

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



59TH COMMENCEMENT
JUNE 17-18, 2023
PAULEY PAVILION



**President
Michael V. Drake**

Congratulations, UCLA Class of 2023!

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



**Chancellor
Gene D. Block**

Members of the Class of 2023, take a deep breath: You made it.

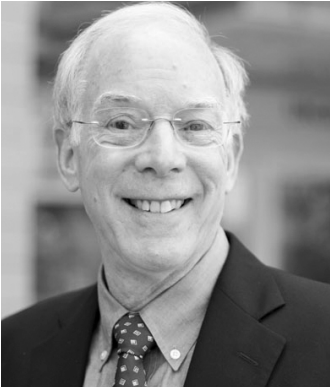
Graduation offers a special moment to reflect on the past — to look back on your years of diligence and hard work. I hope you are proud of all that you have accomplished, and that your time at UCLA has broadened your perspectives, deepened your relationships and strengthened your skills. I encourage you to honor the family members, friends, and mentors who have helped you on this journey.

Graduation also offers 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, compassion, open-mindedness and excellence will serve you well as you enter this next chapter.

As you stand at this crossroads, looking both backwards and forwards, remember that our university and the Bruin community will always be anchors for you. Even though you are graduating, you remain a part of UCLA — now as one of our distinguished alumni.

Congratulations once again. We can’t wait to see all that you will accomplish. As John Wooden once said: “Become the best you are capable of becoming!”

Gene D. Block
Chancellor



**Interim Dean
Bruce S. Dunn**

UCLA Samuelli Class of 2023,

Congratulations, Bruin Engineers!

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

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

Whether you were an undergraduate, graduate or transfer student, you have been a valued member of the UCLA Samuelli community. As you take your seats and prepare to walk across the stage today, take a moment to reflect on those whose love and support have helped sustain you through triumphs and trials in attaining your academic goals. Take pride in your accomplishments 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.

I look forward to witnessing your positive impact on the future as you apply what you have learned to real-world challenges, and create the next frontiers of technological discovery and innovation.

No matter how far you travel or how much time has passed, you will always have a home here in Westwood. Everyone at UCLA Samuelli — faculty, staff, alumni and fellow Bruins — will be supporting your continued growth and success.

We are proud of you and your achievement of this major milestone. Go Bruins!

Bruce S. Dunn
Interim Dean

UNDERGRADUATE PROGRAM

— JUNE 17, 2023 —

Professor Yoram Cohen

Faculty Marshal, Presiding

PROCESSIONAL

THE NATIONAL ANTHEM

Julia Zhong

Bioengineering

Bachelor of Science, Spring 2023

SCHOOL WELCOME

Bruce Dunn

Interim Dean

STUDENT SPEAKER'S MESSAGE

Kelly Espino

Civil and Environmental Engineering

Bachelor of Science, Spring 2023

COMMENCEMENT ADDRESS

Asad Madni

Distinguished Speaker

PRESENTATION AND CONFERRAL OF CANDIDATES BACHELOR OF SCIENCE

CLOSING REMARKS

Bruce Dunn

Interim Dean

RECESSIONAL

DISTINGUISHED SPEAKER



Asad M. Madni
President, Chief Operating Officer and Chief Technology Officer (Ret.)
BEI Technologies Inc.

Asad M. Madni served as President, Chief Operating Officer and Chief Technology

Officer of BEI Technologies Inc. from 1992 to 2006. He led the development and commercialization of intelligent sensors and systems, including the control system for Hubble Space Telescope's Star Selector that enabled Hubble's unprecedented pointing accuracy and stability, resulting in remarkable images that have enhanced our understanding of the universe. He also spearheaded the MEMS GyroChip® technology that revolutionized navigation and stability in aerospace and automotive safety systems, which helped to save millions of lives worldwide.

Prior to joining BEI, Madni was with Systron Donner Corporation for 18 years in various senior positions, eventually serving as Chairman, President and CEO. During his tenure, Madni pioneered RF/microwave systems that significantly enhanced U.S. combat readiness. He is currently an electrical and computer engineering Distinguished Adjunct Professor and Distinguished Scientist at the UCLA Samueli School of Engineering, where he received the Alumnus of the Year and Lifetime Contribution awards.

A double Bruin, Madni received his B.S. and M.S. from UCLA before earning a Ph.D. from California Coast University and an S.E. from MIT Sloan School of Management. He has received more than 100 awards, including the IEEE Medal of Honor — the most prestigious honor in electronics/electrical sciences and engineering, the Royal Academy of Engineering's Prince Philip Medal, the ASME Soichiro Honda Medal, the Ellis Island Medal of Honor, the IET J.J. Thomson Medal and the UCLA Professional Achievement Award.

Madni has been elected to the National Academy of Engineering, National Academy of Inventors, Royal Academy of Engineering and Canadian Academy of Engineering. He has also been awarded six honorary doctoral degrees and six honorary professorships. ■

STUDENT SPEAKER



Kelly Espino
Civil and Environmental Engineering
Bachelor of Science, Spring 2023

Kelly Espino, a proud daughter of immigrant parents from Mexico and the eldest of three, received a B.S. in civil and environmental engineering. She will return to UCLA for an M.S.

in structural engineering this fall with the Graduate Opportunity Fellowship. While an undergraduate, she was an outreach director of the UCLA Center for Excellence in Engineering and Diversity, and served as a two-term president of the Society of Latinx Engineers and Scientists at UCLA.

Espino has been awarded dean's honors, numerous scholarships and held several internships. She aims to help diverse and Latinx communities through national leadership roles with the Society of Hispanic Professional Engineers. She aspires to become a certified engineer and design structurally safe buildings. ■

NATIONAL ANTHEM PERFORMER



Julia Zhong
Bioengineering
Bachelor of Science, Spring 2023

Julia Zhong pursued a B.S. in bioengineering with a minor in data science engineering. In recognition of her academic achievements, she was elected as a member of the CA Epsilon

chapter of the Tau Beta Pi Engineering Honor Society. Zhong played an active role in the Biomedical Engineering Society, serving as the mentorship chair and technical project manager, fostering collaboration and guiding fellow students toward success.

As a member of professor Gerard Wong's lab, Zhong was actively engaged in cutting-edge microbiology research. She was also a proud member of Cadenza A Cappella, an all-female and nonbinary undergraduate student group at UCLA, where she shared her love for music and performing with friends. Zhong's future plans include an internship in informatics at a pharmaceutical start-up. ■

GRADUATE PROGRAM

— JUNE 18, 2023 —

Professor Yoram Cohen

Faculty Marshal, Presiding

PROCESSIONAL

THE NATIONAL ANTHEM

Swapnil Sayan Saha

Electrical and Computer Engineering

Doctor of Philosophy, Spring 2023

SCHOOL WELCOME

Bruce Dunn

Interim Dean

STUDENT SPEAKER'S MESSAGE

Myles Johnson

Electrical and Computer Engineering

Master of Science, Winter 2023

PRESENTATION AND CONFERRAL OF THE HOODS

DOCTOR OF PHILOSOPHY

COMMENCEMENT ADDRESS

Asad Madni

Distinguished Speaker

PRESENTATION AND CONFERRAL OF CANDIDATES

MASTER OF SCIENCE

MASTER OF ENGINEERING

CLOSING REMARKS

Bruce Dunn

Interim Dean

RECESSIONAL

DISTINGUISHED SPEAKER



Asad M. Madni
*President, Chief Operating
Officer and Chief Technology
Officer (Ret.)*
BEI Technologies Inc.

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President, Chief Operating
Officer and Chief Technology

Officer of BEI Technologies Inc. from 1992 to 2006. He led the development and commercialization of intelligent sensors and systems, including the control system for Hubble Space Telescope's Star Selector that enabled Hubble's unprecedented pointing accuracy and stability, resulting in remarkable images that have enhanced our understanding of the universe. He also spearheaded the MEMS GyroChip® technology that revolutionized navigation and stability in aerospace and automotive safety systems, which helped to save millions of lives worldwide.

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Madni has been elected to the National Academy of Engineering, National Academy of Inventors, Royal Academy of Engineering and Canadian Academy of Engineering. He has also been awarded six honorary doctoral degrees and six honorary professorships. ■

STUDENT SPEAKER



Myles Johnson
*Electrical and Computer Engineering
Master of Science, Winter 2023*

Myles Johnson has been a systems firmware developer at IBM since March, following an internship that started May last year at the company. He graduated with an M.S. in electrical

and computer engineering from UCLA, with a focus on embedded systems and circuits. He also has a B.S. in the same field from Rutgers University.

Besides engineering, Johnson has a passion for basketball and played for both UCLA and Rutgers men's intercollegiate teams. As UCLA men's basketball center, Johnson was nominated to the Pac-12 All-Defensive Team and received the NABC Honors Court award. He is committed to promoting diversity in science, technology, engineering and mathematics through the non-profit organization BLKdev he founded in 2020. ■

NATIONAL ANTHEM PERFORMER



Swapnil Sayan Saha
*Electrical and Computer Engineering
Doctor of Philosophy, Spring 2023*

Swapnil Sayan Saha received his Ph.D. in electrical and computer engineering from UCLA. He also holds an M.S. from UCLA and a B.S. from the University of Dhaka, Bangladesh. Advised by

professor Mani Srivastava, Saha's research explores physics-aware tiny machine learning. He has authored more than 25 peer-reviewed articles and won more than 30 technical awards.

At UCLA, he was an officer with the Graduate Students Association, the Engineering Graduate Students Association and the Electrical and Computer Engineering Graduate and Postdoctoral Society. He will soon join STMicroelectronics N.V. as an algorithm development engineer. Saha has been playing the guitar for more than 15 years and his progressive pop rock band Blndr will debut its album this month. ■

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 to 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 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.

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 Innovation Laboratory, a makerspace for hands-on learning.

UCLA Samueli is consistently ranked in the top 10 among U.S. public engineering schools and its online master's program is currently ranked the No. 1 program in the nation by U.S. News & World Report.

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CANDIDATES



DOCTOR OF PHILOSOPHY

DEPARTMENT OF BIOENGINEERING

Doctor of Philosophy in Bioengineering

Conferred, Fall 2022

Amy Lauren Cummings

Integrating Multimodal Data for Personalized Models of Cancer

ADVISOR: Alex A T Bui

Hiroimi Miwa

Optimization of Particle-Based Hydrogel Biophysical and Biochemical Properties for Biomedical Applications

ADVISOR: Dino Di Carlo

Peyton John Tebon

High-Throughput Tumor Organoid Models for Functional Precision Medicine

ADVISORS: Alice Soragni and Michael Teitell, M.D.

Jorge Tordera Mora

Developing the Next-Generation Biomedical Optical Systems: Higher Sensitivity, Deeper in Tissue, and Faster Dynamics

ADVISOR: Liang Gao

Andy Vuong

Quantifying the Relationships Among Selective Motor Control, Brain Imaging, Biomechanics and Physical Therapy in Children with Spastic Bilateral Cerebral Palsy

ADVISOR: Eileen Fowler

Conferred, Winter 2023

Marc Creixell Santa Olalla

Dissecting AXL-Mediated Resistance to EGFR-Targeted Therapies in Lung Cancer

ADVISOR: Aaron Meyer

Simon Han

A Multi-part Optimization Framework for POMDPs in Lung Cancer Screening

ADVISORS: Alex AT Bui and Denise R Aberle

Martin Carl Hartel

Wearable Sensors for Personalized Biomedical Monitoring: From Physiological Signals to Metabolites and Hormones

ADVISORS: Paul Weiss and Anne Andrews

Jennifer Sara Polson

Leveraging Clinical Imaging and Machine Learning Algorithms to Characterize Acute Ischemic Stroke Patients for Treatment Decision-Making

ADVISOR: Corey Arnold

Candidates, Spring 2023

Binru Chen

Microfluidics System for Cell Reprogramming

ADVISOR: Song Li

Jaime de Anda Barbosa

From Collective Motility of Bacteria to the Machine Learning Guided Identification of Novel Immunomodulatory Peptides

ADVISOR: Gerard C.L. Wong

Mohammadi Farnaz

Mathematical Tools for Dissecting the Heterogeneity in and Cell Cycle Contributions of Cancer Therapy

ADVISOR: Aaron Meyer

Felis (Doyeon) Koo

Analysis of Single-Cell Secretion Using Nanovial Technology for Improved Discovery and Therapeutic Potential in Cell Therapies

ADVISOR: Dino Di Carlo

Yannan Lin

Characterizing Patient Adherence to Lung Cancer Screening Guidelines

ADVISORS: Denise R Aberle and William Hsu

Chau Ly

Thesis Dissertation Title Not Available

ADVISOR: Amy Rowat

Yayao Ma

Computational Fluorescence Lifetime Imaging Microscopy for Biomedical Science

ADVISOR: Liang Gao

Sabrina Leah Levy Maoz

Memory and Spatial Representations in the Human Medial Temporal Lobe Using Intracranial Electrophysiology in Virtual Reality and During Real-World Ambulation

ADVISORS: Wentai Liu and Nanthia Suthana

Hossein Montazerian

Polycatechol-Functionalized Gelatin Bioadhesives for Sutureless Wound Closure

ADVISORS: Paul S. Weiss and Nasim Annabi

Mehrdad Roustaei

Mechano-Genomic Analysis to Identify Flow-Mediate Vascular Transducer: A Multi-Scale Approach

ADVISOR: Tzung Hsiai

Vishwesh Nilesh Shah

Democratizing Droplet Based Assays for Protein Measurement

ADVISOR: Dino Di Carlo

DEPARTMENT OF BIOENGINEERING

Doctor of Philosophy in Bioengineering (continued)

Haoyue Zhang

*Improving Acute Ischemic Stroke Diagnosis Using
Medical Imaging and Deep Learning Methods*

ADVISOR: Corey Arnold

Zhaohuan Zhang

*Quantitative Prostate Diffusion MRI and Multi-Dimensional
Diffusion-Relaxation Correlation MRI for
Characterization of Prostate Cancer*

