

UNIVERSITY OF CALIFORNIA, LOS ANGELES  
THE HENRY SAMUELI SCHOOL OF ENGINEERING  
AND APPLIED SCIENCE



60TH COMMENCEMENT  
JUNE 15-16, 2024  
PAULEY PAVILION



**PRESIDENT**  
**Michael Drake**



**CHANCELLOR**  
**Gene Block**

Congratulations, UCLA Class of 2024!

It is my honor to join your family, friends, and the entire University of California community in celebrating you and your many accomplishments.

I hope you will always take great pride in what you have achieved at the University of California, and in being a part of the UC family for life. I wish you the best of luck in whatever comes next.

When NASA's Lucy mission launched two years ago, it was the first spacecraft sent to explore a population of asteroids orbiting in tandem with Jupiter. A plaque inside the craft bears the bilingual poem, "Sunriders," by former U.S. Poet Laureate Juan Felipe Herrera – an alumnus of UCLA. This poem captures the essence of the discovery and knowledge-creation you have been engaged in during your higher education. It reads:

Lucy carried us  
tumbling through planetesimal trails  
love saved us who will we be?  
compassion  
science  
humanity –  
Light

Bruins, we are proud of you. I know you will make the world a better, brighter place. Fiat lux – let there be light!

Michael V. Drake, M.D.  
President

Members of the Class of 2024, congratulations! You did it!

Graduating from college is an incredible achievement, and it offers us a special opportunity to reflect on your years of diligence and hard work. Your time here has undoubtedly been filled with challenges, growth, and unforgettable experiences. You faced truly unique circumstances as a class — including navigating the COVID-19 pandemic — and your resilience in the face of adversity and compassion for one another has been truly inspiring. I hope you are proud of all that you have accomplished, both as learners and as people.

Graduation also offers us a chance to look ahead — with excitement, curiosity and optimism — to the future that is about to unfold. The world urgently needs your creativity and passion. UCLA values of integrity, empathy, open-mindedness and a commitment to excellence will serve you well as you enter this next chapter of your lives.

I want to reassure you that your connection to UCLA does not end here. As alumni, you remain Bruins, and you will always have a home here. Whether you find yourself continuing your education or exploring new paths, know that our community is here to support you every step of the way. Take advantage of the resources and support services available to you as UCLA alumni and remember that you are part of a vast network of Bruins who are making a difference in the world.

On behalf of the entire UCLA community, I extend my heartfelt congratulations. We can't wait to see all that you will accomplish. May your futures be filled with continued success, fulfillment and limitless opportunities. And remember, once a Bruin, always a Bruin.

Gene D. Block  
Chancellor



**DEAN**  
**Ah-Hyung “Alissa” Park**

---

Congratulations, UCLA Samuelli Class of 2024!

Over the course of your time at UCLA, you have successfully demonstrated your ability to take on a rigorous curriculum, adapt to a challenging world and become problem solvers with integrity, resilience and resourcefulness.

By completing the requirements and receiving your degree from the UCLA Samuelli School of Engineering, you have acquired critical knowledge and developed technical skills that will carry you forward as you pursue your career in industry, government or academia. Most importantly, you will now join a network of distinguished alumni from one of the top engineering and computer science programs in the world.

Whether you were an undergraduate, transfer or graduate student, you have been a valued member of the UCLA Samuelli community. As you take your seat and get ready to walk across the stage at our school’s 60th commencement, take a moment to reflect on your growth over the years and think about the people whose love and support have helped sustain you through triumphs and trials in attaining your personal and professional goals.

We are so proud of you for achieving this major milestone and cannot wait to see what you will accomplish next. No matter how far you travel or how much time passes, you will always have a home here in Westwood. Everyone at UCLA Samuelli — faculty, staff, alumni and fellow Bruin engineers — will be rooting for your continued growth and success.

Take pride in who you are and be confident as you enter the next stage of your career. You represent the collaborative spirit of Bruins who will engineer change to improve our world. Go Bruins!

A handwritten signature in black ink, appearing to read "A PARK".

Ah-Hyung “Alissa” Park  
*Ronald and Valerie Sugar Dean*

# UNDERGRADUATE PROGRAM

— JUNE 15, 2024 —

**Professor Mekonnen Gebremichael**

*Faculty Marshal, Presiding*

## **PROCESSIONAL**

## **THE NATIONAL ANTHEM**

**Krishna Minocha**

Computer Engineering

Bachelor of Science, Spring 2024

## **SCHOOL WELCOME**

**Ah-Hyung “Alissa” Park**

*Ronald and Valerie Sugar Dean*

## **STUDENT SPEAKER’S MESSAGE**

**Emily Chang**

Chemical Engineering

Bachelor of Science, Spring 2024

## **COMMENCEMENT ADDRESS**

**Craig Russell**

*Distinguished Speaker*

## **PRESENTATION AND CONFERRAL OF CANDIDATES BACHELOR OF SCIENCE**

## **CLOSING REMARKS**

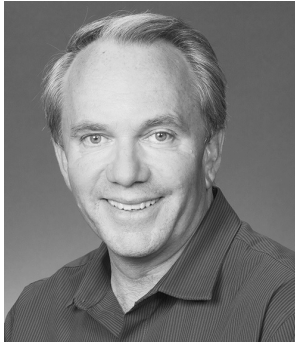
**Ah-Hyung “Alissa” Park**

*Ronald and Valerie Sugar Dean*

## **RECESSIONAL**

## DISTINGUISHED SPEAKER

---



**Craig Russell**  
*Chief Design & Project  
Delivery Executive (Ret.)*  
Walt Disney Imagineering

Over a career spanning nearly four and a half decades, Craig Russell has been a driving force behind some of the most audacious projects at Walt Disney Imagineering, which creates and builds Disney's

extraordinary experiences and places. He was deeply involved in the creation of half of Disney's global theme parks and served for almost a decade as the studio's co-leader and chief design and project delivery executive. Russell retired from Disney in February 2024. He now serves as a senior advisor to Disney leadership as well as other entertainment and technology companies.

Russell began his career as a project coordinator for Tokyo Disneyland, moving to Japan shortly after graduating from UCLA in 1980 with a bachelor's degree in mechanical systems. Following the completion of that project, he left Disney and returned to the U.S. to work in the themed entertainment industry on projects for Universal, overseas clients and the 1984 Summer Olympics in Los Angeles. In 1986, he returned to Disney for nearly 40 more years to help create many of its most beloved attractions, including Shanghai Disneyland and Star Wars: Galaxy's Edge.

Recognized by his colleagues as a mentor and people-first leader, Russell spent more than half his career leading major projects to support Imagineering's people and operations. Through these experiences, he developed a deep understanding of, and passion for, achieving mission and leadership within organizations, which he carries into his current advisory role.

In 2020, Russell was honored as a Ronald and Valerie Sugar Distinguished Speaker at UCLA Samueli, where he shared his experience as an undergraduate student and how it helped launch his career. The webinar, which was part of an endowed speaker series featuring national and international leaders in technology and related fields, drew more than 600 engineering students, alumni, faculty and friends of the school. ■

## STUDENT SPEAKER

---



**Emily Chang**  
*Chemical Engineering*  
Bachelor of Science, Spring 2024

Emily Chang, a first-generation engineering student from Ventura County, California, is graduating with a B.S. in chemical engineering. During her time at UCLA, she assumed several leadership roles in the American Institute of Chemical Engineers,

serving as the alumni chair and webmaster. She also participated in natural product biosynthesis research at the Yi Tang Lab at UCLA. In recognition of her academic achievements, she was elected a member of the California Epsilon chapter of Tau Beta Pi, the oldest engineering honor society in the U.S.

Chang established Chemical Quarterly, the Chemical and Biomolecular Engineering Department's newsletter. She was also the editor-in-chief for UCLA Radio during her junior year and worked at the Music Industry program in the UCLA Herb Alpert School of Music. After graduation, Chang plans to earn a master's degree in food engineering while working as a cheese engineer for Lactalis in Angers, France. ■

## NATIONAL ANTHEM PERFORMER

---



**Krisha Minocha**  
*Computer Engineering*  
Bachelor of Science, Spring 2024

Krisha Minocha is graduating with a B.S. in computer engineering. She was part of the Electrical and Computer Engineering Department's highly selective Fast Track to Success honors program. During her time at UCLA, Minocha served as both president and

external vice president of the UCLA chapter of Women Advancing Technology through Teamwork and as a curriculum director for Building Engineers and Mentors at UCLA.

In addition to her leadership roles on campus, Minocha also served as a student tutor and held several internships during her time at UCLA, including with Advanced Micro Devices Inc. and, most recently, Snowflake, a cloud computing company. After graduation, she plans to continue her work as a software engineer at Snowflake in San Mateo, California. ■

# GRADUATE PROGRAM

— JUNE 16, 2024 —

**Professor Mekonnen Gebremichael**

*Faculty Marshal, Presiding*

## PROCESSIONAL

## THE NATIONAL ANTHEM

**Justin Quan**

*Mechanical Engineering*

*Doctor of Philosophy, Summer 2024*

## SCHOOL WELCOME

**Ah-Hyung “Alissa” Park**

*Ronald and Valerie Sugar Dean*

## STUDENT SPEAKER’S MESSAGE

**Alexander “AJ” Johnson**

*Electrical and Computer Engineering*

*Doctor of Philosophy, Winter 2024*

## PRESENTATION AND CONFERRAL OF THE HOODS

## DOCTOR OF PHILOSOPHY

## COMMENCEMENT ADDRESS

**Stefano Soatto**

*Distinguished Speaker*

## PRESENTATION AND CONFERRAL OF CANDIDATES

## MASTER OF SCIENCE

## MASTER OF ENGINEERING

## CLOSING REMARKS

**Ah-Hyung “Alissa” Park**

*Ronald and Valerie Sugar Dean*

## RECESSIONAL



## DISTINGUISHED SPEAKER



**Stefano Soatto**  
*Vice President of Applied  
Science*  
**Amazon Web Services**

Stefano Soatto is the vice president of applied science for Amazon Web Services (AWS), where he has led the global organization's development of artificial intelligence (AI) applications. These

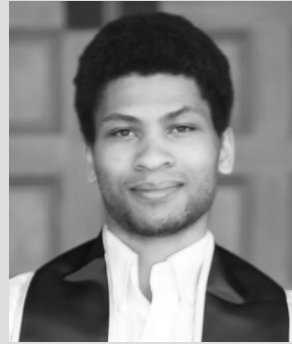
include natural language understanding (Amazon Comprehend), search (Amazon Kendra), forecasting (Amazon Forecast), computer vision (Amazon Rekognition), intelligent document processing (Amazon Textract), conversational AI (Amazon Lex), recommendation (Amazon Personalize), automatic speech recognition (Amazon Transcribe) and translation (Amazon Translate), industrial AI (Amazon Lookout for Vision and Amazon Lookout for Equipment), and most recently, foundation models (Amazon Bedrock, Amazon Q). Since 2024, Soatto has also been a distinguished scientist at AWS AI, focusing on long-term AI developments and associated risks.

A computer science professor currently on leave from the UCLA Samueli School of Engineering, Soatto was instrumental in the launch of the Science Hub for Humanity and Artificial Intelligence at UCLA Samueli in 2021, marking Amazon's first such alliance with a public university. The collaboration leverages the cross-pollination of industry and academic research on AI to address society's most pressing challenges. The hub also helps support doctoral fellowships, research projects and community outreach programs.

Soatto's research activities span artificial intelligence broadly, including machine learning, computer vision and robotics. After receiving his Ph.D. in control and dynamical systems from the California Institute of Technology in 1996, Soatto worked as a postdoctoral scholar in applied sciences at Harvard University. Prior to joining the UCLA faculty in 2000, he was an assistant professor and then associate professor in electrical engineering and biomedical engineering at Washington University in St. Louis. Before becoming an engineer, Soatto studied classics at the Liceo Ginnasio Tito Livio in his native Padova, Italy.

A fellow of the Association for Computing Machinery and the Institute of Electrical and Electronics Engineers (IEEE), Soatto has received honors such as the Marr Prize, the IEEE Computer Society's Siemens Prize and a National Science Foundation CAREER Award. ■

## STUDENT SPEAKER



**Alexander "AJ" Johnson**  
*Electrical and Computer  
Engineering*  
**Doctor of Philosophy, Winter 2024**

Double Bruin engineer Alexander "AJ" Johnson graduated with a Ph.D. in electrical and computer engineering in the winter quarter of 2024. After completing a bachelor's degree in electrical engineering from Northwestern

University, he started graduate study at UCLA in 2018 and received a master's degree in 2019.

Johnson worked on building inclusive speech technology with a focus on improving outcomes in educational applications of automatic speech-recognition systems for speakers of African American English. His thesis advisor was electrical and computer engineering professor Abeer Alwan. Johnson was also active in several student groups including the National Society of Black Engineers, the UCLA LGBTQ Campus Resource Center Advocacy Committee, and the Electrical and Computer Engineering Graduate and PostDoc Society. Since getting his doctoral degree, Johnson has been working as a data scientist at the JPMorgan Chase & Co. Machine Learning Center of Excellence. ■

## NATIONAL ANTHEM PERFORMER



**Justin Quan**  
*Mechanical Engineering*  
**Doctor of Philosophy, Summer 2024**

Justin Quan is graduating with a Ph.D. in mechanical engineering in the summer of 2024 after seven years of research in the Robotics and Mechanisms Laboratory (RoMeLa) at UCLA. The lab's latest climbing robot, which he helped build, recently won a top award at the Institute

of Electrical and Electronics Engineers International Conference on Robotics and Automation in Yokohama, Japan. Quan's thesis advisor was mechanical and aerospace engineering professor and RoMeLa director Dennis Hong. In addition to his academic pursuits, Quan has also been singing with the UCLA a cappella group Resonance since 2016. Before becoming a Bruin, Quan received both his bachelor's and master's degrees in mechanical engineering from UC Irvine in 2015 and 2016, respectively.

Outside of UCLA, Quan has worked as a robotics intern at NASA's Jet Propulsion Laboratory, developing robotic climbers and grippers. After graduation, he hopes to continue building robotic and mechanical systems for use in extreme environments, such as outer space. ■

## ABOUT UCLA SAMUELI

---

The UCLA Henry Samueli School of Engineering and Applied Science has more than 6,500 undergraduate and graduate students, nearly 200 full-time faculty members and more than 40,000 active alumni. Established in 1945, UCLA Samueli is known as the birthplace of the internet and where countless other fields took some of their first steps including artificial intelligence, reverse osmosis, mobile communications and human prosthetics.

In April 2021, UCLA became the first university to win an XPRIZE with a UCLA Samueli team that won a \$7.5 million grand prize for turning carbon into concrete. Since October 2021, two new hubs have been launched in UCLA Samueli that made UCLA the first public university selected for such establishments — the Science Hub for Humanity and Artificial Intelligence and the Break Through Tech AI Hub in Los Angeles. Both hubs are designed to harness the power of AI for the good of humanity and encourage more nontraditional students to study computer science.

The school's academic departments include Bioengineering, Chemical and Biomolecular Engineering, Civil and Environmental Engineering, Computer Science, Electrical and Computer Engineering, Materials Science and Engineering, and Mechanical and Aerospace Engineering, as well as the Department of Computational Medicine, which is affiliated with both the David Geffen School of Medicine at UCLA and UCLA Samueli.

In addition, UCLA Samueli offers the Master of Science in Engineering Online program and debuted the one-year Master of Engineering professional degree program in fall 2021.

In 2000, the engineering school was renamed in honor of triple alumnus Henry Samueli, following a \$30 million gift that supported capital improvements as well as fellowships for graduate students and early-career faculty. In 2019, Samueli and his wife, Susan, gave another gift of \$100 million through their charitable foundation to support the school's expansion well into the next decade.

UCLA Samueli is consistently ranked as one of the top engineering schools. Times Higher Education lists the school among the top 10 universities for engineering in the U.S. and top 20 in the world. U.S. News & World Report has ranked the school's online master's program No. 1 in the nation, and its graduate and undergraduate programs among the top 10 for U.S. public engineering schools.

