

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

57TH COMMENCEMENT

JUNE 13, 2021



UCLA Samueli
School of Engineering

About UCLA Samueli	2
Program	3
Congratulations	4
Distinguished Speaker	5
Student Speaker	6
National Anthem Vocalist	6
Doctor of Philosophy	8
Engineer	18
Master of Science	19
Bachelor of Science	32
Awards and Honors	47
Student Leaders	51
Leadership	IBC

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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.

ABOUT UCLA SAMUELI

The UCLA Henry Samueli School of Engineering and Applied Science has more than 6,000 undergraduate and graduate students, 192 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 — from artificial intelligence to reverse osmosis, from mobile communications to human prosthetics. In 2021, UCLA became the first university to win an XPRIZE with a UCLA Samueli team that won a \$7.5 million grand prize turning carbon to concrete.

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 Samueli.

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

In 2000, the engineering school was re-named 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 added the Student Creativity Center — home to many of its student organizations, and the Innovation Laboratory — a makerspace for hands-on learning and creativity.

UCLA Samueli is consistently ranked in the Top 10 among U.S. public engineering schools and its online program is ranked No. 1 public and No. 2 overall in the nation by U.S. News & World Report.



PROGRAM

GABRIELINO/TONGVA LAND ACKNOWLEDGMENT

Gillian Marie Vaughn

Electrical Engineering

Bachelor of Science, Spring 2022

INTRODUCTION

Professor Yoram Cohen

Faculty Marshal, Presiding

Distinguished Professor, Chemical and Biomolecular Engineering

Rosalinde and Arthur Gilbert Foundation Chair

THE NATIONAL ANTHEM

Karin Olga Sinavsky '01, M.S. '03

SCHOOL WELCOME

Jayathi Y. Murthy

Ronald and Valerie Sugar Dean

COMMENCEMENT ADDRESS

Megan McArthur '93

Distinguished Speaker

STUDENT SPEAKER'S MESSAGE

Maeneka Grewal

Computer Science

Bachelor of Science, Winter 2021

PRESENTATION OF CANDIDATES FOR DOCTOR OF PHILOSOPHY, ENGINEER, MASTER OF SCIENCE AND BACHELOR OF SCIENCE

SPECIAL MESSAGE &

CLOSING REMARKS

Jayathi Y. Murthy

Ronald and Valerie Sugar Dean

CONFERRAL OF ALL DEGREES

MESSAGES OF CONGRATULATIONS

CONGRATULATIONS

from

President Michael V. Drake



Congratulations, UCLA Class of 2021! It is my honor to join your family, friends and the entire University of California community in celebrating you and your wonderful accomplishment. Amid historically challenging circumstances across the globe, you have worked hard, persisted and persevered, in pursuit of your UC education.

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.

UCLA alumnus and American hero Jackie Robinson once put it this way: “A life is not important except in the impact it has on other lives.” You leave UCLA with the knowledge, skills and confidence you need to go out into the world and create your future — and to change our planet for the greater good of all.

Your graduation is a milestone reflecting your resilience, your strength and limitless hope for the future. The world faces unprecedented challenges. 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 are behind you, cheering you on, and wishing for ease, joy and fulfillment in the path ahead of you.

Go forth, Bruins, and make the world a better, brighter place. Fiat lux — let there be light!

A handwritten signature in black ink that reads "Michael V. Drake".

Michael V. Drake, M.D.
President

CONGRATULATIONS

from

Chancellor Gene D. Block



Graduation is the culmination of many years of determination, diligence 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 as people.

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

You are entering an era that needs your creativity, brilliance and passion. This pandemic has taught us important lessons about vulnerability and inequality, but also about service, empathy and community. As we recover from the pandemic, you are well-equipped to contribute to the creation of a more prepared, more resilient and more just society.

At UCLA, we affirm values of compassion and inclusion, careful research and thoughtful analysis, innovation and collaboration. Those are the very virtues that will serve you as you make your way through this challenging moment and beyond.

This UCLA community you have been a part of, the community you helped create, and the broader alumni community you are now joining will be with you always. May they give you strength and inspiration.

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

Fiat lux,

A handwritten signature in black ink that reads "Gene D. Block".

Gene D. Block
Chancellor

CONGRATULATIONS

from
Dean Jayathi Y. Murthy



To the Class of 2021, on behalf of the faculty and staff of the UCLA Samueli School of Engineering, I want to offer our warmest congratulations to you on achieving this momentous milestone.

UCLA Samueli is world-renowned for its rigorous academic program and industry alliances. The many hurdles you have overcome and the experiences you have amassed will certainly shape you just as much as the knowledge you have learned and the skills you have acquired along this journey.

Even more so, during this pandemic, you have each faced perhaps the most daunting challenge for any graduating class in the 75-year history of the school. Through it all, you have shown remarkable resilience and ingenuity. Confronted with a wave of social injustice and rampant hate crimes, you have carried yourselves with extraordinary poise and dignity. Not only have you excelled in the pursuit of academic excellence, you have also embodied the true Bruin character that epitomizes service and community.

Today, as you leave UCLA Samueli with a coveted degree from one of the best engineering schools on the planet, you will carry the spirit of a problem-solving Bruin engineer with you no matter what your future endeavors entail. You now join other proud UCLA graduates who share an unyielding commitment to improving society and addressing 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. The UCLA Engineering community remains your biggest fan and will always welcome your active involvement. Go Bruins, march forward with confidence and intention as the world awaits your many inspirations.

Fiat lux,

A handwritten signature in cursive script, reading "Jayathi Y. Murthy".

Jayathi Y. Murthy
Ronald and Valerie Sugar Dean

DISTINGUISHED SPEAKER

Megan McArthur '93



Megan McArthur was selected as a NASA astronaut in 2000. She holds a Bachelor of Science degree in aerospace engineering from UCLA and a Ph.D. in oceanography from the University of California, San Diego where she performed research activities at the Scripps Institution of Oceanography.

McArthur served as a Mission Specialist aboard STS-125, the final space shuttle mission to the Hubble Space Telescope. The successful mission improved the telescope's capabilities and extended its life — it is still in operation today.

In completing her first space mission, McArthur has logged almost 13 days in space. She is currently serving as Pilot of the NASA SpaceX Crew-2 mission to the International Space Station, which launched on April 23, 2021.

STUDENT SPEAKER



Maeneka Grewal

Computer Science

Bachelor of Science, Winter 2021

Maeneka Grewal is getting her B.S. in computer science in winter 2021. During her past four years at UCLA, she was a campus tour guide, and a member of the DevX and Society of Women Engineers student organizations and the Kappa Kappa Gamma sorority. Grewal will join Microsoft as a full-time program manager this fall.

NATIONAL ANTHEM VOCALIST



Karin Olga Sinavsky

Bachelor of Science, Chemical Engineering, Spring 2001

Master of Science, Biomedical Engineering, Fall 2003

Dr. Karin Sinavsky earned her B.S. in chemical engineering and an M.S. in biomedical engineering at UCLA. As a Bruin, she sang “The Star-Spangled Banner” at a number of graduations for the Samueli School of Engineering. She went on to earn her M.D. at UC Irvine and completed residency training at UC San Francisco. Sinavsky works as an anesthesiologist and chronic pain physician at the San Francisco VA Medical Center, and is an assistant clinical professor in UC San Francisco’s Department of Anesthesia and Perioperative Care.

CANDIDATES



DOCTOR OF PHILOSOPHY

DEPARTMENT OF BIOENGINEERING

Doctor of Philosophy in Bioengineering

Conferred, Summer 2020

Joseph Michael De Rutte

*Probing the Ultimate Limits of Biology: Developing
Microparticle Platforms for High-Throughput Single-Cell Assays*

Sen Ma

*Simultaneous Quantitative Multiparametric MRI for In Vivo
Tissue Characterization Using Magnetic Resonance Multitasking:
Methodology and Clinical Experience*

Nan Wang

*Multi-dimensional Quantitative Dynamic Contrast Enhanced
Magnetic Resonance Imaging Using Multitasking:
Technical Development and Applications*

Conferred, Fall 2020

Daniel William Bradbury

*Nanotechnology for Improving Sensitivity and
Quantitative Capabilities of Paper-Based Diagnostic Devices*

Fatemeh Sadat Majedi

Biomaterials to Enhance T Cell Therapies
ADVISORS: Louis Bouchard, Dino Di Carlo

Nima Vahdati Nia

*Can a Self-Expanding Pediatric Stent Expand with an Artery?
Relationship of Stent Design to Vascular Biology*
ADVISORS: Daniel Levi, Dr. Shivkumar

Conferred, Winter 2021

Jiayun Li

*Large-Scale Whole Slide Image Analysis with Deep Learning Methods
to Improve Prostate Cancer Diagnosis*
ADVISORS: Denise Aberle, Corey Arnold

Jingwen Yao

*Development and Validation of pH- and Oxygen-Sensitive
Magnetic Resonance Imaging for
Metabolic Characterization of Glioma*
ADVISORS: Benjamin Ellingson, Denise Aberle

Candidates, Spring 2021

Brian Archer

*Applications of MRI in Tissue Engineering:
Environmental Control and Noninvasive Culture Surveillance*
ADVISORS: Louis-Serge Bouchard, Song Li

Yuhua Chen

*Development of Deep Learning Methods for
MRI Reconstruction and Analysis*
ADVISOR: Debiao Li

Nahn Hee Diane Kim

*Machine Learning and Quantitative Phase Imaging Applications
for Cancer Immunotherapy*
ADVISOR: Michael Teitell

Reyhaneh Nazarian

Soroush Niketeghad

*Invasive Neurophysiological Correlates of
Human Visual and Motor Systems*
ADVISOR: Wentai Liu

Chinmay Purandare

*Visual Cue Representation Without Movement or Task Demands
in the Rodent Hippocampus*
ADVISORS: Kalyanam Shivkumar, Mayank Mehta

Xing Haw Marvin Tan

Cell Traction Force Measurement Platforms
ADVISOR: Pei-Yu (Eric) Chiou

Yilian Wang

Microfluidic Platforms for Digitalized Biological Sample Processing
ADVISOR: Dino Di Carlo

Candidates, Summer 2021

Maani Meshkin Archang

*Engineered Microgel Technologies for Modulation and
Assessment of Immune Response*
ADVISOR: Dino Di Carlo

Giovanni Quinones Valdez

Function and Regulation of Nucleotide Variants in RNA
ADVISORS: Grace Xiao, Aaron Meyer

Karthik Sarma

Enabling Machine Learning on Clinical Data in Prostate MRI
ADVISOR: Corey Arnold

Alireza Sohrabi

*Brain-Mimetic, Three-Dimensional Hyaluronic
Acid-Based Hydrogels to Investigate Effects of the
Tumor Microenvironment on Glioblastoma Progression*
ADVISOR: Stephanie Seidlits

