electrical energy. Zmuda is a senior member of the Institute of Electrical and Electronics Engineers (IEEE).

BACHELOR OF SCIENCE DEGREE CANDIDATES

Bachelor of Science in Aerospace Engineering

Denisse Gabriela Almeida
Manuel Angerhofer
**Joshua Franzua Anton
Christian Cummings Ball
**Michael John Barrett
Nick Brown, III
*Ryan Joseph Butcher
Alita Yuwangan Chan
Nahien Hassan Chowdhury
*Caleb L. Dean
Roberto Jose Finale
*Julian Mukund Khare Finlaw
***Reagan Lawson Fuhr
Brandon A. Goudy
Brandon Daniel Grant
***Sumeet A. Gudi
**Gianni Guidi Azarola

**Cesar Anibal Hernandez
***Lazaro Salvador Hernandez
Dylan B. Husserl
Dimitry A. Ignatov
***Erica Lynn Jenson
**John Christian Levenhagen
**Tatiana Dinora Luna
Michael Lawrence Mas
**Parker L. Mcbryde
Addyson E. Miller
*Daniel J. Miner
Kelly Nicole Mowery
Jared D. Nelms
Emily N. Oswalt
*Derek John Paulovich
Elvis M. Payano
Kyle Andrew Alton Postlethwaite

Adolfo Israel Prieto
Loving Rahman
Jafet R. Reyes-Cisneros
Matthew J. Rhon
Steven Eric Roberts
Lindsay Jane Rorbeck
*David G. Russ
**Santiago D. Salinas
Gordon Maxwell Schmidt
***Ryan C. St Pierre
Aston L. Steele
***Samuel R. Thomas
***Alize Josepha Trinquet
Joseph M. Wendling
**Beverly Wharton
Shanna L. Wyatt

Bachelor of Science in Agricultural and Biological Engineering

Estefanía Alvarado

Marc C. Longfellow

Bachelor of Science in Biological Engineering

Joshua Allen Benda
*Sheldon Gerard Brown
Luis Arturo Chong Garcia
Jessica Choy
Andreu Christian Garcia
Karl-Heinz A. Grau
Bailey Harrell
Alexander R. Jimenez-Thomas

***Thai Lam
***Justin Parrish Lincoln
**Austin John Mason
***Mitchell Gray Mason
*Michael Charles McGowan
*Nathan Albert Mechulan
Kadeem Claude Morrison
Brendan D. O'Connor

Kush Yogesh Patel
**Leah Marie Potts
Tanner A. Stone
*Prakash Sundar
Sarah M. Wittig
***Stanislav V. Yuzhakov

Bachelor of Science in Biomedical Engineering

***Sebastian Dario Arango
*Babatunde Y. Balogun
Noah H. Barnes
*Megan Ann Bernier
Michael Wayne Brodsky
*Olivia Michael Christ
**Melissa Eve Franklin
***Cory Benjamin French
***Madeline Jeanne Fuchs
**Anna Gams
*Monique Rachel Goldsmith

***Malek Latif Hamed
**Samantha H. Haus
***Ella Nicole Hoogenboezem
*Chenan Andy Huang
***Jason Chen Huang
Hammad Huda
*Michael J. Kracht
Anne-Marie Christine Krueger
***Jonathan Bao Trung Le
Chase I. Lee
**Rafael Alejandro Marin

**Jo Ann Martin
*Bridgette Eleanor Morgan
Neal Patel
**Jake Tyler Pistiner
*Anthony Paul Powers
Robert M. Rautenkranz
*Kaileigh Elouise Rock
**Bhavya Ketu Sheth
*Bruce Yang
**Vicky Qianru Zhang

Bachelor of Science in Chemical Engineering

**Devin T. Ahern
***Corey W. Andre
Costin T. Anghel
**YanFang Ao
**Adam L. Bachmann
Candelario G. Baez, Jr.
Alexander Michael Ball
**Steven Daniel Barash
**Jacob D. Belcher
*Casey E. Blattel
**Victoria Q. Brady
*Joseph Patrick Briggs
Jessica Broche
*Christopher M. Brown
Jake William Burnett
Robert Alan Campos
***Thomas Michael Caselli
***Lisa-Marie Clarke

Maximillian Colon
***Briann Alexis Cooper
***Joseph Charles Daatselaar
*Seth D. Dale
**Jarrod Stephen Dollinger
**Kevin B. Espinet
Abigail Fenton
***Scott Matthew Fenton
Kyle J. Fitzpatrick
Jarrod L. Frankenfield
***Alex Leddin Garcia
*Alexa N. Garcia-D'Angeli
***Carmen J. Gil
***Kassandra Lee Gilley
***Andrew Arthur Girard
*Queenella Joanna Goddard
**Chandler Marquis Griffin
***David Harvin

Ryan Z. Henderson
Nathaniel Robert Hoover
Peter John Jude
Yasmin Azam Kamkar
*Virginia Louise Lane
*Michael Louis Levin
Danielle A. Lizarazo
***Dana M. Lobmeyer
**Calvin Lu
***Cameron J. Marra
Hector Jose Martinez
Brennan J. McCarty
**Robert L. McDonald, II
**Kyle Austin McKishnie
Marija Mijovska
***Lindsey June Mitchell
**Megan Alyssa Mullally
*Tyler W. Munier

*Cum Laude

**Magna Cum Laude

***Summa Cum Laude

(Cum Laude, Magna Cum Laude and Summa Cum Laude are tentative and subject to final grades)

**Matthew Joseph Myhand
Emily Ann Niespodzianski
**Valentina M. Otero Gonzalez
Benjamin Talbot Padgett
*Charles A. Peaden, Jr.
Esteban Peralta
***Andrea Alexandra Pulgar De Nicolais
Carlos Ramon Ramirez
**Peter Ramon
Trenton Daniel Register
*Brett Michael Roes

Zachary John Sackett
***Travis J. Satiritz
Adil Abdul Wajid Siddiqui
*Eric Benjamin Steinman
***David Stern
**Hunter William Stofft
Jordan Elizabeth Thomas
Christian William Sarille Thompson
**Matthew J. Timmer
***Yen Trinh
***Thomas Colin Turner

*Timothy Jay van Kuijk
**José Leonardo Velasquez
Anthony E. Villa-Garcia
Richard A. Villaverde
**Allen D. Wang
***Marina Kay Wiatt
**Janice Wong
Shanna Xia
***Roger A. Yee