Today, UCLA Samueli is in the midst of its largest growth since the school was founded, with plans to enroll more students and recruit additional professors. New faculty will bring expertise in emerging research areas, such as engineering in medicine, quantum technologies, and sustainable and resilient urban systems. The school's facilities include four major buildings: Boelter Hall, Engineering-IV, Engineering-V and Engineering-VI. Recent renovations have included the addition of the Student Creativity Center, which is home to many student organizations, and the UCLA Engineering Innovation Lab, a makerspace for hands-on learning.

• • •



# CANDIDATES



# DOCTOR OF PHILOSOPHY

## DEPARTMENT OF BIOENGINEERING

### Doctor of Philosophy in Bioengineering

Conferred, Fall 2023

**Stephanie Kawecki**

*From Cell to Table: Engineering Multicomponent Tissue by Spontaneous Adhesion of Myogenic and Adipogenic Microtissues Cultured with Customized Scaffolds for Cultured Meat Applications*

ADVISOR: Amy Rowat

**Trinny Tat**

*Soft Magnetoelastic Generators as Self-Powered Assistive Technologies*

ADVISOR: Jun Chen

**Hui Wang**

*Method Developments for CryoET to Resolve in situ Biological Structures*

ADVISOR: Hong Zhou

Conferred, Winter 2024

**Brooke Ann Jackson Hoffman**

*Nitrogen-Containing Polymers for Interfacing with Biology*

ADVISOR: Andrea Kasko

Candidates, Spring 2024

**Alexandra Gabrielle Bermudez**

*Biophysical Regulation of Epithelial Cell Crowding*

ADVISOR: Neil Lin

**Nicholas Sung Jin Cho**

*Novel Magnetic Resonance Imaging Tools to Characterize Molecular Subtypes and Malignant Transformation of Human IDH-Mutant Gliomas*

ADVISOR: Benjamin Ellingson

**Qi Cui**

*Multidimensional Optical Imaging*

ADVISOR: Liang Gao

**Jaime De Anda**

*Machine Learning Guided Synthetic Immunology and Microbiology*

ADVISOR: Gerard Wong

**Xiaoxi Du**

*Developing Computational Optical Imaging Systems with Artificial Intelligence*

ADVISOR: Liang Gao

**Xiao Han**

*Engineering Mast Cells as Effectors for Targeted Cancer Cell Cytotoxicity*

ADVISOR: Song Li

**Tyler Hoffman**

*Interfacing Engineered Materials and Synthetic Receptor Pathways to Control Cell Phenotype*

ADVISOR: Song Li

**Paul Kim**

*Underlying Mechanisms of Vascular Disease in Hutchinson-Gilford Progeria Syndrome (HGPS)*

ADVISORS: Loren Fong and Dino Di Carlo

**Brian Thomas Orcutt-Jahns**

*Computational Guided Engineering of Cell-Selective Cytokines*

ADVISOR: Aaron Meyer

**Elizabeth Anne Pumford**

*Leveraging Bioinspired Resources for Synthesis of Sustainable Polymeric Systems*

ADVISOR: Andrea Kasko

**Shihan Qiu**

*Retrospective Quantitative MRI and Synthetic MRI in the Brain with Deep Learning*

ADVISOR: Debiao Li

**Mina Shahi**

*Hippocampal Neural Dynamics of Spatial Navigation in the Morris Water*

ADVISORS: Weize Hong, Peyman Golshani and Mason Porter

**Zichen Wang**

*Graph Deep Learning for Pathology Imaging and Heterogeneous Medical Data*

ADVISOR: Corey Arnold

**Xun Zhao**

*Soft Magnetoelastic Bioelectronics*

ADVISOR: Jun Chen

## DEPARTMENT OF BIOENGINEERING

### Doctor of Philosophy in Bioengineering (continued)

#### Candidates, Summer 2024

##### **Zihao Chen**

*Physics-Base Deep Learning Models to Perform MR Image Reconstruction and Enhancement*

ADVISORS: Anthony G Christodoulou and Debiao Li

##### **Jake William Pensa**

*Prostate Cancer Detection with Micro-Ultrasound: Evaluation of Expert Reviewers and Deep Learning Classifiers*

ADVISOR: Corey Arnold

##### **Zhaoqiang Wang**

*Volumetric Functional Imaging with Light Field Microscopy*

ADVISOR: Liang Gao

##### **Xinheng Zhang**

*Time Resolved Tissue Characterization in Reperfused Myocardial Infarction with Cardiac Magnetic Resonance Imaging*

ADVISORS: Debiao Li and Rohan Dharmakumar

## DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

### Doctor of Philosophy in Chemical Engineering

#### Conferred, Fall 2023

##### **Fahim Abdullah**

*Sparse Identification Modeling and Predictive Control of Nonlinear Processes*

ADVISOR: Panagiotis D Christofides

##### **Steven Juan Bustillos**

*Implementation of Ion Exchange Processes on Industrial Waste Streams for Carbon Dioxide Mineralization*

ADVISOR: Dante Simonetti

##### **Joon Baek Jang**

*Development of Experimental and Modeling Methods to Study Reaction-Transport Kinetics of Electrochemical Carbon Dioxide Reduction on Copper*

ADVISOR: Carlos Morales Guio

##### **Ikechukwu Chukwuemeka Okorafor**

*Development of a Novel Olivetolic Acid Production Platform for the Further Study of the Therapeutic/Pharmacological Effects of Cannabinoids*

ADVISOR: Yi Tang

#### Conferred, Winter 2024

##### **Zheng Cao**

*Protein Nanocapsules: Modulators of the Immune System*

ADVISOR: Yunfeng Lu

#### Candidates, Spring 2024

##### **Shilin Chen**

*Nanocapsule-Based Prodrugs for Targeted Treatment of Cancer*

ADVISORS: Yunfeng Lu and Jing Wen

##### **Berkay Citmaci**

*Digitalization, Machine Learning Modeling and Control of an Experimental Electrochemical Reactor*

ADVISOR: Panagiotis D Christofides

##### **Advait Suhas Holkar**

*Self-Assembly of Functional Polyelectrolyte-Nanoparticle Materials*

ADVISOR: Samanvaya Srivastava

##### **Divya Jayaram Vijayalakshmi Iyer**

*The Influence of Macromolecular Design on Polyurethane Composites and Polyelectrolyte Complexation*

ADVISOR: Samanvaya Srivastava

##### **Hio Tong Ngan**

*Deciphering the Enhanced Selectivity and Reactivity of Dilute Alloy Catalysts in (De)Hydrogenation Reactions: A Theoretical Exploration*

ADVISOR: Philippe Sautet

##### **Tong Qi**

*Auxiliary Strategies to Augment Monoclonal Antibody Therapy for Tumor Management*

ADVISOR: Yunfeng Lu

## DOCTOR OF PHILOSOPHY (continued)

### DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

#### Doctor of Philosophy in Chemical Engineering (continued)

##### Celine Tesvara

*Understanding the Stability and Reactivity of Highly Dispersed Metal Catalyst Supported on Titania for the Decomposition of Chemical Warfare Agents*

ADVISOR: Philippe Sautet

##### Matthew Cheuk-Woh Tom

*First-Principles and Machine Learning Modeling for Design and Operation of Area-Selective Atomic Layer Deposition*

ADVISOR: Panagiotis D Christofides

##### Qingyang Yin

*Development of Alloyed Metal Anodes for Advanced Metal Batteries*

ADVISOR: Yunfeng Lu

##### Candidates, Summer 2024

##### Zahra Nasser Almisbaa

*Catalytic Mechanisms and Microkinetics for Hydrogenation and Dehydrogenation Reactions*

ADVISOR: Philippe Sautet

##### Xinheng Guo

*Designing Nanocapsule Surface Patterns for Targeted Delivery*

ADVISOR: Yunfeng Lu

##### Dmitriy Alexander Ruckodanov

*Nanomolar Dopamine Detection and Engineering an Evolved Oxidase for Electroenzymatic  $\gamma$ -Aminobutyric Acid Sensors*

ADVISOR: Harold Monbouquette

### DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

#### Doctor of Philosophy in Civil Engineering

##### Conferred, Fall 2023

##### Kenneth Stewart Hudson

*Next Generation Liquefaction Database and Probabilistic Liquefaction Model Development*

ADVISOR: Jonathan P Stewart

##### Kamiar Kalbasi Anaraki

*Influence of Coupling Beam Axial Restraint on Analysis and Design of Reinforced Concrete Coupled Walls*

ADVISOR: John Wallace

##### Jim Qin

*Initiation Mechanisms, Comfort Level, and Magnitude Control of Vortex-Induced Vibration for Long-Span Box Girder Suspension Bridge*

ADVISOR: Jiann-Wen Ju

##### Jacob Rubin Schaperow

*Enabling Remote-Sensing Based Streamflow Estimation at the Continental Scale*

ADVISOR: Steve Margulis

##### Emilie Tarouilly

*The "Perfect Storm": Leveraging Atmospheric Models to Improve Probable Maximum Precipitation (PMP) Estimates*

ADVISOR: Dennis Lettenmaier

##### Maria Alexandra Winters

*Modeling and Observations of Human Constructed Dunes in Wave and Tidally Dominated Coastal Environments*

ADVISOR: Timu Gallien

##### Jishan Wu

*Ultra High-Pressure Reverse Osmosis Membranes for the Lowest Cost and Energy Approach to Achieve Minimum Liquid Discharge*

ADVISOR: Eric Hoek

##### Runsheng Xu

*Cooperative Driving Automation: Simulation and Perception*

ADVISOR: Jiaqi Ma

##### Desheng Yao

*Design of Additively Manufactured Multi-Functional Metamaterials*

ADVISORS: Jian Zhang and Xiaoyu Zheng

##### Conferred, Winter 2024

##### Zehan Liu

*Seismic Risk Assessment of Spatially Distributed Levee System in the Sacramento-San Joaquin Delta*

ADVISOR: Scott Brandenburg

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### Doctor of Philosophy in Civil Engineering (continued)

#### Candidates, Spring 2024

##### **Laxman Dahal**

*Developing Efficient Regional Seismic Risk and Resilience Assessment Frameworks for Large-Scale Building Inventories*

ADVISOR: Henry Burton

##### **Onja Davidson Raelison**

*Wildfire Impacts on Stormwater Biofilter Functions: Implications on Their Design and Resilience*

ADVISOR: Sanjay Mohanty

##### **Minhao Xiao**

*Tailoring and Characterizing Pore Size Distribution of Phase Inverted Porous Polymeric Membranes: What, Why, and How?*

ADVISOR: Eric Hoek

##### **Fan Yang**

*Electrically Conducting Carbon Nano Tube, Porous Structures for Electromagnetic, Shielding and Chemical Production*

ADVISOR: David Jassby

##### **Zhangji Zhao**

*Towards the Physical Origin of Flexible-to-Rigid Transition in GeSe Glass*

ADVISOR: Ertugrul Taciroglu

##### **Xitong Zhou**

*Fire Spread Simulation and Probabilistic Regional Fire Loss Assessment at Wildland Urban Interface*

ADVISOR: Jian Zhang

#### Candidates, Summer 2024

##### **Yifan Gao**

*Enzyme Nanohybrids and Fungal Processes for the Degradation of Emerging Contaminants*

ADVISOR: Shaily Mahendra

##### **Boxiang Tang**

*Characterizing Compound Coastal Flood Risks in Urbanized Communities with a Numerical Hydrodynamic Model*

ADVISOR: Timu Gallien

##### **Yu-Chuan Tien**

*Improving Seasonal Precipitation Forecasts with Satellite Remote Sensing Product via Machine Learning Technique*

ADVISOR: Mekonnen Gebremichael

##### **Mehmet Emre Unal**

*Performance of Ordinary Structural Walls Subjected to Wind and Seismic Loading Protocols*

ADVISOR: John Wallace

##### **Aiqing Xu**

*Multiscale Analysis on Mechanical Properties and Self-Healing Mechanism of Cementitious Composites Featuring Superabsorbent Polymer (SAP)*

ADVISOR: Jiann-Wen Ju

## DEPARTMENT OF COMPUTER SCIENCE

### Doctor of Philosophy in Computer Science

#### Conferred, Fall 2023

##### **Hadley Black**

*Testing and Learning in High-Dimensions: Monotonicity Testing, Directed Isoperimetry, and Convex Sets*

ADVISOR: Raghu Meka

##### **Xiangning Chen**

*Advancing Automated Machine Learning: Neural Architectures and Optimization Algorithms*

ADVISOR: Cho-Jui Hsieh

##### **Andrew Sang-Jin Choi**

*Simulation of Deformable Objects for Sim2Real Applications in Robotics*

ADVISOR: Demetri Terzopoulos

##### **Shayan Fazeli**

*Efficient Representation Learning for Longitudinal Data in Healthcare Applications*

ADVISOR: Majid Sarrafzadeh



# DOCTOR OF PHILOSOPHY (continued)

## DEPARTMENT OF COMPUTER SCIENCE

### Doctor of Philosophy in Computer Science (continued)

#### Pasha Khosravi

*Applications of Probabilistic Reasoning in Trustworthy AI:  
From Handling Missing Data to Explainability*

ADVISOR: Guy Van den Broeck

#### Tianxiang Li

*Enhancing the Performance of Advanced Wireless Systems via  
Passive Beamforming*

ADVISOR: Omid Abari

#### Zeina Migeed

*Theory and Applications for Gradual Type Migration*

ADVISOR: Jens Palsberg

#### Christian Navasca

*An Observational and Statistical Technique for  
Efficient Big Data Applications*

ADVISOR: Harry Xu

#### Nadav Rakocz

*Computational Methods to Inform Healthcare Decisions at  
Individual and Population Levels*

ADVISOR: Sriram Sankararaman

#### Zhengrong Wang

*General, Flexible and Unified Near-Data Computing*

ADVISOR: Tony Nowatzki

#### Haikuo Yin

*Detecting Mimicry Attacks in Windows Malware*

ADVISORS: Leonard Kleinrock and Peter Reiher

#### Conferred, Winter 2024

#### Kevin Matthew Garbe

*Private Computations on Streaming Data*

ADVISOR: Rafail Ostrovsky

#### Yuxing Qiu

*Scalable and Efficient Material Point Methods on  
Modern Computational Platforms*  
ADVISORS: Demetri Terzopoulos and Chenfanfu Jiang

#### Yewen Wang

*Towards Effective and Efficient Graph Neural Networks*

ADVISOR: Yizhou Sun

#### Haoxin Zheng

*Learning-Based Diagnostic Models Incorporating Imaging and  
Clinical Information*

ADVISORS: Kyunghyun Sung and Fabien Scalzo

#### Candidates, Spring 2024

#### Kareem Ahmed Yousry Abdelraof Ahmed

*Neuro-Symbolic AI: A Probabilistic Perspective*

ADVISORS: Guy Van den Broeck and Kai-Wei Chang

#### Yadi Cao

*Advancing Physics Based Simulations: Integrating Conventional and  
Machine Learning Approaches for Enhanced Computational Efficiency*

ADVISOR: Demetri Terzopoulos

#### Pradeep Dogga

*Towards Cloud-Scale Debugging*

ADVISORS: Ravi Netravali and George Varghese

#### Ran Gong

*Embodied Simulation and Interaction*

ADVISOR: Demetri Terzopoulos

#### Danfeng Guo

*Application of Medical Language Models to Medical Image Analysis*

ADVISOR: Demetri Terzopoulos

#### Zijie Huang

*Neural Dynamics for Science: The Symbiosis of  
Deep Graph Learning and Differential Equations*

ADVISORS: Yizhou Sun and Wei Wang

#### Roshni Girija Iyer

*Towards Deep Representation Learning for Heterogeneous Networks*

ADVISORS: Yizhou Sun and Wei Wang

#### Song Jiang

*Towards Causally-Aware Dynamical Prediction*

ADVISOR: Yizhou Sun

#### Liunian Li

*Learning Visually Grounded Intelligence with Language*

ADVISOR: Kai-Wei Chang

#### Pan Lu

*Advancing Mathematical Reasoning with Language Models:  
A Multimodal and Knowledge-Intensive Perspective*

ADVISOR: Kai-Wei Chang

#### Wuyue Lu

*CPG Control of Locomotion in a Realistic Biomechanical  
Human Musculoskeletal Model*