ADVISOR: Hoden Wu

Candidates, Summer 2023

Isaura Maia Frost

Cell Squeeze Devices for Intracellular Delivery

ADVISORS: Paul S. Weiss and Steven J. Jonas

Melina Mastrodimos

*Cellulose Biomaterial for Skeletal Muscle Tissue Engineering and
Surgical Mesh Development*

ADVISOR: Paul S. Weiss

Shreya Vikram Udani

*Engineered Hydrogel Microparticles for
Single-Cell Multiomics and Morphology Analysis*

ADVISOR: Dino Di Carlo

Xuexiang Zhang

Tuning the Local Immunity via Microneedle Patches

ADVISOR: Song Li

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Doctor of Philosophy in Chemical Engineering

Conferred, Fall 2022

Alexis Kyle Fortini

Ion Transport in Lithium-ion Batteries with Heterogeneous El

ADVISOR: Yunfeng Lu

John Edward Lowd

*Synthesis and Enhancement of Process Intensification Networks for
Hydrogen Production*

ADVISOR: Vasilios I Manousiouthakis

Conferred, Winter 2023

Kelly J Nocon

*Engineering Analysis of Uncertain, Lumped Parameter, and
Distributed Parameter Systems With Applications to the
Sustainability Over Sets Mathematical Framework*

ADVISOR: Vasilios I Manousiouthakis

Vaidish Sumaria

*Modeling Transition Metal Surface Reconstruction in
CO Gas Environment*

ADVISOR: Philippe Sautet

Candidates, Spring 2023

Fahim Abdullah

*Sparse Identification-Based Modeling and Predictive Control of
Nonlinear Processes*

ADVISOR: Panagiotis D. Christofides

Steven Juan Bustillos

*Implementation of Ion Exchange Processes on Industrial Waste
Streams for CO₂ Mineralization*

ADVISOR: Dante Simonetti

Yan Cao

*Development and Microfabrication of the Next Generation Biosensors
for Nucleic Acids and Neurotransmitters*

ADVISOR: Harold G. Monbouquette

Joshua Russell Misa

*Engineering a Yeast-Based Platform for Production of
Novel Monoterpene Indole Alkaloid Analogs*

ADVISOR: Yi Tang

Ikechukwu Chukwuemeka Okorafor

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

ADVISOR: Yi Tang

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Doctor of Philosophy in Chemical Engineering (continued)

Kangze Shen

Electrochemical Conversion of Greenhouse Gas Towards Value-Added Products

ADVISOR: Carlos G. Morales-Guio

Ibubeleye Somiari

Synthesis of Intensified Processes for the Production of Valuable Chemicals

ADVISOR: Vasilios I. Manousiouthakis

Sungil Yun

First-Principles and Multiscale Modeling for Design and Operation of Atomic Layer Processing

ADVISOR: Panagiotis D. Christofides

Candidates, Summer 2023

Roxanne Castillo

Overcoming the Biological Barriers of Nanomedicine

ADVISORS: Yunfeng Lu and Jeffrey I. Zink

Joon Baek Jang

Decoupling Mass Transport Effects and Revealing Electrochemical CO₂ Reduction Mechanism on Copper: From Designing Reactor to Developing Reaction-Transport Kinetics Model

ADVISOR: Carlos G. Morales-Guio

Junwei Luo

Machine Learning Modeling for Process Control and Electrochemical Reactor Operation

ADVISOR: Panagiotis D. Christofides

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Doctor of Philosophy in Civil Engineering

Conferred, Fall 2022

Edward Tristan Buckreis

Customization of Path and Site Response Components of Global Ground Motion Models for Application in Sacramento-San Joaquin Delta Region of California

ADVISORS: Jonathan P. Stewart and Scott Brandenburg

Pia Maria Ramos

Tuning Interactions Between Contaminants and Surfaces: Applications Ranging from Biological Treatment to Biofouling Prevention

ADVISOR: Shaily Mahendra

Matias Rojas Leon

Framework to Define Performance Requirements for Structural Component Models and Application to Reinforced Concrete Wall Shear Strength

ADVISOR: John Wallace

Aidin Tamhidi

Earthquake Resilient Smart Cities: A Framework for Collection and Utilization of Highly Granular Field Data for Seismic Performance Characterization of Soft-Story Buildings

ADVISOR: Yousef Bozorgnia

Conferred, Winter 2023

Yiwen Fang

Examination of the Space-Time Variability and Uncertainty of Snow Water Storage over the Western U.S. and Andes

ADVISOR: Steve Margulis

Morolake Omolara Omoya

Bayesian Methods for Modeling Post-Earthquake Damage and Recovery of Infrastructure

ADVISOR: Henry Burton

Zhenpeng Xu

Additive Manufacturing Processes for Structural and Hybrid Architected Materials

ADVISORS: Mathieu Bauchy and Xiaoyu Zheng

Qi Zhou

Decoding the Genome of Disordered Materials

ADVISOR: Mathieu Bauchy

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Doctor of Philosophy in Civil Engineering (continued)

Candidates, Spring 2023

Ileana Aracely Callejas

*Emerging Techniques in Coastal Water Quality in the US and Belize:
Remote Sensing and Metagenomics*

ADVISOR: Jennifer Jay

Marisol Alejandria Cira

*Sources, Fate, and Transport of Fecal Indicator and
Antibiotic Resistant Bacteria in Coastal Environments*

ADVISOR: Jennifer Jay

Marie-Pierre Chloe Delisle

*A High-Resolution Numerical Investigation of
Beach Groundwater and Swash Interactions*

ADVISOR: Timu Gallien

Yiming Liu

*Exploiting Interfacial Energy Transfer for Sustainable
Brine Management*

ADVISOR: David Jassby

Shuochuan Meng

*Development of a Regional Wind Risk Assessment Framework for
Wood-Frame Single-Family Residential Building Stock*

ADVISOR: Ertugrul Taciroglu

Candidates, Summer 2023

Yufeng Dong

*Vehicle-Bridge Interaction Element Scheme and
Domain Reduction Method Implementations in ABAQUS for
Analyses of High-Speed Railway Structures Under Moving Loads*

ADVISOR: Ertugrul Taciroglu

Joseph Thomas-Daniel Lucey-Renteria

*Characterizing Compound Coastal Flood Risks in
Urbanized Communities: A Multivariate Approach*

ADVISOR: Timu Gallien

Jacob Rubin Schaperow

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

ADVISOR: Steve Margulis

Maria Alexandra Winters

*Quantitatively Characterizing Artificial Dune Impacts on
Backshore Vulnerability in Wave and Tidally Dominated
Coastal Environments*

ADVISOR: Timu Gallien

DEPARTMENT OF COMPUTER SCIENCE

Doctor of Philosophy in Computer Science

Conferred, Fall 2022

Licheng Guo

*Co-Optimizing High-Level Synthesis and Physical Design for
Rapid Timing Closure of Large-Scale FPGA Designs*

ADVISOR: Jason Cong

Junheng Hao

*Incorporating Ontological Information in Knowledge Graph Learning
and Empowered Interdisciplinary Applications*

ADVISORS: Wei Wang and Yizhou Sun

Baoxiang Jia

*Incorporating World Model Knowledge into Event Parsing,
Prediction, and Reasoning*

ADVISOR: Song-Chun Zhu

Alan Ulfers Litteneker

*Towards Intelligent Computational Tools for
Virtual Cinematography*

ADVISOR: Demetri Terzopoulos

Jonathan Craig Mitchell

*Adversarial Attacks and Defense Using
Energy-Based Image Models*

ADVISOR: Song-Chun Zhu

Aishwarya Sivaraman

Ensuring Correctness of Modern Software Systems by Example

ADVISOR: Todd Millstein

Kodi Nicole Taraszka

*Understanding the Genetic Architecture of Complex Traits
Through Meta-Analysis*

ADVISOR: Eleazar Eskin

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF COMPUTER SCIENCE

Doctor of Philosophy in Computer Science (continued)

Xiao Zeng

Bio-Inspired Simulation With Learning-Based Automatic Motion Control
ADVISOR: Demetri Terzopoulos

Conferred, Winter 2023

Zhaoxing Bu

Hybrid Heuristic Algorithms for Single-Agent Planning and Search With Limited Memory
ADVISOR: Richard Korf

Tyler Austin Davis

Analytical Methods for Diagnosis and Prediction of Health Conditions
ADVISOR: Majid Sarrafzadeh

Ruth Dolly Johnson

Leveraging Genetic and Electronic Health Record Data to Understand Complex Traits and Rare Diseases
ADVISOR: Sriram Sankararaman

Stephanie Tsuei

Uncertainty Calibration for Robotic Navigation and Vision
ADVISOR: Stefano Soatto

Zeyu Zhang

Understanding Geometry and Topology Fluent for Robot Planning in Daily Scenes
ADVISOR: Song-Chun Zhu

Candidates, Spring 2023

Yunqi Guo

Enhancing Accessible Communication: Assistive AR System in Bridging the Deaf and Hearing Divide
ADVISOR: Songwu Lu

Ziniu Hu

Make Knowledge Computable: Towards Differentiable Neural-Symbolic AI
ADVISOR: Yizhou Sun

Kuan-Hao Huang

Building Reliable and Robust NLP Models: Enhancing Understanding of Semantically Equivalent Texts
ADVISOR: Kai-Wei Chang

Kimmo Mikael Karkkainen

Machine Learning Methods for Personalized Healthcare
ADVISOR: Majid Sarrafzadeh

Xiaojian Ma

A Unified Framework with Benchmarks for Human-Like Visual and Relational Reasoning in the Real World
ADVISOR: Song-Chun Zhu

Alan Scott Tang

Exploiting Modularity to Scale Verification of Network Router Configurations
ADVISORS: Todd Millstein and George Varghese

Alexandre Michel Tiard

Thesis Dissertation Title Not Available
ADVISOR: Stefano Soatto

Akshay Anand Utture

Adapting Static Analysis Tools to Meet User Expectations
ADVISOR: Jens Palsberg

Jian Weng

Developing, Synthesizing, and Automating Decoupled-Spatial Architectures
ADVISOR: Tony Nowatzki

Wenhao Zhang

Towards Fair and Interpretable AI Healthcare Predictive Models: From Wearable Sensors to Causal Graphs
ADVISOR: Ramin Ramezani

Jinghao Zhao

Enhancing System Resiliency for 5G and 5G IoT: A Plug-and-Play, SIM/eSIM-Based Approach
ADVISOR: Songwu Lu

Dongruo Zhou

Efficient Reinforcement Learning Through Uncertainties
ADVISOR: Quanquan Gu

Candidates, Summer 2023

Eli Aaron Jaffe

Prio+: Private Aggregate Statistics via Boolean Shares
ADVISOR: Rafail Ostrovsky

Nadav Rakocz

Computational Methods to Inform Healthcare Decisions at Individual and Population Levels
ADVISOR: Sriram Sankararaman

Chi Zhang

Analysis of Non-IID Data Through a Causal Lens
ADVISOR: Judea Pearl

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical Engineering

Conferred, Winter 2023

Dustin Connor Brown

*Characterization, Simulation, and Measurement of the Far Field Error
Vector Magnitude of Millimeter-Wave Antennas and
Phased Arrays Using Compact and Planar Near Field Ranges*

ADVISOR: Yahya Rahmat-Samii

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical and Computer Engineering

Conferred, Fall 2022

Veljko Boljanovic

*Millimeter-Wave Channel Estimation with True-Time-Delay Arrays and
Its Use for Network Performance Optimization*

ADVISOR: Danijela Cabric

Melikasadat Emami

Asymptotics of Learning in Neural Networks

ADVISOR: Alyson Fletcher

Jaime Gonzalo Flor Flores

*Resolving atto-Newton Forces and Femtometer Motional
Displacement in Chip-Scale Cavity Optomechanics*

ADVISOR: Chee Wei Wong

Mostafa Hosseini

*Integrated Terahertz Transceivers in Silicon for Point-to-Point
Wireless Communication*

ADVISOR: Aydin Babakhani

Xurong Li

Terahertz Focal-Plane Array for Terahertz Time-Domain Imaging

ADVISOR: Mona Jarrahi

Tairan Liu

*Deep Learning in Optical Microscopy, Holographic Imaging
and Sensing*

ADVISOR: Aydogan Ozcan

Deniz Mengü

Diffraction Optical Networks

ADVISOR: Aydogan Ozcan

Benjamin Arnell Pound

*Miniature Magnetic Devices for Compact Particle
Accelerator Applications*

ADVISOR: Rob Candler

Mojtaba Sahraee Ardakan

Estimation and Inference in High-Dimensional Models

ADVISOR: Alyson Fletcher

Yu-Tao Yang

*Niobium-Based Superconducting Silicon Interconnect Fabric for
Future Cryogenic Applications*

ADVISOR: Sabramanian Iyer

Tingyi Zhou

Computing with Femtosecond Laser Pulses

ADVISOR: Bahram Jalali

Conferred, Winter 2023

Yunhao Ba

On Hybrid Methods that Blend Computer Vision and Physics

ADVISOR: Achuta Kadambi

Sida Li

*Integrated Circuits for Cardiac Pacemakers and
Spaceborne Instruments*

ADVISOR: Dejan Markovic

Siyuan Liu

*Millimeter Scale Magnetic Field Manipulation in MRI RF Coil and
Magnetic Shielding Applications*

ADVISOR: Rob Candler

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical and Computer Engineering (continued)