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Doctor of Philosophy in Chemical Engineering

Conferred, Summer 2020

Yu-Hsiao Chen

Engineering Escherichia coli to Grow on Methanol as the Sole Carbon Source

I-Wen Huang

Microfabricated Devices for the Detection of Neurotransmitters

Luke Minardi

Nanofibrous Materials for Improved Sorbent Performance in the Sorption-Enhanced Steam Methane Reforming System

Jie Ren

Novel Strategies for the Development of Protein Delivery Platforms

Ryan Thomas Sheil

Atomic Layer Deposition of Thin Films for 3D Lithium-Ion Microbatteries

Wenyue Shi

Rational Materials Design Enabling High Energy Density Lithium-Ion Batteries

Conferred, Fall 2020

Ernest Lloyd Chen

Effects of Plasma Etching on GeSbTe Compositional Control

Ximin Chen

Exploring the Effects of Chimeric Antigen Receptor Sequence on CAR-T Cell Function by Rational Protein Design

Shih-Wei Chuang

Exploring and Engineering Cyanobacterial Metabolism for Biofuel and Sugar Productions

Alec James Jaeger

A Robust Non-oxidative Glycolysis in a Model Organism for Efficient Biochemical Production

Xinru Li

Tuning Ion Transport by Functional Coordination Material for High-Performance Lithium-Ion Batteries

Xing Lu

Design and Synthesis of Nanostructured Materials for Flexible Lithium-Ion Battery

Zhe Wu

Machine Learning in Model Predictive Control, Operational Safety and Cybersecurity

Pengcheng Xu

Simulation on Rational Design for High-Performance Electrochemical Energy Storage

Chen Zhang

Metal-Organic Frameworks-Based Electrolytes for High-Performance Lithium-Ion Batteries

Conferred, Winter 2021

Mackenzie Simon Clay

Modeling and Simulations of Electroenzymatic Sensors in Vitro and in the Brain

ADVISOR: Harold Monbouquette

Kevin Fitzell

Engineering Interfacial Magnetolectric Effects in Ultrathin-Film Composite Nanostructures

ADVISOR: Jane Chang

Candidate, Spring 2021

Yichi Zhang

Multiscale Computational Fluid Dynamics Modeling of Thermal and Plasma Atomic Layer Deposition: Application to Chamber Design and Process Control

ADVISOR: Panagiotis Christofides

Candidates, Summer 2021

Farah M A A Aldweesh

Optimal Design of Intensified Processes
ADVISOR: Vasilios Manousiouthakis

Undramaa Bat-Erdene

Self-Resistance Enzyme Directed Genome-Mining for Fungal Natural Products and Enzyme Catalyses and One-Pot In Vitro Biosynthesis of Nepetalactol
ADVISOR: Yi Tang

Robert Dimatteo

Democratized Microdroplet Technologies for the Analysis of Single Immune Cell Secretions
ADVISOR: Dino Di Carlo

DOCTOR OF PHILOSOPHY (continued)

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

Conferred, Summer 2020

Unnati Rao

Exploiting Hydrophobic and Electrostatic Interactions for the Effective Removal of Aqueous Contaminants

ADVISOR: David Jassby

Agam Tomar

Seismic Risk and Resilience Modeling of Water Distribution Systems

ADVISOR: Henry Burton

Pengfei Wang

Predictability and Repeatability of Non-ergodic Site Response for Diverse Geological Conditions

ADVISOR: Jonathan P. Stewart

Conferred, Fall 2020

Huachen Cui

Additive Manufacturing and Characterization of Structural and Multi-functional Metamaterials via a Large-Area High-Resolution Stereolithography System

ADVISOR: Xiaoyu Zheng

Shahrazad Dastmalchi

Performance-Based Design and Assessment of Controlled Rocking Steel Braced Frames

ADVISOR: Henry Burton

Wei-Cheng Hung

Prevalence, Fate, and Co-selection of Heavy Metals and Antibiotic Resistance Genes in Urban and Agricultural Soils

ADVISOR: Jenny Jay

Nicholas Wade Johnson

Of Biofilms and Treatment Trains: Removing 1,4-Dioxane and Co-contaminant Mixtures from Water

ADVISOR: Shaily Mahendra

Dong Wang

A Data-Driven Seismic Damage Assessment Framework of Regional Highway Bridges

ADVISOR: Jian Zhang

Victoria Ann Whitener

The Role of Wastewater Treatment and Water Reclamation on Antibiotic Resistance in Water and Soil Environments in the United States and Mexico

ADVISOR: Jenny Jay

Zhengxiang Yi

Performance-Based Analytics-Driven Seismic Retrofit of Woodframe Buildings

ADVISOR: Henry Burton

Conferred, Winter 2021

Xingquan Guan

Performance-Based Analytics-Driven Seismic Design of Steel Moment Frame Buildings

ADVISOR: Henry Burton

Megyn Brynna Rugh

Methicillin-Resistant Staphylococcus aureus in Southern California Coastal Waters: Environmental Exposure to Humans and Stormwater Biofilters as a Preventative Solution

ADVISOR: Jenny Jay

Candidates, Spring 2021

Sarfraz Alam

Improved Understanding of the Climatic and Anthropogenic Drivers of Groundwater Depletion and Recovery in California's Central Valley

ADVISOR: Mekonnen Gebremichael

Peng-Yu Chen

A Data-Driven Framework for Regional Assessment of Seismically Vulnerable Buildings

ADVISOR: Ertugrul Taciroglu

Maryam Ghavanloughajar

Performance and Longevity of Stormwater Biofilter Media Under Hydrologic and Physical Stressors

ADVISOR: Sanjay Mohanty

Ryan Michael Hensleigh

Development of Materials and Processes for Additive Manufacturing of Multi-functional Microarchitected Devices

ADVISOR: Xiaoyu Zheng

Shashank Singh Kalra

Ultrasound and Fungi Mediated Degradation of Model Emerging Contaminants: Per- and Polyfluoroalkyl Substances & Nitrotriazolone

ADVISOR: Shaily Mahendra

Jinshu Li

Optimal Reservoir Operation Under Inflow Uncertainty

ADVISOR: William Yeh

Elham Moore

Experimental Study of a Non-Ductile Concrete Moment Frame Building Subjected to Biaxial Quasi-Static Seismic Loading

ADVISOR: John Wallace

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Doctor of Philosophy in Civil Engineering (continued)

Candidates, Summer 2021

Tien-Shu Chang

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

ADVISOR: Jiann-Wen Ju

Chia Miang Khor

Surface Electrochemical Processes for Separation

ADVISOR: David Jassby

Meng-Chen Lee

*Water Quality Mitigation Strategy Analysis of the Salton Sea
Using the Delft-3D Modeling Suite*

ADVISOR: Michael Stenstroms

Henan Mao

*Development of Validated Omni-directional Models for
Triple Friction Pendulum Bearings in Support of
Performance-Based Seismic Engineering*

ADVISOR: Ertugrul Taciroglu

Sheik Moinuddin

Wildlife Crossing over Route 101

ADVISOR: Michael Stenstrom

Yi Peng

*Seismic Performance Enhancement of Structures Using
Energy Dissipation Devices and Rocking Components*

ADVISOR: Jian Zhang

Alexandra Lapat Polasko

*Microbial Interactions with Water Contaminants and Surfaces:
Applications Ranging from Bioremediation to Biofouling*

ADVISOR: Shaily Mahendra

Yang Yang

*Characterization of Seismic Performance of Levees in the Delta and
Validation of Case Histories from Levees in Japan*

ADVISOR: Scott Brandenburg

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF COMPUTER SCIENCE

Doctor of Philosophy in Computer Science

Conferred, Summer 2020

Dat Bach Duong

Computational Methods for Leveraging Multiple Biodata Resources

ADVISORS: Eleazar Eskin, Kai-Wei Chang

Lun Liu

*Safe and Efficient Concurrency for Modern
Programming Languages*

ADVISOR: Todd Millstein

Renju Liu

Secure and Safe Edge Computing for the Internet-of-Things

ADVISOR: Mani Srivastava

Babak Moatamed

*Optimization of Reservoir Adaptation for Multivariate
Time Series Classification*

ADVISOR: Majid Sarrafzadeh

Saswat Padhi

Data-Driven Learning of Invariants and Specifications

ADVISOR: Todd Millstein

Elior Rahmani

*Capturing Hidden Signals from High-Dimensional Data and
Applications to Genomics*

ADVISOR: Eran Halperin

Yujia Shen

Modeling, Learning and Reasoning with Structured Bayesian Networks

ADVISOR: Adnan Darwiche

Liat Shenhav

Spatiotemporal Modeling of Microbial Communities

ADVISOR: Eran Halperin

Jin Wang

*Power, Performance and Scalability for Big Data Query Languages:
The Machine Learning Challenge*

ADVISOR: Carlo Zaniolo

Conferred, Fall 2020

Mohammad Kachuee

*Opportunistic Learning: Algorithms and Methods for
Cost-Sensitive and Context-Aware Learning*

ADVISOR: Majid Sarrafzadeh

Christian Gram Kalhauge

Reporting Bugs in Metaprograms

ADVISOR: Jens Palsberg

Youfu Li

*Declarative Languages and Systems for Transparency,
Performance and Scalability in Database Analytics*

ADVISORS: Carlo Zaniolo and Wei Wang

Zijun Xue

*Scalable Text Analysis with Efficient Distributed
Word Representation*

ADVISOR: Junghoo Cho

Huan Zhang

Machine Learning with Provable Robustness Guarantees

ADVISOR: Cho-Jui Hsieh

Diyu Zhou

Practical Dependable Systems with OS/Hypervisor Support

ADVISOR: Yuval Tamir

Conferred, Winter 2021

Minhao Cheng

On the Robustness of Neural Network: Attacks and Defenses

ADVISOR: Cho-Jui Hsieh

Candidates, Spring 2021

Jinghui Chen

*Evaluating and Understanding Adversarial Robustness in
Deep Learning*

ADVISOR: Quanquan Gu

Mark Edmonds

*Learning How and Why: Causal Learning and Explanation from
Physical and Interactive Environments*

ADVISOR: Song-Chun Zhu

Steven Holtzen

Scaling Languages for Probabilistic Reasoning

ADVISORS: Todd Millstein, Guy Van den Broeck

Jyun-Yu Jiang

Multi-scale Human Behavior Modeling with Heterogeneous Data

ADVISOR: Wei Wang

Seungbae Kim

*Modeling and Discovering Authentic and Effective Influencers on
Social Media via Graph Neural Network Learning*