ADVISOR: Demetri Terzopoulos

#### Haoran Ma

*Semantics-Guided Systems Foundations for  
Disaggregated Datacenters*

ADVISORS: Harry Xu and Miryung Kim

## DEPARTMENT OF COMPUTER SCIENCE

### Doctor of Philosophy in Computer Science (continued)

---

#### **Tao Meng**

*Constrained Inference and Decoding for Controlling NLP Models*

ADVISOR: Kai-Wei Chang

#### **Atefeh Sohrabizadeh**

*Customized Computing and Machine Learning*

ADVISOR: Jason Cong

#### **Te-Lin Wu**

*Grounded-Knowledge-Enhanced Instruction Understanding for*

*Multimodal Assistant Applications*

ADVISOR: Nanyun Peng

#### **Zhiping Xiao**

*Ideology Analysis for Social Media Users via Multi-Modal Data Mining*

ADVISORS: Yizhou Sun and Mason A Porter

#### **Yuanhao Xiong**

*Towards Algorithm and Data Efficient Deep Learning*

ADVISOR: Cho-Jui Hsieh

#### **Zhe Zeng**

*Neurosymbolic Learning and Reasoning*

ADVISOR: Guy Van den Broeck

#### **Shichang Zhang**

*Explainable Artificial Intelligence for Graph Data*

ADVISOR: Yizhou Sun

#### Candidates, Summer 2024

#### **Xinyu Ma**

*Internet Decentralization and Local First Application*

ADVISOR: Lixia Zhang

#### **Yifan Qiao**

*Reinventing Datacenter System Stacks for Resource Harvesting*

ADVISORS: Harry Xu and Miryung Kim

#### **Bochen Tan**

*Quantum Layout Synthesis*

ADVISOR: Jason Cong

#### **Chloe Meng-Jung Tsai**

*Computer Network Optimization Using the Power Metric*

ADVISOR: Leonard Kleinrock

#### **Sirui Xie**

*From Objects to Decisions: A Probabilistic Account of*

*Latent Abstractions*

ADVISOR: Demetri Terzopoulos

#### **Yu Yang**

*Data-Efficient and Robust Deep Learning for Vision and Language*

*Models on Large Data*

ADVISOR: Baharan Mirzasoleiman

#### **Weitong Zhang**

*Uncertainty-Aware Unsupervised and Robust Reinforcement Learning*

ADVISOR: Quanquan Gu

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

### Doctor of Philosophy in Electrical and Computer Engineering

---

#### Conferred, Fall 2023

#### **Sana Amani**

*Learning in Safety-Critical, Lifelong, and Multi-Agent Systems:*

*Bandits and RL Approaches*

ADVISOR: Lin Yang

#### **Bijie Bai**

*Deep Learning Optics for Computational Microscopy and*

*Diffraction Computing*

ADVISOR: Aydogan Ozcan

#### **Antonious Mamdouh Girgis**

*Communication-Efficient and Private Distributed Learning*

ADVISOR: Suhas N Diggavi

#### **Jonathan Michael Bunton**

*Provably Correct Optimization and Estimation:*

*Continuous, Discrete, and Dynamical*

ADVISOR: Paulo Tabuada

#### **Mahmoud Essalat**

*Time-Series Classification for Monitoring Toothbrushing Behavior*

*Using Motion Sensors*

ADVISOR: Gregory J Pottie

# DOCTOR OF PHILOSOPHY (continued)

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

### Doctor of Philosophy in Electrical and Computer Engineering (continued)

#### Noyan Evirgen

*Exploring User-Centric Generative Models: Advancing User Control, Comprehension, and Creative Capacity*  
ADVISOR: Xiang Anthony Chen

#### Mahdi Forghani

*A Low-Power 112-Gb/s PAM4 Wireline Transmitter*  
ADVISOR: Behzad Razavi

#### Jingxi Li

*Performing Optical Computing and Information Processing Based on Diffractive Neural Networks*  
ADVISOR: Aydogan Ozcan

#### Debnab Mitra

*Channel Coding Techniques for Scaling Modern Data-Driven Applications: From Blockchain Systems to Quantum Communications*  
ADVISOR: Lara Dolecek

#### Mohammadali Panahi

*Low-Cost and Low-Power Phased Array Architectures for Wireless Communication and Sensing*  
ADVISOR: Yuanxun Wang

#### Weinan Song

*Image-to-Image Translation by Deep Learning Model*  
ADVISOR: Lei He

#### Yu Wu

*Towards Actively Mode-Locked Terahertz Quantum-Cascade VECSELS*  
ADVISOR: Benjamin S Williams

#### Jiyue Yang

*Stochastic Compute-in-Memory Hardware Accelerator for Intelligent Edge Devices*  
ADVISOR: Sudhakar Pamarti

#### Wenzhuo Yu

*Ferrobotic Platform for Decentralized Diagnostics*  
ADVISOR: Sam Emaminejad

#### Conferred, Winter 2024

#### Ruchao Fan

*Improving the Accuracy and Inference Efficiency for Low-Resource Automatic Speech Recognition*  
ADVISOR: Abeer Alwan

#### Jeffrey Jiang

*On Robust Estimation in Causal Machine Learning*  
ADVISOR: Gregory Pottie

#### Alexander Johnson

*Towards Inclusive Low-Resource Speech Technologies: A Case Study of Educational Systems for African American English-Speaking Children*  
ADVISOR: Abeer Alwan

#### Jerry Li

*Ultra-Wideband Gallium Nitride Electronics for Integrated Phase Array Systems*  
ADVISOR: Yuanxun Wang

#### Lixuan Tai

*Topological Spintronics Based on Magnetic Skyrmions and Magnetic Topological Insulators*  
ADVISOR: Kang Wang

#### Candidates, Spring 2024

#### Shivang Agarwal

*Design and Applications of Novel Computational Methods for the Study of Quantum Properties of Emergent Nanomaterials and Biomolecules*  
ADVISORS: Kang Wang and Amartya Banerjee

#### Amaeel Antonini

*Feedback Communication over the Binary Symmetric Channel, Achievability Bounds Encoding Methods and Algorithms*  
ADVISOR: Richard Wesel

#### Kamal D Bhakta

*Efficient Analog Self-Interference Cancellation and High-Bandwidth Time-Varying Small Antennas*  
ADVISOR: Yuanxun "Ethan" Wang

#### Sunay Gajanan Bhat

*Robust Modeling Through Causal Priors and Data Purification in Machine Learning*  
ADVISOR: Gregory Pottie

#### Bingqian Dai

*Exploring the Use of Magnetic Domain Walls and Skyrmions in Beyond-CMOS Memory and Computing Devices*  
ADVISOR: Kang Wang

#### Jialin Dong

*Efficient Algorithms in Graph Neural Networks and Reinforcement Learning*  
ADVISOR: Lin Yang

#### Osama Habib

*Communication and Computationally Efficient Learning*  
ADVISORS: Christina Fragouli and Lin Yang

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

### Doctor of Philosophy in Electrical and Computer Engineering (continued)

---

**Haoran He**

*Voltage-Controlled Writing and Spin-to-Charge-Conversion-Based Reading in Spintronics Devices*  
ADVISOR: Kang Wang

**Pavan S Holur**

*Situation Modeling in Long-Form Text Data*  
ADVISOR: Vwani Roychowdhury

**Jiahui Huang**

*Exciton-Polariton Complexes in Chip-Scale Cavity Quantum Electrodynamics: Localized Single-Site Arrays and Color Centers*  
ADVISOR: Chee Wei Wong

**Dhaivat Janmejay Joshi**

*Models, Algorithms, and Downstream Applications of Nanopore Sequencing*  
ADVISOR: Suhas Diggavi

**Jin Ho Kang**

*Nonlinear Lattice Dynamics and Spin-Phonon Coupling in Magnetic Topological Heterostructures via Precision Optical Spectroscopy*  
ADVISOR: Chee Wei Wong

**Anthony Kim**

*Terahertz Metasurface Laser Design and Study of Optical Feedback*  
ADVISOR: Benjamin Williams

**Tonmoy Monsoor**

*Learning Characteristic Neuronal Dynamics of Neurological Disorders*  
ADVISOR: Vwani Roychowdhury

**Tamjid Al Rahat**

*Automated Detection and Mitigation of Vulnerabilities in Single Sign-on Implementations*  
ADVISOR: Yuan Tian

**Murat Can Sarihan**

*Building Blocks for a High-Dimensional Quantum Network*  
ADVISOR: Chee Wei Wong

**Navjot Singh**

*Communication Efficient Collaborative Learning*  
ADVISOR: Suhas Diggavi

**Makar Chand Snai**

*A 140-GHz 40-mW Receiver with LO Generation and Phase Shifting for Beamforming Applications*  
ADVISOR: Behzad Razavi

**Ruolin Wang**

*Netizen ATty: Engaging Internet Users in Making Visual Media Accessible*  
ADVISOR: Xiang "Anthony" Chen

**Ziqi Wang**

*RF+X Multimodal Sensing Systems for Deeper Scene Analysis*  
ADVISOR: Mani B Srivastava

**Botian Zhang**

*Modeling of Electromagnetic Responses with Respect to Design Variables: Local Gradients, Surrogate Modeling, and Deep Learning Neural Network*  
ADVISOR: Yahya Rahmat-Samii

**Yipeng Zhang**

*Automated Discovery and Modeling of Modalities in Large-Scale Heterogeneous Data*  
ADVISOR: Vwani Roychowdhury

**Yifan Zhao**

*Monolithically Integrated Terahertz Optoelectronics Based on Quantum Well Structures*  
ADVISOR: Mona Jarrahi

**Yiming Zhou**

*Vision Enhancement and Artificial Intelligence via Efficient and Interpretable Algorithms Inspired by Optical Physics*  
ADVISOR: Bahram Jalali

Candidates, Summer 2024

**Aisha Alnajdi**

*Machine Learning-Based Predictive Control of Nonlinear Processes*  
ADVISOR: Panagiotis D Christofides

**Pradyumna Venkatesh Chari**

*On Computational Imaging in the Era of Neural Sensing: The Sensor, the Data and the Algorithms*  
ADVISOR: Achuta Kadambi

**Hao-Yu Chien**

*A Bandwidth Extension Technique in BiCMOS Technology for Wideband Dividers*  
ADVISORS: C-K Ken Yang and Mau-Chung Frank Chang

**Qian Gao**

*Modeling and Design of RF Magnetic Devices Based on Equivalent Circuit Representation of Spin Dynamics*  
ADVISOR: Yuanxun Ethan Wang

## DOCTOR OF PHILOSOPHY (continued)

### DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

#### Doctor of Philosophy in Electrical and Computer Engineering (continued)

---

**Luzhe Huang**

*Deep Learning and Computational Microscopy*

ADVISOR: Aydogan Ozcan

**Shurui Li**

*Architecture, Modeling, and Optimization of*

*Photonic Neural Network Accelerators*

ADVISOR: Puneet Gupta

**Masoud Monajatipoor**

*Bridging Vision and Language: Generation and Classification*

*Strategies for Low-Resource Settings*

ADVISOR: Lin Yang and Kai-Wei Chang

**Vijay Ravi**

*Advancing Accuracy and Privacy in Speech-Based Modeling of*

*Major Depression: Innovative Approaches Through*

*Data Augmentation, and Speaker Identity Disentanglement*

ADVISOR: Abeer Alwan

**Kshitiz Tyagi**

*New Analysis and Design Techniques for High-Speed*

*Wireline Receivers*

ADVISOR: Behzad Razavi

**Jinhan Wang**

*Towards Better and Privacy-Preserving Speech Modeling for*

*Depression Detection*

ADVISOR: Abeer Alwan

### DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

#### Doctor of Philosophy in Materials Science and Engineering

---

Conferred, Fall 2023

**Yousif Jafar Sadik Alsaïd**

*Smart Polymers Towards Next-Generation*

*Water-Energy Nexus Technologies*

ADVISOR: Ximin He

**John Benjamin Brewer**

*Photonic Control of Thermal Infrared Radiation*

ADVISOR: Aaswath Raman

**Clincy Cheung**

*Demonstration and Modeling of a Nitride-Based Heterojunction*

*Bipolar Transistor Using Nanomembrane Transfer*

ADVISOR: Dwight Streit

**Sicong He**

*Simulation on Dislocation's Contribution to Metal Strength and*

*Grain Boundary's Role as Irradiation Defect Sink*

ADVISOR: Jaime Marian

**Kenny Huynh**

*Engineering Wafer Bonded Heterojunction Interfaces for*

*Wide Bandgap Semiconductors*

ADVISOR: Mark Goorsky

**Tieyi Li**

*Extracting and Analyzing Biochemical Features from*

*Nano Bioparticles for Disease Diagnosis Using Surface-Enhanced*

*Raman Spectroscopy and Artificial Intelligence*

ADVISOR: Ya-Hong Xie

**Yunkai Luo**

*Fast-Charging Electrodes for Next-Generation Electrochemical*

*Energy Storage Devices*

ADVISOR: Bruce Dunn

**Bineh Ndefru**

*Physics-Based Failure Modeling of Manganese Dioxide*

*Pseudocapacitors with Probabilistic Methods for Improved Lifetime*

*Prediction and Energy System Operation*

ADVISOR: Ali Mosleh

**Collin Sebastian Roberts**

*Thermo-Physical Phase Field Model of Laser Powder Melting Additive*

*Manufacturing of Layered Stainless Steel Structures*

ADVISOR: Jaime Marian

**Hao Yu**

*High-Z Nanoparticles Sensitized Organic Scintillators for*

*Radiation Detection*

ADVISOR: Qibing Pei



## DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

### Doctor of Philosophy in Materials Science and Engineering (continued)

---

#### Conferred, Winter 2024

##### **Boya Ouyang**

*Concrete's Strength Prediction Using Machine Learning Method*

ADVISOR: Yu Huang

##### **Hsuan Ming Yu**

*Nanotubes from First Principle and Data-Driven Methods:  
Real and Reimagined*

ADVISOR: Amartya Banerjee

##### **Ran Zheng**

*Organic Semiconductor Aggregates: from Molecular Designs to  
Device Applications*

ADVISOR: Yang Yang

##### **Xinran Zhou**

*Investigations of Point Defect Properties and Dislocation Mechanisms  
in the Equiatomic Nb-Mo-Ta-W Refractory Alloy by  
Computational Modeling and Simulations*

ADVISOR: Jaime Marian

#### Candidates, Spring 2024

##### **Jiacheng Fan**

*Broadband Smart Window Materials Based on Thermal Responsive  
Phase-Changing Polymers*

ADVISOR: Qibing Pei

##### **Ruxing Fu**

*Towards Photoactivated Drug Delivery and Cancer Immunotherapy,  
from Materials to Devices*

ADVISORS: Yang Yang and Song Li

##### **Musibau Francis Jimoh**

*Composite Nanostructured Materials for Energy Storage*

ADVISOR: Richard B Kaner

##### **Narayanan Murali**

*Fundamental Study on the Arc Welding of  
Dissimilar Aluminum Alloys with Nano-Treated Filler*

ADVISOR: Xiaochun Li

##### **Guangqi Ouyang**

*A Flexible "Battlet" Battery Integrated with Flexible Wireless Charger  
for Powering Wearable Devices*

ADVISOR: Subramanian S Iyer

##### **Kareem Youssef**

*Manufacturing of Dielectric Elastomer Materials into  
Multilayered Actuators, Electroacoustic Transducers, and  
Soft Biosensor Electrodes*

ADVISOR: Qibing Pei

#### Candidate, Summer 2024

##### **Malcom Jackson**

*Dzyaloshinskii-Moriya Interaction for Deterministic Control of  
Perpendicular Magnetization*

ADVISOR: Kang Wang

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Doctor of Philosophy in Aerospace Engineering

---

#### Conferred, Fall 2023

##### **Gabriel Ikaika Fernandez**

*Kinematics Analysis on Optimal Geometry for Robust Latching and  
Increased Load Capacity for LIMMS:*

*A Modular, Multi-Modal Robotic System*

ADVISOR: Dennis Hong

##### **Danny Donghyun Ko**

*Numerical and Deep Learning Study of Transpiration Cooling for  
Sharp Hypersonic Leading Edge*