Bachelor of Science in Civil Engineering

*D Mason Armstrong
Jorge A. Bandy
**Nicholas Michael Bauer
**Ryan D. Beckman
Sadli Benjaidid
**Daniel James Bishop
*Nicole Marie Bohaczyk
Matthew A. Bolger
*Austin P. Bouchard
**Kyle Hamilton Bulleit
Kevin Carabeo
*Timothy Ryan Carter
**Eugene Peter Cho
Matthew William Collins
*John Vincent D'Amore
**Alexander Michael Daugherty
*Jordan Everett Dawley
Benjamin Andrew Delgado
**Neandro Jose Barros DeMello
Ryan Joseph Demuynck
**Dylan Wayne DiCarlo
*John Mason Dreiling
**Justin L. Dutreil
***Alyssa Caroline Egnew
**John Rafael Everson
Giovanni V. Fernandez
**Stephen Alexander Gonzalez

***Michael Moore Hallenstein
Robertau Harris IV
Keira Joy Hennessy
*Cameron M. Hines
**Scott Judson
*Laurn L. June
**Rita Omolara Kalo
Winnie Gee-San Kwong
**Steven G. Lackey
Blake Kidwell
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*Seth D. Littlejohn
*Brandon Dominic Masiello
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***Shawn J. Miller
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Francisco Antonio Morales
Carter A. Nelson
Jacob W. Nichols
Nathan M. Nichols
**Adam Tayan Nodjomian
Alan Paul Oetzman
**Kevin Paul Oliveira
*Courtney Leigh Orlando
**Hannah L. Ritchey
Recaldo A. Rogers

Timothy R. Rohan, Jr.
**Marissa Karen Romero
*Mark Taylor Rumenik
Ravik C. Samaroo
***Alejandro Santizo
Reginald Gregory Septembre
Rahsaan J. Simon
Alex Nicole Smith
Caitlin Nicole Smith
***Carrie Irene Smith
Charles Harvey Spears, Jr.
Joshua Garrison Spurgin
***David Michael Stephens
Justin Alexander Tagle
**Eduard Torá Bueno
Daniel Alexander Torre
*Mario Andres Urzua Delgado
***Christopher Louis Verzillo
**Blake J. Wagner
Joe Steven Vincent Wagner
**Shelby Nicole Walker
*Matt Gregory Wein
**Daniel S. Yassuda
**Alvaro Jose Yusty
Maickel Zrihem Corcia

Bachelor of Science in Computer Engineering

***Raz M. Aloni
Lazaro Alvarez
Reed William Avers
*Ryan Vincent Berndt
*Kyle A. Bradley
Carlos Antonio Castillo
**Christine Michelle Chierico
Michael P. Correia
**Adam F. Coverstone
***Nicholas Tyler Critelli
***Jonathan William Cruz
Nicholas James Cummings
**Jean-Pierre Michel David
*Lara Dedic
*Tiffany E. Dixon
Brandon A. Duong
*Michelle A. Emamdie
Alexander G. Emery

Stephen A. Falcone
Cody T. Fitzpatrick
Maxwell F. Fresonke
Dakota Alexander Funchess
*Gavin E. Greco
Thomas Michael Guarnerly
Kevin Hertlein
***Daniel L. Holloway
Samantha Mae Howe
Vincent L. Ibarrola
***Nicholas M. Imamshah
***Cameron Joseph Jeffords
*Isabel Joanne Stephanie Laurenceau
*Matthew Robert Lemmone
***Wyatt B. Lindquist
*Alan K. Liou
*Justin V. Macedo
**Emily T. Macon

Darshil N. Patel
***Brandon Taylor Peach Peterson
Valentina Rendon Duque
Stefano Reyna
**Alexander Emilio Robau
Paula Andrea Rose
***Jayson Paul Salkey
*Adam Brian Schuster
*Alexander J. Smith
*Nicholas Smith
Geoff Robert Turman
*Ian F. Van Stralen
*Dalton S. Verhagen
Carlos D. Vizcaino
**Steven J. Williams
Christian W. Young
Abraham Yuen

Bachelor of Science in Computer Science

*Allison Marie Aguirre
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*Bailey Rose Anderson
*Sarah Ashleigh Anderson
*Yayati Bagga
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*Brett Joseph Belliveau
*Sahir Boghani
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*Courtney Paige Hazen
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*Guilain Marie Joseph André

Huyghues-Despointes
*Collin H. Irwin
*Joshua B. Kirstein
*Chun Fai Kwok
*Damian Layne Larson
*Alexander D. Lewitt
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Yufan Lin
*Yanelis Lopez
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*Emmanuel F. Momot
*Christine Marie Moore
Kevin Neumann
Aidan C. Pace
Matthew A. Pearson
Patrick Mateusz Poplawska
*Noah C. Presser
*Sergio Alexander Puleri
*Spencer J. Reyka

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*Timothy Michael Russell-Wagner, Jr.
Aaron L. Silcott
*Brett O. Simons
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Phillip Matthew Smith
Adam A. Soliman
James M. Steele
*Zachary R. Taylor
Edward R. Tischler
*Jared H. Trinkler
Nicholas Alexander Troiano
Matthew M. Tschiggfrie
*Erian Vazquez
Jiaying Wang
Tyler J. Willis
*Benjamin A. Winninger
Ryan P. Wolf
Edward Wu
*Kevin Wu
*Gonzalo Ziadi

Bachelor of Science in Digital Arts and Sciences

*Ryan Alexander Clark
*Anthony DiTocco IV
*Nicola Frachsen
Savannah Sloan Griffin

*Madison Leigh Hicks
*Camille Hunter
*Justin Daniel Jacinto
*Luis G. Pino

*Natalie Rumak
Joseph Michael Schiavi
*Marie Elizabeth Urmano
*Xiao Xi Zheng

Bachelor of Science in Electrical Engineering

**Joshua David Sanford Agarth
Bryan J. Barrett
Mary Alice Beck
**John T. Boehme
***Kelli Leann Borowski
**Paul M. Bouyounes
Zachary J. Brown
Reynaldo A. Calzadilla
***Jackson Emory Carroll
*Thomas Michael Chavez
Silas Cone
***Cameron Cooper
**Nicholas Robert Dangler
**Nickolas Paul DiRocco
Miguel A. Fernandez
**Ma Vanessa Macion Gabuya
**Jacob Samuel Giparas
Diego A. Gomez Navarro
***Brandon R. Gonzalez
Andres Enrique Gordo Salinas

**Matthew Dee Griessler
Dylan Thomas Guenther
Jessica Haidar De Armas
Alexander T. Hall
***Peter Aris Harduvel
Callie Heuser
Michael Andrew Insua
**Dane Ramon Iturrioz
Timothy Jaggernaut
Antonio Jose V
**Edward George Kelly, III
***John Logan Leven
**Domenic J. Luppino
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Jineidy Mak
**Princess Martinez
***Mark William McNeely
*Julian R. Mendoza
Junior Metayer
Alex Esteban Montaña Villegas