Sepideh Nouri

An Embedded Nonvolatile SRAM in Logic CMOS Process

ADVISOR: Subramanian Iyer

Wojciech Piotr Romaszkan

Efficient Machine Learning Acceleration at the Edge

ADVISOR: Puneet Gupta

Akash Deep Singh

Deep Scene Understanding Using RF and its Fusion with

Other Modalities

ADVISOR: Mani Srivastava

Candidates, Spring 2023

Kenny Jieyou Chen

Fast and Adaptive Geometric Robot Perception

ADVISORS: Brett Lopez and Jonathan Kao

Chunru Fan

Multi-Functional Photodetector Based on Graphene

ADVISOR: Jia-Ming Liu

Mahdi Forghani

A Low-Power 112-Gb/s PAM4 Wireline Transmitter

ADVISOR: Behzad Razavi

Pawan Kumar Khanna

A Low-Power 28-GHz Beamforming Receiver with

On-Chip LO Synthesis

ADVISOR: Behzad Razavi

Michael Jonathan Kleinman

On the Structure and Learning of Perceptual Representations in

Deep Neural Networks

ADVISOR: Jonathan Kao

Yen-Ju Lin

Label-Free Optical Mapping for Large-Area

Biomechanical Dynamics of Multicellular Systems

ADVISORS: Pei-Yu Chiou and Rob Candler

Essalat Mahmoud

Time-Series Classification: An Application to

Toothbrushing Behavior Monitoring Using Motion Sensors

ADVISOR: Gregory Pottie

Omead Pooladzandi

Fast Training of Generalizable Deep Neural Networks

ADVISOR: Gregory Pottie

Swapnil Sayan Saha

Physics-Aware Tiny Machine Learning

ADVISOR: Mani Srivastava

Yue Shen

THz Time-Domain Characterization of Amplifying

Quantum-Cascade Metasurface

ADVISOR: Benjamin Williams

Linfang Wang

Low-Complexity Decoding of Low-Density Parity

Check Code Through Optimal Quantization and

Machine Learning and Optimal Modulation and Coding for

Short Block-Length Transmission

ADVISOR: Richard Wesel

Tianyi Wang

Data-Efficient Deep Learning of Dynamical Systems

ADVISOR: Vwani Roychowdhury

Candidates, Summer 2023

Antonious M Girgis

Communication-Efficient and Private Distributed Learning

ADVISOR: Suhas Diggavi

Junbo Wang

Beam Steerable Antennas for CubeSats: Novel Synthesis

Methods and Implementations of Reflectarrays and Transmitarrays

ADVISOR: Yahya Rahmat-Samii

Wenhao Yu

An Online Hardware Scheduler for Real Time

Reconfigurable Architecture

ADVISOR: Dejan Markovic

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Doctor of Philosophy in Materials Science and Engineering

Conferred, Fall 2022

Jin Cai

Investigations of Copper-Based Catalysts for Electrochemical Carbon Dioxide Reduction
ADVISOR: Yu Huang

Aditya Deshpande

Synthesis and Customization of Transition Metal Dichalcogenides
ADVISORS: Suneel Kodambaka and Mark Goorsky

Michael Evan Liao

Heterogeneous Integration of Wafer Bonded Wide Bandgap Semiconductors
ADVISOR: Mark Goorsky

Haotian Liu

Unveiling the Structure-Performance Relationship of the Cathode and Anode Catalyst in Electrochemical Water-Splitting

Zeyan Liu

Durable Pt-Based Catalysts for Oxygen Reduction Reaction in Fuel Cell
ADVISOR: Yu Huang

Zirui Liu

Towards Minimally Invasive Cancer Detections Through Label-Free Surface Enhanced Raman Spectroscopy of Individual Small Extracellular Vesicles
ADVISOR: Ya-Hong Xie

Chiao-Yueh Lo

Design and Application of Functional Hydrophilic Polymers in Engineering and Biomedical Drug Delivery
ADVISORS: Bruce S. Dunn and Jeffrey I. Zink

Yusen Zhao

Self-Sustainable Autonomous Soft Robots: from Actuators to Sensors and Energy Storage
ADVISOR: Ximin He

Conferred, Winter 2023

Edgar Olivera

Optimizing Porous Materials for Electrochemical Applications
ADVISOR: Sarah Tolbert

Roshan Joseph Plamthottam

Novel Dielectric Elastomer Actuator Configurations and Devices for Soft Robotic and Wearable Applications
ADVISOR: Qibing Pei

Dong Wu

Additive Manufacturing of Functional Materials Based on Digital Light Processing
ADVISOR: Ximin He

Dong Xu

Applications of van der Waals Thin Film
ADVISOR: Yu Huang

Candidates, Spring 2023

Yousif Alsaid

Smart Polymers Towards Next-Generation Water-Energy Nexus Technologies
ADVISOR: Ximin He

Rajashree Bhattacharya

Microwave Power Limiters Exploiting the Insulator to Metal Transition of Lanthanum Cobalt Oxide
ADVISOR: Dwight Streit

Hyunpil Boo

Design and Optimization of Metasurface-Based Diffractive Waveguide Systems for Augmented Reality Applications with Enhanced Optical Resolution
ADVISOR: Chee Wei Wong

Lixian Huang

Physics-Based Kinetic Monte Carlo Model for Resistive Random Access Memory Reliability Assessment and Optimization
ADVISOR: Ali Mosleh

Xin Huang

Controlling Thermal Emission: Fundamental Mechanism and Applications to Water and Energy Technologies
ADVISOR: Aaswath Raman

Patricia Elena McNeil

Transport Properties and Performance in Amorphous Silica and Amorphous Metal Oxide Materials
ADVISOR: Bruce Dunn

Hanxiang Wu

Wearable Electronics for Human-Machine Interfaces Enabled by New Functional Materials
ADVISOR: Qibing Pei

Yixuan Xu

Exploring the Crossover of Attractive Gelation and Repulsive Jamming in Dense Soft Materials
ADVISORS: Thomas G. Mason and Bruce S. Dunn

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Doctor of Philosophy in Materials Science and Engineering (continued)

Candidates, Summer 2023

John Brewer

Engineering of Long Wave Infrared Nanophotonics

ADVISOR: Aaswath Raman

Xuanbing Cheng

Development Methodologies of Wearable Biosensors for Personalized Health Monitoring

ADVISOR: Sam Emaminejad

Maggie Taylor Fox

Design and Fabrication of Non-Planar and Solid State Batteries

ADVISOR: Bruce Dunn

Sicong He

Defects Influence Plasticity in BCC High Entropy Alloys

ADVISOR: Jaime Marian

Brea Elizabeth Hogan

Synthesis and Optimization of Praseodymium Telluride System Through Alloys and Composites

ADVISOR: Bruce Dunn

Theresa Mae Stewart

Physics-Based Probabilistic Failure Modeling of Non-Metallic Pipelines in Oil and Gas Applications

ADVISOR: Ali Mosleh

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Doctor of Philosophy in Aerospace Engineering

Conferred, Fall 2022

Simon He

Receptivity of Straight Blunt Cones to Broadband Freestream Pulse Disturbances for Transition Prediction in Hypersonic Flow

ADVISOR: Xiaolin Zhong

Christopher Jelloian

Non-Equilibrium in the Mars Entry Shock Layer Characterized via Laser Absorption Spectroscopy

ADVISOR: Raymond M Spearrin

Luca Valdarno

Heat Transfer in the Porous Structure of an Additively Manufactured Evaporator for a Two-Phase Mechanically Pumped Loop for

Space Applications

ADVISOR: Vijay K. Dhir

Peter Lloyd Wright

Porous Electrospray Fluid Mechanics

ADVISOR: Richard E Wirz

Huan Wu

First-Principles Theoretical Investigation on Phonon Transport in Materials with Extreme Conductivity

ADVISOR: Yongjie Hu

Candidates, Summer 2023

Jean Helder Marques Ribeiro

Direct Numerical Simulations, Resolvent Analysis, and Flow Control of Laminar Post-Stall Wakes Around

Finite Tapered Swept Wings

ADVISOR: Kunihiko Taira

Ho-ting Tung

Thesis Dissertation Title Not Available

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Doctor of Philosophy in Mechanical Engineering

Conferred, Fall 2022

Mostafa Mohamed Osama Abuseada

Solar-Thermal Production of Hydrogen and Graphitic Carbon via Methane Decomposition
ADVISOR: Timothy S. Fisher

Abdulaziz M A A Alawadhi

Rotor Dynamics and Control Applications in a 6 Degree of Freedom Twist-Tilt Quadcopter
ADVISOR: Tsu-Chin Tsao

Abdalla Alghfeli

Direct Concentrated Solar Synthesis of Graphene
ADVISOR: Timothy S Fisher

Sun Woong Baek

Thermodynamic Characterization and Heat Generation of Fast-Charging Wadsley-Roth Shear Phase Materials for Battery Application
ADVISOR: Laurent G Pilon

Ali Dsham Dashti

Mechanical Characterization and Processing of Flexible and Transparent Ambiently-Dried Aerogels
ADVISOR: Laurent G Pilon

Matevž Frajnkovič

Combining Calorimetry and Electrochemical Methods to Gain Insight Into the Charging Mechanisms of Electrochemical Capacitors and Batteries
ADVISOR: Laurent G Pilon

Man Li

Thermal Transport in Heterogeneous Nanostructures
ADVISOR: Yongjie Hu

Anil Pradeep Nair

Rotating Detonation Rocket Engine Analysis with High-Speed Optical Diagnostics
ADVISOR: R. Mitchell Spearrin

Eric Richard Peltola

Human Hand Pose Estimation and Artificial Tactile Sensing in Harsh Environments
ADVISOR: Veronica J Santos

Mathias Ross

Numerical Exploration of Rotating Detonation Rocket Engine Chamber Dynamics
ADVISOR: Ann Karagozian

Junjie Shen

Locomotion Analysis and Control of a Miniature Bipedal Robot
ADVISOR: Dennis Hong

Pratyush Srivastava

The Effect of Domain Size and Strain Rate on Inelastic Mechanisms in Engineering Solids
ADVISOR: Vijay Gupta

Conferred, Winter 2023

Min Sung Ahn

Development and Real-Time Optimization-Based Control of a Full-Sized Humanoid for Dynamic Walking and Running
ADVISOR: Dennis Hong

Eun Sang Cha

Miniature Autonomous Racing for Research and Education
ADVISOR: Dennis Hong

Hosik Chae

Locomotion Control of Legged Robots Using Data-Driven Techniques: Application to a Buoyancy Assisted Biped
ADVISOR: Dennis Hong

Victor Manuel Estrada

Development of Ferroic MEMS Devices for Single-Cell Manipulation and Implantable Communications
ADVISORS: Gregory Carman and Abdou Sepulveda

Ryan Hansen Lee

Mechanical Neural-Networks: Materials That Learn Their Properties and Behaviors
ADVISOR: Jonathan Hopkins

Stephen George Schein

High Fidelity Modeling Techniques for MEMS Resonators
ADVISOR: Robert M'Closkey

Erfan Sedighi

Investigation of Interfacial Flow Dynamics and Mass Transfer in Multi-String Heat and Mass Exchangers for Desalination and Cooling Applications
ADVISOR: Yongho Ju

Rahul Shenoy

Self-Learning Neuromorphic Integrated Circuits for Autonomous Drone Navigation
ADVISOR: Yong Chen

Lifu Wang

High Frequency Guided Wave Propagation in Layered Media
ADVISOR: Ajit Mal

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Doctor of Philosophy in Mechanical Engineering (continued)

Jingwen Zhang

Towards Application on Optimization-Based Methods for Motion Planning of Legged Robots

ADVISOR: Dennis Hong

Ruoda Zheng

Multiferroic Devices for Cell Manipulation and Acoustic Resonators

ADVISORS: Greg P Carman and Abdon E Sepulveda

Taoyuanmin Zhu

Design of a Highly Dynamic Humanoid Robot

ADVISOR: Dennis Hong

Candidates, Spring 2023

Angel Aleman

In situ Scanning Electron Microscopy Based Uniaxial Compression of Sub-Micrometer-Size Transition-Metal Carbide

Single-Crystalline Pillars

ADVISORS: Nasr Ghoniem and Suneel Kodambaka

Diederik Frank H Beckers

Fast Models and Reinforcement Learning Control of Unsteady Aerodynamics

ADVISOR: Jeff D. Eldredge

Emily Ailene Burnside

Multiferroic Antennas for Communication in Lossy Media

ADVISOR: Greg Carman

Yuchen Jiang

Optimization Studies of Liquid Metal Systems for a Fusion Power Reactor

ADVISORS: Sergey Smolentsev and Jeff Eldredge

Hao Lee

Energy Recycling and Management for Lower Limb Exoskeleton

ADVISOR: Jacob Rosen

Sangmin Lim

Discrete Differential Geometry-Based Modeling of Robots at Low Reynolds Number

ADVISOR: Mohammad Khalid Jawed

Angelica Ottaviano

Plasma Interactions and Electron Dynamics for Volumetrically Complex Materials

ADVISOR: Richard Wirz

Jesse Rivera

Simulating Mechanical Antennas via FDTD Methods

ADVISORS: Greg Carman and Yuanxun Ethan Wang

Michael Sheng

Modeling Ferroelectric Materials and Synthetic Jet Actuators

ADVISORS: Christopher Lynch and Gregory Carman

Nathaniel Jeffrey Snyder

A Real-Time and Robust Multivariate Estimator for Dynamic Systems with Heavy-Tailed Additive Uncertainties

ADVISOR: Jason L. Speyer

Han Wang

Discrete-Time Modeling and Control of Coupled Rectifier-Inverter Circuit Having Insignificant Buffering Capacitors

ADVISOR: Tsu-Chin Tsao

Wenzhong Yan

Printable Mechanical Autonomy

ADVISORS: Ankur Mehta and Jonathan Hopkins

Lionel Zhang

Human-in-the-Loop Teleoperation for Tactile-Driven Physical Interactions in Unstructured Environments

ADVISOR: Veronica J Santos

Candidates, Summer 2023

Henry Huh

Cone-Jet and Emission Processes for Electrospray Thrusters via Computational Analysis

ADVISOR: Richard E. Wirz

Jingyi Kang

Patient-Specific Hemodynamic Modelling in Collateral Circulation of Circle of Willis

ADVISOR: Jeff Eldredge

Hsin Lan

Optomagnetic Micromirror Platforms for Biological Material Mechanical Properties Measurement

ADVISOR: Eric Chiou

Seonglin Lim

Thesis Dissertation Title Not Available

Jingke Liu

Fundamental Study of Zinc Matrix Nanocomposite for Biomedical Applications

ADVISOR: Xiaochun Li

Matthew Taylor McIntosh

Developing a Micromagnetic Based Energy Method at the Atomic Scale

ADVISOR: Gregory Carman

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING
Doctor of Philosophy in Mechanical Engineering (continued)

Kenneth Ernest Pyle

*Design, Modeling, and Control of an Electrostatic
Suspension Platform for Thin Disks*