ADVISOR: Y Sungtaek Ju

##### **Isabelle Constance Saint Laurent Sanders**

*Hybrid Combustion Analysis via Laser Absorption Spectroscopy for  
Rocket Propulsion and Fire Environments*

ADVISOR: Mitchell Spearrin

##### **Ho-Ting Tung**

*Nanophotonic Designs for Light-Driven Propulsion and  
Space Exploration*

ADVISOR: Artur R Davoyan

# DOCTOR OF PHILOSOPHY (continued)

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Doctor of Philosophy in Aerospace Engineering (continued)

---

Conferred, Winter 2024

**Jesse Rivera**

*Mechanical Antenna Simulations via Finite Difference  
Time Domain Methods*  
ADVISOR: Greg P Carman

Candidate, Summer 2024

**Patrick Crandall**

*Miniature RF Gridded Ion Thruster for Air-Breathing and  
Alternative Propellant Applications*  
ADVISOR: Richard Wirz

Candidate, Spring 2024

**Mary Frances Konopliv**

*Fast Optical Emission Spectroscopy for Studying Plasma Behavior in  
Hall Thrusters*  
ADVISOR: Richard Wirz

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Doctor of Philosophy in Mechanical Engineering

---

Conferred, Fall 2023

**Angel Cortez Aleman**

*In Situ Scanning Electron Microscopy Based Uniaxial Compression of  
Sub-Micrometer-Size Transition-Metal Carbide  
Single-Crystalline Pillars*  
ADVISORS: Nasr Ghoniem and Suneel Kumar Kodambaka

**Seongjin Lim**

*Empirical Validation of Optic Nerve Tethering by Horizontal Duction*  
ADVISOR: Vijay Gupta

**Kenneth Ernest Pyle**

*Design, Modeling, and Control of an  
Electrostatic Suspension Platform for Thin Disks*  
ADVISOR: Robert T M'Closkey

**Kevin Keegan Schwarm**

*Real-Time Laser Absorption Spectroscopy for Polyfuel  
Combustion Engines*  
ADVISOR: Mitchell Spearrin

**Dezhong Tong**

*Exploration of the Synergy Between Computational Mechanics and  
Robotics for Slender Structures*  
ADVISOR: Khalid Jawed

Conferred, Winter 2024

**Vasudevan Chandramouli**

*Study of Dynamic Flash Evaporation and Vapor Separation System and  
its Application to Desalination*  
ADVISOR: Viya Dhir

**Jingyu Chen**

*Novel Implicit Discretization and Solutions for Elastic Solids and Fluids*  
ADVISORS: Joseph Teran and H Pirouz Kavehpour

**Kai Fukami**

*Data-Driven Modeling and Control of Extreme Aerodynamic Flows:  
Super Resolution, Manifold Identification, and  
Phase-Amplitude Reduction*  
ADVISOR: Kunihiro Taira

**Jiahao Li**

*Smartening Legacy Objects: Transforming Legacy Physical Objects  
into Smart Entities Through Robotic Augmentations*  
ADVISOR: Xiang Anthony Chen

**Yuki Shirai**

*Optimization-Based Planning and Control for Robust and Dexterous  
Locomotion and Manipulation Through Contact*  
ADVISOR: Dennis Hong

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Doctor of Philosophy in Mechanical Engineering (continued)

---

**Jianwei Sun**

*Physical Human-Robot Interaction with Exoskeletons*

ADVISOR: Jacob Rosen

**Yi Yan**

*Experimental and Numerical Study of Mixed-Convection*

*Magnetohydrodynamic (MHD) Flows for Liquid-Metal Fusion Blankets*

ADVISOR: Mohamed Abdou

#### Candidates, Spring 2024

**Shima Akbar Pour Sarabi**

*Effect of Localized High Strain Rate on Failure Mechanism of*

*Polyurea Composites*

ADVISOR: Vijay Gupta

**Nigel Calvin Archer**

*The Synthesis and Analysis of Interconnected Hybrid Mechanisms*

ADVISOR: Johnathan Hopkins

**Abhinav Bhanawat**

*Solar Radiation Transfer Through Semitransparent Scattering Media*

*Across Length Scales*

ADVISOR: Laurent G Pilon

**Mrunmayi Mungekar**

*Directed Shape Morphing of Soft Kirigami Deployables*

ADVISOR: M Khalid Jawed

**Alexandra Nguyen Pogue**

*Dynamic Analysis of Walking and Crawling Robots and*

*Other Topics in Robotics*

ADVISORS: Ankur Mehta and Dennis Hong

**Fadi Rafeedi**

*Design and Analysis of Novel Limb and End-Effector Mechanisms for a*

*Highly Capable Quadruped Robot*

ADVISOR: Dennis Hong

**Alexander Schperberg**

*Towards Intelligent Robotic Systems: Unifying Model-Based*

*Optimization and Machine Learning for Planning,*

*Control, and Estimation*

ADVISOR: Dennis Hong

**Colin Togashi**

*Dynamic Motion Generation for a Torque Controlled Humanoid Robot*

ADVISOR: Dennis Hong

**Yu Zhou**

*Mechanical Instability, Phase Separation, and Fracture Phenomena in*

*Soft Materials*

ADVISOR: Lihua Jin

#### Candidates, Summer 2024

**Vedasri Godavarthi**

*Phase Oscillator-Based Modeling and Optimal Control of Fluid Flows*

ADVISOR: Kunihiko (Sam) Taira

**Seungmin Jung**

*AI-Driven Autonomous Rehabilitation System:*

*Enhanced Assessment and Dynamic Difficulty Adjustment with*

*Virtual Reality and Wearable Body Sensors*

ADVISOR: Jacob Rosen

**Yuxuan Li**

*Modeling and Estimation of Transient Two-Phase Thermofluid Systems*

*with Data Assimilation*

ADVISORS: Jeff Eldredge and Adrienne Lavine

**Yeting Liu**

*Design of Highly Dynamic Robotic Platforms*

ADVISOR: Dennis Hong

**Hyunwoo Nam**

*Development and Control of a Proprioceptive Manipulator*

ADVISOR: Dennis Hong

**Justin Rei Quan**

*Novel Lightweight Extendable and Bendable Robotic Limb*

*Using Tape Springs*

ADVISOR: Dennis Hong

**Qining Wang**

*Electrodewetting-Based Microdevices and a Cloud-Based Design and*

*Manufacturing Platform for Digital Microfluidics*

ADVISOR: Chang-Jin Kim

**Yucheng Zhou**

*Thermal Characterization and Modeling of Electrochemical*

*Energy Storage Systems*

ADVISOR: Laurent G Pilon

# MASTER OF SCIENCE

## DEPARTMENT OF BIOENGINEERING

### Master of Science in Bioengineering

#### Conferred, Fall 2023

Zheyuan Hu

Chenshu Liu

Dorsa Mir Norouzi

Samanta Negrete Munoz

Jace Vu

#### Conferred, Winter 2024

Devaki Abhijit Abhyankar

Phil Che

#### Candidates, Spring 2024

Brian Arianpour

Alison Emily Barer

Soulaimane Bentaleb

Jarod Maxwell Carol

Kyle Jantan Chen

Giorgio Conta

Noah Guillermo

Wilson Hsu

Yung-Pei Ko

Shivani Kumar

Haoran Li

Adelmo Raul Lopez

Mylan Anh Mayer

Nathan Estevan Montanez

Alexander Jacob Patrus

Katarina Nina Pejcinovic

Melissa Janet Rupert

Hye Sook Shin

Kimberly Ann Stahovich

Sharon Tam

Meera Trisal

Yun-Han Tsai

Peiran Xu

Junyi Yin

Weizhen Zhang

Yaran Zhang

#### Candidates, Summer 2024

Leon O Aburime

Het Nihar Desai

Erika Hookasian

## DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

### Master of Science in Chemical Engineering

#### Conferred, Fall 2023

Omar Mostafa Mohamed Salaheldin Ibrahim Elfar

Albert Yuheng Lee

Claire Love

Yash Ashit Kadakia

Zara Khan

#### Conferred, Winter 2024

Sree Harsha Bhimineni

Yani Guan

#### Candidates, Spring 2024

Walaa Sameer F Alhawaj

Ahmed Almunaifi

Eber D Reyes Lopez

◆ Departmental Scholar – B.S. and M.S. degrees awarded simultaneously

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### Master of Science in Civil Engineering

---

#### Conferred, Fall 2023

Bahereh Ansari  
Nayiree Dahjet  
Carolina Ann Groff Hinojosa  
Amir Ali Guity  
Matthew Gregory Huffman  
Anthony Sionfay Lam Yi  
Hanzhao Li  
Heejuen Lim  
Rutuja Rajendra Patil  
Aisiri Venkatesh Padaki  
Zihao Wu  
Hangping Zhang

Ayush Deb  
James Richard DeLong  
Mustafa Demir  
Collin Neal Ellingboe  
Kelly Espino  
Seyedeh helia Fazl azar sharabiani  
Drew Anthony Ferketic  
Melis Fidansoy  
Amara Krysia Filochowski  
Emily Anne Fischman  
Aryanna Faith Fontanez  
Anthony Fuentes  
Ruben David Makhlof Gandanger

Yasmine Alyssa Mesri  
Victor Adalid Mojica Morales  
David Eric Mota  
Daisy Mugodzeri  
Soham Ray  
Adrian Ruiz Diaz  
Sumeet Sahani  
Justin Sautter  
Alireza Shayegani  
Varun Nigesh Sivakumar Renugah  
Al Anthony Sova  
Fahd Mahmoud Ssewanyana  
Itzhary Tamayo

#### Conferred, Winter 2024

Patrick Nicholas Hadinata  
Christine Denise Hagemeier  
Lin-Kai Huang  
Margit Meral Goldberg Maple

Maryam Ghamarchehreh  
Jacob Martin Gibbs  
Alexandre Laurent Guinand  
Samuel Dwima Halim  
Janet Walid Hawatmeh

Lance Cedric Ang Tan  
Joseph Jun Wang  
Richard Woo  
Anthony Yen  
Samuel Zaffran  
Boyang Zhang  
Yuhui Zhang

#### Candidates, Spring 2024

Godfred Opoku Ababio  
Alina Anil  
Poonam Manoj Bhakta  
Xinyi Cao  
Derek Adrian Carlton  
Samuel Cullen Crowder

Louis Kaczmar  
El Khansaa Kamal Idrissi  
Axel Chant Kazanci  
Hon Hin Ko  
Chenchen Kuai  
Kiyong Kwon

#### Candidates, Summer 2024

Ahmad Hisham A Almusaiid  
Joseph Choi  
Rayan Zafar Malik



# MASTER OF SCIENCE (continued)

## DEPARTMENT OF COMPUTER SCIENCE Master of Science in Computer Science

### Conferred, Fall 2023

Mehrab Beikzadeh  
Lalit Bhagat  
Harrison Paul Cassar  
Yijun Cheng  
Allen Khit Cheung  
John Arthur Minhquan Dang  
Aishwarya Dev  
Vipul Gupta  
Tanmaya Hada  
Steve He  
Fengyuan Heying  
Han Jiang  
Rahul Kapur  
Harshita Sudhir Khandelwal  
Yongqian Li  
Aditya Mishra  
Seiji Samuel Otsu  
Nuocheng Pan  
Reza Rezvani Pakdeh  
Varuni Sarwal  
Cindy Zhang  
Xinyu Zhao

### Conferred, Winter 2024

Ashwani Raj Aggarwal  
Weitong Chen  
Wenxin Cheng  
Rasmus Henriksen  
Yijin Hua  
Alex Lee

Xuheng Li

Jiachen Ma  
Sairisheek Muttukuru  
Muyuan Qiu  
Erik Zhiyuan Ren  
Thomas William Scott  
Neil Umesh Vaishampayan ♦

Jiaxi Wang

Letian Zheng

### Candidates, Spring 2024

Hyosang Ahn  
Kevin Antony  
Andrew Bai  
Pranav Balgi  
Rustem Cam Aygun  
William Xichang Cao  
Jonathan Briggs Carlson  
Huan-Yu Chang  
Shrea Anjali Chari  
Jatin Chauhan  
Alex Chen  
Gordon Chen  
Ryan Shui-Kwan Chen  
Julius Konrad Clausnitzer  
Hanna Co  
Connor Mark Mao Couture  
Darien Cruz Nguyen  
Wei Cui  
Sahil Dani  
Oliver Paul de Visser

Arek Sasoun Der-Sarkissian

Yiwen Ding  
Fangcheng Dou  
Chenda Duan  
Ricky Yu-Taai Fok  
Poorva Garg  
Karl Lin De Han Goeltner  
Han Andy Goh  
Gregory Grigorian  
Minrui Gui  
Niki Hosseinian ♦  
John Douglas Houser  
Justin Hu  
Jihong Huang  
Gan Kang  
Abhishek Karnik  
Euibin Kim  
Sangjoon Lee  
Isaac Li  
Qi Li  
Tianqi Li  
Vincent Li  
Zhi Li  
Wan-Hsuan Lin  
Chang Yang Liu  
Dale Yen Lu  
Jeffrey Chifang Ma ♦  
Nisha Mangalmurti McNealis  
Sicheng Mo  
Siddharth Nandy

---

## DEPARTMENT OF COMPUTER SCIENCE

### Master of Science in Computer Science (continued)

---

Nidhi Tejash Panchal	Rishi Upadhyay	Dadian Zhu
Rebecca Pattichis	Avalon Eleven Vinella	Maggie Zhu
Garvit Rajkumar Pugalia	Akhil Vinta	Tianying Zhu
Haoyi Qiu	Yueyu Wang	<u>Candidates, Summer 2024</u>
Xutong Qiu	Jiamin Xu	
Jingnong Qu	Minkai Yang	
Shruthi Chandrashekar Srinarasi	Huizhuo Yuan	
Jiayueran Sun	Yifan Zhang	
Richard Chenxi Tang	Yifan Zhong	Yuyang Chen
Johnathan Tran	Chun Zhou	Kashif de Leede
		Wenhao Du
		Siddhant Kharbanda

---

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

### Master of Science in Electrical and Computer Engineering

---

<u>Conferred, Fall 2023</u>	Hersh Joshi	Jiuxu Song
Shreeram Seshathri Athreya	Stheya Julakanti	Ryan Lian Su
Ananyo Banerjee	Ronak Nitin Kaoshik	Eric Sheng Tang
Tyler Chang	Lucas Kenzo Katayama	Serena Tang
Runzhou Chen	Kimaya Milind Kulkarni	Aras Firat Unal
Yida Chen	Brandon Hoang Le	Tejas Viswanath
Arunachalam Chidambaram	Zhenxiang Li	Dao Ngoc Vu
Christopher Ira Demos	Haonan Liu	Zhaozhenzi Wang
Ananya Deepak Deoghare	Tristan Roger Melton	Tianyu Xiao
Jackson Fletcher	Balaji Natarajan Balaji Shankar	Huan Xu
Ananay Garg	Theodoros Papaikovou	Xiaotian Yang
Ziyi Guo	Parth Prasad Patwa	Xiaoying Yang
Vaibhav Gupta	Philippe Karl Bruno Malm Questel	Haochen Zhao
Bryan Wei Jang	Jayanthh Shreekumar	Yingqian Zhao
Sicheng Jiang	Amy Sihn	Yukang Zhu

# MASTER OF SCIENCE (continued)

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

### Master of Science in Electrical and Computer Engineering (continued)

#### Conferred, Winter 2024

Anton Alberto Alcalá  
Swagath Babu  
Rolly Baradiya  
Sankar Vaishnavi Boddupalli  
Yu Cao  
David Noah Castro  
Xingyu Chen  
Yilun Cheng  
Zhengwei Dai  
Isabel Chiemi Dominik  
Yanfeng Guo  
Yuhan Guo  
Zijia Guo  
Yingjie He  
Yunqi Hong  
Allen Huang  
Ming Wei Hung  
Mannan Sudesh Jalan  
Alon Krauthammer  
Gokul Kuppuswamy  
Lixing Liu  
Tree Liu  
Emmanuel Magana Mendez  
Somanshu Mishra  
Tianyuan Nan  
Arkaprova Ray  
Shyan Amin Shafii  
Lalit Kishan Sisodiya  
Jamie Stokes

