

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

58TH COMMENCEMENT

JUNE 11-12, 2022



UCLA Samueli
School of Engineering

UCLA Samueli

School of Engineering

Gene D. Block
Chancellor

Jayathi Y. Murthy
Ronald and Valerie Sugar Dean

Yoram Cohen
Chair of the Faculty

Song Li
*Bioengineering
Department Chair*

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

Panagiotis Christofides
*Chemical and Biomolecular Engineering
Department Chair*

Jia-Ming Liu
*Associate Dean
Academic Personnel*

Ertugrul Taciroglu
*Civil and Environmental Engineering
Department Chair*

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

Eliezer Gafni
*Computer Science
Department Chair*

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

CK Ken Yang
*Electrical and Computer Engineering
Department Chair*

Bruce Dunn
*Associate Dean
Research and Physical Resources*

Yu Huang
*Materials Science and Engineering
Department Chair*

Jeffrey Goldman
*Assistant Dean
Chief Financial Officer*

Tim Fisher
*Mechanical and Aerospace Engineering
Department Chair*

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

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

Tessa Mazler
*Executive Director of Development
External Affairs*

As a land grant institution, UCLA Samueli School of Engineering acknowledges the Gabrielino/Tongva peoples as the traditional land caretakers of Tovaangar — the Los Angeles basin and southern Channel Islands.

We pay our respects to our ancestors, elders and our relatives and relations — past, present and emerging.

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



58TH COMMENCEMENT
JUNE 11-12, 2022
PAULEY PAVILION



**President
Michael V. Drake**

2022 Message to UCLA Graduates

Congratulations, UCLA Class of 2022! I am honored to join your family, friends, and the entire University of California community in celebrating you and this joyful culmination of your UC education. We are in awe of you and your accomplishments, and we recognize all the work you put in to make it to this moment.

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. This great university will always be a part of you, and UC will always be indelibly better for your time here as students.

In her lecture upon receiving the 1996 Nobel Prize in Literature, the Polish poet Wislawa Szymborska wrote, "Whatever inspiration is, it's born from a continuous 'I don't know.'" As you prepare for the next chapter in your life, may you go out into the world equipped with intellectual confidence and the tools of learning. May you take with you the seeds of curiosity and wonder that you tended here. And may you create an inspired future and a better, more equitable planet for all of us.

Your graduation is a milestone reflecting your resilience, your strength, and limitless hope. The world faces unprecedented challenges: war, racial injustice, climate change — to name a few. You are the leaders who will help heal what is wounded and right what is wrong. As you embark on this journey, know that you are ready. We're behind you as you go forth into the great unknown, claiming your places in the world.

Congratulations, Bruins. And Fiat lux — let there be light!

Michael V. Drake, M.D.
President



**Chancellor
Gene D. Block**

Congratulations, Class of 2022!

Graduation is the culmination of many years of determination and hard work. I hope you are proud of all that you have accomplished, and that your time at UCLA has broadened your horizons, deepened your relationships, strengthened your skills and helped you grow.

I also encourage you to take time to honor those who have helped you on your journey and who have been rooting for you from the start: your family members, friends and mentors.

The world today needs your creativity, brilliance and passion. This pandemic has taught us important lessons about vulnerability and inequality, but also about service, empathy and community. You are well-equipped to contribute to the creation of a more prepared, more resilient and more just society. UCLA values of integrity, compassion, curiosity, open-mindedness and excellence will serve you well at this moment and beyond.

The UCLA community you have been a part of — and the broader alumni community you are now joining — will be with you always. I hope they give you strength and inspiration in the days ahead.

Congratulations once again. We can't wait to see where you'll go from here.

Gene D. Block
Chancellor



**Dean
Jayathi Y. Murthy**

Class of 2022, on behalf of the faculty and staff of the UCLA Henry Samueli School of Engineering and Applied Science, I want to offer my warmest congratulations on your milestone accomplishment.

The incredible challenges you have overcome, the hands-on experiences you have gained and the lifelong friends you have made at UCLA will certainly shape you just as much as the knowledge you have learned and the skills you have acquired along the way.

In the face of an ongoing global pandemic, you have shown remarkable adaptability, compassion, ingenuity and resilience — all marks of your indelible character and strength as engineers and computer scientists.

Today, as you leave UCLA Samueli with a coveted degree from one of the best engineering schools on the planet, you have with you the spirit of a problem-solving Bruin engineer that will prepare you for success in all your future endeavors. You now join other proud UCLA graduates who share an unyielding commitment to improving quality of life by addressing societal challenges with integrity, creativity and equity in mind.

I cannot wait to see you thrive in your next adventure, paying it forward for those following in your footsteps and breaking barriers in the next frontiers of technological discovery and innovation. All of us in the UCLA Engineering community remain your biggest fans and will always welcome your active involvement. Go Bruins, march forward with confidence and intention as the world awaits your many contributions.

Fiat Lux,

Jayathi Murthy

Jayathi Y. Murthy

Ronald and Valerie Sugar Dean

UNDERGRADUATE PROGRAM

— JUNE 11, 2022 —

Professor Yoram Cohen

Faculty Marshal, Presiding

PROCESSIONAL

THE NATIONAL ANTHEM

Youngbo Shim

Civil Engineering

Bachelor of Science, Spring 2022

SCHOOL WELCOME

Jayathi Y. Murthy

Ronald and Valerie Sugar Dean

STUDENT SPEAKER'S MESSAGE

Nicholas Anthony Snyder

Chemical Engineering

Bachelor of Science, Spring 2022

COMMENCEMENT ADDRESS

Ronald D. Sugar

Distinguished Speaker

PRESENTATION AND CONFERRAL OF CANDIDATES BACHELOR OF SCIENCE

CLOSING REMARKS

Jayathi Y. Murthy

Ronald and Valerie Sugar Dean

RECESSIONAL

DISTINGUISHED SPEAKER



Ronald D. Sugar
Chairman (Ret.)
Northrop Grumman
Corporation

Ronald D. Sugar '68, M.S. '69, Ph.D. '71 served as Chairman of the Board and Chief Executive Officer of Northrop Grumman from

2003 until his retirement in 2010. During his tenure, Northrop Grumman grew to become one of the world's largest aerospace and defense companies, with 120,000 employees and \$35 billion in annual revenue.

Prior to joining Northrop Grumman in 2001, Sugar held senior operating, technical and financial positions at TRW Inc. and Litton Industries.

He is currently a director of Apple Inc., Chevron Corporation and Amgen Inc., and chairman of Uber Technologies. He also serves as senior advisor to Ares Management LLC, Bain & Co. and Singapore's Temasek Investment Company.

He is a trustee of the University of Southern California, where he also holds the Judge Widney Chair as Professor of Management and Technology, a member of the UCLA Anderson School of Management board of advisors, and director of the Los Angeles Philharmonic Association.

He is past chairman of the Aerospace Industries Association, a member of the National Academy of Engineering, and a fellow of both the American Institute of Aeronautics and Astronautics and the Royal Aeronautical Society. He was previously appointed by the president of the United States to the National Security Telecommunications Advisory Committee.

As a triple Bruin, including graduating summa cum laude with a bachelor's degree in electrical engineering, Sugar was honored as UCLA Engineering's Alumnus of the Year in 1996.

STUDENT SPEAKER



Nicholas Snyder
Chemical Engineering
Bachelor of Science, Spring 2022

Nicholas Snyder is graduating with his B.S. in chemical engineering in Spring 2022. His interest in chemistry and sustainability led him to join Professor Carlos Morales-Guio's

electrocatalysis laboratory at UCLA, where he assisted with carbon dioxide reduction experiments and conducted research on electrochemical phosphate recovery from wastewater.

In the fall, he will be studying at the Swiss Federal Institute of Technology in Lausanne, Switzerland, to obtain his M.S. in energy science and technology before returning to the U.S. to get his Ph.D. in chemical engineering from Stanford University, where he has currently deferred for two years.

Snyder plans to continue researching sustainable applications of electrochemistry with the ultimate goal of becoming a university professor or staff scientist at a national laboratory.

NATIONAL ANTHEM PERFORMER



Youngbo Shim
Civil Engineering
Bachelor of Science, Spring 2022

Youngbo Shim will be graduating this spring with a B.S. in civil engineering. He will be pursuing an M.S. in civil and environmental engineering at UC Berkeley, with a concentration in energy, civil

infrastructure and climate. He has been an active member of the UCLA chapter of the American Society of Civil Engineers (ASCE), where he has led its Sustainable Construction Building Team to a second-place national finish.

He also co-managed the chapter's Sustainable Solutions Team to a first-place regional finish in the 2022 ASCE Tiny House Challenge, which qualified the team for the association's national convention. Outside of his academic pursuits, Shim has been a trumpet performer in the UCLA Marching Band for four years.

GRADUATE PROGRAM

— JUNE 12, 2022 —

Professor Yoram Cohen

Faculty Marshal, Presiding

PROCESSIONAL

THE NATIONAL ANTHEM

Chauncey Arturo Isom

English

Bachelor of Arts, 1987

SCHOOL WELCOME

Jayathi Y. Murthy

Ronald and Valerie Sugar Dean

STUDENT SPEAKER'S MESSAGE

Sandeep Singh Sandha

Computer Science

Doctor of Philosophy, Summer 2022

PRESENTATION AND CONFERRAL

OF THE HOODS

DOCTOR OF PHILOSOPHY

COMMENCEMENT ADDRESS

Jonathan Arenberg

Distinguished Speaker

PRESENTATION AND CONFERRAL

OF CANDIDATES

MASTER OF SCIENCE

MASTER OF ENGINEERING

CLOSING REMARKS

Jayathi Y. Murthy

Ronald and Valerie Sugar Dean

RECESSIONAL

DISTINGUISHED SPEAKER



Jonathan Arenberg
*Chief Mission Architect for
Science and Robotic Exploration
Northrop Grumman Corporation*

Jonathan Arenberg '83, M.S. '85, Ph.D. '87 is the Chief Mission Architect for Science and Robotic Exploration at Northrop

Grumman, one of industry's leading companies and where Arenberg has worked for more than 30 years.

A triple Bruin, Arenberg received his bachelor's degree in physics and originally planned on pursuing a doctorate in the same field before discovering a passion for engineering while interning at Hughes Aircraft. He then went on to receive both his master's and doctoral degrees in engineering at UCLA.

Arenberg has played a key role in a number of high-energy laser and space science missions, including the Chandra X-ray Observatory, Airborne Laser and Starshade. He was the chief engineer of the James Webb Space Telescope, the most powerful telescope ever built, which was successfully launched into space in December 2021. His current role focuses on the development of new technologies and mission concepts.

Having contributed to more than 200 conference presentations and publications, Arenberg is a frequent speaker, dedicated mentor and an SPIE Fellow of the international nonprofit society for optics and photonics technology. He holds more than a dozen U.S. and international patents in a variety of technologies.

In 2020, Arenberg received UCLA Samueli's Professional Achievement Award in recognition of his outstanding contributions to the aerospace industry and commitment to sharing his passion for STEM with fellow Bruins and others in the field.

STUDENT SPEAKER



Sandeep Singh Sandha

*Computer Science
Doctor of Philosophy
Candidate, Summer 2022*

Sandeep Singh Sandha is a Ph.D. candidate in the Department of Computer Science at UCLA. He has a B.S. from the Indian Institute of Technology Roorkee and an M.S. from UCLA. After finishing his Ph.D. this summer, he will be joining Amazon to work as an applied scientist on Alexa. His research is focused on creating uncertainties-aware machine learning systems, and he has collaborated extensively with industry giants, including IBM Research, ARM Research, Amazon and Teradata.

While at UCLA, he has served as the president of the Computer Science Graduate Student Association for four years, coordinating more than 100 social events for the graduate student community. He has also served as the coordinator of UCLA's free STEM program for high school students from underrepresented communities for the past four years. In 2021, he was awarded the outstanding mentorship award by the Computer Science Department.

NATIONAL ANTHEM PERFORMER



Chauncey Arturo

Isom
*English
Bachelor of Arts, 1987*

For 20 years, Chauncey Arturo Isom worked as UCLA Samueli's senior undergraduate academic counselor for civil engineering and materials engineering in the Office of Academic and Student Affairs.

Isom began singing in church as a child and continues his passion for music.