ADVISOR: Robert M'Closkey

Da Wei David Ren

Linear Stability Analysis of a Jet-in-Crossflow

ADVISORS: Ann Karagozian and Leo Alves (UFF, Brazil)

Kevin Schwarm

*Real-Time Laser Absorption Spectroscopy for
Controls Applications in Combustion Systems*

ADVISOR: R. Mitchell Spearrin

Dezhong Tong

*Physics-Based Training for Robotic Interaction with the
Practical World*

ADVISOR: M. Khalid Jawed

Kieran Wolk

Thesis Dissertation Title Not Available

ADVISOR: Vijay Dhir

Yan Yi

*Experimental and Numerical Investigation of Mixed Convection
Magnetohydrodynamic (MHD) Flows for*

Liquid Metal Fusion Blankets

ADVISOR: Mohamed Abdou

MASTER OF SCIENCE

DEPARTMENT OF BIOENGINEERING Master of Science in Bioengineering

Conferred, Fall 2022

Nima Afshar

Alon Halfon

Emilie Ivchenko

K'Ashé Fyré McKinney

Andrew Ramirez

Austin Gregory Young

Yu Zhu

Conferred, Winter 2023

Brianna Min Sun

Daniel Lu

Barath Palanisamy

Salil Trushar Patel

Rayo Suseno

Timothy Alexander Vernon

Candidates, Spring 2023

Justin Chen

Ashmita Deb

Sophia Rista Desai

Enio Hodzic

Christine Huang Jung

Meghana Krishnan

Han Jie Liu

Diana Ly

Maria Eduarda Mendes De Mello E Silva

Josephine Joseph Neyyan

Vidhur Raveendran

Adam Ashkan Toubian

Samuel Thomas Vander Dussen

Ariana Shaina Wilner

Rena Yang

Wenqi Zhou

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING Master of Science in Chemical Engineering

Conferred, Fall 2022

Daniel Joseph Katz

Conferred, Winter 2023

Fuqun Grace Vasiknanonte

Candidates, Spring 2023

Annabella Budiman

Po-Hung Chen

Mohammad Galadari

Yimin Gu

Yadi Huo

Yuqing Li

Chi-Yun Lin

Srishti Mittal

Atharva Vijay Suryavanshi

Xinyue Zhang

Candidates, Summer 2023

Selene Chen

Marios Evangelos Christofides

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

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Master of Science in Civil Engineering

Conferred, Fall 2022

Benjamin James Croze
Alex-Amirnezam Fakhroo
Sunmin Lee
Te Kang Lee
Katie Perkins Osborn
Han Zhang

Remi de Laparre de Saint Sernin

Anya Dickinson-Cove

Tommy Dobson

Cyndie Dorvil

Pierre Raoul Emile Ferley

Brandon Michael Follonier

Aaron Gee

Viktor Raheem Ramientos Pacis

Quinlan Raymond Parker

Thomas Hiroshi Patrick Rene Paul

Yunus Ali Pinjari

Mohammad Pishahang

Pierre Alain Louis Rochererau

Andrea Saint-Antonin

Conferred, Winter 2023

Nasser Alsultan
Amalia Mohammed Cicek
Peng Deng
Chenyu Liao
Maxwell Christopher Wilder
Shuo Zhang
Yaqi Zhang

Hubert Henri Gilles Marie Hauville

Eileen Ho

Matthew Emmanuel Hoffman

Lily Frances Lee

Patrick Lee

Yoon Kyu Lee

Haoyang Liu

Cesar Israel Lopez-Martinez

Stanislas David Lucas-Baxter

Lucie Pauline Marie Marechal

Arsh Viral Mehta

Taylor Phuong Nguyen

Lucas Igor Nollet

Nicholas Craig Olivas

Alexander Mark Orlando

Gabriel Antonio San Martin Silva

Ke Shang

Weijun Shi

Tyrel Stevenson

Takahiro Tsukiji

Pablo Alexander Velasco

Yupei Wang

Andrew Garrett Watkins

Zhaoting Zhang

Hu Zhao

Suri Zhu

Yuxing Zhu

Candidates, Spring 2023

Mohamed-Khalid Khaif Aberwag
Bahereh Ansari
Manan Arora
Elyes Anis Ben Amri Bettaieb
Tannis Breure
Ayush Chatterjee

Candidate, Summer 2023

Haley Janessa Gunther

MASTER OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE Master of Science in Computer Science

Conferred, Fall 2022

Vishnu Vardhan Bachupally

Jessica Raquel Bojorquez

Sumeet Chaudhari

Alex Chen

Feiyang Chen

Manish Reddy Gottimukkula

Jessica Ho ♦

Shaviv Samuel Nachum Hoffman-Lowitz

Tomoyori Iwao

Aditya Jain

Sonia Jaiswal

Yeon Taek Jeong

Runheng Lei

Ben Limpanukorn

Yuanching Lin

Landon Kelt Miller

Minal Mishra

Christian Navasca

Nadav Rakocz

Yuhan Shao

Pranay Shirodkar

Ashish Kumar Singh

Raja Vyshnavi Sriramoju

Soumya Santoshi Uppuganti

Chang Xu

Guangxuan Xu

Hsin-Wei Yu

Xiaoyang Yu

Yifu Yuan

Kevin Zhang

Conferred, Winter 2023

Ayushi Agarwal

Srinath Naik Ajmeera

Vivek Arora

Sahil Bansal

Sri Keerthi Bolli

Xiaojian Chen

Jakob Alexander Didio

Siyan Dong

Gautam Dudeja

Shashank Goel

Rosemary Yuan He

Haiying Huang

Jingwei Huang

Pranjal Jain

Ema Koh

Aarjav Akshay Kothari

Madhav Sankar Krishnakumar

Xueer Li

Yijun Li

Mingchao Lian

Weichong Ling

Yuchen Liu

Yuefu Liu

Cheng Lu

Matthew Baovan Martin

Satvik Mehul Mashkaria

Henry Karl Peters

Ella Petter

Suyash Prakash

Zongyue Qin

Zhicheng Ren

Michael Sherman

Parth Milind Shettiwar

Yiming Shi

Zhouxing Shi

Akshay Singhal

Congkai Tan

Niranjan Vaddi

William Raymond Varcho

Jacob Scott Wallin

Peter Haolei Wang

Zuer Wang

Guorui Xiao

Tianyi Xie

Fangqing Xu

Felix Zhang

Hang Zhang

Wenye Zhang

Candidates, Spring 2023

Abirami Anbumani

Rakesh Bal

Hritik Bansal

Zongnan Bao

Nischal Reddy Chandra

Yunus Zheng-Ren Chang

Jonathan Chau

Bhanu Chaudhary

Aaron Chen

Fred Chu

Meihua Dang

DEPARTMENT OF COMPUTER SCIENCE

Master of Science in Computer Science (continued)

Malik Day	Siqi Liu	Bodong Wang
Aishwarya Dev	Yu-Hsuan Liu	Chelsey Yi Chao Wang
Vivek Joseph Fernandez	Rachel Reuben Menezes	Junyu Wang
Xiaxuan Gao	Khanh Nguyen	Matthew Xuehan Wang
Apoorv Garg	Shardul Shailendra Parab	Yuxin Wu
Ricky Ruijie Guo	Parth Hemant Patel	Tingfeng Xia
Vipul Gupta	Shivam Patel	Yilin Xie
Ruoyu He	Nilay Laxmikant Pochhi	Zhiquan You
Yu Hou	George Nicholas Pu	Xinyi Yu
Qingyuan Hu	Dipti Ranjan Sahu	Disha Mahesh Zambani
Ting-Po Huang	Varuni Sarwal	Wenhe Zhang
Xurui Huang	Vedant Sathye	Tianqi Zhao
Yuxin Huang	Parth Shah Shah	Yikai Zhu
Tanmay Sanjay Hukkeri	Prakhar Sharma	Lidian Zhuo
Jason Kyle Jewik	Kimberly Lin Shi	<u>Candidates, Summer 2023</u>
Haowei Jiang	Albert John Stanley	Ashima Suvarna
Emily Rena Kao	Rohit Sunchu	Lalit Bhagat
Harshita Sudhir Khandelwal	Harini Suresh	John Arthur MinhQuan Dang
Vaibhav Kumar	Lily Takahari	Isha Gonugunta ♦
Jiaying Li	Kevin Tang	Dylon Matthew Tjanaka
Yanxun Li Li	Sanjeev Venkatesan	
Zhuoran Liao		

MASTER OF SCIENCE (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING Master of Science in Electrical and Computer Engineering

Conferred, Fall 2022

Nithin Varma Adduri

Golara Ahmadi Azar

Alexander Makoto Baldauf

John Michael Burk

Zechariah Robert Cadarette

Xumin Cao

Min-Hsien Chung

Yuxuan Fan

Chester Hulse

Nithin Rahav Jayakumaran Kamalahasan

Hayato Steven Kato

Jacob Aaron King

Kunal Kishore

Hardhik Lankalapalli

Linfeng Li

Donar Li

Liang-Chien Liu

Yinqiu Liu

James Joseph Migdal

Lu Pan

Cheng Peng

Melvin Ramea Prasetyo

Siyun Qiao

Hanyang Ru

Simon Schirber

Gaurav Singh

Qihang Sun

Michelle Khau Tan

Jiahui Tang

Vidhya Thandayuthapani

Jot Singh Virdee

Chengxin Wang

Hong Wang

Jiayu Wang

Jinchen Wu

Zhidi Yang

Tingyao Zhang

Weijian Zhang

Zhiqing Zhang

Yi Zhou

Kunxiang Zu

Conferred, Winter 2023

Anusha Arcalgud

Prabal Bhatnagar

Kexuan Cao

Guoliang Chen

Sean Ching Chuan Chen

Yang-Shan Chen

Joshua Bumghak Cho

Jonathan Leonard Cohen

Kaleb James Cole-Wood

Spencer James Czerwinski

Zeyu Dai

Justin Adam Feng

Yuji Gao

Yskandar Gas

Peibin Gong

Catherine Hsiao

Omar Ahmad Itani

Tianqi Jiang

Zhen Jiang

Aochen Jiao

Maxwell Eric Johnson

Myles James Johnson

Kevin Moonhyun Jung

Kalaivani Kamalakannan

Shweta Vadiraj Katti

Calvin Chung-Lun Kuo

Hongseok Lee

Yufeng Li

Chih-En Lin

Natalie Lin

Chenyu Liu

Yang Liu

Yu-Hsiang Liu

Yuchong Luo

Tianze Ma

Callen MacPhee

Rishabh Mani

Navid Daniel Mir

Siddhant Vitthal Patil

Sindhu Narasarama Rao

Preetham Narayana Reddy

Ryan Mark Nemiroff

Michael Tai-Yu Pan

Jhancy Rani Ramamurthy

Bassam Rami Safadi

Nisha Sharma

Akshit Deep Singh

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Master of Science in Electrical and Computer Engineering (continued)

Dhruv Srinivas	Madison Hannah Belk	David Kao
Diplav Srivastava	Rushi Yogesh Bhatt	Rohit Satish Karmarkar
Wenhui Sui ♦	Anirudh Bindiganavale Harish	Kimaya Milind Kulkarni
Bharathwaj Suresh	Jordane Antoinette Bloomfield	Blake Louis Lazarine ♦
Wei-Chen Tai	L. Chase Burton	Jerry Mingzhe Li
Sarthak Tanwani	Chethan Chinder Chandrappa	Yuhang Li
Ethan Uetrecht	Yuanlong Chen	Te-An Liu
Yashwanth Bharadwaj Vedula	Evyn Natasha Chiappe	Yingda Roger Liu
Hariram Veeramani	Shyandeep Das	Vincent Lu
Marco Antonio Venegas	Xiang Dong	Yusheng Luo
Naveen Vikraman	Deniz Orkun Eren	Shivaswarup Manjakuppam Ashok
Brite Wang	Diego Rene Espino	Ran Mo
Shu Wang	Semira Galijasevic	Shruti Mohanty
Qijie Wen	Tianyi Gan	Timothy J. Moscarino
Shenghui Xu	Ozgur Bora Gevrek	Akhil Nori
Kai-Wen Yang	Harish Gondihalli Venkatesha	Arda Okan
Yufei Yang	Qiang Gong	Khushbu Pahwa
Siddarth Sai Amruth Yetikuri	Wenxu Gu	Rakshith Ravindra Gore
Zhe Zheng	Abhik Sanandh Gude	Josh Robinson
Tianwen Zhu	Yihang Guo	Armin Sadeghi
Yunzheng Zhu	Ziyi Guo	Aruul Mozhi Varman Senthilkumar
Niklas Zwingenberger	Rikako Hatoya	Vaibhav Sharma
<u>Candidates, Spring 2023</u>	Yuheng He	Allan Shen
Anuj Agrawal	Andy Kungpo Hsu	Jyot Anmol Singh
Adnan Al Armouti	Jeannie Hur	Akshay Kumar Sreekumar
Tyler Davis Albarran	Roy Jara	Sidarth Srinivasan
Basheer Pierre Ammar	Michi Jewett	Shih-Che Sun
Andrew James Arrieta	Yuwen Jia	Weitao Sun
Yu Bai	Aaron John Sabu	Xingke Sun
Sreya Banerjee	Pranshu Kalra	Amulya Shruthi Tammireddi

MASTER OF SCIENCE (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Master of Science in Electrical and Computer Engineering (continued)

Kasen Teoh	Zichao Xian	Rui Zheng
Alexander Vilesov	Tianyu Xiang	Jingxuan Zhu
Matthew Waliman	Shaosong Xing	Sander Antigua Zukerman
Hao Wang	Qinwei Xu	<u>Candidates, Summer 2023</u>
Pei Wang	Shengkai Xu	Shreeram Seshathri Athreya
Ruoye Wang	Jiawei Yang	Yida Chen
Wenxuan Wang	Ting-Hsun Yang	Ananya Deoghare
Jackson Wallace Wightman	Yourong Yang	Alexis Aleksandrovich Samoylov ♦
Sarah Deborah Wilen ♦	Chaorui Yao	Brandon Yan
Morgan Antoinette Williams	Kangdi Yu	
Wenxuan Wu	Wayne Zhang	