#### Lawrence Su

Madeline Kyomi Taylor  
Jacob Thomas  
Vaibhav Yogesh Tiwari  
Matthew Waliman  
Deyi Wang  
Hanway Wang  
Linzhe Wang  
Lucian Wang  
Zan Xie  
Huan Xu  
Yiwen Zhang  
Yuchen Zheng

#### Candidates, Spring 2024

Alipooya Aghanoury  
Usman Zulfiqar Ahmed  
Abbas Rajabi Bakhshandeh  
Arhison Bharathan  
Abraham Galleta Canafe  
Yuchen Cao  
Alexander Chen  
Yujie Chen  
Jiun-Jie Chiou  
Dennis Chiu  
Jiarui Cui  
Yuedong Cui  
Arijit Dey  
Timothy Do  
Hanyi Duan  
Billy Duong ♦

#### Vasu Bhaskar Eranki

Selasi Etchey  
Benyamin Fallahi Motlagh  
Cody Shengyao Fan  
Blake Bagnol Gella  
Nabanita Ghoshal  
Joseph Gong  
Rafael Guerra Fuentes  
Aparajeeta Guha  
Chinmay Shekhar Gurjarpadhye  
Zheng Han  
Brian Hardell ♦  
Yao Ting Hsu  
Bingqing Hu  
Kuei-Tzu Hu  
Wenman Hu  
Christopher S Hwang  
Venkata Lahari Julakanti  
Neil Atul Kane ♦  
Sheng Chi Kao  
Merve Karakas  
Aisha Kermiche  
Zaya Firas Lazar  
Xinlin Li  
Xirui Li  
Yaochen Li  
Yunfan Li  
Luming Lin  
Arthur Kwanchun Liu  
Chenwei Liu

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

### Master of Science in Electrical and Computer Engineering (continued)

Tianyuan Liu	Shreyas Rajesh	Yuxin Yin
Yang Liu	Sahan Yoruc Selcuk	Yaman Yucel
Asish Lowrance	Justin Shao	Zilin Zeng
Kunbo Ma	Ruixuan Shen	Hanyu Zhang
Xiaoya Ma	Umair Muhammad Siddique	Haochen Zhang
Aurosweta Mahapatra	Brendan Hisao Towell	Zheng Zhang
Roshan Pathitharayil Mathews	Yi-Lin Tsai	Ding Zhao
Akhilesh Sunil Mendon	Cennet Tugce Turan	Wenbo Zhao
Gabriel Ellis Morozowsky ♦	Ravi Varma	David Zheng ♦
Snigdha Mudgal	Yi Wang	Jiahao Zheng
Amirreza Neshaei Moghaddam	Yujie Wang	Hanfeng Zhong
Mehmet Ufuk Ozdemir	Zihan Wang	Jiyu Zhou
Robert Canberk Ozturk	Yan Jean Wei	Tianjia Zhou
Kaifeng Pang	Tristan Alexander Wilson	
Nathan Xavier Pereira	Tianyu Xiang	<u>Candidates, Summer 2024</u>
Pranay Putrevu	Haolin Xiong	Cheng Chang
Guanyu Qian	Boxun Yan	Leyang Huang
Xuhe Qian	Yuyang Yan	Isaiah Wankyom Kim
Mike Qu ♦	Chunxu Yang	Siyuan Miao
Michael Ly Quach	Ercem Yesil	Ruoqing Ni

## MASTER OF SCIENCE (continued)

### DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING Master of Science in Materials Science and Engineering

---

#### Conferred, Fall 2023

Nien-Yuan Chin

Zelin Deng

Samuel Lowell Dunscombe

Zishang Lin

Te Lu

#### Conferred, Winter 2024

Zijia Cheng

Zijie Sun

Zuodong Wu

#### Candidates, Spring 2024

Hrithik Agrawal

Sai Deepak Kumar Ayyalasomayajula

Anand Johnson Bokka

Ewing Chen

Yen-Wei Chen

Chieh-Ning Hsin

Zhonghong Kong

Amrutha Koripalli

Adityaraj Chowhan Korra

Zerui Li

Xinwu Liu

Wei-Chun Sun

Thomas Wakuta

Kenny Wong

#### Candidates, Summer 2024

Austin Chen

Venkatramanan Meenakshisundaram

Nishanth Ravi

Mansi Sunil Sheth

Cheng-Ting Yang

### DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING Master of Science in Aerospace Engineering

---

#### Conferred, Fall 2023

Hiroto Odaka

David Paul Thorne

#### Conferred, Winter 2024

Benjamin Heronimus

#### Candidates, Spring 2024

Anna Cosmin-Spanoche

Gurveer Dhillon

Narek Divanyan

Evan Garrison

Sitora Gofurova

Matthew Scott Guemmer ♦

Hao-Yun Hung

Atti Lau

Hoyeol Lee

Joanne Luong

Brendan Morgan

Brian Ndiaye

Ariya Olae

Nikolas Cameron Struntz ♦

Jae-An Wang

Jessica Zhang



## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Master of Science in Mechanical Engineering

#### Conferred, Fall 2023

Ji Sung Ahn  
 Mohammadreza Bahramian Renani  
 Noah Alexander Ballard  
 Bita Behziz  
 Bethany Chang  
 Parnian Hemmati  
 David Joseph Hill  
 Nithin Kaniyamkudiyil Subhash  
 Sai Nitish Kovalam Lakshmi Narasimha  
 Sanjay Pradeep  
 Rishi Pugazhendhi  
 Nikunj Sanghai  
 Ye Song  
 Boyue Sun  
 Yao Hsing Tseng

#### Conferred, Winter 2024

Allen Cong  
 Francis Del Campo Melchor  
 Vehan Hiren Doshi  
 Michael Cameron Hughes  
 Chien-Fong Lee  
 Tara Alexandra Mellor

#### Aditya Shridhar Navghare

Noah Nima Shamsai  
 Bharat Lalit Sharma  
 Ebryanto Soemardy  
 Junbo Wang  
 Shizhuo Zhu

#### Candidates, Spring 2024

Zachary Brown  
 David Bughman  
 Scott Cao ♦  
 Junlin Chen  
 Yuxiao Chen  
 Andrew Douglas Chrissan  
 Ian Cook  
 Douglas Dahm  
 Mauricio Kazuki Deguchi ♦  
 Arturo Flores Alvarez  
 Steven Garcia  
 Monish Raahul Gowrishankar  
 Logan Hall  
 Anais Hernandez  
 Griffin Houston  
 Wisdom Ibole  
 Vatsal Jain

#### Chenhao Jian

Amin Ebrahim Khatibi  
 Evelyn Kim  
 Jinyoung Kim  
 Sunil Klein  
 Aki Kono  
 James Langer Weida  
 Ryan Lee  
 Yuchen Li  
 Jane Liu  
 Kelly Luo  
 Jacob Maljian  
 Jingran Meng  
 Philip Ng  
 Dan Nguyen  
 Dylan Santora  
 David Reed Shafer, II  
 Huangshuai Shi  
 Abigail Simcox  
 Lucas Ton  
 Mumbi Wambui Stewart Whidby  
 Shuhao Yang  
 Yu Wei Yuan

# MASTER OF SCIENCE (continued)

## SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

### Master of Science in Engineering

#### Conferred, Fall 2023

Ethan Duong  
Brett Joseph Durlock  
Daniel Christian Dutra  
Emily Rachael Gilbert  
Huijun Sunny Hao  
Alan J Jahic  
Rebecca May Kan  
Troy Charles Kensinger  
Diane Leal Delgado  
Pei Jou Liu  
Rohan Mehta  
Jacob Tyler Morton  
Syed R Nawshad  
Henry Duc Nguyen  
Wendy T Nguyen  
Yuki Nathaniel Oji  
Atharva Umesh Padhye  
Anthony Parra  
Linda Lan Ngoc Phung  
Christian Ruiz  
Muhammad Saeed  
Jesus Salgado  
Neha Sikligar  
Ramya Harikrishna Visweswaran  
Tong Wu  
Han Zhang

#### Conferred, Winter 2024

Samuel Khalil Anderson  
Dylan Andrew Chennault  
Makenzie Kathleen Clark  
Matthew David Flanagan

#### Benjamin Johann Grunauer

Dylan Kenneth Gunn  
Kendric Michael Heck  
Nathan Cyrus Hong  
April Soo Kang  
Elyse Kellerman  
Parker Chase Leinbach  
Joseph Cheng Lin  
Brandon Lopez  
Justin Edward Metz, Jr.  
Terry Albert Pederson  
Mina Taheri  
Stephen Taing  
Charlotte Sometimes Erin Teunisse

#### Candidates, Spring 2024

Adriana Marie Lansang Aldana  
Gohar Artenyan  
Lusine Artenyan  
Cindy Chan  
Babette Chao  
Matthew David Chu  
Shalia K Coburn  
Jonathan J Cui  
Fiona Katherine Daley  
Amy Rae DeMorrow  
Mahrokh Ebrahimi  
Doh-Kyun Han  
Ryan Holland  
Yeonje Jo  
Shreya Kini  
Nikita Bennay Kowal  
Jesse Stephen LakeYoungberg

#### Amanda Nicole Lew

Chau Ly  
Lauren Marie Mizner  
Jamal Mohmand  
Jeniece Rose Neville  
Justin Ng  
Christina Nhan  
Jarrett Dallett Oney  
Othon Palma Duque  
Melissa Vanety Renteria Santana  
Riley Emanuel Roe  
Joseph Rudick  
Ranjita Sahu  
Michael Leonard Savoie  
Zachary Stanley Sheehan  
Athiyya Shaheen Umar Malick  
Klaus Juergen Vollmer  
Sarah Deborah Wilen

#### Candidates, Summer 2024

Ricardo Daniel Solorzano Acuña  
Mohammed Abdul Azeem  
Jason Gihun Byun  
Emily Hou  
Henry William Judson  
Shumin Lin  
Nikhil Malhotra  
Maria Annabelle Nulud Mesina-Gross  
Kathryn Marie Palmer  
Cassidy Nicole Pensa  
Jason Tay  
Morgan Stephen Worthington

## SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

### Master of Science in Engineering-Aerospace

---

#### Conferred, Fall 2023

Sean Christopher Hardy

Benjamin David Stolte

Kyle Tashi Winterer

#### Conferred, Winter 2024

Jeffrey Gordon

Jorge Brian Rivera

Francisco Villegas

Huan Xu

#### Candidates, Spring 2024

Andrew Evans

Michael Horn

Gabriel Gendron Musen

Shaheer Sajid

Fernando Sanchez

### Master of Science in Engineering-Computer Networking

---

#### Conferred, Winter 2024

Sunny Kandy Lai

### Master of Science in Engineering-Electrical

---

#### Conferred, Fall 2023

Erik Ebrahimi

Daniel Raymond Hulbert

Jennifer Anne Hunter

Alexandrea Elizabeth Kuniko Jackson-Martinez

Ryan Ho-Hin Leung

Abdallah Sam Maatouk

Neil Yagnesh Patel

Krysten Pfau

#### Conferred, Winter 2024

Thuan Minh Duong

Phillip Kwan

Brian Cummins McLaughlin

Jacqueline Lucy Peng

Franco Nicholas Ruiz

Kyson Tan

Lingbo Tang

Raellis Sze Heng Young

#### Candidates, Spring 2024

Domenic Gavin Avilez

Carlos David Barrientos Sanchez

Aram Dergevorkian

Pattinson Hayton

Alisson Li

Justine Lin

Stanley F Rohrbacher

Cooper Malcolm Stuart Simpson

#### Candidates, Summer 2024

Paing Zin Htet

Reona Gen Samson Peralta

Ananya Srinivasan

## MASTER OF SCIENCE (continued)

### SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM Master of Science in Engineering-Electronic Materials

---

Conferred, Fall 2023

Rae Sun Jang

Candidates, Spring 2024

Theodore W Akiyama

Julia Louise Worden

### Master of Science in Engineering-Integrated Circuits

---

Conferred, Fall 2023

Oliver Goch

Candidates, Spring 2024

William Joseph Henningson

Alejandro Martinez Bueno

Candidate, Summer 2024

Elizabeth Michiko Kimura

### Master of Science in Engineering-Manufacturing and Design

---

Conferred, Fall 2023

John Randolph Dewing

### Master of Science in Engineering-Materials Science

---

Conferred, Fall 2023

Jason Cho

Carrie Nicole Royer

Conferred, Winter 2024

Christopher Jeffrey Garcia

Candidate, Spring 2024

Samuel Evan Caber

Candidate, Summer 2024

Miranda Miao

## SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

### Master of Science in Engineering-Mechanical

---

#### Conferred, Fall 2023

Sutton Patrick Clancy  
Drew Anthony Everett  
David Joseph Kwasman  
Michelle Ky  
James H Lee  
Jason Sanghun Park  
Rubin Sanjay Patel  
Eric Michael Raynor  
Alexandria Victoria Rodriguez  
Robert Dean Scott  
Christian Luis Zavala

#### Conferred, Winter 2024

Andres Gimenez  
Ahra Kim  
Eric Mark Ohler  
Andrew Ryan Thamert  
Seiji Juan Wakabayashi Aponte  
Daniel Edward Witwer  
Ala Zeidan

#### Candidates, Spring 2024

Genevieve Toshiko Aoki  
Dexter Leland Ball  
Kenneth Russell Chapman III  
Jonathan Haoxian Cheng  
Yvonne Pui Man Szeto Cheng  
Gerson Levi Cruz Constanza

#### Kaleb Marshall Duke

Eric Marquis Eisenhauer  
Nathaniel Joseph Hammes  
Patrick Wade Howard  
David Jacobo  
Aine Lynne McNulty  
Herberth Muguruza Picon  
Hien Duong Nguyen  
Jesse Villalobos  
Alexis Keiko Ziegler

#### Candidates, Summer 2024

Jonathan Akiyama  
Heaven-Isaiah Lucero Flores  
Brian Ho

### Master of Science in Engineering-Signal Processing and Communications

---

#### Conferred, Winter 2024

Adrian Alfredo Morales

#### Candidates, Spring 2024

Jack Mitchell Bechert  
Timothy Ky Hong  
Matthew James Simiele

### Master of Science in Engineering-Structural Materials

---

#### Conferred, Winter 2024

Hannah Marie Reilly

# MASTER OF ENGINEERING

## MASTER OF ENGINEERING PROGRAM Master of Engineering

<u>Conferred, Fall 2023</u>		<u>Candidates, Summer 2024</u>
Sudeeksha Agrawal	Yihao Qin	Jinwoo Baik
Ruilin Cai	Binrui Shan	Jessica Castellanos
Xiyang Cai	Jie Shao	Yiyun Chen
Yu-Ruei Chang	Jie Shao	Chieh-Hung Cheng
Annie Chen	Wen Sun	Maya Deshpande
PinHan Chen	Yuning Sun	Jordan Liad Golan
Yong Won Cho	Xinyu Tan	Shiwei Hu
Cecilia Deng	Li Wan	Arda Atahan Ibis
Yuanxuan Fang	Qilin Wang	Zachary Kong
Zikun Gan	Songtao Wang	Benjamin Isaac Lanir
Shiyao Guo	Jo-Hua Wu	Hongkun Li
Wenxuan Han	Ruikang Wu	Chengyu Liang
Kian Guang Hoe	Chang Xie	Yian Lu
Linqiao Jiang	Ke Xu	Ryo James Matsumoto
Jingtong Kang	Zhengpeng Xue	Akshat Ketan Mehta
Tazeem Khan	Shihao Yang	Fengzhou Pan
Syam Sundar Kirubakaran	Yuning Yang	Chris Jongsu Park
Elena Li	Shitao You	Hongyi Qi
Zixian Jessy Li	Wenyue Yu	David Reynoso
Xuanyi Lin	Jiayu Zhang	Reza Sheikhan
Jiamu Liu	Mengyuan Zhang	Russell John Stong IV
Sijie Liu	Wenhao Zhang	Jiyun Su
Wei Long	Yichi Zhang	Louis Frederic S Verbeeck
Ke Lu	Yuege Zhang	Marcell Veszpremi
Melinda Ma	Yimei Zhao	Qian Wang
Shrey Mathur	Yaohai Zhou	Zihao Wang
Haoting Ni	Zhengwei Zhou	Kinnan Archibald Wong
Vamsi Krishna Pamidi	Xuehuan Zhu	Sophia Yang
Joseph Libert Picchi		
	<u>Conferred, Winter 2024</u>	
	Xiaotong Zhao	