ABOUT UCLA SAMUELI

The UCLA Henry Samueli School of Engineering and Applied Science has more than 6,500 undergraduate and graduate students, 193 full-time faculty members and 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 to concrete. Since October 2021, two new hubs have been launched in collaborations with UCLA Samueli that made UCLA the first public university selected for such establishments — the UCLA 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 up to 7,000 students and recruit additional professors for a roster of 250. 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 for veterans 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 2021

Chih-Chiang Chang

Multiscale Imaging and Machine-Learning Approaches to Investigate Cardiovascular and Metabolic Diseases

ADVISOR: Tzung Hsiai, MD

Pei-Shan Chung

Ultra-stretchable Electronic Rubber Band for Electrical Stimulation, Electromyography and Gastrointestinal Motility Monitoring

ADVISOR: Pei-Yu Chiou

Eric Andrew Johnson

Cardiac Magnetic Resonance Imaging-Guided Therapies for Chronic Hemorrhagic Myocardial Infarction

ADVISOR: Holden Wu

Giovanni Quinones Quinones Valdez

Function and Regulation of Nucleotide Variants in RNA

ADVISOR: Xinshu Xiao

Conferred, Winter 2022

Xingmin Guan

Noninvasive Imaging of Hemorrhagic Myocardial Infarction with Confounder-Corrected T2 Cardiac MRI*

ADVISOR: Rohan Dharmakumar

Alberto Libanori

Soft Bioelectronics for Self-Powered Neural Tissue Engineering

ADVISOR: Jun Chen

Joseph Park

Biomechanics of Optic Nerve Tethering in Adduction

ADVISOR: Tzung Hsiai, MD

Tianran Zhang

Towards More Generalizable Machine Learning: Improving Model Robustness Against Clinical Event Sequence Shifts

ADVISORS: Alex Bui and William Hsu

Nicole (Hanyue) Zhou

Medical Note and Image Processing with Physical Models and Deep Learning Techniques

ADVISOR: Dan Ruan

Candidates, Spring 2022

Pei Han

Development of MRI Techniques for Tissue Characterization Using Magnetic Resonance Multitasking

ADVISOR: Debiao Li

Zhehao Hu

Advanced Magnetic Resonance Vascular Imaging: Technical Development and Application

ADVISORS: Debiao Li and Zhaoyang Fan

Joshua James Karam

Development of Injectable, Hyaluronic Acid Based Biomaterials

ADVISOR: Song Li

Jesse Liang

Matrix Mimetic Hydrogels for High-Throughput Screening

ADVISOR: Stephanie Seidlits

Thang Le Nguyen

Measuring Cellular Mechanics with Quantitative Phase Microscopy

ADVISOR: Michael S. Teitell, MD

Yudi Sang

Deformable Image Registration with Learning

ADVISOR: Dan Ruan

Mark Van Zee

Lab-on-a-Particle Technologies to Democratize the Development of Monoclonal Antibody Therapies

ADVISOR: Dino Di Carlo

Yushan Wang

Novel Techniques for Neuromodulation and Neural Signal Analysis

ADVISOR: Wentai Liu

Candidates, Summer 2022

Amy Lauren Cummings

Integrating Multimodal Data for Personalized Models of Cancer

ADVISOR: Alex Bui

Yi Luo

Label-Free Bio-Aerosol Detection Using Lens-less Microscopy

ADVISOR: Aydogan Ozcan

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Doctor of Philosophy in Chemical Engineering

Conferred, Fall 2021

Robert Dimatteo

Democratized Microdroplet Technologies for the Analysis of Single Immune Cell Secretions

Conferred, Winter 2022

Abdulaziz Mohammed A Alamer

CO₂ Conversion to Value-Added Chemicals: Thermodynamic and Indium-Based Catalysts Studies
ADVISOR: Vasilios Manousiouthakis

Masih Jorat

Sustainability over Sets
ADVISOR: Vasilios Manousiouthakis

Sohyung Lee

Microfabrication of Three-Dimensional Complex Structures for Biomedical Applications
ADVISOR: Dino DiCarlo

Candidates, Spring 2022

Adrian Acosta

Engineering of FeGa and HfO₂ Interfaces for Magnetoelectric Applications
ADVISOR: Jane Chang

Laurence Chen

Outsmarting and Outmuscling Cancer Cells for Next-Generation CAR-T Cell Therapies
ADVISOR: Yvonne Chen

Siyao (Scarlett) Chen

A Machine Learning-Based Approach to Cybersecurity and Safety of Model Predictive Control Systems
ADVISOR: Panagiotis Christofides

Yian Chen

Performance Tuning of Responsive Polymeric Ultrafiltration and Reverse Osmosis Membranes via Surface Nano-structuring with Tethered Poly(acrylic acid) Chains
ADVISOR: Yoram Cohen

Alexis Kyle Fortini

Ion Transport in Lithium-Ion Batteries with Heterogeneous Electrolyte Systems
ADVISOR: Yunfeng Lu

Defu Li

n/a
ADVISOR: Samanvaya Srivastava

Eric Tung Hua Lin

Zn Site Requirements for Conversion of Oxygenates on Zn-Exchanged BEA Zeolites
ADVISOR: Dante Simonetti

Yi Ming Ren

Machine Learning Modeling with Application to Laser Powder Bed Fusion Additive Manufacturing Process
ADVISOR: Panagiotis Christofides

Yenwen Tseng

Electrochemically Enhanced Amine Regeneration Process for Next Generation Carbon Dioxide Capture
ADVISOR: Dante Simonetti

Danielle Ashley Yee

n/a
ADVISOR: Yi Tang

Candidates, Summer 2022

George Xu Yan

Theoretical Modeling of Metal Oxide-Supported Single Atom Catalysts Under Reactive Gas Environments
ADVISOR: Philippe Sautet

Zhengrong Zheng

Amplification-Free Detection of 16S rRNA for Next Generation Point of Care Diagnostics
ADVISOR: Harold Monbouquette

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING Doctor of Philosophy in Civil Engineering

Conferred, Fall 2021

Tien-Shu Chang

*Freeze-Thaw Damage of Hybrid Fiber-Reinforced Concrete
Containing Microencapsulated Phase Change Material*

ADVISOR: Jiann-Wen Ju

Honglan Huang

*Machine Learning-Based Decision Support to Enhance the
Seismic Resilience of Distributed Infrastructure*

ADVISOR: Henry Burton

Han Liu

*Accelerated Design of Disordered Materials by
Computational Simulation and Machine Learning*

ADVISOR: Mathieu Bauchy

Yang Yang

*Calibrated Fragility Functions for Seismic Loading of
Sacramento-San Joaquin River Delta Levees*

ADVISOR: Scott Brandenburg

Haowen Yue

*Evaluation of Short-Range and Medium-Range Precipitation Forecasts
Using Remote-Sensing Data*

ADVISOR: Mekonnen Gebremichael

Conferred, Winter 2022

Arpita Iddya

Facilitating Interfacial Processes for Specific Ion/Molecule Recovery

ADVISOR: David Jassby

Candidates, Spring 2022

Annesh Borthakur

*Design of Regenerative Stormwater Biofilters for Long Term Removal
of Legacy and Emerging Pollutants*

ADVISOR: Sanjay Mohanty

Victor Alejandro Contreras

*Characteristics of Subduction Zone Ground Motions with an
Emphasis on Latin America*

ADVISOR: Jonathan P. Stewart

Kayden Haleakala

*Hydrological Underpinnings of Mountain Snowpack Responses to
Warming Storms*

ADVISOR: Mekonnen Gebremichael

Bongyeon Jung

*Optimization and Improvement of Pressure-Driven Membrane
Performance for Desalinated Water Production*

ADVISOR: David Jassby

Vera Smirnova Koutnik

*Microplastic Accumulation and Transport in the Subsurface
Under Weathering Cycles*

ADVISOR: Sanjay Mohanty

Yufei Liu

*Assessing Seasonal Snowpack Distribution and Snow Storage
over High Mountain Asia*

ADVISOR: Steven Margulis

Shengcun Ma

Electrochemical Detection and Removal of Heavy Metals in Water

ADVISOR: David Jassby

Renan Lucas Valenca

Resilience of Stormwater Treatment Systems Under Changing Climates

ADVISOR: Sanjay Mohanty

Kimberly Wang

*Changes in Hydrologic Extremes: Impacts of Nonstationarity on
Water Resource Management*

ADVISOR: Dennis Lettenmaier

Candidate, Summer 2022

Zhe Wang

Physics- and Data-Driven Modeling of Silicate Glasses

ADVISOR: Mathieu Bauchy

DEPARTMENT OF COMPUTER SCIENCE

Doctor of Philosophy in Computer Science

Conferred, Fall 2021

Wasi Uddin Ahmad

*Cross-lingual Representation Learning for
Natural Language Processing*

ADVISOR: Kai-Wei Chang

Xuelu Chen

*Representation Learning Based Query Answering on
Knowledge Graphs*

ADVISORS: Carlo Zaniolo and Yizhou Sun

Lisa Gai

*Computational Methods for Disease Diagnosis and
Understanding the Genetics of Complex Traits*

ADVISOR: Eleazar Eskin

Tong He

Deep 3D Embodied Visual Recognition

ADVISOR: Stefano Soatto

Yuan He

Topological Characterization of Distributed Computability

ADVISOR: Eliezer Gafni

Brian Lawrence Hill

*Computational Methods for the Imputation and Prediction of
Digital Health Data*

ADVISOR: Eran Halperin

Aayush Jain

Indistinguishability Obfuscation from Well-Studied Assumptions

ADVISOR: Amit Sahai

Trent M Kyono

Towards Causally-Aware Machine Learning

ADVISOR: Mihaela van der Schaar

Zeyu Li

Improving Recommender Systems via Multimodal Information

ADVISOR: Wei Wang

Xuanqing Liu

Building Trustworthy Machine Learning Models

ADVISOR: Cho-Jui Hsieh

Nathan Manohar

*High Precision Bootstrapping of Approximate
Homomorphic Encryption*

ADVISOR: Amit Sahai

Alana Morgan Ramjit

*Bridging the Gap Between Application Logic and
Auto-Optimization in Modern Data Analytics*

ADVISORS: Ravi Netravali and Todd Millstein

Jieyu Zhao

*Building Accountable Natural Language Processing Models:
On Social Bias Detection and Mitigation*

ADVISOR: Kai-Wei Chang

Conferred, Winter 2022

Manoj Reddy Dareddy

Emerging Paradigms for Privacy Preserving Recommender Systems

ADVISOR: Junghoo Cho

Migyeong Gwak

*Internet of Things (IoT)-Enabled Health Monitoring Systems:
Implementation and Validation*

ADVISOR: Majid Sarrafzadeh

Shaghayegh Mardani

*Bridging the Performance Gap Between Mobile Applications and
Mobile Web Pages*

ADVISOR: Ravi Netravali

Luyao Yuan

Communicative Learning: A Unified Learning Formalism

ADVISOR: Song Chun Zhu

Candidates, Spring 2022

Xinzhu Bei

Learning Task-Sufficient Representation of Video Dynamics

ADVISOR: Stefano Soatto

Zhaoxing Bu

Hybrid Heuristic Algorithms For Single-Agent Planning and Search

ADVISOR: Richard Korf

YooJung Choi

Probabilistic Reasoning for Robust and Fair Decision Making

ADVISOR: Guy Van den Broeck

Rex David Fernando

*Round-Optimal Concurrent, Reusable Secure Multi-party
Computation Without Setup*

ADVISOR: Amit Sahai

Siva Kesava Reddy Kakarla

Formal Methods for a Robust Domain Name System

ADVISORS: Todd Millstein and George Varghese

Nathan LaPierre

*Methods for Refining Genetic Association and
Causal Effect Estimates*

ADVISOR: Eleazar Eskin

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF COMPUTER SCIENCE

Doctor of Philosophy in Computer Science (continued)

Qianru Li

*Mobility Support for 5G and Beyond:
New Challenges and Novel Solutions*

ADVISOR: Songwu Lu

Arthi Padmanabhan

Making Video Analytics Applications Efficient and Affordable

ADVISORS: Harry Xu and Ravi Netravali

Md Rizwan Parvez

Learning Through Auxiliary Supervision for Multi-modal Low-Resource

Natural Language Processing

ADVISOR: Kai-Wei Chang

Zhaowei Tan

System Security in 5G/4G/xG Mobile Networks:

New Attacks and Countermeasures

ADVISOR: Songwu Lu

Jia Shen Teoh

Automated Performance and Correctness Debugging for

Big Data Analytics

ADVISOR: Miryung Kim

John Vincent Thorpe

Affordable, Scalable, and Efficient Deep Learning Systems

ADVISOR: Harry Xu

Justin Wood

Knowledge Discovery from Biomedical and Scientific Text

ADVISOR: Wei Wang

Difan Zou

Understanding the Role of Optimization Algorithms in

Learning Over-parameterized Models

ADVISOR: Quanquan Gu

Candidates, Summer 2022

Vidushi Dadu

Generalizing Programmable Accelerators for Irregularity

ADVISOR: Tony Nowatzki

Sandeep Singh Sandha

Learning-Enabled Cyber-Physical Systems: Challenges and Strategies

ADVISOR: Mani Srivastava

Chi Zhang

A Unified Framework for Concept Learning from Few Examples:

Raven's Progressive Matrices, Number Sense, and Odd-One-Out

ADVISOR: Song-Chun Zhu

Zhehui Zhang

Preventing and Mitigating Failures in Mobile Networks

ADVISOR: Songwu Lu

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical Engineering

Conferred, Fall 2021

Sundara Rajan Srinivasavaradhan

Statistical Inference Applications in Bioinformatics and Epidemiology

ADVISOR: Christina Fragouli

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical and Computer Engineering

Conferred, Fall 2021

Shi Bu

*Programmable, High-Dynamic-Range Receiver Front-Ends
Using Periodically Time-Varying Circuits*

ADVISOR: Sudhakar Pamarti

Ting-Yuan Chang

Hybrid III-V Semiconductor Nanowires on Silicon

ADVISOR: Diana L. Huffaker

Goutham Ezhilarasu

*Flexible, Heterogeneously Integrated MicroLED Displays in
Elastomeric Substrates Using Fan-Out Wafer-Level Packaging*

ADVISOR: Subramanian Iyer

Samer Sarwat Nageeb Hanna

*UAV Swarm Enabled Communications: System Design for
Spectrum and Energy Efficiency with Security Considerations*