Chang Y. Morgan
**Brandon Mori
Phone Myint
Corey Randall Nickels
***Kenneth R. Paterson
**Veronica K. Pirie
Salvador Razo, Jr.
**Kristopher V. Rea
Andres F. Rizzo
*David James Rollins
***Chad Austin Saunders
***Christina R. Sileo
*Evan Sokol
**Madalyn L. Sowada
Robert T. Standifer, III
*Arnold D. Sullivan
**Nicole M. Tellado
*Balaji Madhusudan Thoguluva
Jerome David Thompson
**David Zobel

Bachelor of Science in Environmental Engineering

**Deanna H. Abbruzese
Estefanía Alvarado
**Malak Anshassi
**Joshua Alexander Benjamin
**Nicole Elizabeth Berlin
Matthew A. Burke
Nicholas J. Chin
*Matthew S. D'Angelo

**Pieter Seppe De Wolf
Ricardo Gil
Alexandra K. Glass
*Ryan Christopher Hundersmarck
Joanna Julien
Joseph A. Kurey
**Brooke Waring MacMillan
Beverly Barrett Medina, III

**Padmini P. Persaud
Jarrod Petrohovich
**Nicole M. Rivera
John Evan Schoneck
Vanessa Elizabeth Van Note
**Darren A. Walshaw

Bachelor of Science in Industrial and Systems Engineering

Nashad Arefin
Matthew J. Beck
*Leah Elizabeth Bisbee
Kyle Benjamin Brauner
*Ignacio Bravo
*Robert A. Bromley
Carolina Cardona
*Arnaldo Catanho Dos Reis
Grantley Alden Chhour
Sarah Katherine Cowling
*Estefania De la Pena
Douglas Locke Dial, Jr.
*Brian David Dinenberg
*Kayla B. Duckworth
*Katharine Lee Ferdman
John V. Ferraris
Jose Gregorio Fonseca
Juliana Nicole Fraser
Euan A. Gardner
*Caroline M. Gill
Madeline Frances Glasheen
Erin M. Harris

Ellen Horan
Kristin Ashlee Hubbard
*Katharine Leigh Johnson
*Luke Andrew Kwiat
*McKenzie E. Landrum
*Christopher P. Lee
*Troy D. Lewis
*Benjamin Mandowsky
Barbara Marmol
*Adam Nicholas McIntosh
*Erica L. Meerow
Luke J. Michel
Benjamin L. Miller
*Diana Mogen
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Stephanie Neal
John C. Nelson
Jennifer Marie Nunley
*Tony Warner Olson
*Brandon Scott Peebles
*Daniela Piedrahita Sardi
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*William Newsome Robertson
Diana Maria Rodriguez
*Gabriel E. Rodriguez
Hammaad Saber
Royce C. Sages
*Matthew J. Samach
*Brittany-Star Sgaliardich
Kyle Willis Shimberg
*Daniel C. Shirley
*Maia Sharon Simonovsky
*Kenneth L. Stowe
*Samantha A. Streitman
*Elizabeth J. Swanson
*Jason J. Tellex
*Meltem Tutar
*Sarah J. Van Valkenburgh
*Tanner T. Weigand
Ellenor Grace Weinbel
*Samantha C. Wellons
William Wostbrock
Patrick R. Williams
*John Michael Wilson

Bachelor of Science in Materials Science and Engineering

*Rashid Alrashid
*Brendan M. Angus
William E. Barefield, II
Lucas J. Benedict
Gabriel Santos Bombonato
**Joseph A. Bowes
Cecilia M. Buchert
**Sage B. Cera
***Ty Christoff-Tempesta
*Megan Katherine DeBari
Camilla Edwards
Rebecca L. Fedderwitz

**Tess Alexandra Fielder
*Maria Fernanda Flores Espina
Sarah Annette Frith
**Casey M. Gilliams
**Jennifer C. Haber
***Michael William Havel
**Sean Michael Irby
*Ji Hyun Kim
**Braden Max Li
*Edward H. Li
***Connor A. Limburg
***Jhohan S. Lozano

*Brittani Ann Maskley
***Andre Luke Pertuit
Emily Michelle Pollock
*Sarah Marie Regan
**Carson Lee Ridenhour
***Jeffrey O. Rossin
**Carlos Guillermo Salas
**Ellen B. Shepherd
**Stephanie Nicole Sheridan
*Katie L. VanDeventer

Bachelor of Science in Mechanical Engineering

Denisse Gabriela Almeida
*Diana Maria Alonso
Shanna E. Amster
Parastoo Azamian
Priya Christine Baenen
Thomas R. Baker IV
*Ryland J. Ballingham
Matthew C. Banks
*Ross E. Baugher
**Anna Alexis Bethel
***Brandon Noah Bickerstaff
**Bryan Blaise
William Blake Boswell
**Anthony Bourret
**Frederic Bourret
Nick Brown, III
Collin Mills Buchanan
Elliot A. Burton
*Charles E. Caines
*Gaelyn W. Carfield
*Joseph Carl Carrasquillo, Jr..
*Steven Ceron
Alita Yuwangan Chan
Jonathan M. Chavez
*Indrasena Reddy Chilakala
**Gregory Thomas Cooke
Benjamin Cornejo
Phillip Aaron Costello
*Nathaniel J. Cutajar
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*Caleb L. Dean

**Oscar W. Deng
Richard C. Devins, Jr.
Michael A. Diaz
**Haley L. DiGiovanni
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Nicholas M. Dyer
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William Spencer Ferguson
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Joshua M. Furukawa
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Oliver Joel George
John Robert Geshay, II
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*Joel D. Golabek
Brandon A. Goudy
Brent M. Grace
Brandon Daniel Grant
**Lucas Patrick Guerin
Diego Guerra Arroyo
**Gianni Guidi Azarola
***Terra Jane Gurley
Blake A. Harris
***Brandon Michael Harrold
**Cesar Anibal Hernandez

***Lazaro Salvador Hernandez
**Alexander M. Higgins
**Austin L. Hilliard
***Stefan Mathias Hochhaus
Amanda C. Holly
Bradley Garrett Houck
Nicholas Michael Hursey
***Sylvie Shawn Hyman
Dimitry A. Ignatov
*Daniel M. Janisch
**Aryan Jebelli
***Erica Lynn Jenson
Matthew Allen Jerome
Nathan K. Jerome
**Brandon Michael Jesewitz
Freddy Jimenez, Jr.
**Morgan Rae Jones
**David J. Kanner
***Nicholas James Kelton
Michael D. Kessler
*Andrew Ryne Koretchko
Curran William Hammond Kuehl
***Jia Jung Leong
**John Christian Levenhagen
*Emily Marie Logsdon
*Jason S. Lombardozzi
Valerie R. Long
Nicholas Alexander Maddalena
Daniel Thomas Maher
**Matthew Alan Manrique
**Alexander J. Marques