ADVISOR: Wei Wang

Ang Li

Unit Selection Based on Counterfactual Logic

ADVISOR: Judea Pearl

DEPARTMENT OF COMPUTER SCIENCE

Doctor of Philosophy in Computer Science (continued)

Yitao Liang

Unified Representations for Learning and Reasoning

ADVISOR: Guy Van den Broeck

Hangxin Liu

*Robot Imitation by Action Understanding, Mirroring,
and Interactions*

ADVISOR: Song-Chun Zhu

Pan Xu

*Sample Efficient Nonconvex Optimization Algorithms in
Machine Learning and Reinforcement Learning*

ADVISOR: Quanquan Gu

Zhiyi Zhang

*Named, Secured Data: A Fundamental Building Block for
Secure Networking*

ADVISOR: Lixia Zhang

Zilong Zheng

*Multimodal Conversation Modeling via Neural Perception,
Structure Learning, and Communication*

ADVISOR: Song-Chun Zhu

Candidates, Summer 2021

Orpaz Goldstein

Cost Sensitive Machine Learning at the Edge

ADVISOR: Majid Sarrafzadeh

Joseph George Noor

Adaptive Distributed Systems Spanning Cloud-Edge IoT Networks

ADVISOR: Mani Srivastava

Lingxiao Wang

Towards Efficient and Effective Privacy-Preserving Machine Learning

ADVISOR: Quanquan Gu

Pei Wu

Communication and Complexity

ADVISOR: Alexander Sherstov

Jennifer Zou

*Computational Methods for Discovery and Prioritization of
Regulatory Elements*

ADVISORS: Jason Ernst, Eleazar Eskin

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical Engineering

Conferred, Summer 2020

Yan Zhang

*Baseband and LO Techniques with Integrated CMOS for
Wideband Millimeter-Wave Sensing*

Candidate, Summer 2021

Madhuri Suthar

*Physics-Inspired Computational Imaging for Machine Vision,
Drug Development and Cancer Immunotherapy*

ADVISOR: Bahram Jalali

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING Doctor of Philosophy in Electrical and Computer Engineering

Conferred, Summer 2020

Lucas Cesar Eduardo Cassano

Teamwork and Exploration in Reinforcement Learning
ADVISOR: Ali Sayed

Mahmoud M Rashad Ibrahi Elhebeary

*Schottky-Diode-Based Wake-Up Receiver and
Power Management Systems for IoT Applications*
ADVISOR: C.K. Ken Yang

Hamed Rahmani

*Integrated Wirelessly Powered Solutions for Medical Implants and
Internet of Things*
ADVISOR: Aydin Babakhani

Haozhan Tian

*Application of Coupled Modes in Compact Antenna and
Reflector Array*
ADVISOR: Tatsuo Itoh

Conferred, Fall 2020

Calvin Clifford Brown

*Computational Imaging and Sensing in Diagnostics with
Deep Learning*
ADVISOR: Aydogan Ozcan

Yahya Hussain Ezzeldin M A Essa

*Towards Low-Complexity Relay Selection and Scheduling in
Wireless Networks*
ADVISOR: Christina Fragouli

Chen-Kang Huang

Transient Plasma Effects in Optical-Field Ionized Helium Gas
ADVISOR: Chan J Joshi

Weiyu Leng

*Envelope Tracking Supply Modulator with Trellis
Search-Based Switching and 160 MHz Capability*
ADVISOR: Asad Abidi

Wenyuan Li

*Improving Data Efficiency on Histopathology Image Analysis
Using Deep Learning*
ADVISOR: Gregory Pottie

Zahra Mahmoodzadeh Poornaki

Trustable Deep Reinforcement Learning with Efficient Data Utilization
ADVISORS: Jonathan Kao, Ali Mosleh

Seyed Armin Razavi

*A Study of Spin-Orbit Torques and Deterministic Field-Free Switching
of Perpendicular Magnetization*
ADVISOR: Kang Wang

Kejian Shi

RF Front-End Circuits for FDD Radios: Duplexers and Receivers
ADVISOR: Asad Abidi

Cheng Tao

Scattering Properties of Nonperiodic Metasurfaces
ADVISOR: Tatsuo Itoh

Muhammed Veli

Machine Learning-Enabled Optical Sensors and Devices
ADVISOR: Aydogan Ozcan

Hongda Wang

*Deep Learning-Enabled Cross-Modality Image Transformation and
Early Bacterial Colony Detection*
ADVISOR: Aydogan Ozcan

Yingying Wu

*Magnetism in van der Waals Heterostructures:
Graphene/CrSe and WTe₂/Fe₃GeTe₂*
ADVISOR: Kang Wang

Yunxuan Yu

FPGA Overlay Processor for Deep Neural Networks
ADVISOR: Lei He

Conferred, Winter 2021

Arsalan Alam

*Development of FlexTrate™ and Demonstration of Flexible
Heterogeneously Integrated Low Form-Factor Wireless
Multi-Channel Surface Electromyography (sEMG) Device*
ADVISOR: Subramanian Iyer

Bayram Safa Cicek

Visual Learning with Weak Supervision
ADVISOR: Stefano Soatto

Yuxiang Liu

*Spin Waves in Magnetic Insulators: Electrical Control of Damping and
Low Dissipative Transmission*
ADVISOR: Kang Wang

Tianwei Xing

Deep Learning for Sensing in Complex and Dynamic Environments
ADVISOR: Mani Srivastava

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Doctor of Philosophy in Electrical and Computer Engineering (continued)

Candidates, Spring 2021

Usama Anwar

Power Transfer Techniques for Biomedical Implants
ADVISOR: Dejan Markovic

Li-Yang Chen

Pulsed-Coherent Lidar
ADVISOR: Chih-Kong Ken Yang

Zehui Chen

On Reliable Crossbar Resistive Memory and its Applications
ADVISOR: Lara Dolecek

Guanrong Hou

A 56-Gb/s 8 mW PAM4 CDR with High Jitter Tolerance
ADVISOR: Behzad Razavi

Haisong Lin

Wearable and Mobile Bioanalytical Systems for Health Monitoring at the Point-of-Person
ADVISOR: Sam Emaminejad

Ting Lu

Parametric Mixing and Amplification with Nonlinear Acoustics
ADVISOR: Yuanxun Ethan Wang

Seyyed Hossein Razavi

A Universal Receiver for sub-6 GHz Wireless Applications
ADVISOR: Behzad Razavi

Jean Paul Santos

Direct Antenna Modulation: A Novel Pathway in Developing High Efficiency Bandwidth Electrically Small Antennas
ADVISOR: Yuanxun Ethan Wang

Abhinav Kumar Vinod

Control, Measurement and Stabilization of Microresonator Frequency Combs
ADVISOR: Chee Wei Wong

Xiating Zou

Monolithically Integrated Time-Varying Transmission Lines (TVTL) for Tunable and Interference Resilient RF Front Ends
ADVISOR: Yuanxun Ethan Wang

Candidates, Summer 2021

Kannan Kalappurakal Thankappan

Process Reliability and Power Delivery for Silicon Interconnect Fabric Technology
ADVISOR: Subramanian Iyer

Manie Tadayon

Causal Inference in Education System
ADVISOR: Gregory Pottie

Leihao Wei

Using AI to Mitigate Variability in CT Scans: Improving Consistency in Medical Image Analysis
ADVISOR: Gregory Pottie

DOCTOR OF PHILOSOPHY (continued)

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING Doctor of Philosophy in Materials Science and Engineering

Conferred, Summer 2020

Ryan Henry Deblock

*Pseudosolid Electrolytes and Their Application in
Next-Generation Sodium-Ion Storage Devices*

ADVISOR: Bruce Dunn

Owen Suyuan Liang

*Exploring the Challenges of Advancing Surface Enhanced
Raman Spectroscopy-Based Biosensing from
Research Laboratory to Clinics*

ADVISOR: Ya-Hong Xie

Tait DeWitt McLouth

*Microstructural Control and Elevated Temperature
Mechanical Properties of Inconel 718 Manufactured by
Selective Laser Melting*

ADVISOR: Jenn-Ming Yang

Yue-Shun Su

*Nuclear Magnetic Resonance Study of Crystalline Polarized Rotors,
and Strontium Ruthenate*

ADVISORS: Bruce Dunn, Stuart Brown

Jingjing Xue

*The Role of Surface in Photovoltaic Perovskites:
From Quantum Dots to Bulk Thin Films*

ADVISOR: Yang Yang

Conferred, Fall 2020

Yang Chen

*Microelectronic Sensors and Actuators Based on Novel Stiffness
Variable Polymers*

ADVISOR: Yu Huang

Chungsuk Choi

*Designing Novel Catalysts to Convert Green House Gas to
Value-Added Fuels and Feedstocks*

ADVISOR: Yu Huang

Shiqi Dong

*Aqueous Degradation of Materials: Studies on Steel Corrosion and
Acoustically Stimulated Mineral Dissolution*

ADVISOR: Guarav N. Sant

Dominik Stemer

*Spin Selectivity in Photoemission from Self-Assembled Monolayers of
Chiral Molecules*

ADVISOR: Paul Weiss

Gongcheng Yao

*Fundamental Study of Nanoparticles Enabled
High Performance Copper*

ADVISOR: Xiaochun Li

Conferred, Winter 2021

Christopher Choi

*On-Chip Integrated Electrochemical Energy Storage Devices
Based on Photopatternable Solid Electrolytes*

ADVISOR: Bruce Dunn

Geena Linn Ferrelli

*The Effect of Resin Formulation and Processing on Stability of
UV Cured Precision Replicated Composite Optics*

ADVISOR: Jenn-Ming Yang

Zhixin Xie

*Microelectronic Sensors and Actuators Based on
Novel Stiffness Variable Polymers*

ADVISOR: Qibing Pei

Shiqi Zheng

*Fundamental Study on Nanoparticle Incorporation, Dispersion, and
Effects in Fe-Based Nonocomposites*

ADVISOR: Xiaochun Li

Candidates, Spring 2021

Zhihong Huang

Faradaic Transistor for Investigating Electrochemical Interface

ADVISOR: Yu Huang

Nilofar Shakoorzadeh Chase

Physics Based Reliability Analysis of the Silicon Interconnect Fabric

ADVISOR: Dwight C. Streit

Yichao Zhao

Wearable Biomarker Sensing Systems for Precision and Personalized

ADVISOR: Qibing Pei

Candidate, Summer 2021

Jin Xu

Broadband Control of Light-Matter Interaction

ADVISOR: Aaswath Raman

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Doctor of Philosophy in Aerospace Engineering

Conferred, Summer 2020

Gary Zhi Li

Plasma Sputtering Behavior of Structured Materials

Conferred, Fall 2020

Salvador Badillo-Rios

Effect of Chemical Kinetic Mechanisms on Turbulent Combustion

Elijah Weston Harris

Structure, Mixing, and Dynamics of Controlled Single and Coaxial Jets in Crossflow