ADVISOR: Danijela Cabric

Albert Lee

Next-Generation AI: From Algorithm to Device Perspectives

ADVISOR: Kang Wang

Onur Memioglu

A 300-GHz 52-mW CMOS Receiver with On-Chip LO Generation

ADVISOR: Behzad Razavi

Saptadeep Pal

Scale-Out Packageless Processing

ADVISORS: Puneet Gupta and Subramanian S. Iyer

Parthe Pandit

*Exact Analysis of Inverse Problems in High Dimensions with
Applications to Machine Learning*

ADVISOR: Alyson K. Fletcher

Zhuyun Xiao

*Strain-Mediated Multiferroics Heterostructures for
Life Science Applications*

ADVISOR: Robert Candler

Siyi Yang

*Application-Driven Coding Techniques:
From Cloud Storage to Quantum Communications*

ADVISOR: Lara Dolecek

Gary Joseph Yeung

*Speech Normalization and Data Augmentation Techniques
Based on Acoustical and Physiological Constraints and
Their Applications to Child Speech Recognition*

ADVISOR: Abeer Alwan

Peng Zhang

*Understanding and Manipulation of Emerging Quantum Phases in
Topological Insulators*

ADVISOR: Kang Wang

Conferred, Winter 2022

Amber Afshan

*Speaking Style Variability in Speaker Discrimination by
Humans and Machines*

ADVISOR: Abeer Alwan

Christopher Inhwan Baek

*Automated Computation of Hemodynamic Metrics Based on
Non-invasive Electrophysiological and Biomechanical Features*

ADVISOR: William Kaiser

Tsang-Kai Chang

Robotic Spatial Autonomy: Multirobot Localization and Online SLAM

ADVISOR: Ankur Mehta

Wuran Gao

*Tackling Measurement Uncertainties in Field-Effect
Transistor-Based Biosensors*

ADVISOR: Wentai Liu

Rulin Huang

Spread Spectrum Based Digital-Intensive CMOS Radar System

ADVISOR: M.C. Frank Chang

Yuan Liang

User-Centered Deep Learning for Medical Image Analysis

ADVISOR: Lei He

Hao Liu

*Frequency Comb Generation in Dispersion Engineered Si₃N₄
Microresonators and Their Applications*

ADVISOR: Chee Wei Wong

Qiujing Lu

*Real-World High-Dimensional Data with Multimodal Distributions:
Mode Discovery and Mode-Preserving Generative Models*

ADVISOR: Vwani Roychowdhury

Sumeet Singh Nagi

*Efficient, Scalable and High-Throughput Runtime Reconfigurable
Arrays for Accelerator as a Service*

ADVISOR: Dejan Markovic

Liang Qiu

*Conversational Modeling with Human Values, Social Relations,
Mental States, and Structure Learning*

ADVISOR: Achuta Kadambi

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical and Computer Engineering (continued)

Uneeb Yaqub Rathore

*Flexibility, Scalability, and Efficiency in Next-Generation
Digital Signal Processors*
ADVISOR: Dejan Markovic

Shadi Shahsavari

*Automated Conspiracy Theory Detection and
Narrative Consensus Tracking in Social Media*
ADVISOR: Vwani Roychowdhury

Candidates, Spring 2022

Tzanis Anevlavis

*A Mithrilian Approach to Safety and Robustness of
Autonomous Cyber-Physical Systems*
ADVISOR: Paulo Tabuada

Hao-Yuan Chang

Unitary Neural Networks
ADVISOR: Kang Wang

Kai-Chi Chang

*High-Dimensional Quantum Information Processing with
Time-Frequency Qudits*
ADVISOR: Chee Wei Wong

Xicheng Duan

*Design and Optimization of Stacked Nanosheet FET and FinHBT for
Ultra-Scaled SoC*
ADVISOR: M.C. Frank Chang

Lucas Martin Fraile Vazquez

*Data-Driven Stabilization of Unknown Feedback-Linearizable and
Partially Feedback-Linearizable Systems*
ADVISOR: Paulo Tabuada

Jeya Vikranth Jeyakumar

Robust and Interpretable Predictions for Multimodal Sensor Systems
ADVISOR: Mani Srivastava

Xin Jiang

*Primal-Dual Proximal Optimization Algorithms with
Bregman Divergences*
ADVISOR: Lieven Vandenbergh

Shuyu Lin

*Ubiquitous Non- and Minimally-Invasive Biosensing Technologies for
Personalized and Precision Medicine*
ADVISOR: Sam Emaminejad

Ping-Keng Lu

*Telecommunication-Compatible, Plasmonics-Enabled Terahertz
Sources and Detectors Without
Short-Carrier-Lifetime Photoconductors*
ADVISOR: Mona Jarrahi

Kevin Luong

Spin Dynamics for Radio Frequency Applications
ADVISOR: Yuanxun Ethan Wang

Quanjun Pan

*Magneto-Optical Investigation of Spintronic Materials for
Ultrafast, Energy-Efficient Magnetization Switching*
ADVISOR: Kang Wang

Anastasios Papathanasopoulos

*3D-Printed Lenses, Flat-Layered Meta-Lenses, and Transmitarrays for
Next-Generation Spaceborne Applications and
Orbital Angular Momentum Beams*
ADVISOR: Yahya Rahmat-Samii

Weikang Qiao

Customized Computing: Acceleration of Big-Data Applications
ADVISORS: M.C. Frank Chang and Jason Cong

Sam Razavian

*Efficient Terahertz Transmitters and Receivers in Silicon for
Broadband Sensing and High-Speed Wireless Communication*
ADVISOR: Aydin Babakhani

Mojtaba Sahraee Ardakan

Estimation and Inference in High-Dimensional Models
ADVISOR: Alyson Fletcher

Alimzhan Sultangazin

*Privacy in Control over the Cloud and Learning Control from
Expert Demonstrations*
ADVISOR: Paulo Tabuada

Uros Topalovic

*A Wearable Platform for Decoding Single-Neuron and
Local Field Potential Activity in Freely-Moving Humans*
ADVISOR: Dejan Markovic

Arash Vahabpour

Self-Organizing Generative Models for Diverse Imitation Learning
ADVISOR: Vwani Roychowdhury

Eric Welch

Nonlinear Propagation of Terawatt Long-Wave Infrared Radiation in Air
ADVISOR: Chand Joshi

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical and Computer Engineering (continued)

Chen Wu

*Software and Hardware Co-optimization for
Deep Learning Algorithms on FPGA*
ADVISOR: Lei He

Hengjie Yang

*Efficient Reliable Communication in the Short Blocklength Regime
Through List Decoding and Through Feedback*
ADVISOR: Richard D. Wesel

Candidates, Summer 2022

Melikasadat Emami

Asymptotics of Learning in Neural Networks
ADVISOR: Alyson Fletcher

Maziar Hedayati

Design of RF and Microwave Parametric Components
ADVISOR: Yuanxun Ethan Wang

Ken-Fu Liang

Simulation of Brain-Machine Interfaces
ADVISOR: Jonathan C. Kao

Tairan Liu

Deep Learning on Microscopy Imaging
ADVISOR: Aydogan Ozcan

Steven Moran

*Analog In-Memory Multiply-and-Accumulate Engine Fabricated in
22nm FDSOI Technology*
ADVISOR: Subramanian Iyer

Mohammadali Panahi

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

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Doctor of Philosophy in Materials Science and Engineering

Conferred, Fall 2021

Nelson Ndukwe Akwari

*Environmental Effects on a Protective Coating used
to Mitigate Composite Degradation*
ADVISOR: Jenn-Ming Yang

Mutian Hua

*Hierarchically Structured Hydrogels with High Strength,
Toughness and Fatigue Resistance*
ADVISOR: Ximin He

Tianyi Huang

*Towards High-Performance Tandem Photovoltaics Based on
Metal Halide Perovskites*
ADVISOR: Yang Yang

Yao Yang

*Atomic Electron Tomography and its Applications in Measuring
Disorderliness of Nanomaterials in 3D and 4D*
ADVISORS: Yu Huang and Jianwei Miao

Yepin Zhao

*Towards High-Efficiency and Stable Metal Halide Perovskite
Solar Cells: From Interior to Exterior*
ADVISOR: Yang Yang

Conferred, Winter 2022

Danielle Butts

Next-Generation Electrode Materials for Na- and Li-Ion Batteries
ADVISOR: Bruce Dunn

Candidates, Spring 2022

Shan Huang

*Use of Dynamic Optical Contrast Imaging (DOCI) for
Head & Neck Surgical Applications*
ADVISOR: Maie St. John

Zihang Peng

*Dielectric Elastomer Based Devices: Compliant Electrodes and
Dielectric Elastomers Materials Improvements*
ADVISOR: Qibing Pei

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Doctor of Philosophy in Materials Science and Engineering (continued)

Xia Sang

Plasma-Thermal Atomic Layer Etching of Metals

ADVISOR: Jane P. Chang

Shaun Qi En Tan

Surface, Interface, and Defect Dynamics of Metal Halide Perovskites

ADVISOR: Yang Yang

Yekan Wang

Selective Area P-Type Doping in Gallium Nitride Using

Ion Implantation for High Power Applications

ADVISOR: Mark Goorsky

Xuanyi Wu

Non-destructive Micro-spectroscopic Analysis of Biomolecules in

Keratinous Systems for Interdisciplinary Materials,

Biological and Archaeological Research

ADVISOR: Ioanna Kakoulli

Christopher Yeung

Deep Learning for the Design and Characterization of

Photonic Materials and Structures

ADVISOR: Aaswath P. Raman

Candidates, Summer 2022

Edgar Olivera

ADVISOR: S. Tolbert

Grace Whang

Electrochemical Insights on Materials for

Next Generation Batteries

ADVISOR: Bruce Dunn

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Doctor of Philosophy in Aerospace Engineering

Conferred, Fall 2021

Alan Marquez-Razon

Particle Grid Hybrid Methods for Multi-Material Dynamics

ADVISORS: Jeff Eldredge and Joseph M. Teran

Stephen Anthony Samples

Miniature Ion Thruster Characterization via Discharge Plasma,

Plume, and Mission Analyses

ADVISOR: Richard Wirz

Conferred, Winter 2022

Michael Guevara De Jesus

Strain-Mediated Magnetolectric Composites for

Cell Sorting and Memory Devices

ADVISORS: Greg Carman and Christopher Lynch

Candidates, Spring 2022

Dylan Dickstein

Reticulated Foam Materials for the Evaporative Cooling of

Hypersonic Vehicles & for Control of Secondary Electron Emission in

Space Electric Propulsion

ADVISOR: Nasr Ghoniem

Anirudh Thuppul

Lifetime Concepts for Electric Propulsion and

Plasma-Facing Components

ADVISOR: Richard Wirz

Nolan Michael Uchizono

Secondary Species Emission and Behavior for Electropray Thrusters

ADVISOR: Richard Wirz

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Doctor of Philosophy in Mechanical Engineering

Conferred, Fall 2021

Yiqin Liu

Mechanisms of Nonlinear Oscillations in Biological Control System for Locomotion

ADVISOR: Tetsuya Iwasaki

John Austin Nance

Low-Energy Control of Magnetization Dynamics for Magnetic Computing

ADVISOR: Greg P. Carman

Shahin Rouhani

Optimal Dynamic Inversion: Towards Safety, Reliability and Performance with Application to the Active Magnetic Bearing System

ADVISOR: Tsu Chin-Tsao

Zhenyu She

Roles Played by Heater Size, Contact Angle, Surrounding Vessel Size, and Surface Structure During Pool Boiling on Horizontal Surfaces

ADVISOR: Vijay Dhir

Paymon Shirazi

Magnetostrictive Ferri & Antiferromagnetic Thin Films for Multiferroic Applications

ADVISOR: Greg Carman

Turan Eylul Simsek

Radiation Transfer Through Droplet-Covered Substrates: Simulations, Experiments, and Applications

ADVISOR: Laurent P. Pilon

Castano Sara Vallejo

Demonstration and Up-Scaling of a Calcination-Free Calcium Hydroxide Production Route from Steel Slag by Aqueous Precipitation

ADVISORS: Laurent P. Pilon and Gaurav N. Sant

Xiaoyu Wang

Eye Gaze-Based Approaches to Recognize Human Intent for Shared Autonomy Control of Robot Manipulators

ADVISOR: Veronica Santos

Qi Wu

Multimodal Communication for Embodied Human-Robot Interaction with Natural Gestures

ADVISORS: M. Khalid Jawed and Jungseock Joo

Conferred, Winter 2022

Yijun Ge

Multi-carrier Coupling and Hot Carrier Dynamics at Interfaces and Surfaces

ADVISOR: Tim Fisher

Arian Ghazari

The Influence of High-Temperature Plasticity on the Thermomechanical Behavior of Structural Materials in Power Conversion Systems

ADVISOR: Nasr Ghoniem

Alireza Haji Fathaliyan

Data-Driven Approaches to Enhance the Human Experience in Human-Robot Systems: Leveraging Eye Gaze for Intention Recognition and Trust Calibration

ADVISOR: Veronica Santos

Yu-Ching Hsiao

Magnetolectric Devices and Multiscale Modeling

ADVISORS: Christopher Lynch and Greg Carman

Shengxin Jia

Haptic Exploration, and Map Rendering for Robots that Operate Within Granular Materials

ADVISOR: Veronica Santos

Akshay Bharadwaj Krishna

Techoeconomic Optimization and Thermohydraulic Characterization of Superalloy Supercritical CO₂ Microtube Shell-and-Tube Heat Exchangers

ADVISOR: Tim Fisher

Mathieu Jacques Philippe Le Provost

Flow Estimation with Point Vortex Models

ADVISOR: Jeff Eldredge

Dhruva Sean Nathan

A Silicon-Based Self-Programming Synaptic Resistor Network for Neuromorphic Computing