*Cum Laude

**Magna Cum Laude

***Summa Cum Laude

(Cum Laude, Magna Cum Laude and Summa Cum Laude are tentative and subject to final grades)

Michael Lawrence Mas
 **Parker L. McBryde
 Sean Michael McQuagge
 **Sierra Frances McVeigh
 **Barbara E. Merendino
 *Adam Irving Miller
 Addyson E. Miller
 Nicole Jordan Mohajer
 **Daniel J. Molino
 *Andrew M. Molloy
 **Eduardo Moreno
 *Nicholas Moreno
 Kelly Nicole Mowery
 Kurt William Muhlberger
 Jared D. Nelms
 Emily N. Oswald
 Kirsten Marie Yu Palma
 **Gabrielle Marie Paredes
 Tejas D. Parekh
 Amit N. Parikh
 Andrew Bruce Park
 *Derek John Paulovich
 Elvis M. Payano
 Elliott R. Pearson
 **Jonathan M. Pendoley
 Jordan Elaine Pfof
 Taylor A. Phillips

Thomas W. Pierce
 José Chima Pierre
 Reinaldo Pinate
 Daniel J. Platt
 ***Emory J. Quinif
 Stephan Chase Rachal
 Loving Rahman
 Ryan Michael Rampolla
 **Devan Lee Richards
 **Ralph L. Rivera
 Steven Eric Roberts
 William Chase Roberts
 **Colin Thatcher Rockwell
 Pablo Andres Salguero Rios
 ***Troy E. Sandler
 Giovanni Giuseppe Santoro, Jr.
 Michael J. Savage
 *Harrison Schwartz
 Barrett James Severance
 **Joseph T. Shafer
 **Anderson J. Sheets
 Adam Daniel Silver
 Matthew Sleasman
 *Matthew Smutny
 *Coleman Maxwell Sones
 Shuang Song
 Jordan Magdalen Sowden

*Kenneth Daniel Soyars
 Alexander B. Speros
 ***Ryan C. St Pierre
 **Haley Elizabeth Stoner
 Marcia Suarez
 Richard Barton Summers, III
 John Kenneth James Szerdi
 Noel A. Thomas
 Alexander Andres Triay
 ***Alize Josepha Trinquet
 Matthew C. Vest
 **Mark Edward Wagner
 William Philip Walker
 ***Samantha Ann Webster
 *Amanda Xin Wei
 Joseph M. Wendling
 Justin West
 **Beverly Wharton
 Bradley B. Wheeler
 **Alan B. Williams
 **Timothy Michael Williams
 Andrew N. Wilson
 Matthew Phillip Wilson
 Melisa Kayen Wong
 Shanna L. Wyatt
 Andie Jean Young
 Yashira Zavala

Bachelor of Science in Nuclear Engineering

Anas M. Abdelwahab
 ***John Tyler Askew
 ***Christopher W. Blaylock
 ***Olin William Calvin
 Jason Anthony Coleman
 **Oscar Espinoza Arias
 ***Kenneth Fernandez
 **Taylor J. Harvey

Dylan L. Jurski
 Kyle R. Kelley
 Kevin Andrew Kelly
 David Alejandro Lopez Castellon
 *Allan C. Martin
 Matthew Joseph Mitrani
 ***Timothy Herbert Modzelewski
 ***Alec J. Neller

*Daniel Ospina
 *Justin Gregory Don Phelps
 **Dustin Richard Popp
 ***Juan Sebastian Rios
 *James Michael Schnitzer
 Evin James Ward
 **Andrew John Williamson



*Cum Laude

**Magna Cum Laude

***Summa Cum Laude

(Cum Laude, Magna Cum Laude and Summa Cum Laude are tentative and subject to final grades)

MASTER OF ENGINEERING DEGREE CANDIDATES

Chemical Engineering

Zhe Dong
Haoxi Li
Yikan Liu

Tian Meng
Ge Yang
Ming Yang

Zhiyuan Zhou

Civil Engineering

Anlun Chen
Xinyu Fu
Nahal Hakim

Deidre Mary Herbert
Patrick J Jackson
Andrew S. Kays

Melanie Lee Moore
Huihui Nan
Tiantong Su

Coastal & Oceanographic Engineering

Zachary Bedell

Feng Liang

Computer Engineering

Jennifer Cheung

Environmental Engineering Science

Rafael René Díaz-Vázquez
William Blake Hyatt
Scott Alan Lord

Grant Thomas Barrett Richardson
Matthew L Schafer
Cory M. Snyder

Aaron Christopher Thomason
Desiree M. Van Hemel

Industrial & Systems Engineering

John Michael Cabada
Michelle Christine Gibson
Daniel David Gill

Minh N. Huynh
Michael A. Raudales
Taylor L Weitzel

Marcus J White

Mechanical Engineering

Matthew Rusk Wiggans



MASTER OF SCIENCE DEGREE CANDIDATES

Aerospace Engineering

Jayme Scott Berstell
Mingyu Cai
Akbar Chaudry
Kevin T. Ciha
Scott Edward Demming
Antonio L. Diaz

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Margaret E. Lawn
Christopher Paul Andrews Leonard
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Yujendra Mitikiri
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Thomas A. Scruggs
Sahadeo Ramjatan
David Paul Zwick

Agricultural & Biological Engineering

Stacy Lynne Bromlow

Karl Maxwell Wallace

Wei Zhao

Biomedical Engineering

Jose Daniel Alcantara
Sabyasachi Bandyopadhyay
Sayali Belsare
Xiongjian Chen
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Shruti Siva Kumar
Magdalena M. Samojlik
Aditya Shirvalkar
Ishani Thakkar
Vrunda Trivedi
Sudeep Kumar Vakiti
Shaoju Wu
Xiyue Zhang

Chemical Engineering

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Suliman Kh Alqalaf
Abdullah Alrayes
Amish Asai
Pranav Champaknath Attavar
Qianqian Bai
Aditya Chandramouli
Chung-Jui Chang
Aashrit Raj Donthi
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Abdullateef Gari