Candidates, Spring 2021

Christopher Louis Haley

Attenuation of Hypersonic Boundary Layer Instabilities with Discrete Surface Features on Straight Blunt Cones

ADVISOR: Xiaolin Zhong

Kewei Ren

Design of Network of Coupled Oscillators and Distributed Control Synthesis

ADVISOR: Tetsuya Iwasaki

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Doctor of Philosophy in Mechanical Engineering

Conferred, Summer 2020

Sahba Aghajani Pedram

Towards Building Autonomy and Intelligence for Surgical Robotic Systems using Trajectory Optimization, Stochastic Estimation, Vision-Based Control, and Machine Learning Algorithms

Zhiyuan Cao

Data Driven State Estimation in Distribution Systems

Tiphaine Galy

Computational Material Synthesis and Electromagnetic Wave Scattering in Particle Aggregates and Mesoporous Monoliths and Films

Zeyi Guan

The Fundamental Study of Nanoparticle Effects in Metal Matrix Nanocomposite for Biomedical Applications

ADVISOR: Xiaochun Li

Daniel Dohyun Lee

Laser Absorption Spectroscopy Techniques for Determining Gas Properties in High Pressure Rocket Combustors

Ampol Likitchatchawankun

Heat Generation and Degradation in Electrochemical Capacitors

Debora Taylor Ludeke

Natural Oscillation for Undulatory Locomotion and Optimal Autonomous Pattern Formation

Changyeob Shin

Vision-Guided Autonomous Surgical Subtasks via Surgical Robots with Artificial Intelligence

Maximilian Sokoluk

Fundamental Study on Nanoparticle Interaction with Hot Crack Susceptible Aluminum Alloys During Arc Welding

Conferred, Fall 2020

Michael Andonian

Design, Control, and Analysis of an Electrostatic Bearing

ADVISOR: Robert T M'Closkey

Fabio Andres Bendana

Shock Tube Kinetics and Laser Absorption Diagnostics for Liquid- and Hybrid-Propellant Rocket Combustion Analysis

Wadie Chalgham

System-Level Prognosis and Health Monitoring Modeling Framework and Software Implementation for Gas Pipeline System Integrity Management

Yi-Jui Chang

A Particle Method for Multiphase Mechanics Simulation

Samira Chizari

Advancing Two-Photon Lithography by Integrating Microfluidics and Optical Tweezers

DOCTOR OF PHILOSOPHY (continued)

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

Navid Dehdari Ebrahimi

*Fluid Dynamics, Heat Transfer, and Power Efficiency of
Piezoelectrically Actuated Pitching Plates for
Low-Power Thermal Management*

Lecheng Ruan

*Independent Position and Attitude Control on
Multirotor Aerial Platforms*
ADVISOR: TSU-CHIN TSAO

Christopher Shaffer

*Self-Programming Neuromorphic Integrated Circuit for
Intelligent Systems*

Wai Hong Tai

*Detection of Hidden Defects in Stiffened and Fiber-Metal Laminate
Composite Aircraft and Aerospace Structural Components
Using Ultrasonic Guided Waves*

Conferred, Winter 2021

Weicheng Huang

Computational Methods in Slender Structures and Soft Robots
ADVISOR: Khalid Jawed

Warren Isamu Nadvornick

*Erosion and Thermomechanical Behavior of Metallic Foams in
Plasma Environments*
ADVISOR: Nasr Ghoniem

Candidates, Spring 2021

Ali Mohammad A Alshehri

Active Augmentation of Breath Figure Condensation
ADVISOR: Pirouz Kavehpour

Yuzhen Chen

Harnessing Mechanical Instabilities to Design Functional Materials
ADVISOR: Lihua Jin

Miguel Angel Plascencia Quiroz

*Combustion of Liquid Nanofuels and Reactive Processes in
Liquid Rocket Engines*
ADVISOR: Ann Karagozian

Candidate, Summer 2021

Sahar Andalib

*Binary and Multi-component Droplet Evaporation:
Experimental and Data-Driven Techniques*
ADVISOR: Pirouz Kavehpour

DEGREE OF ENGINEER

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Conferred, Summer 2020

Hsinhung Chen

MASTER OF SCIENCE

DEPARTMENT OF BIOENGINEERING Master of Science in Bioengineering

Conferred, Fall 2020

Kaitlyn Alexis Cook
Zijun Cui
Jacob Amos Hambalek
Farhana Haque
Brooke Ann Jackson
Wei-Chia Luo
Hazar Benan Unal
Bowen Wang
Zichen Wang

Conferred, Winter 2021

Tianle Cao
Junzhou Chen
Zihao Chen
Ge Fang
Shihan Qiu
Jenna Wahbeh
Dilek Mirgun Yalcinkaya

Candidates, Spring 2021

Christian James Au
Cole David Benyshek

Conferred, Summer 2021

Minh Quang Cao
Rajesh Ghosh
Helia Hosseini
Brian Thomas Orcutt-Jahns
Bhavna Ramesh
William Charles Schmidt
Chaowei Wu
Ran Yan

Candidates, Summer 2021

Helia Hosseini
Ruiqi Huang

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

Conferred, Fall 2020

Anas Saleh N Al Aqeeli
Sevana Baghdasarian
Roxanne Castillo
Vaqar Mustafa Shah Syed

Conferred, Winter 2021

Celine Tesvara

Candidates, Spring 2021

Zahra Nasser Almisbaa
Bowen An
Arkadeep Bhattacharya
Demetrios Spirakis Chaconas
Xi Chen
Aarsh Nilesh Dodhia
Campbell Andrew Neil Donnelly

Conferred, Summer 2021

Yu-Chao Huang
Jun Ke
Yangcheng Liu
Junwei Luo
Sungil Yun
Weibin Zheng

MASTER OF SCIENCE (continued)

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

Conferred, Fall 2020

Naomi Adams	Kyle Avery Brisacher	Chenghao Lyu
Nachiket Bukkambudhi Prasannakumar	Nicholas Peter Brown	Omar Mansour
Sergio Cedano	Alexa Camacho Sanchez	Liz Menendez Suarez
Carlos Alejandro Garcia Gomez	Yuzhe Cao	Gonzalo Guadalupe Munoz
Xingquan Guan	Tiffany (Tsandi) Chen	Arya Nanda
Mathias Christian Haindl Carvallo	Cheston Cheung	Nie Nie
Kathy Qeyuan Ho	Keanu Yun Hun Chow	Timothy Martin O'Donnell
Honglan Huang	Kevin Eaton Clack	Zheqi Pan
Mahmoud Anis Gad Khalil Mahrous	Steve Diaz	Elizabeth Raquel Paz
Rocio Martinez Martinez	Reion Richard Rillera Domingo	Natalia Ramirez
Rouhin Mitra	Imani Chantal Elston	Sarah Rocha
Seyedeh Arezoo Razavizadeh	Robert Peter Faber	Keri Ann Scholte
Nishanth Senthilkumar	Karin Kiyomi Finney	Kshitija Nirmal Shah
Isha Kunhal Shah	Kin Man Fok	Yingjiang Tang
Hang Su	Victoria Marie Friesen	Runyun Wang
Boxiang Tang	Pooja Gupta	Sir Lathan LaRocque Wynn
	Mathew Michael Gutierrez	Joshua Sal Yacoby
	Carlee Ann Hasenin Rohr	Ziqi Zhang
	Meng He	Jielin Zhao
	Chareen Hsai	
	Karina Jimenez	<u>Candidates, Summer 2021</u>
	Donald Cornett Land	Ching Yu Chuang
	Scott Michael Lenz	McKenzie Lynn Fowler
	Dona Jamie Leonard	Jerry Ngo
	Sen Liu	

DEPARTMENT OF COMPUTER SCIENCE

Master of Science in Computer Science

Conferred, Summer 2020

Robert William Griffith

Kevin Andy Hsieh

Conferred, Fall 2020

Surya Teja Addanki

Jules H Ahmar

Millan Batra

Scott Hamilton Bauersfeld ♦

Jonathan Chee

Cheng Chen

Cian Kai-Yi Costello

Amrith Deepak

Junyu Guo

Yang Guo

Joe Halabi

Matthew Hickey

Yining Hong

Pin-Chun Hsu

Allen Yue Huang

Yuanhao Jia

Jintao Jiang

Cibi Pragadeesh Kaliappa Arjun

Kwang Jun Kim

Siqi Liu

Xiaojian Ma

Kaushik Mahorker

Rahul Koundinya Malavalli

Andres Martinez Paz

Rajas Prafulla Mhaskar

Shihao Niu

Ohm Prakash Pagolu

Thomas Pan

Cheng Peng

Satya Prakash

Attiano Edmund Purpura-Pontoniere

Zhe Qu

Ritam Jyoti Sarmah

Harish Sekar

Aishwarya Sivaraman

Chenlei Song

Willie Wu

Amir Ali Yazdi-Nejad

Carolyn Yen

Shaochong Zhang

Qingyi Zhao

Conferred, Winter 2021

Daniel Achee

Gabriel Biren

Victor Chang

Keyu Chen

Wei-Ting Chen

En-Hung Chu

Jo-Chi Chuang

Tyler Austin Davis

Joseph Ganley

Saiyang Gou

Licheng Guo

Yaowei Guo

Shijia Hu

James Yipeng Huang

Jeannie Huang

Yanru Jhou

Siddharth Joshi ♦

Yu-Chi Lee

Yu-Chen Lin

Gaohong Liu

Hanyao Liu

Mukund Mundhra

Andrew Oeung

Zhufeng Pan

Shuangmu Peng

Jinwei Ren

Nishant Sabharwal

Rahul Salvi

Hengda Shi

Atefeh Sohrabzadeh

Ajithkumar Sreekumar

Arvind Krishna Sridhar

Aakash Srinivasan

Ying Sun

Meet Taraviya

Shen Teng

Jiapeng Wan

Tianchen Wang

Yizhao Wang

Su Yong Won

Howard Xie

Po-Chun Yang

Qiyue Yao

Bowen Zhang

MASTER OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE

Master of Science in Computer Science (continued)