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Master of Science in Materials Science and Engineering

<u>Conferred, Winter 2023</u>	<u>Candidates, Spring 2023</u>	Vinayak Shrote
Heng Jui Chu	Sohyun An	Harshal Dalpat Sonagara
Yi-Man Kao	Elisabeth Ateba Essolebe	Niharika Tripathi
Hunter William Klein	Kyran Matthew Buggy	Tsung-Yu Wu
Ankit Kuchhangi	Hao Chen	Yuzheng Xie
Aditya Muralidharan	Vivian Chen	Dharani Jaya Yakkaluru
Qicong Qin	Yu-Ching Chen	Kaiji Zhang
Liwen Yang	Nien-Yuan Chin	<u>Candidates, Summer 2023</u>
Yumin Zhao	Bangyao Hu	Jiahao He
	Kara Eden Levy ♦	Jeremy Aidan Siu
	Harshit Ranjan	Wenhao Zou
	Shaurya Seth	

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Master of Science in Aerospace Engineering

Conferred, Fall 2022

Arin Hayrapetyan

Wendyl Perez

Arthur Maxence Violon

Conferred, Winter 2023

Hugo Márquez Camarena

Geoffrey McFarland Hewitt

Kevin Lian

Candidates, Spring 2023

Alyssa Rose Boedigheimer

Hayk Ghazaryan

Paul Hawkins

Justin Michael Kundert

Daniel Lin

Jim Luo

Andrew Hanna Mourad

Alexandra Orloff

Maharshi Prakash Pathak

Jiaping Zhen

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Master of Science in Mechanical Engineering

Conferred, Fall 2022

Ananthakrishnan Bhagyarajan

Christopher Mahlon Carter

Te-Kang Chao

Lillian Rose Clay

Salim Omar Es-Said

Alysa Kataoka

Daniel Lee Kotlyar

Phillip Michael Krings

Qiuyang Lai

Cheryl Lee

Bryce Dutro Murley

Akshat Pandya

Pietro Sainaghi

Varit Vichathorn

Zachary Chu Loong Fithian Wong ◆

Zhengqi Zhong

Conferred, Winter 2023

Christopher Nordin Campbell

Samuel Galblum Gessow

Mattie Marcell Green

Ruochen Hou

Rubin Jacob

Li Jin

Nitesh Kalra

Venu Madhava Kandadi

Vishesh Kashyap

Naarendharan Meenakshi Sundaram

Jiahui Xi

Candidates, Spring 2023

Cameron Thomas Bowers

Tonie Butler

Adam Wadih Daher

Megan Arwen DeMott

Mahdi Dizani

Caleb David Dodd

Marwan Fayed

Trevor Jay Gomez

Jacob Eli Greenwood

John Michael Thomas Hateley

Jin Jen

David Pedro Martinez

Cat (Kate) Nystrom

Richard Allen O'Berg

Liam Olive

Heebeom Park

Jimmy Erik Penaloza

Peter Charles Racioppo

Mia-Sara Shannon Reyes

Katherine Anne Roney

Jacob Manny Serber

Benjamin Laurence Simmons

MASTER OF SCIENCE (continued)

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING Master of Science in Mechanical Engineering (continued)

Ebryanto Soemardy	Naravit Vichathorn	<u>Candidates, Summer 2023</u>
Ye Song	Jingwen Wen	Nithin Kaniyamkudiyil Subhash
Yash Umesh Trivedi	Wen-Cheng Wu	Aditya Shridhar Navghare
Collin Matthew Turner	Mukesh Yadav	
Rodrigo Uribe	Chao Yu	

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM Master of Science in Engineering

<u>Conferred, Fall 2022</u>	Edgar Washington Salvador	Zane Victor Preston Malle
Shane Michael Cioni	Olivia Kathryn Sullivan	Julio Joel Moguel
Amir Dhillon	Tyler Jeffrey Thomas	Edward Park
Brigid Noreen Ehrlich	Matthew Thierry Timsit	Aimee Nicole Threlkeld
Roger Louis Francis	George Tsikaradze	Alexander Vu Tran
Kevin Chun Kit Ha	Christian Joseph Perez Valdez	Nicholas Tran
Akira Elijah Isaac	Kristopher James Veizaga	<u>Candidates, Spring 2023</u>
John William Kok	Abhishek Ketanbhai Vyas	Matthew John Bare
Kelsey Marie Gee Le Mar	<u>Conferred, Winter 2023</u>	Kevin Kenji Arthur Bierig
Julie Suzanna Justine Le Renard	Connor Bryant Adams	Jason Marshall Chapman
Jia-Huei Lee	Kyran Michael Caines	Ryan Kingman Chin
Sebastian Lemaître	Ryan Huu Cao	Christopher John Clark
Donald Troy Leverton	Sara Dahi	Freddy Cortes
Anurag Mahajan	Mary Gamboa Garcia	Pedro Mariano Cerqueira Da Silva
Bryan Stewart McKnight	Leia Gaten-Slahor	Andrew Hong-phuc Dang
Michael James Mellick	Kyler Hu Gleason	Yuji Michael Dornberg
Jose Brian Munoz	Osama Hassen	Bianca Marie Felix
Avi Kurtz Oliver	Madeline Alexa Hill	Alexandra Golubovic
Samuel Hajoong Park	Stephen Kiet Lam	Junjie Jiang
Hannah Talese Robinson	Anthony Yu Jun Lei	Nikhil Khanna

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering (continued)

Timothy Weiman Lam	Srinidhi M Rao	Jesús Francisco Brito De La Rosa
Kristin Michelle Lauzon	Ingrid Tifni Spielbauer	Shivani Ganti
Natasha Kiann Lee	Anthony Truong	Bobby Martin Judd
Ryan Huai-En Li	Ninsina Yadkar	Zachary Jordan Kum
Subhiksha Mani	Chao Zhang	Claire Louise Maxfield
Matthew Steven McCauley	<u>Candidates, Summer 2023</u>	Rachel Harber Noorani
An Thai Nguyen	Adham Naser Abdelhalim	Brady Christian O'Neill
Amanda Kyoko Nishihira	Dominique Nicole Aguon	Gavin Elliot Overturf
Sindos Yehya Nuhaily	Anthony Aziz	Mengjia Shen
Megan Ann Parohinog Oliveros		

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Aerospace

<u>Conferred, Fall 2022</u>	<u>Candidates, Spring 2023</u>	Erwin Silverio Morales
Alyssa Mae Celone	Maxwell Arman Binaei	Ting Yen Wu
<u>Conferred, Winter 2023</u>	Vandy Tran Bui	<u>Candidates, Summer 2023</u>
Vincent Chong Yin Lee	Leo Liyu Chou	Daniel Ricardo Castro Ortega
Irani Febbie Mujemulta Tinio	Daniel Robert Gadoury	Jesse Arthur Katamay
Kirk Nicholas Whitney	Elliot Robert Johnston	

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Computer Networking

Conferred, Winter 2023
Jagadeesh Keshav Naik

MASTER OF SCIENCE (continued)

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM Master of Science in Engineering-Electrical

Conferred, Fall 2022

Urmi Bhaumik
Cameron Christopher Gehring
Jiayin Hu
Aayushi Kumari
Garrett Zhuo Heng Young

Ivan Felix Cazares
Jeremy Michael Goldberg
Mao Huan Huang
Saad Shams Khatri
Victor Cong Hao Law
Sergio Perez
Zachary Lee Shattler
Jacqueline Zahra Sotoodeh

Candidates, Spring 2023

Karen Abarca
Zachary Bart Babbitt
Shreyash Bhattarai
Tim Gabriel Nordqvist
Jeffrey Ben Oki
Anthony Francis Ortiz
Lawrence Albert Pan
Candidates, Summer 2023
Jose A Castaneda Campos
Neal Quoc Nguyen

Conferred, Winter 2023

Maxwell Elijah Bowen
Hannah Elizabeth Dahlgren
Mohammed Khaled Fakhro

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

Conferred, Winter 2023

Nicholas Scott McCabe

Candidate, Summer 2023

Rae Sun Jang

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM Master of Science in Engineering-Integrated Circuits

Conferred, Fall 2022

Rafik Dalati
Joseph Douglas Miller

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Manufacturing and Design

Conferred, Winter 2023

Alicia Renee Bonte

Maria Delta Zulueta Caraulia

Candidate, Spring 2023

Kiril Shevchuk

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Materials Science

Conferred, Fall 2022

Alexander Michael Schmidt

Candidates, Spring 2023

Sayok Chattopadhyay

Tony Suyan Zhou

Candidates, Summer 2023

James Nolan Talley

Elizabeth Teresa Torres

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Mechanical

Conferred, Fall 2022

Caleb Matthew Avery

Jyothirmayi Edara

Sean Michael Hutchinson

Melissa Perez

Matthew Frank Poloniak

Christopher John Tait

Conferred, Winter 2023

Nathaniel Jackson Szumowski

Candidates, Spring 2023

Gabriel Albacete

Matthew Richard Boggio

Allen Tien-Tse Chang

William Conner Farrell

Grayson Todd Horn

Joseph Peter Hylak

Elaine Li

Andy Ma

Mitchell Joseph Francis Mahowald

Alexander Rene Markley

Noe David Martinez

Moheb Morris

Tri Minh Nguyen

Elliott Yushin Park

Drew Henry Pfeifer

Matthew Austin Rubly

Mohammad Rafay Safdar

Candidates, Summer 2023

Julian Arellano

Jonathan Robert Baker

Lazaro Benitez Moreno

Keaton Douglas Cornell

Kelsi Alanna Dunne

Amrith Anthony Karunaratne

Jason Edward Lee

Edvin Yee Moy

Justin Tsao

MASTER OF SCIENCE (continued)

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM Master of Science in Engineering-Signal Processing and Communications

Conferred, Fall 2022

Alec James Adamski

Rachel Jessica Bilbo

Ian Christian Jimenez

Conferred, Winter 2023

Jasmine Rei Arrieta

Sang My Ngo

Candidates, Spring 2023

Edison Simon Grauman

Trisha Kadle

Adrian Martinez

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

Candidates, Spring 2023

Stacy Ann Glance

Seguin Joseph Guerrero

MASTER OF ENGINEERING

MASTER OF ENGINEERING PROGRAM Master of Engineering

Conferred, Fall 2022

Jinru Cai	Shueh-Lian Cheng	Christian Natajaya
Naibiao Jin	Alyssa Brianna Chew	Sin-Ya Peng
Niveditha Lakshmi Narayan	Ryan Chien	Varsha Senthil
Tao Liu	Jaclyn Jia-Chyi Chiu	Aniket Kamlesh Shah
Zhaoheng Luo	Yubo Dong	Wenhao Shen
Qingyuan Pan	Joshua Duquette	Yoke Hong Si
Shanpeng Wang	Seamus Gallivan	Yuchen Song
Tianshu Xiao	Chih-Chun Hsu	Jeremy Jacob Szeto
Liyuan Zhao	Chen Wei Huang	Vikash Anand Tewari
	Kuei-Chun Huang	Ruslan Tita
	Ziyang Ji	Yikai Wang
	Nathan Kim	Yi Xiao
	Phillip Ko	Jiachen Yan
	Alicia Kuang	Ziru Yan
	Andy Kwan	Po-Yen Yang
	Yongling Li	Yun-Ping Yang
	En-Tien Lin	Minghao Zhang
	Simran Masand	Rongxiang Zhi
	Naya Menezes	Zhi Zuo

Conferred, Winter 2023

Zishun Jin

Candidates, Summer 2023

Subham Agrawal

Lorenzo Alesiani

Sterling Rollyn Butler

Tianxiang Chen

Xiaoxun Chen

Yu-Wei Vivian Chen

BACHELOR OF SCIENCE

DEPARTMENT OF BIOENGINEERING

Bachelor of Science in Bioengineering

Conferred, Fall 2022

Lana Khader

Natalie Olivares

Conferred, Winter 2023

Adel Ayman Battikha ***

Aidan Michael Hushka Boyne *

Shona Margarit Brown *

Susanna Ferrier

Alexa Haley Herbel

Leah Ashley Kim

John David Morgan *

Exequiel Nuño

Anjali Sivanandan

Candidates, Spring 2023

Rahul Ramji Baraiya **

Nicolas David Basaka **

Soulaïmane Bentaleb **

Carmen Maria Boixo Fernandez De La Cig **

Gianna Denae Brown

Nathan Yan Cai **

Jarod Maxwell Carol **

Nicole Ruey Chang

Rohan Chawla **

Joseph Chen

Kyle Jantan Chen **

Cherise T Ching **

Hiu Ue Chiu

Giorgio Conta

Israa Dahbour

Joshua Hunter Denk

Het Nihar Desai **

Miranda Belia Diaz-Infante

Dana Ly Do

Elsa Barland Dubil

Caitlin Elizabeth Dwyer

Mary Epperson

Andrew Jacob Freitas

Alexander Michael Grandinetti

Noah Anhquan Guillermo **

Sourish Guntipally

Yifei Hao

Christina Rebecca Heine

Erin Yuqi Hu **

Jacob Zacharias John

Simran Kang **

Shreesh Jayateerth Karjagi

Samika Svarna Karthik

Jiho Kim

Anika Deepa Kulkarni

Dan Quoc Le

Brandon Song Lee **

Alex Junmo Ma

Mylan Anh Mayer

Emma Marie McVay **

Juhi Mehta **

Manaav Karan Sowmil Mehta

Nathan Estevan Montanez

Kevin Minh-Tri Ngo

Sarah Caroline O'Donovan

Katarina Nina Pejcinovic **

Stacy Anh Phan

Kaitlyn Noelle Quesada

Quinton Rinehart

Melissa Janet Rupert

Kimberly Ann Stahovich **

Sharon My Tam **

Elena Cameron Tkachuk

Brandon To

Joseph Elliott Tyreman **

Kathleen Elizabeth Villasenor

Katherine Jin Wu **

Kun-Wei Yeh

Michael Ka-Chun Yu **

Elaine Mingwei Zheng **

Candidates, Summer 2023

Payton Hana Bechefskey

Peter Bohrer Marsh

Jonathan Kunio Shiba

Kyungjin Shin

Chloe Lee Yachanin

*** *summa cum laude*

** *magna cum laude*

* *cum laude*

** Recognition of latin honors for Spring and Summer 2023 candidates is based on grades through Winter 2023. Official latin honors is subject to final Spring and Summer 2023 grades.