# BACHELOR OF SCIENCE

## DEPARTMENT OF BIOENGINEERING

### Bachelor of Science in Bioengineering

#### Conferred, Fall 2023

Aryan Somashekhar Pammar

Jamie Aida Stickelmaier

Julia Zhong \*\*\*

#### Conferred, Winter 2024

Aditi Arvind Kumar \*

Yui Elise Nadalin

Rudy Narayan

Neha Venugopal Pai

Aaron Dohyun Park

Bena Patel \*

Aryak Rekhi

Lara Rulloda

Emika Grace Saito

Shilp Rajiv Shah \*\*

Robin Shi \*

Kelly Yuko Tamura \*

Isabel Thomas \*\*

Madeline Tia Young

#### Candidates, Spring 2024

Giovanna Aguiar Sternberg

Kausthub Reddy Allu

Dalia Hussein M Alsaihati

Jared Michael Aguila Aquino

Oscar Jules Riad Basuyaux

Karina Bender \*\*

Martin Lubomir Bourdev

Sarah Soo Chesley

Hannah Cox

Ysabel Del Fierro

Grayson Feng

Katina Nicole Gabriel

Anna-Marie Guenther

Dominic Joi Gully

George Mario Haddad

Nikolai Costales Haines

Youngsoo Han

Emily Margaret Hart

Megan Yuen Ho

Lauren Elise Huang Hunter \*\*\*

Winnie Kao

Sanjana Vasudevan Kargi

Katerina Katsouleas \*\*\*

Jiho Kim

Yuna Kim

Neha V Kulkarni \*

Zoe Donnan Latham

Jay Dylan Lesny Drake \*\*\*

Emilia Grace Leverick

Emily Tian-Tsui Lin

Isabelle Liu

Maleeha Umair Madinawala

Humza Yan-Wei Malik \*

Farid Ali Manshahi

Samantha Mossuto \*\*

Eric John Lopez Payson

Michael Johnpaul Rebelo

Camille Justine Rodriguez

Rahul Sathish

Brett Jacob Saucedo

Kathryn Lily Saxton \*

Rianna Sebastian

Ninava Arushie Sharma \*

Noosha Afarin Steward

Katherine Anne Stone \*\*

Jacob Andrew Stuart

Erin Renee Taylor

Boyi Wang

Leon Wu

Priscilla Yang

Shea Amelia Zenker

Amanda Zhou

#### Candidates, Summer 2024

Marklin Dallenger

Lina N Kafadarian \*\*\*

Jeeth Sanjay Pawar

\*\*\* *summa cum laude*

\*\* *magna cum laude*

\* *cum laude*

Recognition of latin honors for Spring and Summer 2024 candidates is based on grades through Winter 2024. Official latin honors is subject to final Spring and Summer 2024 grades.

◆ Departmental Scholar – B.S. and M.S. degrees awarded simultaneously



# BACHELOR OF SCIENCE (continued)

## DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING Bachelor of Science in Chemical Engineering

### Conferred, Fall 2023

Phoebe Stringfield Joseph

Dawson Jett Taylor

### Candidates, Spring 2024

Faris Ammar Habib Ebrahim Alhaddad

Joshua Eugene Basile

Cecilia I Brooks

Emily Chang

Vanessa Hengshiuang Cho

Ali Damavandikamali

Navid Kamran Eghbali

Cody Jason England

Svyatoslav Ermolaev \*

Dilara Isabel Flor \*

Kimberly Fogliatti

Bradley Neil France \*\*

Leonna Talia Gaither

Virginia Liliana Garcia

Sahiti Reddy Gavva

Nathan Gee \*\*\*

Alexander Geldmeyer \*

Yug Goradia

Emma Serina Hanson

Vanessa Huaco

Hannah Linda Huie

Elizabeth Jimenez

Diya Kapur

Samed Ilyas Kilic \*\*\*

Melissa Grace Knorr \*

Ananya Kodali \*

Abel Lai

Aaron Lee

Ella Levine \*\*

Fionna King Lim

Angela Liu

Nathan Kevin Liu

Herman Luk

Kaimana Helen Lum

Justin Quan Luong \*

Isabel Ann Macpherson

Kaashvi Mahajan \*

Arjun Malhotra

Mohammed Khalid J Mirza

Utkarsh Mittal

Muhammad Alif Razin Bin Mohammad Sirajjuddin

Reid Ellen Munro \*\*\*

Anh Minh Nguyen

Thu Hien Nguyen

Tracy Loan Nguyen

Chad Nishimura \*\*\*

Sofia Casta Odeste

Finn Olson

Benjamin Ornelas Ruvalcaba

Maiya Tarun Patel

Ada Quinn Patterson

Damian Rivas

Leopoldo Miguel Rivera Orozco

Rida Shaik

Aryan Yashvardhan Sharma

Reynaldi Suryawan

Ryan Cole Tolero

Quang Nhu Truong

Maximus Dominic Vardeleon

Brandon Wang

Jordan Po-Ho Wang \*

Sean Xiao Wei

Lucas Ross Willey

Braden Kailin Wong \*

Tianyue Yu \*

### Candidates, Summer 2024

Kevin Zong Guo

Tiffany Jean

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### Bachelor of Science in Civil Engineering

#### Conferred, Fall 2023

Xuanye Bi  
Jayden D’Juan Coleman  
Abdelaziz El Idrissi \*  
William Naing Aung Khant  
Emily Tayeko Otsuka  
Dominick Hom Lee Rosenthal  
Ethan Nelson Samson

#### Michael Thien-Phu Du \*\*\*

Graham Joseph Earnest  
Christina Espinosa  
Lauren Rae Gallardo  
Benito Garduno  
Ameera Kaur Ghuman  
Lily Glantz  
Hanwen Guo \*

#### Sammi Mckenna Morinini

Nicholas Lee Müller  
Jacob Ryan Mumford  
Rebecca Ilene Nakagawa  
Aaron K J Ng  
Alex Ng  
Chloe Ng  
Kenneth Michael Nguyen

#### Conferred, Winter 2024

Owen Miles Burkhardt \*\*  
Natsumi Sophia Hirano \*  
Minsuk Kim  
Tommy Lin  
Abigail Ann Monson  
Daniel Lee O’Malley  
Winnie Quock  
Alexander Wang  
Christopher Michael Yeosock

Cassidi Harada  
Arash Haroonian \*  
Laurel Ann Hermsmeyer  
Kevin Ho  
Victoria Ignacio  
Abdelaziz Jaber \*  
Kenneth Jeon  
Heath Adrian Kirin  
Brendan Mariano Klim  
Laura Kubiato \*  
Jocelyn Chiu Yi Lau

Joan Mari-Alexa Ortiz  
Marissa Padua  
Rahul Pal \*  
Jun Hong Park  
Tyler John Petersen  
Olivia Elizabeth Pinto  
Austin Tam Porter  
Hanzel Renaldy  
Jonathan Saiki  
Jamie Santosa  
Natalie Lynn Semersky

#### Candidates, Spring 2024

Connor Achziger  
Connor M Angle  
Neil Gallen Mapua Angsanto  
Dana Asgari  
Rose Elise Bendekgey  
Kelly Lokyao Chan  
Tara Mohan Char  
Wendy Chau  
Alejandra Contreras

Ben Le  
Elena Young Le  
Stacey Jiwoo Lee  
Kristine Ta Ly  
Amanda Wan-Yin Mar  
Aaron De Guzman Masikip  
Parsa John Mazloumin  
Catherine Elizabeth McGrath  
Wanda Lee Menk  
Nicholas Messick

Lea Shagiakhmetova  
Gloria Melina Soriano  
Jyrhed Suriba  
Kaeli Tam  
Esther Joy Tarng  
Michele Lin Tsujimoto  
Bryan Yu-Ju Wang  
Tyler James Wick \*\*  
Tyler Scott Wilde  
Ryan Wong

## BACHELOR OF SCIENCE (continued)

### DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

#### Bachelor of Science in Civil Engineering (continued)

Josh Woo \*\*  
Charlotte Victoria Wren \*

#### Candidates, Summer 2024

Omar Darraj  
Amir Jemal Dawud  
Chagit Ester Dayan

Robert Tyler Knight  
Maria Del Carmen Parada Hernandez  
Ronn Benedict Centeno Pullantes  
Cody Jin Yoshida

### DEPARTMENT OF COMPUTER SCIENCE

#### Bachelor of Science in Computer Science

#### Conferred, Fall 2023

Leonard Shaoxiao Chen \*  
Isabelle Anna Choi  
Emmett Larkin Smith Cocke  
Daniel Dai  
Ruben Benjamin De La Torre  
Kaushik Sai Deviredy  
Garni Gharibian  
Randy Gu  
Hiya Gupta  
Paymon Haddad  
Rafi Hartounianmishehparaei  
Jakub C Hojsan  
Aaron Akira Isara  
Karen Jianhua Jin  
Richard Khillah  
Victoria Lam  
Jacob Anthony Lemoff  
Victor Lin \*  
Bowen Liu  
Justin Liu

#### Solomon Lo

Rowan Alexander McKereghan  
Jay Jay Phoemphoolsinchai  
Alexander Pun  
Saayujh Ramanathan  
Ruben Rodriguez  
Rishikesh Dinesh Samant  
Prateek Sachin Sane  
Ishani Sarkar  
Nabeel Ahmad Shaikh  
Radhegovind Sriram  
Mihir Tyagi  
Michael Van Vuuren  
Alexander Michael Velikanov  
David Chen Xiong  
Chang Xu  
Sam Xu  
Eric J Yang \*  
Haobo Yuan \*  
Anthony Zhu \*

#### Conferred, Winter 2024

Kratik Agrawal  
Saim Ahmad  
Gevorg Akopyan  
Aaryaman Milind Bhute  
Chelsea Jean Biala  
Melody Cai  
Liu Cao \*  
Anoushka Chintada  
Cindy Cui  
Laiyin Dai  
James Dingle \*  
Haik Andranik Divanyan  
Hongzhe Du  
Xinran Fang \*  
Benjamin David Goldblatt  
Jake Greenberg-Bell  
James Li Guo \*  
Justin Zhicheng He \*\*\*  
Justin Tyler Hee \*\*  
Keaton Charles Heisterman \*

## DEPARTMENT OF COMPUTER SCIENCE

### Bachelor of Science in Computer Science (continued)

Jason Ryu Inaba *	Twisha Sundararajan	Prateek Anand
Ethan Thomas Jackson *	Aiden Szeto	Desmond Andersen
Lucas Jeong *	Tianjin Tan	Hritik Arya
Yiteng Jiang	Samarth Upadhyaya *	Pavana Dutt Atawale
Kevin Weng Jin	Neil Umesh Vaishampayan ♦***	Pirjot Singh Atwal *
Daniel Chang Kao	Trung Nghia Vong	Einar Balan
Daniel Yoonseo Kim	Sankirth Venkata Vutukuri	Edgar Leo Baudry
Richard Li	Annie Wang	Elias Julian Berner
Yichun Li	May Wang	Charles Bucquet **
Elaine Lin	Ziyuan Wang	Alejandro Bugarin
Nathan Russell Lin *	Molly Elizabeth Wehrenberg	Dwight Edward Bumgarner
Chris Lok	Stephanie Wei **	Seth Douglas Carlson
Saagar Rajendra Mahadev **	Victor Xiaoyu Wen ***	Sebastian Samuel Cevallos
Mariam Ong Masud	Trevor X Wong	Nicole Ahyoung Chang
Sweeney Ngo	Darren Yucheng Wu	Melissa Hung-Hsin Chen
Newsha Niazmandi	Luke Bohua Xie	Minghao Chen
Preetham Pangaluru	Enoch Theophilus Xu	Siyu Chen
Seongbin Park	Jonathan Zhuoyue Xu ***	Evan Cheung
Pranav Pata	Jiahe Yan *	Sumeet Singh Chhina
Krish Anil Patel	Weikeng Yang	Pierce Chong
Dane Keoki Payba	Eric Zhang	Curtis J Chou
Matthew John Ponce de Leon	Tracy Shubin Zhao **	Kyle Renrong Chui
Rafi Joseph Rajoyan	<u>Candidates, Spring 2024</u>	Carson Stewart Cox
Julian Ramos ***	Talha Abadin	Luke Edward Dalton
Victor Augustus Rinaldi	Sari Daniel Abu-Hamad	Erin Marlis Decastongrene
Yash Bijal Shah	Sophia Talla Adrangi **	Advit Deepak *
Mike Shi	Nareh Agazaryan *	Arvin Ding *
Michael Lin Simon	Avii Ahuja **	Quan Luu Do **
Rohan Srivastava **	Salma Salah Alandary	Marisa Gabriella Duran
Nitin Subramanian	Aakarsh Anand	Omar Elamri *

# BACHELOR OF SCIENCE (continued)

## DEPARTMENT OF COMPUTER SCIENCE

### Bachelor of Science in Computer Science (continued)

Alex Fang	Selina Huynh	Samuel Xinyu Li **
Luca Christopher Fernandez *	Edward Hwang ***	Jack Chia Chi Lin
Maria Fernandez	Nikhil Isukapalli	Vincent Edward Lin **
Michael Ryan Finnessey **	Mehul Jain *	Yuki Lin
Eric Yuan Gan ***	Arpit Jalan *	Annie Liu
Shrihaan Gangopadhyay	Richard Jiang	Daniel Liu
Noah Kai Gardner **	Tony Jiang	Leo Liu ***
Arnav Garg	Tomas Kaljevic	Maxwell Songyang Liu
Anieerudh Gokulakrishnan	Daniel Choden Kao	Xiaoyang Liu *
Aditya Gomatam *	Kalyan Karamsetty	Bradford Agassi Lowe
Isabelle Reina Goralsky	Neil Meelad Kardan	Laura Lu
Ivan Jian Guan	Kalon Lucas Kelley	Kevin Luu
Trevor Guo *	Stephen Rui-Zhi Kelman ***	Steph Mach
Ximeng Guo *	Hyun Charlene Kim	Gautam Manav Mahes
Xuanzhe Han	Jennifer Kim	Arjun Manoj
Benson B Har	Warren Kim	Akhil Manthina
Kaylee Nicole Harris	Medha Kini **	Alejandro Marquez Vera
Amy He ***	Kesav Vishnu Kosana	Dina Masri
James Si-Liang He	Drew Griffin Lacob	Josh Anthony McDermott
Joel Francisco Hernandez	Theodore Zi-Yang Lau **	Jed Miguel
Samuel N Hirschhorn	Celebi Puk Yat Law	Rupin Mittal
Zack Brian Hirschhorn	Daniel Lee	Ishaan Mody
Lam Nhat Hoang	Victor Lee	Eric Isaiah Moran
John Hoffman	Austin Everest Leehealey	Adam Murtagh
Sam Hopkins	Dennis Zhaokang Li	Adam Teva Muzzarelli
Niki Hosseinian ♦	Haohai Li	Sumith Nalabolu ***
Rachel Hsiao	Jianing Li	Tanaya Umesh Nawathe **
William Hsieh	Jingheng Li	Justin Philip Nerhood
Mubai Hua	Lucian Li	Clement Phuc Nguyen
Darren Huang	Maggie Li *	Ryan Nguyen