Chong Zhang

Xin Zhang

Zhe Zhang

Candidates, Spring 2021

Saibalaji Atmakuri

Anirudh Balasubramaniam

Sitao Chen

Ximing Chen

Sidharth Dhawan

Surya Dwarakanath

Adrien Hadj-Chaib

Edward (Eddie) Huang

Jingle Huang

Yuhui Huang

Arpit Jasapara

Madhumathi Kannan

Kerim Doruk Karinca

Ki Jung Kim

Eric Kong

David Lee

Zongze Li

Benlin Liu

Shaan Mathur

Daniel Meirovitch

Scott Mueller

Hannah Nguyen

Botong Ou

Emma Kate Peterson

Di Qu

Deeban Ramalingam

Marlin Rodriguez

Atharv Sakhala

Jingyue Shen

Taixing Shi

Jiaxin Su

Lucas Tong

Travis Tu

Isha Verma

Ruochen Wang

Yanrong Wang

Liran Xiao

Xiuxian Xu

Xinyang Zhang

Langhao Zhong

Zixuan Zhong

Hao Zhuang

Candidates, Summer 2021

Yu Yang

Alejandro Zapata Acosta

Tianyu Zhang

Yujun Zhao

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Master of Science in Electrical and Computer Engineering

Conferred, Summer 2020

Yash Sanjay Mehta
Masoud Monajatipoor
Yuting Tang
Tiandong Zhao

Conferred, Fall 2020

Aisha M A S Alnajdi
Xe Jin Chan
Calvin Chang
Andrew Zuming Chen
Christopher Enhung Chen
Mark Yenyu Chen
Aidan Ulysses Cookson
Yinghan Cui
Julian De Gortari Briseno
Mandar Sanjay Deshpande
Siddharth Narendra Dharm
Pranjal Dixit
Hexiang Dong
Di Gao
Max Chung-Chak Gong
Hannaneh Hojaiji
Weibo Hong
Hongjia Huang
Xinghe Jiang
Yuhong Jiang
Te-Yi Kan
Michael Kim
Kuan-Min Lee

Zhao Lei

Jia Li
Che-Hsien Lin
Xinran Lou
Hidemasa Vincent Mitsui
Eilam Morag
Nicole Hashmia Nadim
Vishruta Vittal Nayak
Suparno Pal
Siyuan Peng
Tadi Ravi Teja Reddy
Edward Saad
Gheorghe Valerian Schreiber
Yifei Tang
Daniel Dien Kim Truong
Anusha Anjani Vemuri ♦
Naga Sree Theja Voora
Chenyang Wang
Chenyu Wang
Neng Wang
Zeyu Wang
Heng Wei
Ruiyi Wu
Yifan Xu
Shengze Ye
Haochen Yin
Patrick Yin
Jiawei Zhang

Conferred, Winter 2021

Shivang Agarwal
Javier Carmona Jr
Hou Pong Chan
Jiangtao Chen
Yifei Chen
Sakthi Visalakshi Chidambaram
Yunpeng Ding
Mason Ernest Fordham
Wanli Gao
Mohit Garg
Rahul Garg
Arunabh Ghosh
Iman Habibagahi
Haonan Huang
Luzhe Huang
Weiting Ji
Yueying Jin
Akshay Joshi
Chandan Kumar Kethamaranahalli
Ravikumar
Fuzail Mujahid Khan
Mohit Kherwa
Alexander Christian Kuthi
Nathan James Lang
An Quang Binh Le
Jon Lee
Jinchi Li
Yongxi Li
Ziqi Li

MASTER OF SCIENCE (continued)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Master of Science in Electrical and Computer Engineering (continued)

Loic Kieran Gaillard Maxwell

Qiao Mi

Archana Nagarajan

Matthew Carter Nicholas

Amirali Omidfar

Kushagra Rastogi

Rohan Rajesh Surve

Chinmay Talegaonkar

Hanqing Wu

Shuo Yang

Hancheng Yu

Rong Zeng

Yifan Zhang

Siyuan Zhao

Xingjian Zhao

Dana Zuo

Candidates, Spring 2021

Muratkhon Abdirash

Akhil Vighnesh Avula

Ruixiao Bai

Shashank Raghava Balla

Stephen Bauer

Bryan P. Bednarski

Jarrah Bergeron

Sunay Gajanan Bhat

Tianyang Cen

Ege Cetintas

Pradyumna Chari

Menghan Chen

Ying-Huan Chen

Youtian Chen

Yuxuan Chen

Jason Christopher Chung

Mine Gokce Dogan

Benjamin William Domae

Berkin Durmus

Rohan Dutta

Wansu Fang

Yuhao Feng

Qian Gao

Pranshu Garg

Pratyush Garg

Mark Sam Geha

Ushasi Ghosh

Min Soo Han

Qiong Hu

Joseph Jasper Hwang

Viacheslav Inderiak

Riyya Hari Iyer

Yunhao Ji

Krish Kabra

Jason Kao

Enes Krijestorac

Logan Hwa-Hsi Kuo

Samurthi Leuke Bandara Karunaratne

Chaohao Li

Yifei Li

Yunhui Ma

Glen Meyerowitz

Shreya Moonka

Mark Thomas Nasielski

Arelys Gabriela Navarro

Elvis Nunez

Kaan Ozkara

Yueyang Pan

Mohamad Rida Amer Rammal

Ananya Ravikumar

Kevin Andrew Ross

Swapnil Sayan Saha

Mindy Saylor

Kanan Schmid

Qingyuan Shu

Haris Suhail

Dana Thomas Tovey

Can Xuan Vu

Jesse-Clemens Q Wang ♦

Jinhan Wang

Zhengqi Wu

Haozhen Xu

Bing-Chen Yang

Xi Ye

Tariq Ryan Yousuf

Emi U. Zeger ♦

Xiaoran Zhang

Xiao Zhao

Candidates, Summer 2021

Thomas Garcia

Jennifer Nichole Quintana

Jasmin Singh

Yunzheng Zhu

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Master of Science in Materials Science and Engineering

Conferred, Summer 2020

Ruoxia Chen

Shaoyou Su

Conferred, Fall 2020

Julen Ariztoy Aznar

Joonho Gha

Ko-Ching Hou

Deliang Liu

Conferred, Winter 2021

Neel Vijay Bhuskute

Eric Thomas Fusselman

Manoj Aravind Sankar

Chun-Ju Wei

Anni Zhang

Candidates, Spring 2021

Alex Cheng

Ke En

Mingfei He

Yin Jin

Tung-Tung Lin

Yansong Ling

Meghana Maddala

Haoxiang Ren

Kyle Austin Salisbury

Victor Tran

Jialun Zhu

Candidate, Summer 2021

Justin Alexander Wolfman

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Master of Science in Aerospace Engineering

Conferred, Summer 2020

Mikela Dewey Ritter

Conferred, Winter 2021

Alonzo Ernesto Lopez

Jared Michael Magnusson

Candidates, Spring 2021

Gavin Michael Butler

Mary Frances Konopliv

Kyle Angelo Caniezo Pagdayunan

Bhav Girish Patel

Jacob Conor Rork

Leland Tatsuo Shimizu

Yvonne Thoy

Zihao Zou

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Master of Science in Manufacturing Engineering

Candidate, Spring 2021

Maximilian Liese

MASTER OF SCIENCE (continued)

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

Conferred, Summer 2020

Ritanshu Raj Dokania

Conferred, Fall 2020

Barbara Varty Boyajian

Vasudevan Chandramouli

Wentao Chen

Abdullah Tahir Choudhry

Paawan Garg

Claire Hsu

Angelica Ottaviano

Edwin Rachmawan

Chirawat Chriss Sanpakit

Deming Sun

Jacob Forrest Tims

Conferred, Winter 2021

Loveneet Singh Dhillon

Anthony Martin Gildemeister

Rishav Guha

Shengkai Peng

Jiehao Zhuang

Candidates, Spring 2021

Vimalaswar Babureddy

Josue Jared Castillo Martinez

Andy Choi

Kayli Rei Chun

Ganesha Srivallabha Durbha

Jessica Rose Flohn

Alexander Matthew Gaal

Benjamin Jonathan Gerber

Yalda Hooshyar

Yusen Huang

Ziyu Huang

Shahad Jawad

Min Jong Kil

James Hotak Lam

Alexander Bodell Lima

Sam (Yi-Hsien) Liu

Matthew Xiaoyu Ma

Anthony Jay Mannion

Tyler Austin Mccown

Bryan Dang Nguyen

Peter Karim Rizko

Nathan Thomas Rooke

Nicholas Trainor Roskop

Baldeep Singh Sandhu

Dennis Xin Shen

Paymon Shirazi

Austin Ho-Man Tang

Andy Pk Tran

Jonathan Kenhun Wong

Ryan Christopher Wong

Brian Michael Yee

Li-Ming Richard Yeong

Candidate, Summer 2021

Savya Vijay Agarwal

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering

Conferred, Summer 2020

Karim Oussama Arabi

Mark Gong

Rami Hussein

Katy Monica Kolasinski

Kevin James Lemen

Khang Tai Lu

Christopher Joseph Shaffer

Jonathan Da Chuan Tan

Allen Van Tran

Conferred, Fall 2020

Satheesh Appukuttan

Dennis Yuntae Cha

Ivan Paul Cheng

Kenneth Edward Criddle

Harris Ching Crozier

Adan De La Cruz

Danny Depe

Michael Duong

Luiz Salsa Galdino

Travis Hack

Howard Huang

Rebecca Ann Janshego

Sridivya Kondapalli

Kevin Manocheri

Jacob Muench

Stephen Joseph Newman

Tyler Scott Oeth

Conferred, Winter 2021

Bruce Laurence Cooley

Courtlan Michael Hall

Zachary Brooke Hoyer

Bethany Marie Jarvis

Jihoon John Kim

Justyn De Li

Cassandra Rose Joung Meyer

Steve Nam

Jonathan Gabriel Quismundo Newman

Derek Duc Thinh Nguyen

Milin J. Patel

Gabriel John Pillitiere

Elden Santos Suratos

Vivian Wan-Ru Tseng

Philip Wu

Jing Skylar Yang

Candidates, Spring 2021

Jerry Tzu Yang Chien

Jeffrey William Hutton

Paul Scott Killam

Anastasia Clower Laity

Romulo Magallanes

Cho Dean Miller

Christopher David Munoz Cortes

Joseph Paul Parsons

Jingyou Qu

Brett David Stark

Jordan Charles Toland

Aaron Watson

Candidates, Summer 2021

James Barrett Atwell

Rajeev Bellamkonda

Austin Forrest Copeland

Michael James Foster

Katelyn Nicole Gerlach

Yuntian Wang

MASTER OF SCIENCE (continued)

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

<u>Conferred, Summer 2020</u>	<u>Conferred, Winter 2021</u>	Danielle Lea Culver
Brandon Hunter Bell	Drew Michael Boggio	Jacob Samuel Russo
Alejandro Castillo	German Lara Garcia	Jake Tyler Singh
Murat Piker	Alexander Yiu Chung Kwok	Alex-Tien Le Tran
	Ted Lebantino	
<u>Conferred, Fall 2020</u>	Julianna Carroll Lindsay	<u>Candidates, Summer 2021</u>
Kristina Rose Aspey		Juan Pablo Bahena Jaimes
Kimberly Jacqueline Jenks	<u>Candidates, Spring 2021</u>	James Michael Falcone
Vincent Chee-Chin Lee	Christopher Andres Bellido	
Vanessa Maria Salcedo Escalante	Nicholas Michael Bley	