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

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Bachelor of Science in Chemical Engineering

Conferred, Fall 2022

Tifany Nguyen
Ashkon Mohamad Parto
Dolores Rodriguez

Candidates, Spring 2023
Hana Sameer F Alhawaj **
Christopher John Anklam
Nathan Young Au **
Micah Reece Cheng Bendicion
Zachary John Bergevin
Kent Bourgoing
Jaslyn Brar
Anh Bui
Taylor Renee Cason **
Philip Joseph Chang
Delaney Marie Cheffer
Kerry Xiaoru Chen **
Jongseok Choi
Claire Chung
Eunjae Chung
Micah Crook **
Stephen Damato
Lorin Carole Danielsen **
Katie Dao
Vishnu Dhawan
Sarah Melissa Guiao Estaris

Zijun Feng **
Jeremy Brian Gan
Joel B Glasman
Alexandra Yvette Grishchenko
Wenrui Guo
Rishab Niraj Gupta **
Kathryn Marie Harding **
Joshua J Hessel
Anh T Hoang
Benjamin Kang
Rebecca Mary Keast **
Arthur Khodaverdian **
Camae Carmen Kong
Dean Dennis Kuli
Brant Hong Liang Lee
Amandeep Singh Mander
Matthew Alan Margason
Paul Chakkanakuzhi Mathews
Gavin Chase Mazur
Leonard Grant McCline **
Colin Russell McCutcheon
Sara Rose Mittman
Tran Nguyen
Nadia Owen **
Varun Patro
Jose Francisco Pelaez Meza
Connor Perry

Alexandria Louise Pheiffer **
Jason Sebastian Phoea
Ali Mazhar Rizvi
Riana Pryia Roy
Ani Sharma **
Blaise Slattery
Julius Owen Suherman *
Ashley Lauren Sun **
Linh Bao Tang
Andrew Da Todt **
James Thanh Tran **
Vy Phuong Tran
Khanh Nhat Truong
Benjamin Chris Vivier **
Steven Huy Vo
Alyssa Vu **
Luke Christian Walker **
Cory Joseph Westad
Anne Peng White **
Joshua Jon Williams
Kinnan Archibald Wong
Kenny Kwan Lam Yip **
Emily Myung-Eun Yu

Candidates, Summer 2023
Allen Guo
Jinlong Guo

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING Bachelor of Science in Civil Engineering

Conferred, Fall 2022

Zoe Bennett	Joseph Choi	Sabrina Luo
Jonathan Duong	Tiffany Veronica Choi	Nicholas Boon Hock Lwe
Gaelle Elalam	Joshua David Chung	Catherine Mailloux ✱✱
Esther Jewel Foo ✱	Derin Dalgic	Quinlan Elizabeth McKnight
Anthony Fuentes	Clark Perez Decastro	Tyler Ian Mendonsa ✱✱
Ramiro Gonzalez	James Richard DeLong	Ikuko Nakano
Garret Diego Grant	Andrei Alexandru Dumitrescu	Dianne Nguyen
Sullivan Montgomery Israel	Joshua Dungca ✱✱	Nishka Manish Parikh
Jiseop Kim	Mckenzie Duran-Gonzalez	Perla Ivette Pineda-Leon
Awa Raissatou Kologo	Mansi Ranee Dutta	Dhruv Purohit
Victor Adalid Mojica Morales ✱	Jamal Bassam El Naghi	Victoria Sanchez
David Eric Mota	Collin Neal Ellingboe	Justin Sautter
Emily Louise Story	Kelly Espino	Matthew Paul Schuy
Amos Cheuk-Lun To	Emily Anne Fischman	Jonathan Wyatt Scott ✱✱
Phuong N Vo	Matthew Abram Hanna	Calvin Jonathan Setiawan
	Kathryn Quynh Anh Hoang ✱✱	Alireza Shayegani ✱✱

Conferred, Winter 2023

Maximus Chung	Tara Saba Hojjat	Niva Shrestha
Jeremy Nathaniel Hadi	Miku Inoue	Charlotte Elizabeth Six
Shaun William Howard	Adrian James Johnson	Matthew Jordan Smith
	Soon Hong Kong ✱✱	Rebecca Lana Soares
	Ashley Emiko Kuwahara	Daniel Agustin Sosa

Candidates, Spring 2023

Omar Amr Abuelhassan	Mayra Lara	Itzhary Tamayo
Yasemin Agi ✱✱	Phoebe Young-In Lee	Lance Cedric Ang Tan
Jose Alejandro Alberola	Samuel Rongdao Liao ✱✱	Lisa Thamiz
Miles Xavier Allin	Jacqueline Renee Lim	Lily Tong
Luke Makoto Takara Barrella	Kevin Lin Yang	Emily Mai Tran
Lior Aviv Benaroya	Brennan Daniel Long ✱✱	Wei-Duo Tsao
Caleb E Cheung	Luis Cesar Lopez	Seth Peter Watkins ✱✱
	Ruben Alexandro Lugo	Christiana Yookjun Wong

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Bachelor of Science in Civil Engineering (continued)

John Hovanes Yakhszyan

Anthony Han Yen

Isabel Sofia Zabryanskiy

Xuyuan Zhang

Amy Zhou **

Candidates, Summer 2023

Jacob Martin Gibbs

Henry Nathaniel Kessler

Renee Daniela Lopez

Nicholas Hoang Nguyen

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science

Conferred, Fall 2022

Wensi Ai **

Ethan Chan *

Michelle Chen

Deven Dayal Douglas

Elle Cherise Feuerstein

Han Andy Goh ***

Jessica Ho ♦**

Seunghoon Lee

Esther Wang Li

Qingyang Li ***

Dacheng Lin

Zhengdong Liu ***

Sultan Husam Madkhali

Rahul Madnawat *

Isabelle Marie Marchand

Nathan Sy Ney

Nidhi Panchal

Neil Hemant Prajapati

Sahen Sharan Rai

Shriya Ramesh

Hari Krishna Senthilkumar

Latisha Hannah Sumardy

Yu-Sheng Sung

Artavazd Torosyan

Emily Vainberg

Rodrigo Vidauri

Austin Xu Wang **

Devin Ash Yerasi

Aiqi You ***

Nathan Yuen

Jack Cheng Zhao

Kelly Zheng

Kexin Zheng ***

Qiaosong Zhou

Conferred, Winter 2023

Kevin J Antony

Avery Jackson Biskup

Tadeh Boghozian

Jerry Ryan Bronkar ***

Huan-Yu Chang *

Zachary Chang

Shrea Anjali Chari

Bretton Isaac Chen ***

Ethan Gene Chen

Jeffrey L Chen ***

Rita Chen

Anson Chung

Hanna Feng Co

Clement John Decker

Omer Faruk Demirkan

David Deng **

Jagrit Digani ***

Alex Kaspar Haddad

Ben Eitan Hankin

Brandon Hsu ***

Angela Qing Hu

Ray Chi Jui Huang

Adrian Hung

Michael Huo ***

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Joon Hyun	Kun Hao Xia **	Ivana Susan Chang
Rishab Sindhar Jain *	Michelle Xintong Xie *	Justin Kyle L Chang
Kshitij Sudhir Jhunjhunwala	Lydia Elim Xu **	Katie Chang
Dorian Xinhua Jimenez	Ziqi Xu	Yuxi Chang ✨
Thomas Kamm **	Alexander Yu ***	Justin Chao ✨
Kate Qingjia Land	Tygan Jeffrey Zeng *	Alex Lichy Chen ✨
Richard Yul Lee	Hannah E Zhong	Eric Nai-Li Chen ✨
Andrew John Letvin	Yunfan Zhong **	Gordon Chen ✨
Jacob Ryan Linder		Hubert Chen
Aris Kinghale Luk *	<u>Candidates, Spring 2023</u>	Shane Francesco Cho
Bryan Yang Luo ***	Rishab Abdulvahid	Jenson Chun Hung Choi ✨
Grace Liang Ma	Armaan Abraham ✨	Michael K Choi
James L Ma *	Narayana Adisasmito-Smith	Joe Jen Choon
Zachary Hunter McNelley	Kia Afzali	Abraham Junha Chung
Wenjie Mo **	Sanchit Agarwal ✨	Hoyoung Chung
Adithya Sanal Kumar Nair	Sudhanshu Agrawal ✨	Aidan Vincent Cini
Megan Khanh Tam Pham	Christian Bernardo Aguilar	Christopher Bradley Clark ✨
Shiwei Que	Lama Khalid A Alghamdi ✨	Gregory Clark
Brendan Michael Rossmango *	Samuel Wesley Alsup ✨	Brian David Compton
Christopher Lee Ryu	Nima Amir Dastmalchi ✨	Jorge Octavio Contreras, Jr
Karim Saraipour	Jinwoo John Baik	Drake P Cote
Samuel Shen	Rohan Chiranjeev Battula	Matthew A Craig ✨
Matan Shtepel *	Luke Robert Bender	Andrew Greyson Cummings
Sanya Srivastava	Ronan Robert Bennett ✨	Narek Daduryan ✨
Jinchun Tang	Elliot Arie Berdy	Mengran Dai
Jingchen Tang **	Harshil Bhullar	Taykhoom Irfan Husain Dalal ✨
Anping Tao	Denver L Brown	Maxwell Frederick Dalton
Janice Yilin Tsai	Paige Ashlyn Brown	Connor Patrick Daly ✨
Jeremy Harvard Tsai **	Nicholas Robert Browning	Morgan Ann Daly
Shashank S Venkat	Forrest Jack Burton	Ryan Christopher Daly ✨
	Jonathan Briggs Carlson	

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Kashif De Leede **	Vivian Ha	Aryaman Ladha **
Oliver Paul De Visser	Yunqiu Han **	Austin Bryan Law How Hung **
Nicholas Prytula Dean *	Zoya Asma Haq	Brandon Ngochieu Le
Victoria Anne Delk	Mihir Hasan	Caleb J Lee
Jack Kelley dePenalosa	Hussein Hassan	Dan Hieu Lee
Arek Sasoun Der-Sarkissian	Yan Ren Hauw	Neev Levy **
Jackson Anthony DeWitt **	Evan He	Henry B Li
Tony Ding **	Zifan He **	Isaac Li **
Vivianne V Dinh	Aristotle Long Henderson **	Justin W Li
Cody Do	Dave C Ho **	Weiyuan Li
Zihao Dong **	John Douglas Houser	William Zhenghong Li **
Itohan Ero	Carlie Huang **	Raeka Lin
Jiexuan Fang	Jeffrey Huang	Wei Ting Wesley Lin
Roye Fang	Kevin Yuhao Huang **	Nicholas Sabino Lingad **
William James Fann	Liyang Clement Huang	Bonnie Liu
Francis Feng	Tina Liu Huang	Chang Yang Liu **
Luis Angel Frias, Jr	Rohit Jaganathan **	Lydia Gong Liu
Ian Carlos Galvez	Kevin Yan Jiang **	Mason Noah Hongyi Masaharu Liu
Rohit Ghosh **	Anubha Kale **	Qiming Liu **
Alec Wang Goedinghaus	Gaurav Narendra Kale	Yili Liu **
Karl Lin De Han Goeltner	Timothy Alexander Kanarsky **	Matthew Aaron Loussinian
Spencer Wiria Gouw	Asha Aiswaryaa Kar **	Darren J Lu **
Advaith Gowrishetty **	Damini Erqing Kaushik	Yuxiao Lu
Travis Graening	Milo John Holliman Kearney	Natalia Luzuriaga
Ruben Alejandro Green	Ethan Harrison Keshishian	Ivan Ma
Gregory Sark Grigorian	Euibin Kim	Pranav Chaitanya Maddali
Matthew Guan **	Liah Christina Kim	Abhishek Marda **
Mamadou Jacques Gueye	Taekgon Kim	Joshua Moises Mares
Abhijaat Gupta	Reema Kshetramade **	Sarah Nicolle Mauricio
Akshay Gupta	Daehoon Kwack	Mitchell William McLinton

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Nisha Mangalmurti McNealis **

Anay Mehta

Aaron Levi Minkov

Kaashif Mohsin

Samson Rafi Moldovsky **

Aritra Mullick

Alonzo Alexander Murrieta

Keshav Nambiar

Siddharth Nandy *

Shriniketh Narayana

Puneet Sandeep Nayyar **

Lawrence Edward Ng

Ethan Dung Ngo

Brian Nguyen

David Trung Nguyen

Justin Phi-Dan Nguyen

Sabrina Huynh Nguyen

Julia Larsen Offerman *

Thant Zin Oo

Nicholas Jamie Oosthuizen **

Rudy Takeru Orre

Zachary Joseph Pakin

Nathan Yoon-Huay Paredes-Kao

Uma Girish Patil

Joseph William Pinto **

Divya Ponniah

Timothy Chenyee Poon **

Shraddha Prasad

Siyu Qian *

Maya Kuntala Raman

Rohan Kechal Rao

Roshni Arun Rao

Maxwell Shuh Rick

Brian Dapot Mangatur Roysar **

Matthew Esteban Ruiz

Michael Ryu

Rishi Ratnam Sankar **

Zachary Ryan Schulz

Shreyas Selvaraj

Avnish Sengupta

Amy Yoonji Seo

Ravit Sharma *

Jaron Shen

Joseph Shen

Nitya Simhadri

Max Smiley

Tom Kroumov Stoev **

Cole Richard Strain

Bryce Adam Stulman **

Zhenyao Sun

Dhakshin Suriakannu

Keenan Jae Swenson

Alexander Joseph Swerdlow **

Mohan Tang **

Jason Jia Rua Tay

Yi Sheng Tay

Kaivalya Tota

Cole Trammer **

Tommy Vo Tran

Brandon Z Truong

Miranda Jia-Yu Tsang

Jeremy Isaiah Tsujihara

Sae Tsunawaki

Akhil Reddy Vinta

Ryan Vuong

Helen Jiayun Wang *

Kevin Wang **

Weizhen Wang **

Yanyu Wang

Jenggang Wang

Alexander Jad Wazzan **

Kyle Scott Whitecross **

Dominick Ethan Won

Megan Wu

Lenny Wu *

Tony Xia *

Jiamin Xu

Conner Qiu Shi Yang *

Jerry Jierui Yang

Kelly Yang **

Laurence Jin Yang

Ted Davis Yarmoski

Pui Ling Yeung **

Michael Junjie Yu **

Narineh Zargarian

Michael Tong Zhan

Charles Xian Zhang *

Guofeng Zhang **

Kent Zhang

Solaine Zhao

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Evan Zhong **	<u>Candidates, Summer 2023</u>	Aryan Pinal Patel **
Orrin Si-Da Zhong **	Siddarth Chalasani	Dylan (Chandaralong) Phe
Daniel Yang Zhou	Isaac Stephen Chettiath	Tyler Jared Phung
Jiahui Zhou **	Ping-Yang Gao	Alejandro Andres Rivas
Yiyang Zhou **	Kenneth Nguyen Le	Cindy Truong
Ashley Zhu	Amanbirsingh Oberoi	James Youn
Maggie Zhu	Muthu Indira Palaniappan	