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Akshita Gunupati
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Apeksha Jain
Apoorv Jain
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Siddarth Kaul
Umang Mukesh Khagram
Varun Krishnan
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Pragna Nannapaneni
Sreyashi Piplai
Sundar Ram Saiganesh
Ameen Sayal
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Diksha Tulsi
Chengjun Wu
Yaxi Xu
Zhuoran Zhang

Civil Engineering

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Yishuai Cao
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Mark Joseph Lisek
Xin Liu
Weina Lyu

Wei Meng
Tanya V. Noble
Jitayu Nilesbhai Purani
Siddhesh Prabhakar Rahate
Jarvis Chrispin Ravichandran
Saurabh Sanjay Saawant

Deepak Sivasamy
Gaurav Sultania
Jiahui Sun
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Coastal & Oceanographic Engineering

Niraj Vivek Talathi

Computer Engineering

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Devanshi M. Gajjar
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Jingyu Rao

Minhazul Islam Sk
Haitang Wang

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Kedar Narayan Amrolkar
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Soham Panigrahi

Prashanth Peddabbu
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Saravanan Jeevanram Setty
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Shashank Soni
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Prakriti Vardhan
Nikunj Vats
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Sai Vishnu Teja Vempali
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Xiaohan Wang
Christopher J. Waugh
Jayesh Sushil Yadav
Herong Yang
Jithendra Reddy Yella
Jiangjiang Zhu

Digital Arts And Sciences

Prateek Goyal

Electrical & Computer Engineering

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Mohammed Sahil Akbar
Fadhel Abbas AlNakhli IV
Matthew William Althar
Parham Amiri
John Stephen Annunziata, Jr.
Shahmir Awan
Vijeth Balakrishna Rai
YuQiao Bao
Nikhil Vittal Bhandary
Ganesh Vishwanath Bhat
Vamsi Kumar Boppana
Renuka Bowrothu
Poojitha Byrapu
Matthew Justin Calvo
Pratik Chandak
Megha Ramesh Chavan
Kushagra Chawla
Ruirong Chen
Yingjie Chen
Huizhong Cheng
Dhvani Jitesh Chheda
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Sreeja Chowdhury
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Titus Das
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Xinsong Du
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Aneez Fatima
Biyang Fu
Wenqi Fu
Charan Teja Gandham
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Richard B. Gean
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Aparna Narayan Hariyani

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Xinchen Hu
Yixiu Huang
Hyunjun Jang
Chao Jiang
Wanying Jiao
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Trokon K. Johnson
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Abhinandan Jyothishwara
Sarthak Ranjeet Kaingade
Piranave Kaliannagounderarumugan
Karthik Kalkura
Saishma Kandukuri
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Yicheng Wang
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Tianqi Wu
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Yiheng Xia
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Zheng Yan
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Yuqing Yang
Chen You Ying
Jialiang Yu
Boyi Zhang

Hansi Zhang
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Ruyi Zhang
Shengxin Zhang
Zhongwen Zhang
Shuwenying Zhao
Wei Zhao
Yunpeng Zhao
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Teng Zhou
Yunrui Zhou
Yu Zou
Aaron Thomas Zukley

Environmental Engineering Science

Avantika
Kimberly L. Branch Jefferson
Luye Li
Yen-Jung Rachel Liu
Ke Luo
Chiao-Yun Ma
Kalaivanan Murthy

Anna Alysse Ness
Yanan Pang
Shashank Dipakbhai Patel
Hongyu Pu
Sarah Isabel Romero Rivera
Aasha Shankar
Jing Su

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Clinton Patrick Wallace
Cason M. Watkins
Furkan Yilmaz

Industrial & Systems Engineering

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Rahul Yatin Thombare
Florence Tam-Huong Trinh
Rahul Vavaladas
Sundeep Vemuluru
Chenxi Yuan
Yimeng Zhang
Jean Pierre Zola

Materials Science & Engineering

Nagarajan R. Rajagopal
Tanvi Anil Ajantiwalay
Darshan Raveendranath Bamney
Zerong Cao
En Li Chen
Tzu-Hua Chen
Yiwei Chen
Varun Chhalani
Kathryn Schwink Conety
Xue Cui
Xizheng Diao
Xiaoke Ding
Charles Frederick Elzer IV
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Sarathy Kannan Gopalakrishnan
Yuqi Guo
Lulu Jiang
Decarle S. Jin
Sean P. Kerrigan
Venkata Surya Chaitanya Kolluru
Aman Kothari
Chen Li
Junying Li
Mengyan Li

Yanli Li
Tianyu Liang
Xinyang Liu
Yunchang Liu
Zirui Liu
Ke Luo
Dongming Lyu
Long Ma
Stephen David Patrick Marsh
Tyler Evan Martin
Niveditha Nagarajan
Pratham Deepak Nayyar
Shubham Pandey
Sravani Suguna Pappu
Ian P. Parker
Xin Pei
Jiale Qiu
Bowen Rong
Arjun Saravanabhavan
Ribhu Sharma
Aniruddh Singh Shekhawat
Harsh Swami
Chengwei Tang
Prabal Tiwari

Qingzhou Wan Sr
Chenxiao Wang
Chenyang Wang
Junyu Wang
Tao Wang
Ziyu Wang
Zachary N. Weinrich
Andrew R. Wentzel
Fan Wu
Siqi Wu
Ziqi Xiao
Can Xu
Guangyao Yang
Xinruo Yi
Fengzhou Yin
Zirui Yu
Lin Yuan
Feiqing Zhang
Xinrui Zhang
Mingzhen Zhao
Hui Zhou
Zerui Zhu
Ziye Zhu

Mechanical Engineering

Ali H. Abdulrahim
Jafar Ali Alsaleh
Anirudh Anand
Christopher D. Apple
Macarena L. Baigorria
Karun Balachandran
Zachary I. Bell
Utkarsh Vasant Bhalbar
Chinmay Hemadri Buzruk
Chase Fernando Camarotti
Richard J. Carrillo, II
Indrasis Chakraborty
Hongshun Chen
Austin R. Coffman
Sunny De
Ptryk Deptula
Sukhbir Pal Singh Dhillon
Kyle Patrick Donahue
John C. Esposito
Amish Pratapa Gadigi
Shashank A. Gaikwad
Sanjeev Gangadharan

Timothy B. Gonzalez
Soumya Gulati
Tyler Martin Hedges
Zachary Douglas Hutcheson
Nicola A. Imponenti
Vikram Jayanath
Shan Jiang
Yuhao Jiang
John P. Kiernan-Lewis
Inkyu Kim
Mincheul Kim
Brian M. Kinter
Zhang Liang
Boqing Liu
Junlin Liu
Yi Liu
Oliver Bradley Lolus
Yuan Lu
Matthew James Marciano
Apoorva Mohan
Shreyas Muralidharan
Himanshu Dinesh Nehete