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

<u>Conferred, Summer 2020</u>	<u>Conferred, Fall 2020</u>	<u>Conferred, Winter 2021</u>
Jake Tsuyemura	Vernice Rodil	Robert Brian Kinney

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

<u>Conferred, Summer 2020</u>	<u>Conferred, Winter 2021</u>	Tara Jean Keigharn
Lini Mestar	Luz Imelda Comparan	Kevan Hurfoong Loo
	Nicholas Sid Hedjazi	Sean Patrick McGough
<u>Conferred, Fall 2020</u>	Fernan Austin Reginaldo Suela	Alex Hoitin Sin
John Steven Linehan	Alvin Hee Yang	
An Thien Nguyen	Kevin Hee Yang	<u>Candidates, Summer 2021</u>
David Benjamin Rosenwasser		Diego Adrian Bravo
Jeffrey Lee-Yang Tsou	<u>Candidates, Spring 2021</u>	Ricardo Pelayo
Ming Wang	Trevor James Gesell	Sudarsan Pranatharthikaran
	Shaenah Hernday	

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Electronic Materials

Conferred, Fall 2020

James Le Wang

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Integrated Circuits

Conferred, Winter 2021

Medhi Abderezai

Candidates, Spring 2021

David William Barnes

Timothy Allen Linehan

Michael Owe Toennies

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Manufacturing and Design

Conferred, Summer 2020

Andrew Thornton Petty

Conferred, Fall 2020

Sheldon Jarid Simon

Conferred, Winter 2021

Matthew Lyman Brown

SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Materials Science

Conferred, Summer 2020

Nicole Alexandra Carpentier

Conferred, Winter 2021

Michael James Grotke

Candidates, Spring 2021

Alexander Shay Allevato

Philip John Brobeck

Nomaan Shaikh Hussain

Candidates, Summer 2021

Saheena Desai

Kent Qiujing Zhao

MASTER OF SCIENCE (continued)

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

Conferred, Summer 2020

Krunal Bipin Mistry

Conferred, Fall 2020

Andrew Tiem-Yen Chang

Janey Grace Dobbs

Jeffrey Robert Dyer

Isaac Adam Guzman

Kyler Akira Kitani

Karl Michael Cameros Reyes

Alex Ruiz

Nicole Diane Schoenborn

Celena Staff

Emily Woods

Conferred, Winter 2021

Gary James Chao

Robin Kay Felver Jacobson

Joseph Sungho Koh

Casey Holden Magid

Nathaniel Haywood Perkins

Juan Genaro Sanchez

Jarrett Wingate

Rachel Elizabeth Zilz

Candidates, Spring 2021

Collin Matthew Alexander

Neil Anthony Arana

Imer Jasiel Del Cid Lemus

Pheng Lee

Jonathan Michael Lewis

Sergio Yoshio Linares

Tri Huu Luong

Javier Julian Martinez

Christian James Neuhaus

Daiana Bianca Partiu

Matthew Pradjanata

Manav Hemal Sanghvi

Aaron David Santos

Calvin Huy Tran

Candidates, Summer 2021

Randy George Ballat

Bradford Louis Cherry

Christopher Michael Gonzales

Lauren Elizabeth Rueda

Christopher C'habo Vincent

Yongjoon Youn

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

Conferred, Fall 2020

Micah Allen Cliffe

Ashley Marie De Wolfe

Akash Bharat Patel

Conferred, Winter 2021

Justin Su

Candidate, Spring 2021

Ryan van den Vlekkert



SCHOOLWIDE MASTER OF SCIENCE IN ENGINEERING PROGRAM

Master of Science in Engineering-Structural Materials

Conferred, Fall 2020

Kimberly Lynn Caruso

Lisa Tsai Cheah

Theodore Rhodes Jenkins Curtiss

Conferred, Winter 2021

Nicholas Ryan Douglas

Candidate, Spring 2021

Hayden Taylor Karich

BACHELOR OF SCIENCE

DEPARTMENT OF BIOENGINEERING

Bachelor of Science in Bioengineering

Conferred, Summer 2020

Bao Dinh Nguyen *

Conferred, Fall 2020

Solana Brandee Fernandez

Tianqing Li ***

Conferred, Winter 2021

Anna Victoria Bekhtel

Austin Chang

Christina Lee Debenedetto ***

Alexia Chantha Jaotegan Diaz

Huy Gia Dinh *

Nicolas Erico Ignacio Escudero

Pedram Heidarpour

Jeremy Abraham Huang *

Stephen Dean Lees

Emily Lauren McKeever

Dylan Namkha Nguyen **

Dennis Vinh Pham

James Ryan Popoli

Steven Mitchell Popoli

Mayilone Sathialingam ***

Cyrus Shokoohi

Stephanie Mae Tamayosa *

Robin Tuscher *

Dimei Mary Wu

Daojia Rosie Zhou *

Candidates, Spring 2021

Anushka Ahmed

Paige Nicole Baker

Grant Harrison Bennett

Michael Bick **

Teyam Birgani

Ahanti Bommireddipalli

Nathan Sunwoo Cha

Amanda Oi-Yin Chan **

Janice Annabelle Chang **

Linnet Y Chang

Kayla Choi

Alexis Natsumi Corl

Swarna Prava Das

Rini Manoj Desai

James Valenti Eichenbaum

Sarah Maria Esparza

Christina Marie Gallup **

Hannah Yifei Han

Neemias King-Hey Hung

Parsa Iranmahboub **

Dai An Jiang

Kecheng Kao **

Jorge S. Kcomt Del Rio

Nuri Kim

Gichan Lee

Alexandra H. Li

Ruotong Li **

Daniel Lu

Philip Lue **

Sofie Fackler Madsen

Idan Michael

Alexa R Minervini

Varshni Nandakumar **

Simon Alexander Ng **

Jaallan P. Prabakaran **

Samantha Nicole Rafeedie

Christina Elizabeth Rice

Sam Roth **

Milo James Worley Ryan **

Chin Ying Angela Shiu **

Brian Joshua Siegel

Thamira Swadhi Skandakumar **

Eli Matthew Snyder **

Rayo Suseno

Megan Nianting Tan

Umm E Shahamah Tariq

Amal Mohammed Thommil

*** *summa cum laude*

** *magna cum laude*

* *cum laude*

** Recognition of Latin Honors for Spring and Summer 2021 candidates is based on grades through Winter 2021. Official latin honors is subject to final Spring and Summer 2021 grades.

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

DEPARTMENT OF BIOENGINEERING

Bachelor of Science in Bioengineering (continued)

Nina Angelique Tittensor

Jasmine Thanh Trinh **

Justin Hoi-Leung Tso **

Aly Ung

Jace Valdez

Michael Xin Wang

William Nelson Weber

Aidan K. Yackly

Bert Fu Yeh

Xintong Zhong

Valentine Simon Zinchenko

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Bachelor of Science in Chemical Engineering

Conferred, Summer 2020

Brendan Diarmuid Galvin

Geronimo Gudino

Conferred, Fall 2020

Yewon Jeong *

Khanh Van Pham

Conferred, Winter 2021

Brian Malcolm Guan

Candidates, Spring 2021

Sara Aleja Acosta **

Ksenia Pavlovna Afonicheva

Wardah Aiman

Sarmad Mansoor Ali **

Silviu Adrian Andronesco

Randel Jay Palingping Baki

Vinya Bhuvan **

Greta Grace Corrine Bishop

Ethan Richard Boutelle

Corey Bruce Boyce

John-David Castillo

Min Sang Cho

Bill Chuang

Matthew Elijah Chung

Kevin Kenpo Eng

Cole Keoni Satoru Gilbertson **

Brian James Habibyan

Hayk Alex Hakopian

Brittany Sophia Ham

Jonathan Yuji Hernandez

Kimberly Lena Hom

Alan K. Huang **

Taylor Sean Kashiwagi

John Zachary Kellett

Aisha Kermiche

Adam Brandon Key

Claire Ko

Zin Phyo Ko Ko **

Sidney Marie Lacey

Brandon Randy Lai

Jerry Kwanting Lai

Salina Sze-Wai Lam

Phuc Nguyen Hoang Le

Albert Yuheng Lee

Jia Wang Lee

Ruoxin Li **

Xihan Liu

Taylor Meneses Logan

Junyu Ma **

Thomas Michael Mancinelli **

Mina B. Mansour

Sarah Elizabeth Mcgrath

Megan Brianna Mcshane

Johan H Mendez

Sarah Caitlin Merry

Aaron Lukas Moore

Jesus Muneton

Mitchell Nguyen

Samantha Sirois O'Keeffe

Nicole Christine Ott

Dhillon D. Patel **

Florina Patron **

Jacob Gregory Prohroff

Francis Thomas Quinn

Justine Jayne Marcial Reblando

BACHELOR OF SCIENCE (continued)

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

Robin Amposta Reyes	Michelle Caitlyn Tjahjadi	Ruoxiang Yin
Jason David Rhoads	Caitlyn Rose Toomey **	Hastin Zhang
Kiara Alyssa Gonzales Rivera	Miguel Torres	Julia Angeli Zueck
Brendan Davis Russ **	Juan Ernesto Venerio Trejo **	Charles Zhou
Emma Lee Salvestrini **	Khang Minh Vo	<u>Candidates, Summer 2021</u>
Isabel Fleming Schulte	Hans Sebastian Wahono **	Ka Kwan Gary Cheng
Michael Soebroto **	James B Wang **	Zoe Sierra Fahs Thatcher
Claire Marie Stetson	Christopher Jonathan Wiraputra	Phuong Nhat Tran
Sienna Lin Stinson	Kevin Wirawan	
Idana Tang	Iwin Dennis Yeung	