ADVISOR: Yong Chen

Haoran Wang

Automation in Dental and Eye Surgery

ADVISOR: Jacob Rosen

Pengkang Yu

An Over-Actuated Multi-Rotor Aerial Platform and Iterative Learning Control Applications

ADVISOR: Tsu-Chin Tsao

DOCTOR OF PHILOSOPHY (continued)

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

Qianran Yu

Modeling the Mechanical Behavior and Microstructure Evolutions of Irradiated Nuclear Materials Using the Coupled Kinetic Rate Theory and Continuum Crystal Plasticity Method

ADVISOR: Jaime Marian

Mahsa Zakeri

Nonreciprocal Parametric Amplification of Elastic Waves Applications in RF Front Ends

ADVISORS: Greg Carman and Christopher Lynch

Candidates, Spring 2022

Leonardo Araque

Elastic Waves from Localized Sources with Applications to Nondestructive Evaluation (NDE) of Composite Aerospace Structures

ADVISOR: Ajit Mal

Yayun Du

Dynamic Modeling of Untethered Soft Flagellated Locomotion in Viscous Fluids

ADVISOR: M. Khalid Jawed

Anil Pradeep Nair

High-Speed Optical Diagnostics for Rotating Detonation Rocket Engine Analysis

ADVISOR: Mitchell Spearrin

Ning Yu

Plastron State and Drag Reduction of High-Performance Superhydrophobic (SHPo) Surfaces in High-Speed Turbulent Flows on Open Water

ADVISOR: Chang-Jin "CJ" Kim

Candidates, Summer 2022

Peter Walker Ferguson

Dual Reconfigurable Exoskeleton Hand System with Opposable Thumbs

ADVISOR: Jacob Rosen

Kenneth Gutierrez

Model-Free Approaches to Robotic Manipulation via Tactile Perception and Tension-Driven Control

ADVISOR: Veronica Santos

Ryan Hansen Lee

Mechanical Neural Networks

ADVISOR: Jonathan Hopkins

Eric Richard Peltola

Artificial Tactile Sensing and Human Hand Pose Estimation in Harsh Environments

ADVISOR: Veronica Santos

Wenzhong Yan

Printable Mechanical Autonomy

ADVISOR: Jonathan Hopkins

Yi Yan

Experimental and Numerical Investigation of Mixed-Convection Magnetohydrodynamic (MHD) Flows for Liquid Metal Fusion Blankets

ADVISOR: Mohamed Abdou

DEGREE OF ENGINEER

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Conferred, Fall 2021

Nicholas Abraham Ware

MASTER OF ENGINEERING AND MASTER OF SCIENCE

MASTER OF ENGINEERING PROGRAM Master of Engineering

Candidates, Summer 2022

Lea Elizabeth Alcantara	Yifan Hu	William Nafack
Jinru Cai	Yungunn Ko	Ryan Jared Rivera
Gorkem Camli	Reema Kumari	Aakash Sagar Varma
Andrea Casassa Sian	Anna Kurisaki	Jiaqi Wang
Hua Chan Zhuo	Hung-Chih Liu	Yingyin Xiao
Ting-Chun Chou	Leo Quang Ly	Mao-Kai Yu
Jordan Alexander Combitis	Kyle Langdon McKim	Zhecong Zhang
Tianpei Gu	Yu Mei	Jackson T Zhou
	Alexander Stephan Moutoux	Xi Yao Zhou

DEPARTMENT OF BIOENGINEERING Master of Science in Bioengineering

Conferred, Fall 2021

Minh Quang Cao
Moriel Dror
Ruiqi Huang
Xiyao Li
Xutao Liu
Bryan Michael Maghen
Ekateina Stonkevitch
Qing Zou

Conferred, Winter 2022

Natalie Danielle Cherry
Micah Lim
Hamed Naghsh-Nilchi
Deepak Singla

Candidates, Spring 2022

Anushka Ahmed
Alexandra Gabrielle Bermudez
Austin Chang
Humberto Herrera Contreras
Alexia Chantha Jaotegan Diaz
Nneamaka Isioma Enueme
Kailey Flora
Ruth Anne Foley
Alon Halfon
Gracia Valerie Lai
Ziwen Liu
Hiromi Miwa
Paula Pandolfi

Tiffany Patel

Ashwath Mothi Radhachandran
Bushra Wasim Rajput
Ponmathi Chamundeswari
Ramasamy Jayaseelan
Milo James Worley Ryan
Gevick Safarians
Brian Joshua Siegel
Brandon H Sien
Jasmine Thanh Trinh
Hanxu Zhang

Candidate, Summer 2022

Crystal Yorklum Xiao

MASTER OF ENGINEERING AND MASTER OF SCIENCE (continued)

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

Conferred, Fall 2021

Eunwoo Nam

Conferred, Winter 2022

Matthew Cheuk-Woh Tom

Candidates, Spring 2022

Daniel Thomas Booth

Vito Anthony Canuso

Berkay Citmaci

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

Conferred, Fall 2021

Tianyu Chen

Mckenzie Lynn Fowler

Yuwei Kong

Ivy Yin-Mei Kwok

Yipeng Li

Rajyalakshmi Marepalli

Jerry Huy Ngo

Boer Ni

Yujia Nong

Ziyue Zhu

Yifei Bi

Stephanie Marie Sylvia Burns

Daniel Aleja Calderon Sandoval

Joseph Ross Callahan

Wilfred Christian Santiago Castillo

Paul Adrien Andre Celestin

Lu Chen

Po-Yu Chou

Francesca Jay DePrima

Juliana Lenna Dominguez

Aileen Escobell Villegas

Eric Guillermo Estrada Oajaca

Jasmine Fakhouri

Aryan Farahi

Patrick Raymond Fox

Jules Gilly

John Joseph Gomez

Samantha Good

Jake Giovanni Hester

Maya Jade Hildebrand

Kaihong Hu

Anwer Joseph Chandy

Lucas Eli Keiser

Jakob Leo Dotter Kinoy

Jason Yunmin Ko

Stacy Chung Kong

Ken Ji Lam

Jianyu Li

Kaiji Liang

Ziqi Lin

Carmen Liu

Camryn Rose Lopez

Kian Ryan Lotfi

Jesus Guadalupe Luna Uribe

Amaan Zafar Malik

Davide Mancini

Joel Elijah Manesh

Edouard Francois George Martin

Alexis Maurice

Mark Hoang Khoi Nguyen

Christopher Garrett Nicolai

Francisco Javier Gonzalez Ornelas

Conferred, Winter 2022

Chelsea Marie Coran

Candidates, Spring 2022

Raymond John Abbiatici

Yousef Almalla

Sophie Marie Emma Avoine

Teny Baghramian

Aaron Curtis Berdan

Julien Pierre Bergametti

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Master of Science in Civil Engineering (continued)

Sergio Enrique Ornelas	Jenna Emiko Shigeta	Leyi Yuan
Bryan David Orozco	Abhimanyu Singh	Jiayu Zhang
Jesus Alberto Orozco	Nathan So	Chengfang Zheng
Katie Perkins Osborn	Amber Carole Sutherland	Kun Zhou
Benjamin Leo Presberg	Vaishnavi Yogesh Totla	<u>Candidates, Summer 2022</u>
Johana Ashley Press	Malo Tony Trevalinet	Benjamin James Croze
Soumya Puvvada	William Trinh	Alex-Amirnezam Fakhroo
Helene Salha	Calvin Ung	WeiJian Huang
Shane Alaka'i Sasaki	Elitsa Petrova Vutova	Zanobia Rachel Ibrahim-Watkins
Purvakumar Rushikumar Shah	Yanxuan Wang	Shruti Indiresan
Que Shang	Zhengyao Wang	Samaha Karim
Yue Shen	Yvonne Yutzu Yang	Yuxiao Yi
Minghao Shi	Alvin Yep	Yuyang Zhou

DEPARTMENT OF COMPUTER SCIENCE

Master of Science in Computer Science

<u>Conferred, Fall 2021</u>	Sripath Mishra	<u>Conferred, Winter 2022</u>
Satvik Anand	Varun Pramod Patil	Tanvi Yogesh Bhandarkar
William Wayne Chou	Emma Kate Davis Peterson	Hemil Desai
Edward Anjie Huang	Victor Eduardo Rios	Pradeep Dogga
Roshni Girija Iyer	Mengyao Shi	Sterling Jefferson Engle
Aditya Kuroodi	Lucas Matthew Tecot	Boyang Fu
Tameez Latib	Lucas Hou Wae Tong	Jiaxin Ge
Haochen Li	Ruochen Wang	Kriti Gupta
Tianxiang Li	Shuyu Wu	Boyuan He
Lihang Liu	Yuanhao Xiong	Chongyu He
Sihao Liu	Tianyu Zhang	Shuo He
Zixuan Lu	Xilai Zhang	Jesse Huang

MASTER OF ENGINEERING AND MASTER OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE

Master of Science in Computer Science (continued)

Zhaoyi Huang	Rosa Maya Garza	Panqiu Tang
Rohan Chetan Kapoor	Matthew Gerges	Puja Hemant Trivedi
Amina Lazrak	Jivan Clint Gubbi	Dennis van Ee
Yiqun Li	Usama Hameed	Bowen Wang
Wuyue Lu	Yingge He	James Wang
Zicong Mo	Sicheng Jia	Jiarui Wang
Amit Ballav Mondal	Arjun Kallapur	Yuxin Wang
Ashwin Narkar	Keerti Kareti	Nikki Woo
Samantha Claire Niemoeller	Koji Garrett Kusumi	Zhaoyu Wu
Anaelia Altagracia Ovalle	Ka Cheong Jason Lau	Jing Xu
Yifan Qiao	Samuel Lee	Ziheng Xu
Taasin Saquib	Kevin Li	Kevin Yao
Bochen Tan	Yang Li	Yusong Ye
Jiyuan Wang	Shuyang Liu	Jiayu Yi
Yihan Wang	Chiao Lu	Danning Liu Yu
Yunong Ye	Shikha Rashesh Mody	Nima Zaghari
Weitong Zhang	Bradley Harrison Mont	Kevin Zhang
Yijing Zhou	Noor Nakhaei	Qinglu Zhang
	Brendon Tetsuo Ng	Yufeng Zhang
<u>Candidates, Spring 2022</u>	William Patrick O'Brien	Daisy Haiting Zheng
Junquan Chen	Jason Manuel Facundo Panelli	Yinsheng Zhou
Yiyu Chen	Aishni Parab	Wenqi Zou
Rahul Chikka	Nilay Mahesh Shah	
Po-Chun Chiu	Chuhua Sun	<u>Candidates, Summer 2022</u>
Harsh Chobisa	Jiayue Sun	Jessica Raquel Bojorquez
Vishnu Devarakonda	Brian Patrick Tagle	Landon Kelt Miller
Christie Anne Ellks		Anubhav Mittal

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Master of Science in Electrical and Computer Engineering

Conferred, Fall 2021

Sanzhar Almakyn

Kenny Chan

Xiaowen Chen

Ho Lam Dong

Lin Fan

Yu Gao

Zicheng He

Jiale Hu

Yong Huang

Vincent M Lau

Samurdhi Leuke Bandara Karunaratne

Mia Matsuhisa Levy

Rui Lin

Jiacheng Liu

Huanhua Lu

Zhenhao Pan

Siyu Pei

Mohammad Shahili

Haris Suhail

Terri Chiao-Yu Tsai

Alejandro Venegas

Jianian Wang

Wenyi Wang

Chengzhi Wei

Jingjing Xu

Talha Yerebakan

Grant Charles Young

Chuang Yu

Wenzhuo Yu

Jameson Zhang ♦

Ruixuan Zhao

Conferred, Winter 2022

Yisu Cang

Zichun Chai

Xin Chen

Shangyao Dong

Yihan Du

Alexander Phillip Graening

Vahe Gyuloglyan

Patrick Young Han

Xu He

Yi-Chun Hung

Mark Thomas Kubiak

Kevin Grant Lee

Zhiying Li

Zichao Liao

Xinyi Liu

Junhui Lou

Jinghan Lu

Derek Nguyen

Joel Han Oh

Connor Matthew Roberts

Shuxin Tan

Sidharth Thomas

Michael Edward Tran

Yu-Hsien Tu

Ranjana Vittal

Zhenghan Xu

Deyu Yang

Tianyi Yang

Xuanan Yue

Jingtao Leo Zhang

Candidates, Spring 2022

Mohan Srinidhi Acharya

Amaael Antonini

Xiaofan Bo

Oyku Deniz Bozkurt

Hongyi Chen

Jih-Wei Chen

Minzhang Chen

Joshua Kendall Crook

Zhujun 'Flora' Fang

Zion Manuel Gutierrez

Dong He

Zhaowen He

Andrew Kuan-Shiuan Ho

Andong Hua

Tianjian Huang

Kasra Jalali Nadoushan

Yiheng Jian

Yuchen Jing

Sung Yoon Jung

Charles Dinh Kobashigawa

Thomas Adam Kost

Jacqueline Lam

Eunae Lee

Hongyi Li

Yuzhu Li

Xingyu Liu

MASTER OF ENGINEERING AND MASTER OF SCIENCE (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Master of Science in Electrical and Computer Engineering (continued)