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science and Engineering

<u>Conferred, Fall 2022</u>	Jeren Huang ***	Raj Piskala **
Christopher Glyn Baker	Michael Mooc	Jorge Daniel Roji
Lap Gia Doan ***	Kaustuv Prateeq	Vani Sharma
Jiayang He **	Ethan Yee Wong	Daniel Shim **
Dean Jones ***		Andrew Francis Sonico Eugenio
Brandon Lou ***	<u>Candidates, Spring 2023</u>	Songyu Sun **
Peiyao Sun	Evan Yo-Huey Chen **	Christina Yu Tong
Xinghua Yu	Tiffany C Chieu **	
Shawn Zhang	Young-Ghee Hong	<u>Candidates, Summer 2023</u>
	Trinh Quoc Anh Le	Anishkumar Badri
<u>Conferred, Winter 2023</u>	Dylan Akira Lee	Raj Amit Kumar **
Sarah Belle Capparelli	Jiayi Ma	Jago Anthony Lourenco-Goddard
Franklin Duk-Soo Choi	Angad Misra	Sidharth Reddy Patlollu

BACHELOR OF SCIENCE (continued)

JOINT PROGRAM WITH COMPUTER SCIENCE AND ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENTS Bachelor of Science in Computer Engineering

Conferred, Fall 2022

Ryan Long Doan
Anuk Euka Fernando
Pompiliu Teodor Girlonta
Maksym Alex Prokopovych
Chandrasekhar Bhaskar Suresh
Grace Matilda Zhao

Conferred, Winter 2023

Freddy Anthony Aguilar
Andrew Mark Lucchesi
Bradley Schulz ***
Pranav Sankar Srinivasan

Candidates, Spring 2023

Anna Rose Anderson **
Mason Alexander Bloomfield
Jaden Thomas Booher
Fabrizio Castaneda
Ryan Chen
Sahil Dani **
Andrew Fantino
Tamjid Hasin Khan
Ellie Grace Krugler
Jonathan Chang Lai **
Jonathan E Lam **
Benjamin Isaac Lanir

Timothy Ha Young Lee

Sraavya Meenakshi Pradeep
Eduardo Jose Ramirez Torres
Andrew Eric Schechter
Ethan Patrick Shahbazian
Zeid Solh **
Katherine Emma Stahnke
Shuo Wang **
Ethan Edmund Yang **
Tyler Youn
Siwei Yuan **
Candidate, Summer 2023
Isha Gonugunta ♦**

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

Conferred, Fall 2022

Isaac Ahn
Charyn Amianco
Pantha Barua
Trieu Quy Cao
Zhiyuan Chen
Haoran Cheng
Dylan Matthew Del Rosario
Nha Van Thanh Do
Edward Mansour Hage
Kenny Minh Le *

John J Lee

Andrew Rui Liu *
Salvador Gibran Lopez
Luis Miguel Villamaria Ong
Maxwell Herschel Sicherman
Elijah Simas *
Claire Daisy Sterling
Conferred, Winter 2023
Chelsea Kelechi Agwumezie
Michael Aaron Buck

David Young Cho

Jared Raymond Fox *
Liam Nicholas Greubel
Zhengming He
Jeffrey Neil Henderson
Yunshu Hou
Michael Huang **
Tz-Wei Hung
Henry Andrew Kutlik, II
Wang-Chui Lee
Jiajun Li

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Bachelor of Science in Electrical Engineering (continued)

Muneeb Mujahid	Kai Antonio Del Regno	Boyuan Ma
Xuan-Huong Nguyen	Neil Dhanda	Jianchong Ma ✱✱
Tal Shay Ovadia	Jerry Han Ding	Rui Ma
Sungreol Park	Kyle Justin Duan ✱✱	Joshua George Mathew
Shalinda Stefan Perera	John Abraham Mack Emerson	Victor Morales Ortega
Tyler Aaron Price ✱✱	Liam Christopher Foley	Noe Max Motamedi
Armando Samuel Rendon	Maryam Foroutantorkamani	Sunny Ng
Jason Alexander Salgado	Blake Bagnol Gella ✱✱	Kenson Tuan-Khang Nguyen
Ramtin Sharafoleslami ✱	Philip Kai Phong Giang	Nathan Xavier Pereira
Wenhui Sui ♦	Rita Gimelshein	Achintha Sudesh Poduval ✱✱
Marcell Lajos Veszpremi ✱✱	Gabriel Goch ✱✱	Zihan Qu ✱✱
Brian Hhoang Vu	Sanjeev Gottipati ✱✱	Sarah Sunrise Redden
Hao Wang	Albert He Guan	Hyejung Ro
Vaughan Andrew Zerbe ✱	Yiming Guo	Nicolas Schmidt
<u>Candidates, Spring 2023</u>	Mustafa Mohammed Ibrahim	Enlil Shalimoonsir
Aryan Agarwal ✱✱	Jack Irish ✱✱	Sophia Chengping Shen ✱✱
Jack David Amormino	Ernest Titus Kim	Jayson Shinn
Seungwoo Baek	Nathaniel William Kim	Umair Muhammad Siddique
Jorge Manuel Beltran Ocampo	Tobias Jin-Ho Kim ✱✱	Benjamin Sigal
Shreyas Keshav Bharadwaj ✱✱	Dominic J Konrad	Naisha Sinha
Aiman Bickiya	Utkarsh Kumar ✱✱	Jim Ubong Solomon
Vladimir Blas Aquino	Alexandra Y Kwon ✱✱	Ryan M Tien
Gerrick Cipriano Tatel Cardenas	Ming Fai Lai	Ameya Pradeep Tilaye
Kaeshav Chandrasekar ✱✱	Penelope Lillan Lamb	Joseph Caleb Tseng
Josiah Chang ✱✱	Blake Louis Lazarine ♦ ✱✱	Matthew Kevin Van De Mheen
Daniel Abel Chen	Ucheol Lee	Sarah Deborah Wilen ♦ ✱✱
Kangrui Chen ✱✱	Wonhee Lee	Jason Wu ✱✱
Stanley Chen	Zhijie Li	Yifeng Wu
Terry Chen	Andrey Li	Sicheng Xing
	Alex Lu ✱✱	Haoyuan Xiong

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Bachelor of Science in Electrical Engineering (continued)

Achyuta Jyothi Yadunandan

Haoxian Yan *^{*}

Sihao Yang

Larry Jasson Zavala Mendoza

Jonathon Zukowski

Candidates, Summer 2023

Eisley Visaya Agonoy

Haoran Songzi Diao

Enkh-Uchral Enkhbayar

Ivan Lorenzo Macias

David Sungjun Paek

Colin Michael Perry

Hoang Mai Diem Pham

Mohammad Sharjeel Azam Rahman

Alexis Aleksandrovich Samoylov ♦

Minh Khue Tran

Shuwang Zhang

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Bachelor of Science in Materials Engineering

Conferred, Fall 2022

Emmanuel Edem Boitey

Jannah Eltahry Elghandour

Molly Elizabeth Green

Nicholas Edward Isley

Alison Lu

Candidates, Spring 2023

Loay Nabeel M Alem

Leen Yahya A Aljefri

Kaylie M Bair

Agam B Bedi

Jacob Daniel Blum

Dylan Budi Chaidir

Austin Chen

Jessie Junting Chen *^{*}

Carlos De La Torre

Jason Takeo Kikkawa

Brian Lw King

Megan Ann Klein *^{*}

Sahith Konakalla

Jonathan J Ku

Kara Eden Levy ♦

Thai Hoa Nguyen

William Olsen

Benjamin Thanh Pham

Laurel Daphne Reidel *^{*}

Anthony Matthew Sutrisno

Hannah Victoria Wang *^{*}

Joanna Yang

Robert Chenhsiang Yang *^{*}

Candidate, Summer 2023

Dorian Pandukawan Luccioni *^{*}

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Bachelor of Science in Aerospace Engineering

Conferred, Fall 2022

Daniel Vinh Do
Sitara Gofurova
Amelia Sangalang Kinsella
Kimiko I Kodama
Mitchell Rivas
Lyubomir Petrov Shipkov **
Lindsay Michelle Stark
Tony Truong
Victor Zhang

Preston Burke
Makeila Catt
Sarah J Clapham
John Gabriel Connolly
Angel Gabriel Coronado
Anna Sofia Cosmin-Spanoche
Clara Devaux
Joshua Thomas Diaz
Sriram Kanakaraj Duraisamy
Vianey Louis Ellison
Mark Edison Ferrufino

Sarah Sijia Ni
Jared Gray Norton **
Ian Pascual
Ryan Joseph Ricupero
Zehao Rong **
Vlad Rosca
Harrison Sandstrom
Colby Frederick Schnayer
Wei Lun Tan
Lily Anna Tebb
Jonathan Tran **

Conferred, Winter 2023

Erik Juharyan ***
Avrin Readilaleh
Max Shustef
Brandon Yu

Evan J Garrison
Anais Hernandez
Ken Tyler Hollingsworth
Hoyeol Lee
Jack Hitchcock Loewer
Nathan Chunhei Luk

James Tseng **
Mohammed Ghouse Uddin
Oskari Anselmi Vakki
Eden Mae Zafran **
Jessica Zhang

Candidates, Spring 2023

Jorge Ramon Almeida
Vishal Anantharaman **
Aubrey Michael Anderson
Hunter Ray Beebe **
Thomas Lee Beres **
Maksim A Bondarenko **
Eric T Broman

Joanne Nha-Thy Luong **
Maxwell Conrad Manning
Jose Enrique Martinez
Damian Meza **
Brendan Jeremiah Morgan
Michael Leland Moyer
Gunal Napoleon

Candidates, Summer 2023

Kaleab Endalkachew Alamnew
Yasmin Dajani
Justin Jeremy Lopez
Phillip Cong-Huan Nguyen
Bradley Arron Rodriguez **

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING Bachelor of Science in Mechanical Engineering

Conferred, Fall 2022

Juan Pablo Alcazar
Manuel Arcinada Jr
Carlo Jon Berjamin
Jacob Scott Chigbrow
William Peter Rice Cox *
Brandon Vincent Dee
Olivia Phoebe Driscoll
Edgardo Guerrero Rodriguez
Zhuo Liu
Nikan M Malek
Joshua Joon Park
Alejandro Enrique Ramirez *
Paul Ramirez
Brandon Reedel *
Jonathan Jacob Sheridan
David Manaen Shippee
Justin Tang
Robert Valencia
Zachary Chu Loong Fithian Wong ◆

Conferred, Winter 2023

Spencer Kai Allen
Jared Brown
Alexander Jack Lee Butman
Dylan Scott Leong
Pascal Thomas Chua Ng
Christian Alexander Nieman *
Minh-Tam Alan Truong

Candidates, Spring 2023

Claudia Natassia Adelman
Noah William Aist **
Gabrielle Nicole Anderson
Ashton Cole Authement
Thomas Austin Avery
Dominik Elery Gribneau Bahm **
Jose Victor Joppette Sicat Barradas
Kai Rae Becraft **
Marcus Henry Belingeri
Samantha M Berman **
Ronin Neil Bhandare
Sarah Mina Bialo
Karla Edith Bonilla
Gianna Aurora Braga
Elijah Anthony Bratcher
David Joseph Bughman
Quoc Lam Mai Bui
Fernando Burciaga
Brian Keena Burrous
Marcus Alexander Calderon
Karina Renée Carranza
Amanda Michelle Cates
Maria Christina Chamieh
Jonathan Chan
Andrew Chen **
Yuxiao Chen
Cory Hook Chilton **
Juhyeong Cho

Andrew Douglas Chrissan **
Nathaniel Eun Chung
Christopher Alfred Clavelli
George Michael Colaco **
Melissa Maivy Doan
Aleksandra Anna Dudek **
Tien Long Duong
Justine Dominic Encontro
Ricardo Esquivel
Vincent Christian Ferrer
Kritin Garg
Jesus Antonio Gastelum
Andre Michael Bouffard Gaudreau
Dante Chieng-Heng Gere
Emma Le Gloyer **
Jordan Liad Golan
Manuel Arturo Gonzalez Parra **
Caedmon Anthony Gouldthorpe
Mitchel Raymond Graver **
Jacobi Gunsalus
Alex Eng Hadidi **
Blake Hanson
Sean Dieter Hartig
Michael Nuri Hazimeh
Daren T He
Yini He **
Daniel Brian Hearn
Ky Jon Heon
Kyle Christopher Ho

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Bachelor of Science in Mechanical Engineering (continued)