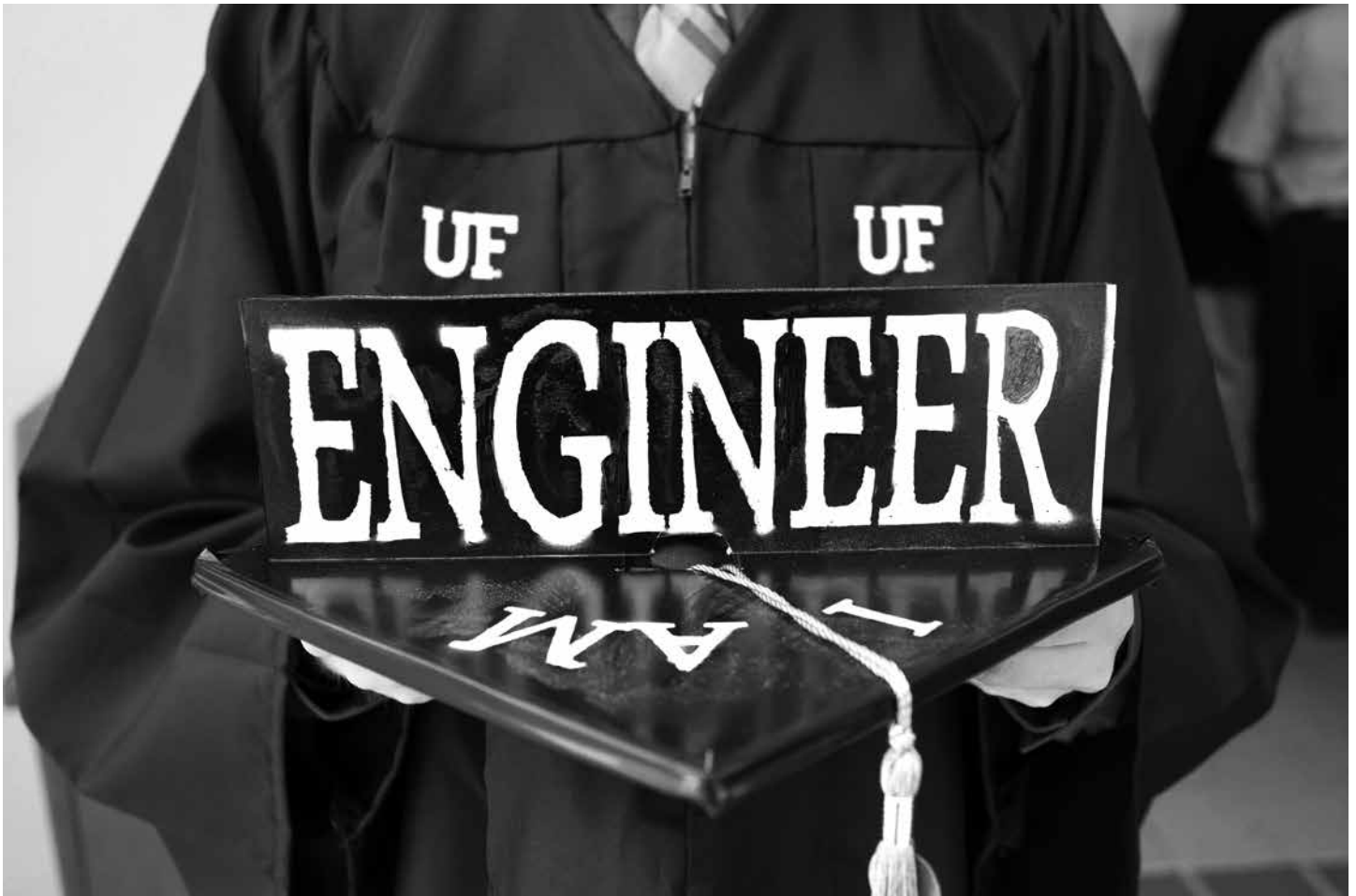
Ayush Pal
Jose Yegres Perrino
Paula Allison Pluchino
Vishnu Prakaash Rajagopal
Prithviraj Rao
Enver A. Rehmani
Paritosh Rustogi
Thomas Robert Samartino
Srivatsan Sampath
Kelvin M. Sandigo
Christian A. Seitz
Rutuj Y. Shah
Yuan Shi
Abhideep Singh
Max D. Stein
Ruizhi Wang
Wei Wang
Kent John Warren
Wenxiang Yan
Tingting Zeng
Yifan Zhang

Nuclear Engineering Sciences

Cathleen B. Barker
Travis R. Barker
Christian A. Baucom

Daniel J. Moneghan
Patrick J. Moo
Tyler J. Remedés

David C. Springfels
Kelsey Lynn Stadnikia
James W. Totten



DOCTOR OF PHILOSOPHY DEGREE CANDIDATES

Muna Jamil Abbas, *Agricultural & Biological Engineering*

Monitoring and Mapping Asian Citrus Psyllid Using Shaking Machine

Dissertation Chair: Reza John Ehsani

Shihyun Ahn, *Chemical Engineering*

Effect of Irradiation Damage on GaN Based Metal Oxide Semiconductor High Electron Mobility Transistors and Beta-Ga₂O₃

Dissertation Chair: Fan Ren

Christopher Lewis Alexander, *Chemical Engineering*

Impedance Spectroscopy: The Influence of Surface Heterogeneity and Application to Corrosion Monitoring of Bridge Tendons

Dissertation Chair: Mark E. Orazem

Alice Alonso, *Agricultural & Biological Engineering*

Novel Quantification of Long-Term Hydrological and Landscape Spatiotemporal Dynamics of Coupled Natural Human Systems: the Case Study of The Tempisque-Palo Verde National Park Coastal Wetland, Costa Rica

Dissertation Chair: Rafael Munoz-Carpena

Christopher Logan Anderson, *Biomedical Engineering*

An Evaluation of Effectiveness of Cannabidiol as an Antiepileptic Drug for Children with Intractable Generalized Epilepsy

Dissertation Chair: Brandi K. Ormerod

Andrew C. Antony, *Materials Science & Engineering*

Development of Interatomic Potentials with Applications to Nanoscale Surface Science

Dissertation Chair: Susan B. Sinnott

Michael William Ashton, *Materials Science & Engineering*

Computational Methods for the Discovery and Characterization of Two-Dimensional Materials