Zhongyu Liu	Anchal Sinha	Hao Xu
Cheng-Tse Lu	Sidharth Sanjay Subbarao	Xilin Yang
Tristan Roger Melton	Chenhao Tang	Wangjie Yin
Evan Michael Mitchell	Grace Tang	Zhaoxi Yu
Pehuen Moure	Zhuofu Tao	Tianyi Zhao
Hieu Minh Nguyen	Vidhya Thandayuthapani	Andy Zhong
Jonathan Vu Nguyen	Cerrin Toh	Feiqian Zhu ♦
Yu Nong	Lei Wang	<u>Candidate, Summer 2022</u>
Vivek Parimi	Tianyi Wang	Yunzheng Zhu
Gongjie Qi	Yibo Wang	
Siyun Qiao	Yu-Chi Wang	
Huaijin Ruan	Menghua Xie	

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Master of Science in Materials Science and Engineering

<u>Conferred, Fall 2021</u>	<u>Conferred, Winter 2022</u>	Ashvin Nagarajan ♦
David Ho	Renc Saracaydin	Poom Narongdej
Ekateina Stonkevitch		Yi Ting Sheu
Nicholas Abraham Ware	<u>Candidates, Spring 2022</u>	Juan Manuel Silva Ruiz
Makena White	Anne Cardenas	Ta-Wei Wang
	Yu-Pei Huang	

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Master of Science in Aerospace Engineering

Conferred, Fall 2021

Mckenna Davis
Dylan Christopher House
Aidan Norman Kennedy
Sarina Kiani

Conferred, Winter 2022

Erik Castellanos-Vasquez
Ray Ruizhi Chen
Kevin Jacob Cohen
Alex Ross Keller
Joel Otomize

Leonard Antonio Quinto
Isabelle Constance Sanders

Candidates, Spring 2022

Victor Nathaniel Amato
Dante Christian Reneau Bruno
Ryan Jacob Courtney
Patrick Crandall
Jeremy Johannes Engels
Kahei Hasegawa
Frank Yannick Huisman
Anthony Michael Kelly

Sean Kwok

David Matisse Moreno
Alexander Michael Pagano
Shehan Muradali Parmar
Lynn Qu
Ankit Ranjan
Trey Kota Sakazaki
Nora Grace Stacy
Dipesh Thapa
Almos Tibay
Chuong Vu Tran
Aileen Daphne Villalpando

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Master of Science in Mechanical Engineering

Conferred, Fall 2021

Savya Vijay Agarwal
Pour Sarabi Shima Akbar
Ryan Daniel Alexander ♦
Garrett Charles Diulio
Jared Squire Jonas
Zixiao Liu
Lauren Francesca Thomas
Ning Xin
Zihang Zhao

Conferred, Winter 2022

Melika Ahmadi
Bryce Boyer

Emily Ailene Burnside

Yasamin Foroutani
Nicholas Matthew Kuenning
Norman Shen

Candidates, Spring 2022

Emilio Almada Shelley
Gabriel Luis Carlos Alpuerto
Alexander Akira Arazawa
Juan Sebastian Banchs ♦
Christopher Mahlon Carter

Julie Ling Chang

Kyle Chen
RJ Chen

Samuel Luther Ellison

Ryan Edward Fadell
Kyle Thomas Gillespie
Mingze Gong
Blake Harrison Haist
Hannelore Hemminger
John Chong Hollister
Erik Li-Jye Hsu-Storaker
Raj Daxesh Intwala
Rong Jin
Parker John King
Zachary Lacey
Helene Jacqueline Levy
I-Chieh Lin

MASTER OF ENGINEERING AND MASTER OF SCIENCE (continued)

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

Ryan Ling	Syahmi Izzat Bin Salleh	Christopher Shang-Da Ye
Ting-Hao Liu	Fadi Samaan Samaan	Haokun Zhang
Jason Ma	Mark Kenneth Scheble	<u>Candidate, Summer 2022</u>
Marie Payne	Rodrigo Uribe	Dooseop Song
Supreethi Veda Penmetcha	Varit Vichathorn	
Alrayes Qotayba	Eric James Wong	

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

<u>Conferred, Fall 2021</u>	Alexandria Lynne Victoria	Anthony Joseph Dellavecchia
Laila Marie Abelseth	Da Yin	Nicole Quynh Anh Du
Jesus Javier Aguilar	<u>Conferred, Winter 2022</u>	Elliot Felipe
Ryan Chau	Roger Alexander Arauz	Megan Danielle Friedlander
Wyatt Louis Colbert	Taylor Filemon Calderon	Christian Michael Andre George
Matthew Glenn Coleman	Lorena Covarrubias	William Power Gonser
Johnathan Michael Fritsche	Jacob Theodore Heene	Miyako Hanekamp
Sean Edward Harms	My-Quan Hong	David Hanna
Nari Hwangpo	Bradley Thomas Johnson	Brett Thomas Jordan
Aaron Bartolome Karagdag	Karah Kingsbury	Aaron Mun Kan
Yunju Lee	Conor Ryan Mossavi	Nathaniel Kang
Ruairi Long	Cassidy Newman	Aman Kaur
Victor Fidel Lopez	Bryan HP Nguyen	Krista Jihye Kim
Steven Van Nguyen	<u>Candidates, Spring 2022</u>	Mark Thomas Klein
David Woosuk Oh	Alexander Cesario Arroyo	Mikayla Anne Klein
Sam Adam Ryklansky	Moe Wai Aung	David Errol Krone
Michael Allan Sekerak	Jacob Ross Bettencourt	Julia Yeehui Lau
Andrey Tolstov	Yen Chen	Ryan Edward Littell
Madeline An Tran		Priscilla Lee Luu

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering (continued)

Kevin Luong Mai	Dana Michelle Yuen	Alberto Meza
Kyle James Miller	Wei Zhou	Julie Margaret Miller
Malcolm Edward Murdock	<u>Candidates, Summer 2022</u>	Anjali Nikhil Modi
Amara Clarisse Nance	Nicholas William Brannick	Nicholas David Perez
Vicente Ocampo	Lillian Chang	Michael Lynn Potter
Shant Oganessian	John Patrick Connor	Anthony Alexander Ronca
Jonathan Roklen	Jareb Wayne Fohne	Michael Brian Castro Tojong
Dennis Correa Viveros		Kerry Zehui Xiao

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Aerospace

<u>Conferred, Fall 2021</u>	<u>Candidates, Spring 2022</u>	<u>Candidates, Summer 2022</u>
Sean Patrick McHale	Joshua Kirk Buckhalter	Chuyi Liu
<u>Conferred, Winter 2022</u>	Cody James Dahlgren	Khanh Haongoc Pham
Cameron Alexander Law	Amir Labib	Parisa Soheili
Adam Frank Licavoli	James Jason Lumsden	
Richard Ni	Andres Padilla	
Vahe Thomas Shahinian	Alexandre Pelletier	
Michael David Sharp	Cesar Ignacio Ramirez	

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Computer Networking

Conferred, Winter 2022
Santhosh Varma Penumatcha

MASTER OF ENGINEERING AND MASTER OF SCIENCE (continued)

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

Conferred, Fall 2021

Shu-Yun Ku

Eugene Lo

Taran Joseph Pennebacker

Ryan Saihoy Wong

Conferred, Winter 2022

Andrew Dylan Begey

Yan Chen

Kenny Huynh

Erick Livan Leyva

Eashan Dhananjay Samak

Michael Soen Yao

Candidates, Spring 2022

Andrew Joseph Holdaway

Manuel Martinez

Drew Henry Seiji Nakamura

Sindhu Ojha

Benjamin Shaoulian

Kevin Julian Ward

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

Candidate, Summer 2022

Alexandra Gomez

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

Conferred, Winter 2022

Bryce Allen Feigum

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM Master of Science in Engineering-Manufacturing and Design

Conferred, Fall 2021

David Seaton Durket

Candidates, Spring 2022

Bryan Matthew Kuan

Brittany Michelle Weidner

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Materials Science

Conferred, Fall 2021

Y Thien Le-Ho

Candidates, Spring 2022

James Pierre Freret

Kevin Kuo

Luke M. Mastrorilli

Lindsey Kathleen Sweeney

Candidate, Summer 2022

Ze-Ching Ong

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Mechanical

Conferred, Fall 2021

Randy George Ballat

Brandon Tyler Belardo

Mark Steven Betzen

Samantha Devina Bishamber

Connor Christian Ellis

Maxine Felper Gorelick

Christian Meredith Guernsey

Helen Jeanne Mills

Belen Padilla Gonzalez

Justin Ian Ybiernas

Conferred, Winter 2022

Jon Spencer Josey

Brandon Dzi Gin Kan

Amanda Tjipta Sugijoto

Candidates, Spring 2022

Rosario Salvatore Aiello

Ryan Wendell Burke

Bryn Mackenzie Henning

Daniel Craigie Kivlovitz

Alexandre Law

Nicolas Michael Lopez

Van Joseph Pastor Macasaet

Justin Dean Northern

Austin David Pennington

Nathan H. Phung

Nobuyuki Takano

Christopher Brent Underhill

Joanne Faye Webb

Audrey Tingrui Wong

Candidates, Summer 2022

Cristian Dante Grijalva

Ronald Ho Huynh

Arman Mesropyan

Alexandria Jacinth Rosa

Mike Wietstruk

MASTER OF ENGINEERING AND MASTER OF SCIENCE (continued)

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

Conferred, Fall 2021

Patrick Mounir Elhaddad

Conferred, Winter 2022

Christopher Michael Augustine II

Daxing Deng

Xinhang Li

Michael Alexander Whiteside

Candidates, Spring 2022

Gary Yu Chan

Courtney Junko Chu

Joseph Paul Gorman

Yihyun Kim

Athena Marie Knopes

Han Lu Ling

Austin Quinn Van Biezen

Ryan Gwan-Ho Wong

Candidate, Summer 2022

Madalyn Rose Danielak

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

Conferred, Fall 2021

Sidney Hoang Si Tran

BACHELOR OF SCIENCE

DEPARTMENT OF BIOENGINEERING

Bachelor of Science in Bioengineering

Conferred, Fall 2021

Christine Grace Tayag Pamplona

Joeeun Yoon *

Conferred, Winter 2022

Brian G. Cardinale

Brian Cheng *

Kathryn Mary Graz *

Yaser Bilal Khokhar *

Ke Lin *

Angela Chang Lu

Ian Thomas Miguel

Josephine Joseph Neyyan

Benjamin Jie-Ming Pang ***

Matthew Ezekiel Prasetyo *

Aditya Sivakumar **

Andy Long Kai Yau *

Candidates, Spring 2022

Ahmed Siddique Ali **

Shayan Reza Asemi **

Sara Badih **

David Radoslavov Bakalov **

Rakhi Banerjee **

Berke Calbas **

Veronica Rebecca Campbell **

Cassandra Marie Cantu

Justin Chen **

Adam Bryce Clements **

Raul Guillermo Davila

Emmi Noelle Deckard **

Sophia Rista Desai

Peter Clayton Emmel

Griffith Collwyn Hesketh Hughes **

Eva Dawn Hunter

Neha Prakash Iyer **

Thomas James Johnson

Christine Huang Jung

Anwar Kalid

Minsoo Kim

Caroline Rogers Koloff

Juan Carlos Awa Lagarde

John Eric Lama **

Cindy Le

Tyler Tinh Ngoc Le **

Gracie Libman

Xuwen Lou **

Diana Ly **

Ezekiel Chao-Yun Ma

Sophia Anne Mesler

Ardo Nashalian **

Diantha Tructhanh Ngo

Kelly Patricia O'Connor **

Natalie Olivares

Ella Shea Pachler

Jay Sanjay Pawar

Nicolas Garet Pedroncelli

Tyler Potyondy **

Passa Erin Pungchai

Vidhur Raveendran **

Ethan James Salter **

Emily Allison Smetanka

Iza Spaczai

Gavin Spillard **

Reina Sayaka Squires **

Melody Lianne Tang

Adam Ashkan Toubian **

Cameron Borja Uy **

Talia Wolf-Jacobs **

Manvel Yelanyan **

Candidate, Summer 2022

Erika Hookasian **

*** *summa cum laude*

** *magna cum laude*

* *cum laude*

** Recognition of latin honors for Spring and Summer 2022 candidates is based on grades through Winter 2022. Official latin honors is subject to final Spring and Summer 2022 grades.