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

<u>Conferred, Summer 2020</u>	<u>Conferred, Winter 2021</u>	Tianxing Dai **
Tiffany Chen	Herson Lae Fendy	Eric Guillermo Estrada Oajaca **
Trevor Allen Davis	Ivana Yun-En Mai	Christian Joseph Eustaquio
Jianjun Liu	Ameya Sayjal Patel	Honor Elizabeth Fisher
Kelly Tatum London	Sahil Sibal	Kase Ian Gebbie
Elizabeth Raquel Paz	Ramandeep Steven Singh	Soham Dutta Gupta
Ziqi Zhang	Craig Minoru Sugiyama	Kenji Hariman Hardisurjo
<u>Conferred, Fall 2020</u>	Kevin Xie	Aaron K. Houn
Katia Carolina Ascencio Ruano	<u>Candidates, Spring 2021</u>	Kaihong Hu
Aryan Farahi	Maan Yousef A Alhamdan	Jordan Vinh Giang Huynh
Stephen James Kashani	Amir Parsa Arefian	Camille Abbey Ituralde
Rachel Zheng Lien	Khaing H. Aye	Jakob Leo Dotter Kinoy
Diandra Elma Pukarta	Blake Edward Bohlman	Erfan Kohyarnejadfad
Daniel Yekutieli Tal	Ada Y. Chen	Stacy Kong
Abygail Viramontes	Chirine Chidiac	Drew Joseph Ledford
	Sarah Grace Ciudad	Allison En-Chuan Lee **

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Bachelor of Science in Civil Engineering (continued)

Jeonghyun Lee **	Patience Rosemary Olsen	Julia Justine Tung
Yuen Sau Lenh	Shaina Noorie Patel	Karla Vargas Chavez
Erick Von Locke	Anna Elizabete Philipp	Katherine Hyunjee Woo
Camryn Rose Lopez	Francisco Ramirez **	Eliot Heemin Yang
Cade Anthony Luongo	Jenna Emiko Shigeta	<u>Candidates, Summer 2021</u>
Megan Brianne Magorka **	Ali Abdulghani Shumaila	Juliana Lenna Dominguez
Nadia Tina Maher	Sedef Siddiqi	Derrick Reyes Magee, Jr.
Amaan Zafar Malik **	Abhimanyu Singh	Aditya Keshav Nir
Joel Elijah Manesh	Haochen Sun **	
Anne Catharina Mast	Anjali Swamy **	
Catherine Thanh-Thuong Nguyen	Rachel Wing-Yin Tam	

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science

Conferred, Summer 2020

David Zhao Akeley *

Aadil Ali

Yash Choudhary

Steven Guan

Ka U leong

Hae Sung Jeong

Clark Alexander Minor

Irfan Muhammad Sattar

Victor Z. Sia

Venkata Sai Sriram Sonti

Chayanis Techalertumpai

Linqi Zhou ***

Conferred, Fall 2020

Andrew Galleta Canafe

Aaron Chang

Danni Chen

Eric Jeung Chen

Zhibang Chen

Clayton Chu **

Marvin Cirignano

Duy Anh Duong ***

Jingdong Gao **

Arnav Garg

Michael Kenneth Gee

Dawei Huang

Sharon Binu John

Michael Sungjin Jung

Tejasvi Sameer Kasturi

Ga Wun Kim

Jong Hoon Kim

Willis Lam

Steven Patrick Lara

Winston Kenneth Lau

Huy Hoang Le

Han Bin Lee

Yu Li

Lihang Liu

Wenjie Liu **

Yu-Hsuan Liu

Haiwei Lu

Junting Luo

David Julius Macaraeg

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Kaisha Maimaitiyimingjiang	<u>Conferred, Winter 2021</u>	Mary Kim Kwon
Jayant Mehra	Naveena Attota	Don Duy Le *
Suvir Mehrotra	Insiya Shabbir Bambot	Leroy N. Le
Ali Mirabzadeh	John Thomas Brewer	Jane Jiwon Lee
Nickon Mirsepassi	Varun Narayanan Chakravarthy	Junhyuck Lee
Andrew Desmond Musk	Chuan Chen ***	Samuel Lee
Albert Pan	David Yinghao Chen ***	Sum Yi Li
Qingyuan Pan	William Jackie Chen **	Weizhe Li
Harry Ramli *	Xiaojian Chen	Xiaolei Luo
Pariya Samandi	Hsiu-Chu Esther Cheng ***	Yichen Lyu *
Devam Bankim Shroff	Yuan Cheng ***	Juan Carlo Velasquez Magat
Sichen Song ***	Nelson Guang Chun Chong	Jaylen Manley
Rio Sonoyama	Adam Christopher Cole	Joshua Kim McInerney
Adam Lipton Stein ***	Matthew Bernard Dalton *	Sihan Min *
Nikolas Tiger Thuy	Siyan Dong	Nihar Roy Mitra **
Brian Chi-An Uee	Ashkan Faghihi	Sarthak Satish More
Yinghao Wang *	Martin Armen Gasparyan	Giovanni Moya
Yuxin Wang	Robert Patrick Geil *	Lauryn Jessica Murphy
Levi Thomas Weible	Saagar Nagasantosh Godithi	Rafael Xiang Sho Ning ***
Guorui Xiao *	Davis Ryan Gomes	Hannah Park *
Chonglin Xu	Maeneka Rai Grewal	Aaron Paul Philip
Yunong Ye	Jivan Clint Gubbi ***	Shree Kesava Narayan Prasanna ***
Faith Wuyue Yu ***	Parham Hajzavar	Joseph Wolcott Russel
Weilan Yu	Tony Fan Hu *	Dhruv Sanchety
Ziying Yu	Chenglai Huang *	Yuanping Song *
Shuhua Zhan	Ziqing Jiang *	Arjun Subramonian ***
Dawei Zhao **	Siddharth Joshi ♦ **	Bryant Clark Ta
Huimiao Zhong	Anshul Makarand Kale *	Christine Tsen Ju Tai
Yingge Zhou	Arjun Suhas Kallapur	Miranda Yen Tang
	Jonathan G. Khamis	John Kiyoshi Tomikawa

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Jonathan Ryan Urosevic	Daniel Justin Chen	Rishan Haritas Girish ✱✱
Jacob Scott Wallin	Heng Chen ✱✱	Adam Crim Griffin
Denise Wang	Shizhe Chen	Tiancheng Gu ✱✱
Junhong Wang ✱	Yiyou Chen ✱✱	Mark Andrew Guevara ✱✱
Kenna Emily Wang	Nicole Cheng	Darshini Rajiv Gupta
Alexander Xinyao Xu	Rohan Parijat Chitale ✱✱	Hirday Manish Gupta
Ryan Ruien Yang	Yu-Ying Chua ✱✱	Iris Gur
Sean Yin ✱✱	Joseph Thomas Clegg	Tanmaya Hada
Chang Hui Youn	Melissa Mai Cox	Michael Joseph Hennelly
Yifu Yuan	Elwyn J. Cruz	Cassandra W. Ho ✱✱
Edward Zhang	Karl Leland Danielsen	Yingzhe Hu
Weisheng Zhang	Saumya Neilay Dedhia	Andy Huang
Yufeng Zhang ✱✱✱	Apostolos Delis	Ethan Hay Huang
Amy Jiaqi Zhao	Hunter Bo Dermott	Sonny Tan Huynh
Kenny Hua Zheng	Simran Singh Dhaliwal	Daksh Idnani ✱✱
Jeffrey Matthew Zhu	Raghav Dhall	Anita Ilango
<u>Candidates, Spring 2021</u>	Akanksha Dhanwal	Megha Ilango
Hakan Selim Alpay	Gerald An Diep-Tran	Christopher Junichi Inokuchi ✱✱
Tanish Sachin Ambulkar	Stephanie Phuong Khanh Doan	Sukjin Jang
Nikhil Arora ✱✱	Stewart P. Dulaney	Justin Jeon
Benjamin Minh-Huan Bach	Wilny Duong	Zhuoyu Ji ✱✱
Andrew S. Battat	Juan Daniel Estrada	Chloe Jiang
Julia Isabelle Baylon ✱✱	Shirly Fang	Steve Jiang ✱✱
Tejas G. Bhat ✱✱	Xuanyu Fang	Xiao Jiang
Harlan Jeffrey Brawer ✱✱	Mark Farber ✱✱	Takashi Ryu Joubert
Dylan James Breon	Summer Rose Farren	Luke Hyun Jung
Michael Darian Bustillos	William Sargent Fehrstrom ✱✱	Wilson Kumara Jusuf ✱✱
Andrew Chau	Weng Chin Fong	Eli D. Katz
Connie Chen	Tomoki Tommy Fukazawa ✱✱	Alara Naz Keskil
Daisy Chen ✱✱	Jonathan Michael Garcia-Rovetta	John Yongkwan Kim
	Matthew Gerges	Benjamin Ming Hoe Koh

BACHELOR OF SCIENCE (continued)

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Ethan W. Kwan	WeiQi Min	Manuel Geronimo Rivas
Jason Lai	Jay Atmavit Mishra	Elvis David Rodrigues
Yan Sheng Lai	Shikha Rashesh Mody ✱✱	Saurav Rohira
Christopher Wai Lam ✱✱	Kia N. Mohager	Daniel Noah Schwartz
Yan To Linus Lam	Bradley Harrison Mont ✱✱	Margaret Meiqi Shi
Tomer Samuel Laufer	Gautam Jayakrishnan Nambiar	Sana Shrikant
Khoa Tien Le	Brendon Tetsuo Ng ✱✱	Elaine Shyu ✱✱
Jenny Lynn Li ✱✱	Bao Khanh Nguyen ✱✱	Arabelle Kezia Elshaddai Siahaan
Kevin Li	Khoi Vu Nguyen	Nicolas Dane Simone
Qingpeng Li	Daniel Se-Hahm Oh ✱✱	Armaan Singh
Yongqian Li	Casey Emiko Olsen	Nathan Matthew Smith
Zhenghao Li	Akhil Reddy Palla ✱✱	Steven Heise Smith
Mingchao Lian	Jason Manuel Facundo Panelli ✱✱	Jordan Xian Yue Soon
Yiwei Liao ✱✱	Daniel Yoonsoo Park	Nikhil Srikumar
Kristie Lim	Preksha Uttamkumar Patel ✱✱	Aditya Sriram
Carol Wu Lin ✱✱	Rucha Rajesh Patki ✱✱	Jack Levi Stone
Evan Lin	Parth Pendurkar	Rishab Sukumar ✱✱
Jiajian Lin	Tianyang Peng ✱✱	Shuwen Sun
Nicholas Lin ✱✱	Xuan Peng	Swati Swaminathan
Raymond Lin	Vincent Tuan Pham	Brandon F. Tai
Jamie Georgia Liu ✱✱	Varun Venkata Pidugu	Samuel Wu Tang ✱✱
Jeffrey Liu	Ishaan Pota	Rohit Dhanaraj Tavare ✱✱
Yu Liang Liu	Spencer Benjamin Pugh ✱✱	Ameya Neelesh Thakur
Gabriella Kaarina Long	Arjun Raghavan	Ryan Weiran Tong
Trung Quoc Luong	Karthik Rajagopalan	John Luan Tran
Shunning Ma	Varun Chintalapati Raju	Kyle Vincent Tran
Axel Georges Malahieude ✱✱	Shreya Kamu Raman	Jordan Darrell Tyner
Alissa Marcia McNerney	Jingyou Rao ✱✱	Jack Ryan Van Boening
Rachel Christian Madamba McWhirter	Timothy Michael Rediehs ✱✱	Derek Albert Vance
Katherine Miao	Zhicheng Ren	Khang Pham Huu Vinh
Nathan George Midkiff ✱✱	Ruban Vishnu Rengaraju	Soheil Vojdani Tabatabai