## DEPARTMENT OF COMPUTER SCIENCE

### Bachelor of Science in Computer Science (continued)

Abigail Jordan Okonski	Jishnu Sen *	Nathaniel Webster
Trevor Ong **	Vandita Sethuraman	Edmond Yixiu Wen *
Johnny Enlu Pan	Mohammad Umer Shafi	Aidan Jack Wittenberg
Jai Parera *	Satva Shah ***	Zane Lee Witter
Shravan Parigi	Samuel Tian-Rong Shang	Matthew Workman
Pranav Hitendra Patel	Adit Sharma	Alan Haoning Wu
Jonah Christopher Brading Paten	Hanwen Shen	Botao Xia
Nicholas Stephen Pavlosky ***	Jeffrey Yuan Shen	Bryson Xiao ***
Alexa V Pham	Yu Shen *	Evan Jeremy Xiong **
Kaylyn Khowong Phan	Michael Shi *	Hanchen Xu
Anish Venkat Prakriya	Vinay Shukla ***	Jerry Xu *
Milly Simrun Prashar	Ophir Siman-Tov ***	Maopu Xu
Kyle Zhun Pu ***	Abhigya Avinash Sodani	Tyler Chen Xu
Yuxuan Qi ***	Alex Stavedahl	Michael Kuan Yang *
Weihan Qu	Tyler Jordan Stovsky	Ivan Yau
Helen Quach	Samuel Strong	Alan Ziyang Yu
Samantha Rafter	Anivrit Subramaniam	Jeffrey Yu
Sneha Raghuram	Nikhil Suresh **	Joseph Yu
Tariq Abdul Rahman	Zehua Tan	Katelyn S Yu
Isha Rajput	Brian Martin Taylor	Liwu Yu *
Adithi Ramesh	Derrick Richard Teshiba	Matthew Yu
Arush Bhaskar Ramteke **	Maxwell Tsao *	Darren Zhang ***
Ananta Dilip Ranganathan	Joyce Chensan Tung ***	Dylan Fu Zhang **
Sruthi Rangarajan	Solia Elise Valentine	Joshua Zhang
Jakob Maximilian Reinwald	Alvyn Wang ***	Olivia Zhang *
Jake Nicholas Sager ***	Daniel Wang	Steven Zhang
Johnrey Sicad San Pedro	Henry Wang **	William Chai Zhang
Jacob William David Sandler	Matthew Jun Yi Wang	Ruichen Zheng
Spencer Tru Sang	Mengan Wang	Jacob Andrew Zhi ***
Ethan Shayan Sarnevesht	Ning Wang *	Hanyu Zhou *



## BACHELOR OF SCIENCE (continued)

### DEPARTMENT OF COMPUTER SCIENCE

#### Bachelor of Science in Computer Science (continued)

Ken B Zhou	David Du *	Kevin Sean Li
Xuyang Zhou ***	Manav Samir Gandhi	Gregory Edward Mochman
Alena Zhu	Grant Alexander Gilchrist	Soohyun Mun, Jr.
Andrew Zhu	Maria Fernanda Gill	Giang Pham
<u>Candidates, Summer 2024</u>	Andrea Hayes	Minhao Ren
Rukraj Agrawal	Jonah Juho Kim	Saarthak Sharma **
Ryan Carmack **	Samuel Levy	Jiacheng Wang
Hayden Francisco D'souza	Amy Ziyi Li	Dominick Won

### DEPARTMENT OF COMPUTER SCIENCE

#### Bachelor of Science in Computer Science and Engineering

<u>Conferred, Fall 2023</u>	<u>Candidates, Spring 2024</u>	Derek Chyi Lee ***
Yolanda Shih-Yao Chen	Anishkumar Badri	Nevin Liang **
Charlotte Liliane Meyer	Diya Heather Baliga	Joshua Jiajun Liu
Chirag Adam Singh ***	Remas Salah M Bashanfar	Jeffrey Chifang Ma ♦
Nima Veravit	Ramsey Boyce **	Kyle Alexander Machnicki
Angela Jia-Qi Zhang	Min Suk Choi	Vinh Nguyen
Zhixuan Zhu	Julie Erin Cover	Brian Ni
<u>Conferred, Winter 2024</u>	Philip Minh Do	Matthew Cristobal Nieva
Alexander Owen Chhor	Yuxuan Dong ***	Mitchell R Parker *
Jordan Jonathan Lin	Nathan Masaru Endow	Akash Pulinthanathu
Kevin Yixi Liu	Eva Fiedler **	Justin Kiyoshi Quan
Brian Park	Eric Gabriel Florin	Nikolai Andres Ramalingam
Andy Tang *	Connor Frank	Preston James Rooker
Eric Tang	Claire Huang	Paul Theodor Serafimescu
John Canh-Phong Tran	Beomjoo Kim	James Nathaniel Shiffer
Ethan Truong	Shounak Kuiry	Akrit Shrikant

## DEPARTMENT OF COMPUTER SCIENCE

### Bachelor of Science in Computer Science and Engineering (continued)

Haechan Song	Trung Hoang Vu	Leo Zaydes
Satyen Subramaniam **	Alex James Walburg *	Leon Zhang
Alyssa Justine Tadeo	Sushrut Wate	Maxim Zhulin *
Joshua Andrew Taylor	Brandon J Yan **	<u>Candidate, Summer 2024</u>
Matthew Ryan Teo	Matthew Yang	Modhi Majed M Almarzooqi
Dhaval Nitin Vora	Alan Yao	
	Matthias Qi-Long Yeung	

## JOINT PROGRAM WITH COMPUTER SCIENCE AND ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENTS

### Bachelor of Science in Computer Engineering

<u>Conferred, Fall 2023</u>	Rahul Chander *	Patrick Parsegian
Andres Cruz	Matthew James Fiorella **	Mike Qu ♦
Jillian Naldrien Mupas Pantig	Cameron Fiske	Krish Hemang Shah **
Jaime Tristan Perez	Hersh Gupta	Joonwoo Shin *
<u>Conferred, Winter 2024</u>	Nicholas Tomio Hamakami	Spencer Stice *
Siddhant Gupta *	Derek Hua	Kai Jun Tay *
Timothy Robert Jacques	William Jinglin Huang *	Esha Thota
Bhavik Joshi ***	Dhruv Jain	Yaakov Moshe Weiss
Aadhidhya Ravikumar	Hongchang Kuang *	Emily Yao
Daniel Chen Zhu	Vivek Kumar	Yuanhong Zeng *
<u>Candidates, Spring 2024</u>	Jacob Levinson	Alexander Zhang
Johanna Bai	Zixian Jessy Li *	Jolin Anne Zhang
Nicholas Wayne Brandis *	Ryan Lam Man	<u>Candidates, Summer 2024</u>
Erica Carballo	Krishna Minocha	Maya Aditi Chatrathi
	Katherine Ann Nasif	Jacob Owen Cunningham ***
	Nicholas Nhien	

# BACHELOR OF SCIENCE (continued)

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING Bachelor of Science in Electrical Engineering

Conferred, Fall 2023

James Chen

Austin Jae Young Choi

Ganiru Gloria Ekwewuo

Alejandro Fernandez

Gegham Harutyunyan

Nazanin Iranzamani

Haig Kassajian

Ryan Kosasih

Adrian Lam \*

Becca Nguyen

Peter Manuel Pincencia

Keaton Michael Smith

Engkanchanith Tan

Christopher Long Thi

Brian Troncoso

Daniel Valdez

Rohit Kumar Vig

Conferred, Winter 2024

Yu Chieh Jessica Chang

Andrew Sejin Chon \*

Harry Cortez

Warnakulasuriya Shelard Rayshan Fernando

Liam Christopher Foley

Courtney Anne Gibbons \*\*\*

Bilal Aziz Godil

Adam Minh Duc Ho

Evan Gregory Puentes Kirkham

Christian Eunbin Ko

Austin Liu

David Mejia

Raphael Antonio Navarro

Dominic Kleinschmidt Olson \*\*

Warren Pagsugiron

Nabeel Shahid

Noah Small

Logan Gregory Van Nevel

Sicheng Xing

Ben Yang

Jack Yoon

Mengyu Zhang

Candidates, Spring 2024

Michael Peter Agasyan

Felipe Genova De Andrade \*

Ava Valerie Ankenbrandt

David William Arthurian

Ava Asmani

Julia Bi

Selim Emir Can \*

Vaughn Quyen Chu

Christopher Parker Davis

Emir Arda Deger \*\*

Mark Nicholas Diamond

Haoran Songzi Diao

Shawn Milton Dias

Arnav Doshi \*\*

Sophia Du \*\*\*

Billy Duong ♦

Arman Nawaf Durrani

Vicky L Fann

David Feng

Hayden Yoon Friedman \*\*\*

Roland Sean Gadbois

Alexander Richard Gershman

Spencer James Timothy Golpashin

Ruoyu Guo

Nathan Caleb Habtemariam

Amanda Hacker

Brian Hardell ♦

Jacob Travis Hertzberg

Justin Xiang Hu \*

Chia Yu Huang

Enoch Ian Huang

Syler Huang \*\*

Christopher Jayadi

Heeoh Jin

Isabella Lynne Jordan \*\*

Alexander Taro Jory

Hamza Muhammad Kachroo

Turner Donovan Kaminski

Neil Atul Kane ♦\*\*

Maya Lee Kannan

Taylor Junosuke Kawate \*

Hamzah Shakoor Khan

Elona Nineveh Khoshaba \*

Jenna Miri Kim

Danny Ko

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

### Bachelor of Science in Electrical Engineering (continued)

Yassin Mohamed Kortam	Kyle Cameron Osborn	Ian Christopher Wells
Kamila Isabel Kunes	Ethan Palatics Owen	Arthur Dell Yang **
Grace Kwak	Juan Perez	Justin Yao
Jun Sang Lee	David Levon Petrosian	Nathan Keiji Yee
Brandon Li	Corwin Phung **	Ray Yeh
Calvin Neil Liang	Patrick Khoa Phung	Ivy Zhang *
Jeffrey Jiaxin Lin	Andrew Polonsky	Junyang Zhao
Lawrence Ray Liu	Matthew Risley	David Zheng ♦***
Didier D Lucu	Nicholas Dean Rempis Rohmer **	Kevin Zhu
Haoyu Luo	Luis Emilio Sanchez	Tim Zou ***
Detao Ma **	Sudarshan Seshadri	
Cameron Michael Maiden	Harshin Jayesh Shah	<u>Candidates, Summer 2024</u>
Koray Ethan Menteshoglu *	Evren Remzi Shevket *	Zayyir Ahmed
Yohannes Teshome Mergia	Alexander Linhan Song ***	Benjamin Cruz
Eugene Chimura Min *	Jason Song	Zekiel Dylan Dee
Gabriel Ellis Morozowsky ♦	Jarvis Piansay Tiu	Ryan Lee
Kevin Matthew Moy **	Nicholas Turner **	Qianying Lu
Harry Minh Nguyen	Darren Alexander Vawter	Daniel McGovern
Joe Duy Nguyen	Chris Wang	Shilpa Padiki Rao
Kyle Jeremy Nishimura	Samuel Wang	William Maxwell Yao

## BACHELOR OF SCIENCE (continued)

### DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING Bachelor of Science in Materials Engineering

<u>Conferred, Fall 2023</u>	Thomas Haejin Fisher *	Leonard Taro Schummer
Kai Trevor Brown	Cameron Randall Gray **	Yeo Jin Shim
Dillon West Hudson	Heather Faith Griffiths	Kent D Suhadi
	Anuv Gupta	Enzo Takata Watanabe
<u>Candidates, Spring 2024</u>	Joshua D Huang	Therese Torres
Akilan Arunachalam	Angelique Alicia Jayadinata	Juntao Xue
Anna Joan Boog	Benjamin Joon-Suh Kim	Jacklyn Zhu **
Peter Cao	Samuel Somyung Kim	
Chris Carver Miller	Ryan Leroux *	<u>Candidates, Summer 2024</u>
Justin Morse Dong	Qianyi Lin	Adam Jemal A'omer
Vivek Mandayam Elashoff	Chenwei Liu	Justin Matthew Louie
Esli Gissel Fernandez	Davia Cecile Petkevich	Belinda Wang

### DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING Bachelor of Science in Aerospace Engineering

<u>Conferred, Fall 2023</u>	<u>Candidates, Spring 2024</u>	Matthew Scott Guemmer ♦
Andrew Tien Huynh	David Eduardo Aleman	Connor Patrick Hopkins
Matthew K Lombera	Shrujal Ambati	Darren Huai
Tam Hieu Nguyen	Derwin Louie Maraan Ambojia	Bennett Ji
Ali Mohammad Niazi	Taiga Asanuma ***	Anjali Koganti
Mihir Hardik Shah ***	Lucas Andrew Beyer	Robert Yicheng Lee ***
Karl Straube	Rebecca Anne Charno	Thomas Zhong Heng Leung
	Logan Harley Cheney	Adrian Kevala Loekman *
<u>Conferred, Winter 2024</u>	Joffre Jeremiah de la Paz, III	Brice Kendrick Long
Peter Hani Agban	Mckenna Jin Dixon *	Nathaniel Eugene Lorang
Che Jin Goh	Joshua Eggen	Pablo Mata
Thomas West Maxfield	Ian Gary Gilster	Alex Cory McDermott
Kyle Jacob Millsap, Sr.	Nikita Golovnya ***	Michael Anthony Moussa
Derik Peroomian *		

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Bachelor of Science in Aerospace Engineering (continued)

Miles Jun Ming Murdough	Varun Saketharam *	Howard Quang Nghia Trinh *
Stephen Nazareth	Michael Ryan Luis Sanchez	Van Dat Truong
Katherine Anne Marie Oberlander *	Isaac Shih	Leslie Lindhorn Weisher
Jacklyn Miyoko Oldoerp *	Bae Suk Son ***	Sophie Ye **
Eugene Park	Hunter S Streeter	Madison Xiutao Young
Daniel Joseph Paul	Nikolas Cameron Struntz ♦**	Melanie Juliana Zarate
Jacob Matthew Rajacich	Jeffrey Y Szeto	Giovanni Italo Zarich
Vidal Reynoso, Jr.	Neseem Taleghani	

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Bachelor of Science in Mechanical Engineering

<u>Conferred, Fall 2023</u>	Chanleakhana Thon	<u>Candidates, Spring 2024</u>
Robert John B Aguilar, Jr.	Ella Grace Torres	Manya Agrawal
Alex Mendoza Arellano	Christine Yang	Andrew Nicholas Ahn *
Tristan Alexander Cox *		Beau Omid Akhavain
Zachary Alex Wydzga Figueroa	<u>Conferred, Winter 2024</u>	Qusay Ishaq Zaid Al Maawali
Jing Yao Heng	Cesar Hernandez Reyes	Sharia Alam
Steven Feng Kong	Lena Sarah Kadogawa	Arwa Fahad O Albaltan
Frederick Ananda Krisman	Hyeon Jin Kim	Kai Narvaez Alcayde
Hannah Jessica Lin *	Morgan Marie Kopecky	Mansour Zaki Alyahya
Jake William Massengale	Justin Paul Lo	Anthony Imad Baselious
Phi Huynh Nguyen	Luca Fred Spycher	Atticus Dale Binder
Abbigail Sage Oyer *	Nigel Hastings Winslow Thornton	Karla Edith Bonilla
Evan Mitchell Pearson	Takeo Torrey	Thierry Roger Boutros
Brendan Santos	Mariano Ramon Velez	Jackson Scott Bullard
Srikanth Sridharan *	Marcus Joseph Vidaurri	Onur Calisir
Katusch Strich	Patric Hong-Wang Waworuntu	Luming Cao *
Saurav Thakulla Kshetri	Eduardo Javier Zepeda	Scott Cao ♦***