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

BACHELOR OF SCIENCE (continued)

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

Conferred, Fall 2021

Wardah Aiman
Demi Fae Angeles Avilla
Markus Noah Thiel

Candidates, Spring 2022

Ainul Haqem Bin Abdul Jamil
Karina Lauren Akers **
Ionne Arakelyan
Melissa Nicole Creus Babiera
Lois Min Bai
Armin Baktashian
Georgia Grace Batson **
Isabella Anne Bockman
Trevor Robert Burnes **
Alicya R. Burt **
June Joo-Eun Chang
Timothy Chao **
Jose Miguel Chevalier **
Hojin Choi
Vincent Min Chow **
Hiep Minh Dong
Stephanie Yuewen Du **
Emily Rose Dunn **
Kalea Rose Fajardo
Francisco Javier Ubongen Galang **
David Wu Gao **

Spencer Rafi Goldrich **

Sarah Jade Hakim
Paige Elizabeth Heimbach **

Leroy Joenoes

Mark Keith Keller **

Munbae Kim

Abraham A. Kister **

Breana Wing-Tse Lee

Corinna Du Lee

Sung Gyung Lee **

Sheng Li **

Albert Wenlong Ma **

Katia Amanda Manner **

Chelsea Marie Paygane Marasigan

Kayli Machiko Masuda **

Melanie Mesropian

Pavni Misra **

Roma M. Modi **

Kate Rory Nabours

Henry Nguyen

Yoonseok Oh

Nolan Harrison Origer **

Feiyang Ou **

Neeraj Padmanabhan

Eric Sanghyuk Park **

Marissa McCarty Petty

Ashley Sarah Pezikian

Kenny Quach

Susana Alai Rastelli

Daniel Rodriguez-Carlos

Mitchell James Rogers **

Morgan Noel Silverman

Nicholas Anthony Snyder **

Nicholas M. Stoner

David H. Sun

Brandan Taing **

Michael Jamison Teppen

Kenneth Stephen Tjhan

Cameron Jade Tomaneng

Nathaniel Louis Torres

Spencer Garrett Toy

Alan Anh Tran **

Ivy Xuan Tran **

William Tsai

Carie Tu **

Owen Jack Wilborn **

Fernaldy Wirawan

Kaitlyn Joyce Wu **

Audrick Yang

Elizabeth Zhang **

Candidates, Summer 2022

Xuan Mai Thy Le **

Amanda Yares **

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Bachelor of Science in Civil Engineering

Conferred, Fall 2021

Mona Chahine

Rodger Lee

Kaitlin Marie Raynor

Jasmin Alejandra Valles

Andrew Yee Wong

Conferred, Winter 2022

Gary Immanuel

Brian Gabriel Yap Ling

David Martinez

Ki Ja Suzanne Ourdoune

Candidates, Spring 2022

Delara Abbasi

Katherine Kacie Acero

Brigid Maria Ahern

Michael Anthony Angelis

Giuliano Luca Avella

Katrina Nicole Berge

Megan Justine Bruning

Alexis Bui **

Hieu Chinh Bui

Kristida Lavy Chhour

Hannah Hyun Chun

Ruby Iris Ciervo

Daniel Luca Cordova **

Nayiree Dahjet

Thomas Dobson

Ayla Michael Dvoretzky

Justin Edward Ehrenberger **

Iman Mahmoud Fawzy

Paulina Patricia Fisher

Nathan Louis Fix

Brandon Michael Follonier

Cole Steven Galicinao

Aaron Gee

Emma Golub **

Tommy Jia Wen Gong

Amir Ali Guity

Saimon Gess Hadgu

Aidan David Hasegawa **

William Alexander Healey

Amaya Joy Hernandez

Eileen Ho

Pill (Ted) Jang

Pasakorn Kasemsri

Sherin Akbari Khoygani

Ariel Jillian Kuo

Heather Sarah Kurtzman

Sage McDermott Lajoie

Harris Dean Lanum

Joseph Joon Lee

Dawn Yang Li

Court Edward Lindner

Milton Yee Fat Mak

Logan James McDevitt **

Annika Jameson Mellquist **

Tori Ryoko Mok

Benjamin Jose Molina **

Angel Antonio Monarres

Rian Carroll Montagah **

Taylor Phuong Nguyen

Michael Joseph Nishikawa **

Anabella Noguera

Jonah David Nucci

Saed Dean Imad Osman

Viktor Raheem Ramientos Pacis **

Roberto Massimo Peccei

Phuong Thao Hoang Pham

Pooya Rezaei

Vache Sahakyan

Matthew Stephen Saiki

Nathan Michael Sharafian **

Youngbo Shim

Rab Caleb Sinay

Sophia Tan **

Lucas Hubert Tang

Varun Aditya Tankha **

Richard Levent Trujeque

Henry Truong

Michelle Tran Truong

Katherine Tsai

Nathan Christopher Vardas **

Pablo Alexander Velasco **

Mia Dacquel Verdolin

Bryant Jung-Yuan Yang

Candidates, Summer 2022

Nickolas Vincent Borov

Jesus Eduardo Cisneros

Dongwook Kim

Carolyn Salas

Daniel Soto

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE Bachelor of Science in Computer Science

Conferred, Fall 2021

Jack Charles Arnold	Duc Anh Nguyen	Xuenan Fei
Juan Bai	Kian Nikzad	Evan Moshe Friedman
Sriram Balachandran	Cody Truong-Cang Pham	Lawrence Lu Fu **
Jaden Benjamin Bernal *	Leighton Edwin Quale	Keiran James Glynn
Ryan Brennan-Sykes	Param Tejas Shah *	Erdi Hacıogullari
Andrew Ryan Caylor	Alexandria Hui Shen	Kenta Daniel Hayakawa
Matthew Wei-Sern Cuico Chan	Richard Chenxi Tang *	Ryan Patrick Holland **
Evan Raymond Charfauros	David Hung Tung *	Senyang Jiang ***
Matthew Chen	Soumya Santoshi Uppuganti	Prithvi Kannan *
Ming Sum Jessica Cheng *	Erica Vellanoweth	Anthony George Karapetian
Christopher Alan Dickens	Rohit A. Vighne **	Leonid Roy Lucas Krashanoff
Alvin Duong	Ryan Charles Wakefield *	Nikhil Sankar Kumar
Jasper Quinn Edbrooke	Charles Ze Qian Wang *	Wen Hong Lam *
Austin Dante Eral	Juiwen Wu	Nathakin Leepreecha
Jason Yu Huan	Michael Wu **	Jonathan Yu-Tseng Liau
Chang Chun Hwang	Catherine Xu	Lawrence Lin
Michael William Inoue	Chanel Young	Jackelyn D. Liu
Sharvani Jha	Xiangkun Zhao	Siqi Liu ***
Seoyoon Jin *	<u>Conferred, Winter 2022</u>	Wenxuan Liu *
Yiqiao Jin *	Aryan Arora	Junlan Lu
Shrenik Manoj Kankaria	Monica Hegde Bellare	Guanqun Ma
Khoa Tien Le	Andy Cai	Nikhil Malhotra *
Jiarun Li	Andrew Ryan Chang ***	Anirudh Venkataraman Mani *
Tony Z. Li	Robert Fengsong Chang	Eldon Ngo
Jiahe Liu	Brandon Hyunwoo Chi	Huy Hoai Nguyen
Tian Yu Liu ***	Eugene Choi	Minsuk Oh
Trung Quoc Luong	John Arthur Minhquan Dang	Seiji Samuel Otsu *
Colton Padraic Meskell	Parth Manoj Deshpande *	Bryan Liu Pan *
Utsav Munendra ***	Jai Vardhan Fatehpuria	Jinbean Park
		Aayush Patel

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Ziyi Peng	Yuksel Polat Akbiyik	William Hong-En Chong
Collin Jacob Prince **	Michael An **	Vincent Zhan Tai Chung
Jeffrey Yufu Qiu	Gurbir Singh Arora	Daniel Ciao **
Edward Borja Sabalbuero Jr.	Joshua Michael Aymett	Ian Conceicao
Vedant Adwait Sathye	Michael Bao	Jonathan Edward Davies
Ishaan Dipak Shah **	Nuutti Rory William Barron	Edward Thomas Deng **
Peter Oey-Shen-Loong Sutarjo	Zachary Evan Berger **	Ruining Ding
Yash Tandon	Godfried D. Boateng	Cindi Tian Dong
Victor Wayne Tang	Daniel Joshua Branda **	Chenda Duan **
Estee Johanna Tcheau	Kayla Gabriela Buki	Avery Ezra Einhorn **
Henry Minh-Khanh Trinh	Sarah Cai **	Matthew Fan
Alexander Thomas Trujillo-Hilleary	Bella Blanche Calvet **	Haocheng Fang **
Athya Uthayakumar **	William Xichang Cao **	Janet Fang
Adrienne T. Vuong	Kevin Patrick Case	Alexander Jeffrey Feinfeld **
Alexandre Sanchis Walsh	Harrison Paul Cassar **	Vivek Joseph Fernandez **
Kaitlyn Jieyao Wang	Keshav Chakrapani	Zachary J. Finkelstein **
Jonathan Han-Son Wong	Shammo Chanda	Elior Fureraj
Yangchao Wu ***	Sei Hoon Chang **	Varun Gnanasekaran
Frank Siyuan Xing *	Pranav Reddy Charkupalli	Ana Gu
Clifford Yin	Jonathan Chau **	Dylan Kenneth Gunn
Mingyang Zhang ***	Allison Yirui Chen **	Ricky Ruijie Guo **
Qinglin Zhang	Janis Yi Chen	Albert Chi Hao Han **
Zhiling Zhang	Lingtao Chen	Amanda Liyuan Han
Cindy Ruowei Zheng **	Melody Sze Wei Chen **	Ryan Han
Yichen Zhou *	William Li-Jay Chen	Shanxiu He **
William Yicheng Zhu *	Zian Chen	Jake Alan Herron
<u>Candidates, Spring 2022</u>	William Warren Chern	Nhat Tan Ho
Kade Biermann Adams **	Connor Ryan Chin	Youchuan Hu **
Daniel Nicholas Linasari Adea	Junghun Choi	Maggie Huang
Nishchal Agrawal	Katherine Chong	Jonathan Parker Hui

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Daniel Garrett Jaffe	Dacheng Lin	Rohit Nema ✱✱
Arihant Jain ✱✱	Jacob Lin	Nathan Sy Ney
Jason Kyle Jewik	Jody Lin ✱✱	Andrew Yee Tai Ng ✱✱
Andrew Zheng Kan ✱✱	Joseph Jachie Lin	Alvin Phu Nguyen
Thomas Yukio Kaneshige	En Ming Liu ✱✱	Bryan Nguyen
Joyce Jihyun Kang	Hamlin Liu	Lena Ann O'Grady
Miles Jae Kang	Joshua Yufan Liu ✱✱	Rachel Anne Oberst
Sumedha Kanthamneni ✱✱	Sabrina Liu ✱✱	Siddharth Pandiya
Austin Cody Keil	Xintong Liu ✱✱	Kiarod Amir Pashminehazar ✱✱
Christopher Kha ✱✱	Zhengyang Liu	Marcus Richard Pearce
Akshat Khaitan ✱✱	Zihan Liu	Brian Cong Luan Phan
Rohan Singh Khajuria ✱✱	Eugene Yukman Lo ✱✱	Bradley Alexander Pickard ✱✱
Anthony Darius Khoshrozeh	Christian Santos Loanzon	Matthew Paul Pombo
Da Yuen Kim	Henry Prescott Loh ✱✱	Scott Michael Poole
Seungwon Kim	Yunze Long	Pranit Pugazhendhi
Seung Hyun Kim	Shannon Shu Lu ✱✱	Yilong Qin ✱✱
Ty Ram Koslowski	Anh Thu Thuy Mac	Muyuan Qiu
Hanna Sarah Kotesova	Henry S. MacArthur ✱✱	Jingnong Qu ✱✱
Brian Hyukjae Kwon	Nicholas Anthony Mark	Larry Liang Qu
Valentin Isaac Lagunes	Ritu Mary Mathews	Spurthi Rallapalli
Yash Lala ✱✱	Arnav Mathur	Sidharth Ramanan ✱✱
Ryan Khang Lam ✱✱	Alexander Joseph Mikhalev ✱✱	Ashwin Ranade ✱✱
Erl Stanley Lee	Cameron Scott Miller	Jason Matthew Rauchwerk ✱✱
Joshua Bohyung Lee	Preet Modi	Ryan Kourosch Riahi ✱✱
Roselyn Emerald Lee ✱✱	Lisha Mohan	Garrett Evan Rifkin ✱✱
Samantha Anne Lee	David Christopher Morley ✱✱	Neeraj Jeetendra Samtani
Tiffany Chingting Lee	Faraz Umayer Murshed	Anurag Sandireddy
Kyle Leong ✱✱	Samritha Nagesh	Mattie Elise Sanseverino
Kevin Henry Li ✱✱	Vishal Narayan	Isha A. Satoor
Vincent Li	Rahul Natarajan	Maanek Singh Sehgal ✱✱

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Nikil Roashan Selvam *	Kendrake Jay Tsui *	Elyse Yao
Hari Krishna Senthilkumar	Sadhana Vadrevu	Defne Yazicioglu
Simwon Seok	Nhi Hanh Van	Christy Annie Yee
Nikhita Shanker *	Suraj Arun Vathsa *	Aurora Beverley Yeh *
Dhruv Sharma	Joshua Leo Vendrow *	Joon-Soo Justin Yi *
Erika Shen	Paul Ngo Vu	Joshua Y. Young *
Yuan Shen *	Zachary Michael Walravens	Yaqi Zhan *
Kimberly Lin Shi	Xiangyu Wan *	Jacob Broadwin Zhang *
Spencer Jacob Shifs	Chelsey Yichao Wang	Jinghao Zhang *
Stephanie Shin	Eric Zhexuan Wang *	Jingwu Zhang
Nikita Siahaan	Matthew Xuehan Wang *	Yu Zhang
Ishnoor Singh	Mitchell Wang *	Liqi Zhao *
Dhruv Singhania	Regina Zhongna Wang	Xiaoxiang Zhao
Daniel Smith	Shaodian Wang *	Tanya Zhong
Kedaar Chaitra Sridhar *	Vanessa Wang *	Chenxing Zhou *
Rithika Srinivasan *	William Austin Wang *	James Shan Zhou
Zhenrong Sun	Yanyu Wang	Xingzhe Zhou *
Amy Wen-Yi Sywe *	Ziyang Wang *	Michelle Qian Zhuang *
Lily Takahari *	Patrick Ian Wildenhain *	Matthew Zhuo *
Karen Michelle Tan	Bryan Bowie Wong	<u>Candidates, Summer 2022</u>
Kevin Tang *	Di Wu *	Johan Chihan Chiang
Dylon Matthew Tjanaka *	Donghang Wu *	Derek Hu *
Svetoslav Svetoslavov Todorov *	Miles Spencer Wu *	Aleksei Martynchik
Ryan Minh Tran *	Jiyuan Xiao	David Rheingold
Nelson Nguyen Truong	Maggie Claire Yan *	Qing Shi *
Ivan Tse	Xiaonan Yang	Adam John Vuilleumier