Dissertation Chair: Susan B. Sinnott

Casey Anderson Barnard, *Mechanical Engineering*

A Sensor System for Vector Measurement of Aerodynamic Wall Shear Stress

Dissertation Chair: Mark Sheplak

Brendan Aurelius Barraclough, *Biomedical Engineering*

Improving Dosimetric and Delivery Accuracy of Lung Stereotactic Body Radiotherapy

Dissertation Chair: Guanghua Yan

Izabella Lipnarski Barreto, *Biomedical Engineering*

Measuring Organ Doses and Assessing Clinical Image Quality for the Purpose of Computed Tomography Protocol Optimization

Dissertation Chair: Manuel Munoz Arreola

Maeve Amanda Kubik Budi, *Materials Science & Engineering*

The Role of Phase Connectivity in Multiferroic Ceramic Nanomaterials

Dissertation Chair: Jennifer Andrew

Zheng Cao, *Electrical & Computer Engineering*

Information Theoretic Classification of Marine Animal Imagery

Dissertation Chair: Jose C. Principe

Ewaldo Eder Carvalho Santana Junior, Jr., *Electrical & Computer Engineering*

A Framework for Pattern Consolidation in Cognitive Architectures

Dissertation Chair: Jose C. Principe

Subit Chakrabarti, *Electrical & Computer Engineering*

Machine Learning Algorithms for Spatio-Temporal Scaling of Remotely Sensed Data

Dissertation Chair: Jasmeet Judge

Marc W. Charbel, *Biomedical Engineering*

Prediction of Clinical Status and Prognosis of Hypoxic-Ischemic Neonates through the Application of Data Mining Techniques

Dissertation Chair: Ranganatha Sitaram



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COMMENCEMENT

- Zhibin Chen, *Civil Engineering*
Analysis, Design, and Simulation of Advanced Parking Management Systems
Dissertation Chair: Yafeng Yin
- Kwansun Cho, *Electrical & Computer Engineering*
START4K: A Computer Assisted Pronunciation Training System
Dissertation Chair: John Gregory Harris
- Devesh Chugh, *Mechanical Engineering*
Development and Analysis of Open Absorption Cycle Based Combined Water Heater and
Dehumidifier
Dissertation Chair: Saeed Moghaddam
- John R. Corring, *Computer Engineering*
A Complex-Valued Field Model for Shape Representation with Applications in Computer Vision and
Graphics
Dissertation Chair: Anand Rangarajan
- Anne Elise Creamer, *Agricultural & Biological Engineering*
Carbon Dioxide Capture with Pyrogenic Carbon-Based Materials
Dissertation Chair: Bin Gao
- Brian M. Davis, *Mechanical Engineering*
Study of the Dynamic Material Behavior and Its Correlation to the Chip Formation Mechanism and
Chip Morphology during Machining
Dissertation Chair: Yong Huang
- Nicholas J. Dunbar, *Mechanical Engineering*
Patient Customizable Knee Model for Intraoperative Planning of Uni- and Bi-Compartmental Knee
Arthroplasty
Dissertation Chair: Scott Arthur Banks
- Matthew S. Emigh, *Electrical & Computer Engineering*
Model-Based Reinforcement Learning Using Information-Theoretic Descriptors
Dissertation Chair: Jose C. Principe
- Sheng-Po Fang, *Electrical & Computer Engineering*
Functionalized Electrospun Nanofibers and Their Biomedical Applications
Dissertation Chair: Yong Kyu Yoon
- Lawrence Fomundam, *Electrical & Computer Engineering*
Development of a Wireless Power Transmission Front-End for Minimally Invasive or Shallow
Biomedical Implants
Dissertation Chair: Jenshan Lin
- Anthony Wood Frei, *Biomedical Engineering*
The Local Release of Immunomodulatory Agents in the Context of Islet Transplantation
Dissertation Chair: Cheryl Stabler Anderson
- Benjamin George, *Aerospace Engineering*
Three-Dimensional Effects of Cavities in Supersonic Flow and Their Control
Dissertation Chair: Lawrence S. Ukeiley
- William J. Godwin, *Biomedical Engineering*
Biokinetic Models and Internal Dosimetry of the Adult Pregnant Female and Fetus
Dissertation Chair: Wesley Emmett Bolch
- Uriah M. Gravois, *Coastal & Oceanographic Engineering*
Validation Test Cases for Operational Wave Models
Dissertation Chair: Alexandru Aurica Sheremet
- David M. Gray, *Electrical & Computer Engineering*
Classifier Training Set Augmentation by Warping Synthetic Data in a Subspace Manifold
Dissertation Chair: Jose C. Principe
- Morgan Sierra Harding, *Chemical Engineering*
Mathematical Models for Impedance Spectroscopy
Dissertation Chair: Mark E. Orazem
- David C. Hays, *Materials Science & Engineering*
Energy Band Offset Study of InGaZnO₄ and Potential Gate Dielectrics
Dissertation Chair: Stephen J. Pearton

Szuheng Ho, *Materials Science & Engineering*
Toward Organic Displays: Solution Processed Organic Light Emitting Diodes and Transparent Vertical
Light Emitting Transistors
Dissertation Chair: Franky Fat Kei So

Seong Hyeon Hong, *Mechanical Engineering*
Effects of Different Drag-Free System Acceleration Noise Levels for Future Satellite Geodesy
Missions
Dissertation Chair: John Conklin

Hyun-Sik Hwang, *Materials Science & Engineering*
Zinc Oxide Nanowire Interphase for Interfacial Reinforcement at High Strain Rates
Dissertation Chair: Henry Sodano

Vicharana Intrakamhaeng, *Environmental Engineering Science*
Leaching Protocols for Assessing Regulatory Characterization and Environmental Mobility upon
Waste Disposal
Dissertation Chair: Timothy G. Townsend

Kaiyuan Jiang, *Biomedical Engineering*
Local Modification of Polydimethylsiloxane-Based Scaffold Implants to Improve Islet Graft Efficacy
and Modulate Host Response
Dissertation Chair: Cheryl Stabler Anderson

Paul M. Johns, *Nuclear Engineering Sciences*
Materials Development for Nuclear Security: Bismuth Triiodide Room Temperature Semiconductor
Detectors
Dissertation Chair: Juan C. Nino

Jason Carl June, *Aerospace Engineering*
An Acoustic and Hydrodynamic Study of Grazing Flow Over Helmholtz Resonators
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Kukjoo Kim, *Civil Engineering*
Enhanced Finite Element Analysis Tools and Instrumentation Method to Evaluate the Structural
Behavior of Non-Conventional Concrete Pavements
Dissertation Chair: Mang Tia