## BACHELOR OF SCIENCE (continued)

### DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

#### Bachelor of Science in Mechanical Engineering (continued)

Samuel Carmeli	Nathan Hsu	Elle Kathryn McCue ***
Seung Whan Cha	Richard Aidan Hsu	Milad Noah Mesbahi
Ethan Liam Champion	Matthew Tyler Tam Hutchinson	Giorgia Moretti
Jason Chen *	Gazel Kudret Isik	Zoe Moskowitz
Kenneth Chu **	Bradley Kyle Jackson	Jacob Zachary Mucher
Skyler Mazze Coleman **	Emanuel Javier Garcia	Cole Mueller
Kyle William Combest	Robert Jian	Vinay Nagappala
Xavier James Commerford	Aakash Nimish Kadakia	Alan Long Nguyen **
Brian Coveney *	Andrew M Kang **	Kevin Nguyen
Zachary Wright Cowger	Aidan Chang Kelly	Joshua Michael Noll
Nicole Ayne Criscione *	Ho Jae Kim	Sadi Muhammad Noor
Jacob Tiberio Dabrow	Benzion Korol	Isaac John Ochoa
Austin Joshua D'acquistio	Jake Kremer	Joseph Oetzell
Mauricio Kazuki Deguchi ♦**	Katherine Kubiato *	Gabriel Spencer Olin
Damien Isiah Demyers	Andrew Todd Kunkler	Nikhil Charles John Parikh *
Rafael Espinoza	Daniel Siwoo Lee	Younghoo Park
Paul Fayet-Faber **	John Lee	Lein Lein Pasache
Willow Blackard Friet	Justin Seung Chan Lee	Joseph Edward Passarello
Eric Harper Fritz	Colston Leonard	Om Hareesh Patel
Andrew Joseph Gautier *	Edoardo Giuseppe Leone	James Lewis Perez
Alyssa Gee	Shannon Grace Li	Sam Joseph Peterson
Getty John George V	Raeshon Egan Lim	Jeffrey Ryan Purchatzke
Jefferson Jonah Glickstein	Hongchi Liu *	Shubh Raval
Alexander Alberto Gonzalez	Janet Liu *	Angel C Reyes, Jr.
Rohit Vivek Gore	Daniel Kakhoong Ly	Ethan Ro
John Thomas Griffin	Damian Austin Magana	Tyler Rust
Nico Hamlyn **	Samir Jason Mallya *	Faraz Moizuddin Saiyed
Ciaran Hernon	Roni Margousi *	Chadi Saklaway
Logan Thomas Hitzelberger	Stephen Charles Masson	Joseph Leon Salamy
Benny Hsu ***	Connell Aidan McCarley	Malin Sapkota

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Bachelor of Science in Mechanical Engineering (continued)

---

Jacob Sayono	Austin Tran	Luan Xiang Ye
Raya Shafeeq	Phillip Tyler Tran	Chen En Yu
Kyaw Si Thu	John Villalobos Paredes	Jonathan Samuel Yu
Oliver Erno Simpson	Connor Khiem Vo	Yulong Yu
Yat Hei Jeremy So	Jiayi Wang **	Cameron Jose Zamora
Blake S Spahr	Kevin Wang	Jeffrey Jia Hui Zhang
Prasanna Srinivas *	Matthew Enci Wang	Albert Zhou ***
Karen L Su *	Sophie Emma Wells	Zichu Zhou
Dylan M Tahnk-Johnson	Ella Jordan Winett	<u>Candidates, Summer 2024</u>
Jonathan Ryan Tan	Jason Wong	Michelle Boguslavsky
Benjamin Joseph Tang	Luke Oliver Woodhouse ***	Alexi Gill
Jason Ryan Tang	Brian Wu	Patrick Khoury
Jessica Tang	Dennis Xiao	Maximiliano Navarro
Aiden Andrew Taylor	Tian M Xiong	Mohona Sen
Alice Rose Taylor	Alex Yihui Xu	Saja Shatela
Angelina Siwaih Tram	Antonio Vita Yambot	Elias Angel Zuniga
Andrew Luan Dinh Tran **	Andrew Yang	

## AWARDS AND HONORS

### SCHOOLWIDE AWARDS

#### Outstanding Bachelor of Science Degree Recipient

---

**Emir Arda Deger**, Electrical Engineering, Spring 2024

#### The Harry M. Showman Prize Recipients

---

**Xun Zhao**, Doctor of Philosophy, Bioengineering, Spring 2024

**Ava Asmani**, Bachelor of Science, Electrical Engineering, Spring 2024

#### The Russell R. O'Neill Distinguished Service Award Recipient

---

**Ava Asmani**, Bachelor of Science, Electrical Engineering, Spring 2024

#### Chancellor's Service Award

---

**Farid Ali Manshahi**, Bachelor of Science, Bioengineering, Spring 2024

**Andrew Yang**, Bachelor of Science, Mechanical Engineering, Spring 2024

## SCHOOLWIDE AWARDS (continued)

### Engineering Achievement Award for Student Welfare Recipients

---

**Qusay Ishaq Zaid Al Maawali**  
Bachelor of Science, Mechanical Engineering, Spring 2024

**Ava Asmani**  
Bachelor of Science, Electrical Engineering, Spring 2024

**Luming Cao**  
Bachelor of Science, Mechanical Engineering, Spring 2024

**Christophe Charles**  
Bachelor of Science, Electrical Engineering, Fall 2024

**Anoushka Chintada**  
Bachelor of Science, Computer Science, Winter 2024

**Nicole Ayne Criscione**  
Bachelor of Science, Mechanical Engineering, Spring 2024

**Onja Davidson Raoelison,**  
Doctor of Philosophy, Civil Engineering, Spring 2024

**Mauricio Kazuki Deguchi**  
Bachelor of Science, Mechanical Engineering, Spring 2024

**Marisa Gabriella Duran**  
Bachelor of Science, Computer Science, Spring 2024

**Jaelyn Fan**  
Bachelor of Science, Computer Science, Fall 2024

**Dilara Isabel Flor**  
Bachelor of Science, Chemical Engineering, Spring 2024

**Eli Foerst**  
Bachelor of Science, Electrical Engineering, Spring 2025

**Leonna Talia Gaither**  
Bachelor of Science, Chemical Engineering, Spring 2024

**Virginia Liliana Garcia**  
Bachelor of Science, Chemical Engineering, Spring 2024

**Dominic Joi Gully**  
Bachelor of Science, Bioengineering, Spring 2024

**Siddhant Gupta**  
Bachelor of Science, Computer Engineering, Winter 2024

**Cassidi Harada**  
Bachelor of Science, Civil Engineering, Spring 2024

**Roshni Girija Iyer**  
Doctor of Philosophy, Computer Science, Spring 2024

**Sujay Jain**  
Bachelor of Science, Computer Engineering, Spring 2025

**Alexander Johnson**  
Doctor of Philosophy, Electrical and Computer Engineering,  
Winter 2024

**Isabella Lynne Jordan**  
Bachelor of Science, Electrical Engineering, Spring 2024

**Diya Kapur**  
Bachelor of Science, Chemical Engineering, Spring 2024

**Kate Katsouleas**  
Bachelor of Science, Bioengineering, Spring 2024

**Michael Khojastegan**  
Bachelor of Science, Computer Science, Spring 2025

**Anjali Koganti**  
Bachelor of Science, Aerospace Engineering, Spring 2024

**Neha V Kulkarni**  
Bachelor of Science, Bioengineering, Spring 2024

**Kamila Isabel Kunes**  
Bachelor of Science, Electrical Engineering, Spring 2024

**Derek Chyi Lee**  
Bachelor of Science, Computer Science and Engineering,  
Spring 2024

**Jamie Leonard**  
Doctor of Philosophy, Civil Engineering

**Farid Ali Manshaili**  
Bachelor of Science, Bioengineering, Spring 2024

**Utkarsh Mittal**  
Bachelor of Science, Chemical Engineering, Spring 2024

**Bianca Mittu**  
Bachelor of Science, Electrical Engineering, Fall 2024

**Nathan Nguyendinh**  
Bachelor of Science, Computer Engineering, Fall 2024

**Katherine Anne Marie Oberlander**  
Bachelor of Science, Aerospace Engineering, Spring 2024

**Lein Lein Pasache**  
Bachelor of Science, Mechanical Engineering, Spring 2024

**James Lewis Perez**  
Bachelor of Science, Mechanical Engineering, Spring 2024

**Sruthi Rangarajan**  
Bachelor of Science, Computer Science, Spring 2024

**Kathryn Lily Saxton**  
Bachelor of Science, Bioengineering, Spring 2024

**Natalie Lynn Semersky**  
Bachelor of Science, Civil Engineering, Spring 2024

**Rida Shaik**  
Bachelor of Science, Chemical Engineering, Spring 2024

## AWARDS AND HONORS (continued)

### SCHOOLWIDE AWARDS (continued)

#### Engineering Achievement Award for Student Welfare Recipients (continued)

---

**Jason Song**

Bachelor of Science, Electrical Engineering, Spring 2024

**Blake S Spahr**

Bachelor of Science, Mechanical Engineering, Spring 2024

**Kimberly Ann Stahovich**

Master of Science, Bioengineering, Spring 2024

**Karen L Su**

Bachelor of Science, Mechanical Engineering, Spring 2024

**Satyen Subramaniam**

Bachelor of Science, Computer Science and Engineering,  
Spring 2024

**Kelly Tamura**

Bachelor of Science, Bioengineering, Winter 2024

**Matthew Ryan Teo**

Bachelor of Science, Computer Science and Engineering,  
Spring 2024

**Quang Nhu Truong**

Bachelor of Science, Chemical Engineering, Spring 2024

**John Andrew Villalobos Paredes**

Bachelor of Science, Mechanical Engineering, Spring 2024

**Trung Hoang Vu**

Bachelor of Science, Computer Science and Engineering,  
Spring 2024

**Melanie Juliana Zarate**

Bachelor of Science, Aerospace Engineering, Spring 2024

### DEPARTMENT AWARDS

#### Bioengineering Department

---

*Outstanding Doctor of Philosophy Degree Recipient*

**Brian Thomas Orcutt-Jahns**, Spring 2024

*Outstanding Master of Science Degree Recipient*

**Junyi Yin**, Spring 2024

*Outstanding Bachelor of Science Degree Recipient*

**Kate Katsouleas**, Spring 2024

#### Chemical and Biomolecular Engineering Department

---

*Outstanding Doctor of Philosophy Degree Recipient*

**Divya Jayaram Vijayalakshmi Iyer**, Spring 2024

*Outstanding Master of Science Degree Recipient*

**Yash Kadakia**, Spring 2024

*Outstanding Bachelor of Science Degree Recipients*

**Samed Ilyas Kilic**, Spring 2024

**Reid Ellen Munro**, Spring 2024

---

## Civil and Environmental Engineering Department

---

*Outstanding Doctor of Philosophy Degree Recipient*

**Onja Davidson Raelison**, Spring 2024

*Outstanding Master of Science Degree Recipient*

**Patrick Nicholas Hadinata**, Winter 2024

*Outstanding Bachelor of Science Degree Recipient*

**Wendy Chau**, Spring 2024

---

## Computer Science Department

---

*Outstanding Doctor of Philosophy Degree Recipient*

**Atefeh Sohrabizadeh**, Computer Science, Spring 2024

*Outstanding Master of Science Degree Recipient*

**Siddhant Kharbanda**, Computer Science, Summer 2024

*Outstanding Bachelor of Science Degree Recipients*

**Eric Yuan Gan**, Computer Science, Spring 2024

**Derek Chyi Lee**, Computer Science and Engineering, Spring 2024

*Departmental Scholars—Bachelor of Science, Master of Science*

**Niki Hosseinian**, Computer Science, Spring 2024

**Jeffrey Chifang Ma**, Computer Science and Engineering/Computer Science, Spring 2024

**Neil Umesh Vaishampayan**, Computer Science, Winter 2024

---

## Electrical and Computer Engineering Department

---

*Distinguished Ph.D. Dissertation Research Award in Physical & Wave Electronics Degree Recipient*

**Murat Can Sarihan**, Electrical and Computer Engineering, Spring 2024

*Distinguished Ph.D. Dissertation Research Award in Signals & Systems Degree Recipient*

**Alexander Johnson**, Electrical and Computer Engineering, Winter 2024

*Distinguished Ph.D. Dissertation Research Award in Circuits & Embedded Systems*

**Shurui Li**, Electrical and Computer Engineering, Summer 2024

*Distinguished Master's Thesis Research Award in Physical & Wave Electronics Degree Recipient*

**Cody Shengyao Fan**, Electrical and Computer Engineering, Spring 2024

*Distinguished Master's Thesis Research Award in Circuits & Embedded Systems Degree Recipient*

**Xiaoying Yang**, Electrical and Computer Engineering, Fall 2023

*Outstanding Bachelor of Science Degree Recipients*

**Bhavik Joshi**, Computer Engineering, Winter 2024

**Courtney Anne Gibbons**, Electrical Engineering, Winter 2024

*Christina Huang Memorial Prize Degree Recipient*

**Sophia Du**, Electrical Engineering, Spring 2024

*Departmental Scholars—Bachelor of Science, Master of Science*

**Billy Duong**, Electrical Engineering/Electrical and Computer Engineering, Spring 2024

**Brian Hardell**, Electrical Engineering/Electrical and Computer Engineering, Spring 2024

**Neil Atul Kane**, Electrical Engineering/Electrical and Computer Engineering, Spring 2024

**Gabriel Ellis Morozowsky**, Electrical Engineering/Electrical and Computer Engineering, Spring 2024

**Mike Qu**, Computer Engineering/Electrical and Computer Engineering, Spring 2024

**David Zheng**, Electrical Engineering/Electrical and Computer Engineering, Spring 2024

## AWARDS AND HONORS (continued)

### Materials Science and Engineering Department

---

*Outstanding Doctor of Philosophy Degree Recipient*

**Yousif Jafar Sadik Alsaïd**, Materials Science and Engineering, Fall 2023

*Outstanding Master of Science Degree Recipient*

**Hrithik Agrawal**, Materials Science and Engineering, Spring 2024

*Outstanding Bachelor of Science Degree Recipient*

**Jacklyn Zhu**, Materials Science, Spring 2024

### Mechanical and Aerospace Engineering Department

---

*Outstanding Doctor of Philosophy Degree Recipients*

**Isabelle Constance Sanders**, Aerospace Engineering, Fall 2023

**Kai Fukami**, Mechanical Engineering, Winter 2024

*Outstanding Master of Science Degree Recipient*

**Yuchen Li**, Mechanical Engineering, Spring 2024

*Outstanding Bachelor of Science Degree Recipients*

**Katherine Anne Marie Oberlander**, Aerospace Engineering, Spring 2024

**Benny Hsu**, Mechanical Engineering, Spring 2024

*Departmental Scholars—Bachelor of Science, Master of Science*

**Scott Cao**, Mechanical Engineering, Spring 2024

**Mauricio Kazuki Deguchi**, Mechanical Engineering, Spring 2024

**Matthew Scott Guemmer**, Aerospace Engineering, Spring 2024

**Nikolas Cameron Struntz**, Aerospace Engineering, Spring 2024

### Master of Engineering

---

*Outstanding Master of Science in Engineering Degree Recipient*

**Maya Deshpande**, Summer 2024

### Schoolwide Master of Science in Engineering Program

---

*Outstanding Master of Science in Engineering Degree Recipients*

**Syed R Nawshad**, Master of Science in Engineering, Fall 2023

**Ryan Ho-Hin Leung**, Master of Science in Engineering-Electrical, Fall 2023



# **UCLA Samueli**

School of Engineering

**Gene Block**  
*Chancellor*

**Ah-Hyung “Alissa” Park**  
*Ronald and Valerie Sugar Dean*

**Mekonnen Gebremichael**  
*Chair of the Faculty*

**Song Li**  
*Bioengineering  
Department Chair*

**Richard Wesel**  
*Associate Dean  
Academic and Student Affairs*

**Panagiotis Christofides**  
*Chemical and Biomolecular Engineering  
Department Chair*

**Jia-Ming Liu**  
*Associate Dean  
Academic Personnel*

**Ertugrul Taciroglu**  
*Civil and Environmental Engineering  
Department Chair*

**Veronica Santos**  
*Associate Dean  
Equity, Diversity and Inclusion (EDI)  
and Faculty Affairs*

**Todd Millstein**  
*Computer Science  
Department Chair*

**Jenn-Ming Yang**  
*Associate Dean  
International Initiatives and Online Programs*

**CK Ken Yang**  
*Electrical and Computer Engineering  
Department Chair*

**Rob Candler**  
*Associate Dean  
Research and Physical Resources*

**Yu Huang**  
*Materials Science and Engineering  
Department Chair*

**Jeffrey Goldman**  
*Assistant Dean  
Chief Financial Officer*

**Xiaolin Zhong**  
*Mechanical and Aerospace Engineering  
Department Chair*

**Christine Wei-li Lee**  
*Assistant Dean  
Chief Marketing Communications Officer*

**Eleazar Eskin**  
*Computational Medicine  
Department Chair  
(affiliated with the David Geffen School of Medicine at UCLA)*

**Tessa Mazler**  
*Assistant Dean  
External Affairs*

The UCLA Samueli School of Engineering  
acknowledges our presence on the traditional, ancestral and unceded territory of the Gabrielino/Tongva peoples.