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE Bachelor of Science in Computer Science and Engineering

Conferred, Fall 2021

Omar Camarillo
Puvali Chatterjee
Hannah Faye Sianghio De Castro
Alexander Zilong Ma *

Conferred, Winter 2022

Tyler James Hackett *
Joshua Caleb S. Iglesia
Maria Del Carmen Ignacio
Ryan Lin *
Arnold Jialong Pfahl *
Rob Royce
Sana Saeed
David Nhat Anh Tran *
Nancy Alondra Valdez-Perez
Alyssa Mei Yi Wang
Eugene Yang *
Ziyi Yang **

Candidates, Spring 2022

Parth Agrawal
Yunus Zheng-Ren Chang
Yu-Hsi Cheng **
Marie Molly Chu **
Alberto Diaz
Jack Bryson Gardner
Rodrigo Gonzalez
James Chi-Kao King **
Jefferson Kit-On Lee **
Jessica Bo-San Lee **
Stacy D. Li
Yuhan Liu **
Nina Lu
Aarin J. Martinez
Aditya Mishra
Michael Mooc
Sai Giridhar Nadendla
Thien Quang Nguyen
Jongyun Park
Joseph Libert Picchi **

Riley Xiang Ryan

Alyssa Ann Schimm
Vaishnavi Tipireddy
Thilan Tran **
Jacob E. Wahbeh **
Ri Xin Wang **
Vanessa Wang
David Buddy Watson
Bryan Jia-Yeh Wong **
Kyle Yuk Kuen Wong
Edmond Xie
Edmund Wansing Yim
Simon Yong
Xinghua Yu
Disha Mahesh Zambani
Cindy Zhang **
Max Zhang **
Rongxiang Zhi **
Finnian Gantner Zink

Candidate, Summer 2022

Preetha Srikanth Krishnamurthy

JOINT PROGRAM WITH COMPUTER SCIENCE AND ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENTS

Bachelor of Science in Computer Engineering

Conferred, Fall 2021

Hyoungjun Chang *

Francisco Osiel Cruz Tapia

Logan Kenan Hernandez

Hirofumi Koichihara

Michelle C. Lam

Robert Renzo Rabago Rudio

Conferred, Winter 2022

Joshua Allan Futterman

Brandon Hoang Le ***

Arthur Kwanchun Liu

Simran Vijay Parkhe

Robert Nathaniel Peralta *

Khoa D. Quach

Candidates, Spring 2022

Mark Anthony Andal

Justin Isao Aoki

Spencer Carl Atkin

Annie Cai Chen

David E. Chong **

Fred Chu

Steven Huang Chu

Gustavo Nicholas Diaz **

Elijah John Ellsberry

Justin Hsiao Jianto **

Michael Edrick Leonffu

Olivia Wenru Loh

Nathan James Mailhot

William Culver Randall

Juan Carlos Rios Miranda

Sierra Lynn Rose

Candidates, Summer 2022

Anreeta Saseeta Saseetharran **

Rachel Nichole Schwall **

Matthew Jason Serpe

Mehul Sonowal

Sashwath Narayanmurthy Sundher

Caleb Dang Terrill **

Ryan Wing-Gin Tong

Sydney Emma Walsh

Michael Zixing Wang **

Kevin Anders Wiranata

Eric Yixuan Zhang

Feiqian Zhu ♦ **

Leeksun Cho

Pompiliu Teodor Gurlonta

BACHELOR OF SCIENCE (continued)

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

Conferred, Fall 2021

Jorge Emiliano De Dios Suarez *

Daniel Roger Gregory Dennis Ferguson *

Demyana Gouda

Anthony Kim

Federico Emre Kubin

Zhili Liang

Nam Hoang Nguyen

Tri Nguyen

Kenneth Chunkhang Ong *

Leondi Fungestu Soetojo

Brenden Jarred Stevens

Justin J. Suh

Jameson Zhang ♦ *

Conferred, Winter 2022

Madison Hannah Belk

Shahrul Kamil Bin Hassan ***

Arian Jafari Mimandi

Shakeh Kalantarmoradian *

David Kao *

Sivan Emily Levy

Saman Moogahi

Moaddat Zahra Naqvi

Max Edward Schaffer *

Dao Ngoc Vu *

Richard Jung Woo

Zan Xie

Candidates, Spring 2022

Neha Kumar Adhlakha

Obaid Riaz Ahmad

Anton Alberto Alcalá **

Felipe Pablo Areces **

Joshua Chua Austria **

Charles Bai **

Jack Peter Bailey

Abbas Rajabi Bakhshandeh **

Arhison Bharathan **

Cameron James Borawski-Pickard

Julian Tae Sung Lee Camacho

Denny Joonyoung Cha **

Cindy Chang **

Melissa Shelby Chang

Alexander Henry Chen

Kellen Tan Cheng **

Alyssa Brianna Chew **

Eryn Chiappe **

Enoch Chu

David Gregory Crofton **

Sohum Shwetal Desai **

John Paul Dillard

Alan Ba Dinh

Isabel Chiemi Dominik

Cody Shengyao Fan

Saeed Firoozi **

Nicolas Galvis

Ryeder J. Geyer

Melody June Griffith

Megan Emily Gronstad

Vaibhav Gupta **

Patrick Anthony Hajali **

Lucas J. He

Daniel Steven Hendrickson

Noah Abdelnasser Himed

Derrick Kelly Huynh **

Michael Bruce Jewett

David Michael Karalli **

Taylor Philip Keppel

Aaron James Kuo

Chelsea Lai

Zachary Wai-Ho Lau

Eric Alexander Lazbin

Gabriel Amir Lazrak

Brian Quang Thai Le

Christina Wing-Yan Lee

Andrew Li

Hancheng Li **

Derren Liang

Danna Lin

Justine Lin

Kyin Hui Lin **

Jackson Ja Long

Young Sung Lyun **

Xiaoya Ma **

Chet Alexander MacArthur

Juan Diego Martinez Garza

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Bachelor of Science in Electrical Engineering (continued)

Brianna McColm ✱✱

Ethan Anthony Mitchell

Avaneesh G. Murugesan

Connor Arman-Seyed Nasseraddin ✱✱

Allison Michelle Noe

Robert Canberk Ozturk ✱✱

Jasanpreet Kaur Pandher

Evan Clay Panson

Maguire Evan Papay

Junha Park

Guanli Qiao ✱✱

Jonathan Simcha Salman

Anthony Louis Santamaria

Karalyn Whitney Anne Sawchuk

Justin Muyot Shao ✱✱

Allan Shen ✱✱

Ruixuan Shen ✱✱

Alyssa Danielle Simmons

Shantinath Smyth ✱✱

Dan Song ✱✱

Evan Hao Su

Alethea Katherine Sung-Miller

Akira Suzuki ✱✱

Andrew Dewen Tang ✱✱

Eric Sheng Tang ✱✱

Madeline Kyomi Taylor

Igor Sergeevich Telnikh

Meredith Rene Tilley

Draco Tong

Brendan Hisao Towell

Vu Huy Tran

Daivik Parag Vadodaria

Ravi Varma

Gillian Marie Vaughn

Pragathi Venkatesh

Joshua James Walker ✱✱

Allen Tsingyuan Wang

Winston Mackenzie Wang ✱✱

Lucas Liem Wolter ✱✱

Michael Chi Hang Wong

Yonghao Wu

Isaac D. Xu

Kangwon Newton Yee

Yu-Wei Vincent Yeh ✱✱

Amy Yu

Jeffrey Lee Yu

Jiabao Zhai

Yunxuan Zhang

Sylvia Zheng ✱✱

Longtai Zhong

Candidates, Summer 2022

Pantha Barua

Vladimir Blas-Aquino

Kwonbeen Du ✱✱

Tianze Jiao ✱✱

Juan David Ortiz Nieves

Jake Thomas Reilly

Alexander Yan-Ming Tan

Harvey Songlin Yu

Sihan Zhuang ✱✱

BACHELOR OF SCIENCE (continued)

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

Conferred, Fall 2021

Chen Yu Li *

Conferred, Winter 2022

Lily Terese Demangos

Julia Ting Liang

Candidates, Spring 2022

William Samuel Abbott

Henry G. Ankhelyi

Tanya Alexandra Balandin

Adam Christopher Barsotti **

Sydney Madelynne Chang

Mya Michelle Cross

Joana Sofia De Lacerda Lopes Correia

Christopher Desmond Derdena **

Brianna Thi Duckworth

Bruce Patrick Giessel

Trevor Daniel Harriman

Nikhil Shiv Havanur

Maxwell Daniel Hegglin

Jenella Jiang

Sachin P. Kulkarni

Joshua Wei Han Lee **

Rachel Ariel Lipkin

Israel Avila Lucero

Emily Jean MacInnis

Kate Stephanie Mackessy

Garret Gregory May

Ashvin Nagarajan ♦ **

Savannah Grace Novencido

Claire Shen

Seth Ari Siegel

Jeremy Aidan Siu

Sarah Noelle Sleboda

Samuel James Sprotte

Kimberly Sung

Zachary Wu

Rongke Xu **

Noriki Franklin Yamane

Annie Yuan Zhao **

Candidate, Summer 2022

Laura Morales Ceja

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

Conferred, Fall 2021

Aidan Carrizales

Jeremi Antonio Garcia

Kevin T. Harvey

Cassandra May Hibbs

Pavan Kumar Jonnalagadda

Andrew Hanna Mourad *

Nik Shadzril Shahmi Bin Nik Adnan

Alexander A. Sergeev *

Saabir Rehman Syed

Ethan Jacob Wilcox

Conferred, Winter 2022

Joshua Paul Bridston

Tara Alexandra Mellor *

Yoav Paz-Priel ***

Michael Robert Pillado

Candidates, Spring 2022

Chris Kyrillos Badroos **

Casey James Baldwin **

Selin Berk

Charles Alexander Best

Gus Richard Billing

Alyssa Rose Boedigheimer

Cameron Thomas Bowers **

Hannah Elizabeth Brine

Cristina Marie Bryant

Natalie Adriana Cabral

Sagnik Chakraborty **

Yutong Cheng **

Megan Arwen DeMott

Brayden Thomas Diver

Jeremy Evan Fernandez

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Bachelor of Science in Aerospace Engineering (continued)

Thomas Edward Freedman

Shanley Dominique Galanto

Paul Hawkins **

Benjamin Addison Kooper

Justin Michael Kundert **

Karim Kuran **

Lok Him Lai **

Daniel Lin **

Chandler M. Luzsicza

Xiaohan Mei **

Alexander William Merenda

Lindsey Elizabeth Morrill **

Gavin Alastair Moss **

Eden Moyal

Aditya Drumil Munshi **

Zak Timothy Myers

Samuel John Newcomer

Konnor Austin Rainville

Luke Pahrut Rivers **

Connor Ellis Robertson

Abram Mackay Rogers

Leila Ali Salem

Timothy Aditya Simka **

Shai Alexander Skikne

Vivian Waiying To

David Loi Tran

Collin Matthew Turner

Nicholas Gen Wolff

Randa Yousef

Allan Xuyang Zhao **

Candidates, Summer 2022

Eric Ali Ghassemieh

Julio Jaimes

Varun Rathi

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Bachelor of Science in Mechanical Engineering

Conferred, Fall 2021

Ryan Daniel Alexander ◆

Justin Charis Chandra

Hwey-Ying Bethany Chang ***

Jay Dawson

Israel Garcia

Javier Carlos Gomez

Jin Jen

Alysa Kataoka

Amin Ebrahim Khatibi

Niravroh Laha

Justin Hien Lam

Zakary Robert Lang *

Jeremy Ryan Lim

Alexis Raquel Lopez

Zhiyang Lu

Xavier Munoz

Timothy Chase Overbeck

Dmitry Rusanov

Cole Makoto Ten *

Naravit Vichathorn *

Christopher Thomas Webber *

Conferred, Winter 2022

Andrew Steven Barrington

Sean Alexander Mun-San Velandia

Candidates, Spring 2022

Andrew Yeachan Ahn

Jeffrey Michael Anderson

Jack Michael Arnerich **

Benjamin Thomas Asdell

Petra Walid Azar

Juan Sebastian Banchs ◆ **

Robert Alexander Belshaw

Bryce Henry Bernhardt **

Sterling Rollyn Butler **

Tanner DeGraff Call

Rebecca May Celsi **

Dylan Jeremiah Channell

BACHELOR OF SCIENCE (continued)