Nalini Kumar, *Electrical & Computer Engineering*
Behavioral Emulation for Design-Space Exploration of Extreme-Scale Algorithms and Architectures
Dissertation Chair: Herman Lam

Ron-Chi Kuo, *Electrical & Computer Engineering*
Three Dimensional Wireless Charging System with Flexible Receiver Alignment
Dissertation Chair: Jenshan Lin

Michael W. Kwan, *Materials Science & Engineering*
Development of Samarium Oxide Based Approach to Radiopharmaceutical Treatment of
Osteosarcoma
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Experimental and Life-Cycle Investigation of Nonsteroidal Anti-Inflammatory Drug Removal in
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Performance Optimization Strategies for Virtual Reconfigurable Computers
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Freeway Congestion Mitigation Using Advanced Vehicle and Communication Technology
Dissertation Chair: Ageliki Elefteriadou

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Effect of Neutron Irradiation and Thermal Aging on Cast Austenitic Stainless Steel and Stainless Steel
Weld Phase Stability
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Dissertation Chair: Thomas Ettore Angelini
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Reconstruction of Organ Doses of Patients Treated Historically for Hodgkin's Lymphoma with
Cobalt-60 Teletherapy
Dissertation Chair: Wesley Emmett Bolch
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Dissertation Chair: Prabhat Kumar Mishra
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Effect of Microtubule Motors on Microtubule Mechanics
Dissertation Chair: Anthony J. Ladd
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MEMS on a Plane: A Flush-Mount MEMS Piezoelectric Microphone for Aircraft Fuselage Arrays
Dissertation Chair: Mark Sheplak
- John E. Rogers, *Electrical & Computer Engineering*
A Passive Wireless MEMS Dynamic Pressure Sensor for Harsh Environments
Dissertation Chair: Mark Sheplak
- Mehdi Zahid Sadi, *Electrical & Computer Engineering*
On-Chip Structures for Reliability Management of System-On-Chips
Dissertation Chair: Mark M. Tehranipoor
- Martin Georgiev Sarov, *Computer Engineering*
Constructing the Spline Atlas of a Free-Form Surface
Dissertation Chair: Jorg Peters
- Neha Saroj Saxena, *Materials Science & Engineering*
Optimization of the Polymer-Induced Liquid-Precursor Process for the Remineralization of Dentin
Lesions
Dissertation Chair: Laurie B. Gower
- Kyle Dwight Schulze, *Mechanical Engineering*
The Various Contact Mechanics of Soft, Tunable Surfaces
Dissertation Chair: Wallace Gregory Sawyer
- David William Spelman, *Environmental Engineering Science*
Computational Fluid Dynamics Modeling of Particulate Matter Transport and Fate in Stormwater Unit
Operations Subject to Unsteady Hydraulic Loadings
Dissertation Chair: John Joseph Sansalone
- Soumitra Sunil Sulekar, *Materials Science & Engineering*
Defect Dynamics in Doped Ceria Electrolytes
Dissertation Chair: Juan C. Nino
- Haitang Wang, *Nuclear Engineering Sciences*
Models and Characterizations of Neutron Scintillation Detectors for Feasibility of Spent Fuel Cask
Monitoring
Dissertation Chair: Per Andreas Jon Enqvist
- Liteng Zha, *Civil Engineering*
Modeling and Analysis of On-Demand Ride-Sourcing Markets
Dissertation Chair: Yafeng Yin





CHAIN OF OFFICE

This custom-made ornament is worn with the president’s regalia, symbolizing the authority and responsibilities of the office. The chain is engraved with the names and service years of the university presidents. The medallion’s centerpiece is a 1.3-carat diamond.

ACADEMIC MACE

Dating back to the Middle Ages, the mace symbolizes strength and authority. The UF ceremonial mace was created for the university’s sesquicentennial celebration in 2003. The 70-inch staff features an alligator sitting atop a globe. The four pillars supporting the globe represent the four original colleges: Agriculture, Engineering, Law, and Liberal Arts. The staff is carved from cherry wood. The university’s chief marshal, who leads all academic processions, carries the mace.



UNIVERSITY OF FLORIDA TASSELS



Fisher School of Accounting
College of Agricultural and Life Sciences
College of the Arts
M.E. Rinker Sr. School of Construction Management
Warrington College of Business
Heavener School of Business
College of Dentistry
College of Design, Construction and Planning
College of Education
Herbert Wertheim College of Engineering
The Graduate School
College of Health and Human Performance
College of Journalism and Communications
Fredric G. Levin College of Law
College of Liberal Arts and Sciences, Arts
College of Liberal Arts and Sciences, Sciences
College of Medicine
College of Nursing
College of Pharmacy
College of Public Health and Health Professions
College of Veterinary Medicine

Aqua
Maize
Brown
Burnt Orange and Opal
Drab
Drab
Lilac
Blue Violet
Light Blue
Orange
Black
Sage Green
Black and White
Purple
White
Gold Yellow
Green
Apricot
Olive Green
Salmon
Gray

Caps and Gowns, An Explanation

The academic regalia worn by graduating students and faculty at today's commencement ceremonies evolved from a style of dress worn by members of guilds and religious orders in medieval times. The academic gown is worn by individuals who have earned a degree in higher education. In addition, hoods are worn by graduate degree candidates, but not by undergraduate degree candidates.

At the University of Florida, the lining of the hood has a blue chevron on an orange background to represent the university colors. University faculty members who hold degrees from another college or university wear the colors of their alma mater.

The velvet edging on the academic hood is the color that represents the particular degree held by the wearer. Agricultural and Life Sciences and Forest Resources and Conservation share maize edging; Design, Construction and Planning and Building Construction are blue violet; Audiology degrees have colonial blue edging; Business Administration and Accounting are drab; Dentistry is lilac; Education is light blue; Engineering degrees are represented by orange edging; Fine Arts degrees have brown edging; Health and Human Performance is sage green; Journalism and Communications is garnet; Law is purple; Liberal Arts is white and Liberal Sciences is gold yellow; Medicine is green; Music is pink; Natural Resources and Environment is antique gold; Nursing is apricot; Doctor of Pharmacy is olive; Philosophy is royal blue; Public Health degrees have salmon pink edging; Rehabilitation Counseling degrees have Nile green edging; and Veterinary Medicine is gray.

Distinctions among sleeves indicate the type of degree held by the wearer. A long, pointed sleeve indicates a bachelor's degree, while a long, closed sleeve with a slit near the upper part of the arm designates a master's degree. A round, open sleeve identifies a doctoral degree.

The doctoral regalia also has velvet running on the rest of the gown, including cross bars on the sleeve. Colored tassels on the degree candidates' caps indicate a candidate's school or college.