William Paul Hollister	He Kai Lim ✱✱	Robert Yusuf Pinkston
Kate Anne Hsieh	Sumin Lim	Daniel Joseph Possemato
Jonathan Yibin Huang	Scott Lin ✱✱	Jinkai Qiu ✱✱
Sana Iwao	Sophia Madison Manglicmot Liu	Matthew Robert Quinn
Vatsal Jain	Shushig Lokmanian ✱✱	Abinav Ramachandran Kamalakannan
Anand Janev	Kyndall Patrick Long	Ivan Rao
Seunghoon Jeong	Sofia Isabelle Lopez	Jasmine Olivia Raya Yepiz
Sumukh Johri ✱✱	Daniel Scott Lyzenga	Steven Pedro Jediah Richter
Megan Celia Jones ✱✱	Anais Reed Macko	Ryan John Rossmango ✱✱
Ronald Jose	Luke Alexander Mariak ✱✱	Eric Eduardo Saavedra Garcia
Maximilian Christ Kallas ✱✱	Samuel Eliseo Marin	Ryan John Saltzman
Jake D Nicolas Kanetis ✱✱	John McCullough	Ramon Sanchez
Cem Kansu	Shane Patrick Monney ✱✱	Vedha Sanghavi
Jeremy Walter Keast ✱✱	Lance A Moreno	Dylan Matthew Santora ✱✱
Nick Khamseh	Jack Timothy Murray ✱✱	Conor Sefkow ✱✱
Paige Kim	Luke Dakota Nataupsky	Justin Jack Shannon
Jason Kahim Kong	Philip Gee Ng	Matthew Justin Silva
Lisa Kong	Audrey Yuen Lum Ngai	Zhantao Song ✱✱
Alexander Zygmunt Kunczynski ✱✱	Henry M Nguy	Russell John Stong IV
Aaron Jefferson Kuo	Christian Nguyen	Aki Takahashi ✱✱
Jonathan George Kuriakose ✱✱	Dan Nguyen	James Taylor ✱✱
Derek Yat-Long Lam ✱✱	Feliks Vincent Jimenez Nunag	Zachery Thach
James Edward Langer Weida	Cassandra Le Oakes	Joseph Thian
Atti Wing Lau ✱✱	Zofia May Orlowski	Alyssa Li Tomkinson
Bahaa Lawrence	Arturo Oropeza	Lucas Ton
An Dinh Le	Alexander Pak ✱✱	Naveed Reza Torabzadeh ✱✱
Louis Horan Leavitt	Junha Park	Matthew Q Tritasavit
Jackson Eli LeIchuk ✱✱	Sohun Jayesh Patel ✱✱	Noah Lap Truong
Helen Li	Hiren D Patel	Ross Jacob Valantine
Yiming Li	Keroshan Thiruvasan Pillay	Tracy Chau Vu

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING Bachelor of Science in Mechanical Engineering (continued)

Kirsten Heide Wannenwetsch

Mathis Thomas Wouters

William Yi-Ming Xu *

Duoer Zhang *

Cassidy Ming Zublin *

Candidates, Summer 2023

Nok Chi Leo Chan

Rithika Simone Charles

Alexander Chen *

Anthony Jaeyoung Chung

Ryan Matthew

Michael Anatoly Mitroshin *

Mateen Ali Rabbani *

Umut Serhatkulu

Joe Shen

Thomas Taylor Souvannarath

Stanley Woo

AWARDS AND HONORS

SCHOOLWIDE AWARDS Chancellor's Service Award

Brett Jacob Saucedo, Bachelor of Science, Bioengineering, Fall 2023

Outstanding Bachelor of Science Degree Recipient

Kyle Jantan Chen, Bioengineering, Spring 2023

The Harry M. Showman Prize Recipients

Hossein Montazerian, Doctor of Philosophy, Bioengineering, Spring 2023

Sophia Chengping Shen, Bachelor of Science, Electrical Engineering, Spring 2023

The Russell R. O'Neill Distinguished Service Award Recipient

Shreesh Jayateerth Karjagi, Bachelor of Science, Bioengineering, Spring 2023

AWARDS AND HONORS (continued)

SCHOOLWIDE AWARDS (continued) Engineering Achievement Award for Student Welfare Recipients

- Yasemin Yucel Agi**, Bachelor of Science, Civil Engineering, Spring 2023
- Kaylie M Bair**, Bachelor of Science, Materials Engineering, Spring 2023
- Luke Makoto Takara Barrella**, Bachelor of Science, Civil Engineering, Spring 2023
- Soulaimane Bentaleb**, Bachelor of Science, Bioengineering, Spring 2023
- Rajashree Bhattacharya**, Doctor of Philosophy, Materials Engineering, Spring 2023
- Jaslyn Brar**, Bachelor of Science, Chemical Engineering, Spring 2023
- Gianna Denaë Brown**, Bachelor of Science, Bioengineering, Spring 2023
- Michael Aaron Buck**, Bachelor of Science, Electrical Engineering, Winter 2023
- Fabrizio Castaneda**, Bachelor of Science, Computer Engineering, Spring 2023
- Justin Chen**, Master of Science, Bioengineering, Spring 2023
- Shane Franchesco Cho**, Bachelor of Science, Computer Science, Spring 2023
- Marisol Alejandria Cira**, Doctor of Philosophy, Civil Engineering, Spring 2023
- Anna Sofia Cosmin-Spanoche**, Bachelor of Science, Aerospace Engineering, Spring 2023
- Miranda Belia Diaz-Infante**, Bachelor of Science, Bioengineering, Spring 2023
- Elsa Barland Dubil**, Bachelor of Science, Bioengineering, Spring 2023
- Aleksandra Anna Dudek**, Bachelor of Science, Mechanical Engineering, Spring 2023
- Mary Elizabeth Epperson**, Bachelor of Science, Bioengineering, Spring 2023
- Itohan Ero**, Bachelor of Science, Computer Science, Spring 2023
- Kelly Espino**, Bachelor of Science, Civil Engineering, Spring 2023
- Jacobi J Gunsalus**, Bachelor of Science, Mechanical Engineering, Spring 2023
- Alexa Haley Herbel**, Bachelor of Science, Bioengineering, Winter 2023
- Anais Hernandez**, Bachelor of Science, Aerospace Engineering, Spring 2023
- Matthew Emmanuel Hoffman**, Master of Science, Civil Engineering, Spring 2023
- Shaun William Howard**, Bachelor of Science, Civil Engineering, Winter 2023
- Tina Liu Huang**, Bachelor of Science, Computer Science, Spring 2023
- Jason Kyle Jewik**, Master of Science, Computer Science, Spring 2023
- Shreesh Jayateerth Karjagi**, Bachelor of Science, Bioengineering, Spring 2023
- Mayra Lara**, Bachelor of Science, Civil Engineering, Spring 2023
- Jacqueline Renee Lim**, Bachelor of Science, Civil Engineering, Spring 2023
- Bonnie Liu**, Bachelor of Science, Computer Science, Spring 2023
- Yili Liu**, Bachelor of Science, Computer Science, Spring 2023
- Renee Daniela Lopez**, Bachelor of Science, Civil Engineering, Summer 2023
- Jean Helder Marques Ribeiro**, Doctor of Philosophy, Aerospace Engineering, Spring 2023
- Sarah Nicolle Mauricio**, Bachelor of Science, Computer Science, Spring 2023
- Juhi Mehta**, Bachelor of Science, Bioengineering, Spring 2023
- Nadia Owen**, Bachelor of Science, Chemical Engineering, Spring 2023

SCHOOLWIDE AWARDS (continued)

Engineering Achievement Award for Student Welfare Recipients (continued)

Achintha Sudesh Poduval, Bachelor of Science, Electrical Engineering, Spring 2023

Kaitlyn Noelle Quesada, Bachelor of Science, Bioengineering, Spring 2023

Jasmine Olivia Raya Yepiz, Bachelor of Science, Mechanical Engineering, Spring 2023

Wojciech Piotr Romaszkan, Doctor of Philosophy, Electrical and Computer Engineering, Winter 2023

Matthew Esteban Ruiz, Bachelor of Science, Computer Science, Spring 2023

Eric Eduardo Saavedra Garcia, Bachelor of Science, Mechanical Engineering, Spring 2023

Swapnil Sayan Saha, Doctor of Philosophy, Electrical and Computer Engineering, Spring 2023

Bradley Schulz, Bachelor of Science, Computer Engineering, Winter 2023

Kimberly Ann Stahovich, Bachelor of Science, Bioengineering, Spring 2023

Itzhary Tamayo, Bachelor of Science, Civil Engineering, Spring 2023

Ryan M Tien, Bachelor of Science, Electrical Engineering, Spring 2023

Christina Yu Tong, Bachelor of Science, Computer Science and Engineering, Spring 2023

Hannah Victoria Wang, Bachelor of Science, Materials Engineering, Spring 2023

Katie Wu, Bachelor of Science, Bioengineering, Spring 2023

Achyuta Jyothi Yadunandan, Bachelor of Science, Electrical Engineering, Spring 2023

Hu Zhao, Master of Science, Civil Engineering, Spring 2023

Evan Zhong, Bachelor of Science, Computer Science, Spring 2023

DEPARTMENT AWARDS

Bioengineering Department

Outstanding Doctor of Philosophy Degree Recipient
Jaime de Anda Barbosa, Spring 2023

Outstanding Master of Science Degree Recipient
Justin Chen, Spring 2023

Outstanding Bachelor of Science Degree Recipient
Kyle Jantan Chen, Spring 2023

Chemical and Biomolecular Engineering Department

Outstanding Doctor of Philosophy Degree Recipient
Ibubeleye Somiari, Spring 2023

Outstanding Master of Science Degree Recipient
Annabella Budiman, Spring 2023

Outstanding Bachelor of Science Degree Recipient
James Thanh Tran, Spring 2023

AWARDS AND HONORS (continued)

Civil and Environmental Engineering Department

Outstanding Doctor of Philosophy Degree Recipient

Pia Maria Ramos, Fall 2022

Outstanding Master of Science Degree Recipient

Matthew Emmanuel Hoffman, Spring 2023

Outstanding Bachelor of Science Degree Recipient

Jonathan Wyatt Scott, Spring 2023

Computer Science Department

Outstanding Master of Science Degree Recipient

Meihua Dang, Computer Science, Spring 2023

Outstanding Bachelor of Science Degree Recipients

Jackson Anthony Dewitt, Computer Science, Spring 2023

Zifan He, Computer Science, Spring 2023

Brandon Lou, Computer Science and Engineering, Fall 2022

Outstanding Graduate Research Award Degree Recipients

Zi-Yi Dou, Computer Science

Ali Pazokitoroudi, Computer Science

Dongruo Zhou, Computer Science, Spring 2023

Departmental Scholar—Bachelor of Science, Master of Science

Jessica Ho, Computer Science, Fall 2022

Electrical and Computer Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Antonious M Girgis, Electrical and Computer Engineering, Summer 2023

Wojciech Piotr Romaszkan, Electrical and Computer Engineering, Winter 2023

Junbo Wang, Electrical and Computer Engineering, Summer 2023

Outstanding Master of Science Degree Recipient

Adnan Al Armouti, Electrical and Computer Engineering, Spring 2023

Outstanding Bachelor of Science Degree Recipients

Bradley Schulz, Computer Engineering, Winter 2023

Jason Wu, Electrical Engineering, Spring 2023

Departmental Scholars—Bachelor of Science, Master of Science

Isha Gonugunta, Computer Engineering, Summer 2023

Blake Lazarine, Electrical Engineering, Spring 2023

Wenhui Sui, Electrical Engineering, Winter 2023

Alexis Aleksandrovich Samoylov, Electrical Engineering, Summer 2023

Christina Huang Memorial Prize Degree Recipient

Isha Gonugunta, Computer Engineering, Summer 2023

Materials Science and Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Michael Evan Liao, Fall 2022

Yusen Zhao, Fall 2022

Outstanding Master of Science Degree Recipient

Vivian Chen, Spring 2023

Outstanding Bachelor of Science Degree Recipients

Jessie Junting Chen, Spring 2023

Megan Ann Klein, Spring 2023

Kara Eden Levy, Spring 2023

Dorian Pandukawan Luccioni, Summer 2023

Robert Chenhsiang Yang, Spring 2023

Departmental Scholar—Bachelor of Science, Master of Science

Kara Eden Levy, Spring 2023

Mechanical and Aerospace Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Jean Helder Marques Ribeiro, Aerospace Engineering, Spring 2023

Mostafa Abuseada, Mechanical Engineering, Fall 2022

Outstanding Master of Science Degree Recipients

Arin Hayrapetyan, Aerospace Engineering, Fall 2022

Wen-Cheng Wu, Mechanical Engineering, Spring 2023

Outstanding Bachelor of Science Degree Recipients

Jonathan Tran, Aerospace Engineering, Spring 2023

Yini He, Mechanical Engineering, Spring 2023

Departmental Scholar—Bachelor of Science, Master of Science

Zachary Chu Loong Fithian Wong, Mechanical Engineering, Fall 2022

Master of Engineering

Outstanding Master of Science in Engineering Degree Recipient

Varsha Senthil, Summer 2023

Schoolwide Master of Science in Engineering Program

Outstanding Master of Science in Engineering Degree Recipient

Sean Michael Hutchinson, Master of Science in Engineering-Mechanical, Fall 2022

UCLA Samueli

School of Engineering

Gene Block
Chancellor

Bruce Dunn
Interim Dean

Yoram Cohen
Chair of the Faculty

Richard Wesel
Associate Dean
Academic and Student Affairs

Jia-Ming Liu
Associate Dean
Academic Personnel

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

Jenn-Ming Yang
Associate Dean
International Initiatives and Online Programs

Gregory Pottie
Associate Dean
Research and Physical Resources

Jeffrey Goldman
Assistant Dean
Chief Financial Officer

Christine Wei-li Lee
Assistant Dean
Chief Marketing Communications Officer

Tessa Mazler
Assistant Dean
External Affairs

Song Li
Bioengineering
Department Chair

Panagiotis Christofides
Chemical and Biomolecular Engineering
Department Chair

Ertugrul Taciroglu
Civil and Environmental Engineering
Department Chair

Todd Millstein
Computer Science
Department Chair

CK Ken Yang
Electrical and Computer Engineering
Department Chair

Yu Huang
Materials Science and Engineering
Department Chair

Xiaolin Zhong
Mechanical and Aerospace Engineering
Department Chair

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

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