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

Dylan Robert Chao	Christopher Luke Jawetz *	Elizabeth Lee Nail
Kevin John Chen	Tyler Jung	Joelle Marie Narducci
Iven F. Chen-Van Dyk	Vishal Kackar **	Brandon Charles Nelson
Vincent Daniel Cheng	Susan Ke	Jackson Kwang Hui Ng **
Katrina Victoria Concepcion	Michelle Min Seo Kim	Johnny Van Nguyen **
Carla Liliane Monique Cornillon	Nathan Young Jae Kim	Kelly Nguyen
Ethan Joseph Crawford	Oscar T. Knox White	Long Van Nguyen
Duncan Christopher Di Mauro	Phillip Ko	Tommy Van Nguyen **
Sarah Enayati	Jonathan Christian Kosasih	Kate Nicole Nystrom **
Howard Arthur Evans	Sriram Chowdari Kotta	Richard Allen O'Berg
Christian James Fallen	Gautham Krishnan	Sahith Obbu **
Bryce Andrew Fenenbock	Andy Yauhan Kwan	Liam Matthew Olive **
John Henry Field **	Heidi Hoi-Ying Kwong **	Lorenzo Ontiveros
Nicholas Scott Godshall **	Jaeinn Lee	Alexandra F. Orloff **
Trevor Jay Gomez **	Thomas Shing-Hong Lee **	Heebeom Park **
Suroosh Shahmardan Goshtasbi	Angeline Francisco Liu	Samuel James Pearson
Jacob Eli Greenwood	Jane Juan Liu **	Ethan Li Peng
Varun Gupta	Robert James Loiacono	Luke Samuel Peterson
Erin Audrey Hall	Arthur Louis Lovekin **	Catherine Anthonetta Pihl
Emerson Peter Todd Hardy	Ian Nicholas Marshall	Ashley Kate Prouty
Alexander Hedrick **	Conor Yi-Tung Mc Gartoll **	Yifei Qian **
Samantha Mac Hilton **	Bennett Jaxon McCarthy	Alec Sebastian Radtke
Riley James Hoff **	Alexander Angus McClelland	Prajakta Vijay Ranade
Saurin Robson Holdheim **	Zoe Adamae McDonald **	Jack Joseph Raventos
Dave Nikhil Hong **	Dawson Garrett Medlock	Katherine Anne Roney
Justin Jaren Huang	Jorge Alonso Mendoza	Kevin Rowe
Robert Huang	Naya Menezes	Zak Benjamin Ruiz Rubio
Sophie Huang	Kian Rod Mohseni	Odalys Sanchez-Mendoza
Michael Cameron Hughes	Sruti Munagala	Stephen William Schatz
Dorian R. Humbert	Michael Stephen Munguia **	Benjamin Joseph Seidl

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Bachelor of Science in Mechanical Engineering (continued)

Jacob Manny Serber *	Krystal Bing Yee Tsoi	<u>Candidates, Summer 2022</u>
Tyler Jonathon Serfas	Jeremiah John Vela-Murphy	Yuezhong Chen
Sonika Sethi *	Joshua Christopher Von Bergmann	Matthew Broughton Forbath
Benjamin Ryan Sharp **	Kenneth Kan Vuong	Taek Jeong Jung
Shyan Shokrzadeh *	Orsen Way	Alan Leung Wah Kwok
Benjamin Laurence Simmons **	Hannah Kathryn Wieck	Steve Luis Lopez **
Rosa Jie Son **	Yurika Yamada	Shuhao Lu
Christopher James Stapakis	Shawn Yazdani	Sruthi Mukkamala **
Jasper Sun	Jonathan Yongjoon Yoo	Brandon Michael Radford
Jingchao Sun	Alyssa Xiao Yu **	Chee Jian Tey **
Allaine Guarnes Taduran	Chao Yu **	William Allen Welch **
Reilly Terao	Yu Wei Yuan	Annalise Antonia Wulf
Karina Hsueh-Ting Ting *	Zachary Zhao Yuan **	
Thy Phuong Tran	Filip Miroslav Zacek **	
Roger Tieu Truong	Nicholas Chenlong Zhao	

AWARDS AND HONORS

SCHOOLWIDE AWARDS

Chancellor's Service Awards

Nelson Ndukwe Akwari, Doctor of Philosophy, Materials Engineering, Fall 2021

Aryan Arora, Bachelor of Science, Computer Science, Winter 2022

Juan Sebastian Banchs, Bachelor of Science, Mechanical Engineering, Spring 2022

Rakhi Banerjee, Bachelor of Science, Bioengineering Global Health, Spring 2022

Adam Bryce Clements, Bachelor of Science, Bioengineering, Spring 2022

Stephanie Yuewen Du, Bachelor of Science, Chemical Engineering, Spring 2022

Aidan David Hasegawa, Bachelor of Science, Civil Engineering, Spring 2022

Erika Hookasian, Bachelor of Science, Bioengineering, Summer 2022

Griffith Collwyn Hesketh Hughes, Bachelor of Science, Bioengineering, Spring 2022

John Eric Lama, Bachelor of Science, Bioengineering, Spring 2022

Kate Rory Nabours, Bachelor of Science, Chemical Engineering, Spring 2022

Kedaar Chaitra Sridhar, Bachelor of Science, Computer Science, Spring 2022

Matthew Xuehan Wang, Bachelor of Science, Computer Science, Spring 2022

Annie Yuan Zhao, Bachelor of Science, Materials Engineering, Spring 2022

Outstanding Bachelor of Science Degree Recipient

Emily Rose Dunn, Chemical Engineering, Spring 2022

The Harry M. Showman Prize Recipients

Vera Smirnova Koutnik, Doctor of Philosophy, Civil Engineering, Spring 2022

Wenzhong Yan, Doctor of Philosophy, Mechanical Engineering, Summer 2022

Griffith Collwyn Hesketh Hughes, Bachelor of Science, Bioengineering, Spring 2022

The Russell R. O'Neill Distinguished Service Award Recipient

Matthew Xuehan Wang, Bachelor of Science, Computer Science, Spring 2022

SCHOOLWIDE AWARDS (continued)

Engineering Achievement Award for Student Welfare Recipients

Juan Sebastian Banchs, Bachelor of Science, Mechanical Engineering, Spring 2022
Rakhi Banerjee, Bachelor of Science, Bioengineering, Spring 2022
Selin Berk, Bachelor of Science, Aerospace Engineering, Spring 2022
Allison Yirui Chen, Bachelor of Science, Computer Science, Spring 2022
Joana Sofia De Lacerda Lopes Correia, Bachelor of Science, Materials Engineering, Spring 2022
Stephanie Yuewen Du, Bachelor of Science, Chemical Engineering, Spring 2022
Eric Guillermo Estrada Oajaca, Master of Science, Civil Engineering, Spring 2022
Jack Bryson Gardner, Bachelor of Science, Computer Science and Engineering, Spring 2022
Ryeder J Geyer, Bachelor of Science, Electrical Engineering, Spring 2022
Trevor Jay Gomez, Bachelor of Science, Mechanical Engineering, Spring 2022
Dylan Kenneth Gunn, Bachelor of Science, Computer Science, Spring 2022
Aidan David Hasegawa, Bachelor of Science, Civil Engineering, Spring 2022
Shahrul Kamil Bin Hassan, Bachelor of Science, Electrical Engineering, Winter 2022
Griffith Collwyn Hesketh Hughes, Bachelor of Science, Bioengineering, Spring 2022
Andrew Zheng Kan, Bachelor of Science, Computer Science, Spring 2022
Christine Kim, Bachelor of Science, Computer Science, Spring 2024
Vera Smirnova Koutnik, Doctor of Philosophy, Civil Engineering, Spring 2022
Zachary Wai-Ho Lau, Bachelor of Science, Electrical Engineering, Spring 2022
Angela Chang Lu, Bachelor of Science, Bioengineering, Winter 2022
Steven Moran, Doctor of Philosophy, Electrical and Computer Engineering, Summer 2022
Lindsey Elizabeth Morrill, Bachelor of Science, Aerospace Engineering, Spring 2022
Sruti Munagala, Bachelor of Science, Mechanical Engineering, Spring 2022
Michael Stephen Munguia, Bachelor of Science, Mechanical Engineering, Spring 2022
Kate Rory Nabours, Bachelor of Science, Chemical Engineering, Spring 2022
Joelle Marie Narducci, Bachelor of Science, Mechanical Engineering, Spring 2022
Rohit Nema, Bachelor of Science, Computer Science, Spring 2022
Anabella Noguera, Bachelor of Science, Civil Engineering, Spring 2022
Alexandra F. Orloff, Bachelor of Science, Mechanical Engineering, Spring 2022
Shehan Muradali Parmar, Master of Science, Aerospace Engineering, Spring 2022
Ashley Kate Prouty, Bachelor of Science, Mechanical Engineering, Spring 2022
Spurthi Rallapalli, Bachelor of Science, Computer Science, Spring 2022
Nikhil Roashan Selvam, Bachelor of Science, Computer Science, Spring 2022
Param Tejas Shah, Bachelor of Science, Computer Science, Fall 2021
Benjamin Laurence Simmons, Bachelor of Science, Mechanical Engineering, Spring 2022
Lucas Hubert Tang, Bachelor of Science, Civil Engineering, Spring 2022
Caleb Dang Terrill, Bachelor of Science, Computer Engineering, Spring 2022
Kendrake Jay Tsui, Bachelor of Science, Computer Science, Spring 2022
Gillian Marie Vaughn, Bachelor of Science, Electrical Engineering, Spring 2022
Matt Xuehan Wang, Bachelor of Science, Computer Science, Spring 2022
Yurika Yamada, Bachelor of Science, Mechanical Engineering, Spring 2022
Bryant Jung-Yuan Yang, Bachelor of Science, Civil Engineering, Spring 2022
Annie Yuan Zhao, Bachelor of Science, Materials Engineering, Spring 2022

AWARDS AND HONORS (continued)

DEPARTMENT AWARDS

Bioengineering Department

Outstanding Doctor of Philosophy Degree Recipient

Pei Han, Spring 2022

Outstanding Master of Science Degree Recipient

Jasmine Thanh Trinh, Spring 2022

Outstanding Bachelor of Science Degree Recipient

Griffith Collwyn Hesketh Hughes, Spring 2022

Chemical and Biomolecular Engineering Department

Outstanding Doctor of Philosophy Degree Recipient

Siyao (Scarlett) Chen, Spring 2022

Outstanding Master of Science Degree Recipient

Berkay Citmaci, Spring 2022

Outstanding Bachelor of Science Degree Recipient

Emily Rose Dunn, Spring 2022

Civil and Environmental Engineering Department

Outstanding Doctor of Philosophy Degree Recipient

Kayden Haleakala, Spring 2022

Outstanding Master of Science Degree Recipient

Eric Guillermo Estrada Oajaca, Spring 2022

Outstanding Bachelor of Science Degree Recipient

Bryant Jung-Yuan Yang, Spring 2022

Computer Science Department

Outstanding Doctor of Philosophy Degree Recipient

Aayush Jain, Computer Science, Fall 2021

Outstanding Master of Science Degree Recipient

Ruochen Wang, Computer Science, Fall 2021

Outstanding Bachelor of Science Degree Recipients

Brandon Hoang Le, Computer Engineering, Winter 2022

Rohit Nema, Computer Science, Spring 2022

Cindy Zhang, Computer Science and Engineering, Spring 2022

Outstanding Graduate Research Award Degree Recipients

Tal Friedman, Computer Science, Summer 2021

Vidushi Dadu, Computer Science, Summer 2022

Licheng Guo, Computer Science

Siva Kesava Reddy Kakarla, Computer Science, Spring 2022

Electrical and Computer Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Shi Bu, Electrical and Computer Engineering, Fall 2021

Samer Sarwat Nageeb Hanna, Electrical and Computer Engineering, Fall 2021

Ping-Keng Lu, Electrical and Computer Engineering, Spring 2022

Outstanding Master of Science Degree Recipient

Xingyu Liu, Electrical and Computer Engineering, Spring 2022

Outstanding Bachelor of Science Degree Recipients

Brandon Hoang Le, Computer Engineering, Winter 2022

Dan Song, Electrical Engineering, Spring 2022

Departmental Scholars—Bachelor of Science, Master of Science

Jameson Zhang, Electrical Engineering, Fall 2021

Feiqian Zhu, Computer Engineering, Spring 2022

Christina Huang Memorial Prize Degree Recipient

Brianna McColm, Bachelor of Science, Spring 2022

Materials Science and Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Jin Huang, Summer 2021

Yepin Zhao, Fall 2021

Outstanding Master of Science Degree Recipient

Anne Cardenas, Spring 2022

Outstanding Bachelor of Science Degree Recipients

Ashvin Nagarajan, Spring 2022

Annie Yuan Zhao, Spring 2022

Departmental Scholar—Bachelor of Science, Master of Science

Ashvin Nagarajan, Spring 2022

Mechanical and Aerospace Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Stephen Anthony Samples, Aerospace Engineering, Fall 2021

Mathieu Jacques Philippe Le Provost, Mechanical Engineering, Winter 2022

Outstanding Master of Science Degree Recipients

Sarina Kiani, Aerospace Engineering, Fall 2021

Yasamin Foroutani, Mechanical Engineering, Winter 2022

Outstanding Bachelor of Science Degree Recipients

Yoav Paz-Priel, Aerospace Engineering, Winter 2022

Shyan Shokrzadeh, Mechanical Engineering, Spring 2022

Departmental Scholars—Bachelor of Science, Master of Science

Ryan Daniel Alexander, Mechanical Engineering, Fall 2021

Juan Sebastian Banchs, Mechanical Engineering, Spring 2022

AWARDS AND HONORS (continued)

Master of Engineering

Outstanding Master of Engineering Degree Recipient
Gorkem Camli, Summer 2022

Schoolwide Master of Science in Engineering Program

Outstanding Master of Science in Engineering Degree Recipients
Daniel Craigie Kivlovitz, Spring 2022
Austin David Pennington, Spring 2022