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science in Computer Science (continued)

Biao Wang **	Yuanyuan Xiong	Zijian Zhao
Chenlu Wang	Rebecca Tiying Xu	Junjie Zhu
Haoyang Wang *	Richard Yang	Jingyi Zuo
Jakin Huang Wang	Xinta Yang **	<u>Candidates, Summer 2021</u>
James Wang **	Tian Ye	Karim Benlghalia
Julia Wensha Wang **	Justin Jaeo Youn **	Evan Raymond Charfauros
Matthew Colin Wang **	Danning Liu Yu **	Yizuo Chen ***
Yining Wang	Keano Liu Zamora	Harsh Chobisa *
Yufei Wang *	Andrew Parmar Zeff **	Francesco Colonnese
Zhirong Wang	Simon Andres Zeiger	Son Hai Dang
Madison Ann Westergaard	Felix Zhang **	Ahmad Habibollahzadeh
Brett Woltz	George Li Zhang **	Yash Moondhra
Galen Wong **	Jack Zhang	Yan Qu ***
Justin Anders Woo	Katherine Jenna Zhang	Paramjot Singh
Max Wu **	Yifan Zhang	Zetao Wu
Lucas Xia **	Alex Zhao **	Zehan Zhao
Hongyi Xie	Zachary Mingxin Zhao	

BACHELOR OF SCIENCE (continued)

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

Conferred, Summer 2020

Juhyeok Min

Akram Yinjie Sabbah

Pete Wenkuang Shen

Conferred, Fall 2020

Xiaotong Liu

Srivishnu Ramamurthi

Zheyi Wang

Dennis Zang

Conferred, Winter 2021

Salil Akundi

Maung Maung Phyo Aung

Arpi Yvette Beshlikyan

Karen Tan Cavicchio *

Betto Alcitlali Cerrillos ***

Kejia Cheng

Shayan Javid Yazdi

Wes Michael Jow

Preethika Kiruveedula

Sangjoon Lee

Mudith Mallajosyula

Kelly Nicole Mizumoto

Xiaoxu Nan

William Patrick O'Brien

Samuel David Pando

Grant Roberts

Aseem Sachin Sane **

Nathan A. Tjoar

Kevin Zhang ***

Candidates, Spring 2021

Tyler William Yoshio Adair

Jacob D. Benson

Devyan Biswas

Enika Biswas

Paolo Botta **

Omar Camarillo

Kameron Allen Carr **

Sarah Elizabeth Castillo

Nicholas Pascasio Cerdan **

Rahul Chikka

Kathy Douangpanya Daniels

Vivian Phuong Doan

Ryota Goto

Alan Guan

Andrew Gao Guo

Benjamin Chen He

Kathir Vel Ilango

Keyu Ji **

Ryan Carl Lauri

Dongyao Liang

Ben Limpanukorn **

Hayley Dy-Liacco Martinez

Ritesh Pendekanti

Jorge Eduardo Pineda **

Karthik Suryanarayana Pullela

Yanisa Rungcharoenporn

Evan Daniel Snyder

Kayla Grace Song **

Zhen Sun

Cody W. Swain

Brian Patrick Tagle

Nikki Kam-Yee Woo **

James H. Yang

Yitao Zhang

Meiyi Zheng

Candidates, Summer 2021

Dandan Guo

Abigail Jinyoung Yang

JOINT PROGRAM WITH COMPUTER SCIENCE AND ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENTS

Bachelor of Science in Computer Engineering

Conferred, Fall 2020

Scott Hamilton Bauersfeld ◆***

Sokchetra Eung

Thomas Kou Her

Aditi Mittal

Eric Balagtas Perez ***

Calvin Yung

Conferred, Winter 2021

Pranav Ganesh Balgi ***

Jacob Ian Kaufman *

Gerald Ying Hang Ko

Shalin Bhavin Shah

Denny Tsai

Erica Xie

Candidates, Spring 2021

Nathan Scott Atkinson

Jennifer Vy Bui

Nathan Andrew Chen

Jordan Alexander Combitsis

Abdullah Mohammed Abdalla Elqaa **

Jiajie Michael Huang

Chester Hulse **

Isabel Arlene Ketner

Jacqueline Bichloan Lam **

Rubia Velika Liu

Vedant Mathur

Abhishek Naik

Niyant Narang **

Yashas Navaratna

Ryan Mark Nemiroff **

Huy Thanh Nguyen

Omar Yehia Radwan

Benjamin Ramon Ruiz

Anchal Sinha

Prathyush Sivakumar

Bradley Jay Whiteside **

Revanth Kumar Yamani

Candidate, Summer 2021

Andrew Mark Lucchesi

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Bachelor of Science in Electrical Engineering

Conferred, Summer 2020

Neilvon Albertan

Hongyi Chen

Yibin Gu

Yang Guo

Jeffrey Hsiao-Jar Lee

Zhiheng Ma

Shayane Motamedy

Cooper Malcolm Stuart Simpson

Yuanfang Wu

Yourong Yang *

Conferred, Fall 2020

Christos Achilleoudis

Harish Athavan

Natalie Verena Bishay

Kai-Tung Chuang

Yihui Dong

Lesley Guzman

Minu Jung

Hoang Luong

Ashish Sareen

Yuci Shen

Lingbo Tang, Jr.

Anusha Anjani Vemuri ◆**

Conferred, Winter 2021

Greyson Armand Beck

Tianyuan Chen *

Sagar Prashant Doshi *

Jonathan Goh

Rafael Eduardo Guerrafuentes

Michael Aven Haggemiller

Michael Gabriel Herrera

BACHELOR OF SCIENCE (continued)

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

Bochi Lin	Kaleb James Cole-Wood **	Meghana Malige Manjunatha
Junyu Lu	William Daly	Quinn Eugene Maloney
Michael Molter *	Alvin Yusheng Ding **	Finley Jake Marlor
Jonathan Vu Nguyen *	Giacomo Caolan Fratus	Kian Mirkazemi Mood
Jae Hyeog Park	Rovert Marc Joshua Geronimo	Ali Ashraf Ismail Mohamed
Mathew Nicholas Rodriguez	Demyana Heshmat Gouda	Nainoa Matthew Nambu **
Huajjin Ruan **	Wenxu Gu **	Harish Nanduri
Nicolas Vargas	Abraham Hernandez	Brandon John Ngai
Jamie Yang	Emmanuel Hidalgo Gonzalez	Hieu Minh Nguyen
<u>Candidates, Spring 2021</u>	John Ho	Michelle Elizabeth Nguyen
Farooq Anwar Akhtar	Dean G. Huang	Bradley Setsuo Nishida
Adnan Al Armouti	Robert Alan Berg Isaac **	Peter Yongchan Oh
Andrew James Arrieta **	Kevin Jiang	Jeremy Michael O’Sullivan
May Zon Aung	Reezan Jiwa	William Tyler Patterson
Zachary Bart Babbitt **	Hersh Joshi	Jacqueline Lucy Peng **
Yu Bai	Tait Denny Kaminski	Melvin Ramea Prasetyo
Justine Fenfen Bailey	Hayato Steven Kato **	Xingyu Ren **
Joani Bajlozi	Jared Farley Kenigsberg	Sarah Frances Richards
Juan Francisco Barron Ramirez	Jacob Aaron King **	Cristian Rodriguez
David Andrew Baum **	Yesse Benito Kosasih	Karunesh Sachanandani **
Ahmad Hafizuddin Bin Ahmad Jaafar **	Thomas Adam Kost **	Taraneh Sadjadpour **
Zechariah Robert Cadarette **	Henry Kou	Wesley Etsuo Sakutori
Khyle Drake Padolina Calpe	Calvin Kuo	Sanjana Sarda
Cameron Ryan Carrillo	Phillip Kwan **	Zefyr Scott
Sharon Cha	Hardhik Lankalapalli **	Adrik Shamlonian Sanakani
Steven Chen Chao	Jerry Mingzhe Li	Nisha Sharma
Sean Ching Chuan Chen **	Linfeng Li	Derek Matthew Shidla **
Yutian Chen **	Aaron Wee Kit Lim **	Siddharth Somasundaram
David Young Cho	Natalie Lin	Adrian Kheng Wei Soon
Abhishek Chowdhury	Chenyu Liu	Dhruv Srinivas
Weslyn Kangni Clarke	Zhaoyi Liu **	John Herman Steenstra

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Bachelor of Science in Electrical Engineering (continued)

Sidharth Sanjay Subbarao ✱✱

Jianing Sun

Ken Minh Suzuki

Michelle Khau Tan

Grace Tang ✱✱

Hoang T. Tran

Ethan Michael Uetrecht

Vamsikrishna Reddy Vanga

Shyam Venkatasubramanian ✱✱

Edward Kenneth Vergara

Jesse-Clemens Q. Wang ◆

Tianxiao Wei ✱✱

Joseph Nathaniel Wise

Chun Hoi Wong

Derek Xiao ✱✱

Shaosong Xing

Yat Hong Yam

Jeffery Yang

Tammie Qiu-Yen Yang

Christian Jin Yu

Emi Zeger ◆ ✱✱

Anthony Darway Zhang ✱✱

Jane Xiangning Zhang

Tingyao Zhang

Devin Liang Zheng

Candidates, Summer 2021

Bruno Boattini Bombassaro

Xingyu Chen

Semira Galijasevic

Matthew Owen Jeong

Francis Thaiphong Nguyen

Dao Ngoc Vu

Nicolas Zani ✱✱✱

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Bachelor of Science in Materials Engineering

Conferred, Summer 2020

Rashed Fayez Atalla Alkhlaifat

Hong Jun Kim

Phillip Hok-Yin Leung

Matthew Tuan-Kha Nguyen

Renc Saracaydin

Conferred, Fall 2020

Maria Isabel Bayardo

Connor William Hein

Qi Li ✱

Laura Elizabeth Madril

Herbert Ramos

Conferred, Winter 2021

Meredith Patricia Sanderson

Candidates, Spring 2021

Ritvik Agarwal

Daniel Barajas, Jr.

Megan Arielle Bokhoor

Peter Hayoung Chung

Tanya Katherine Fisher

Jessie Alexandra Fleming

Alexander Delmundo Fuqua ✱✱

Gabrielle Giuliano

Jordan Mravca Hamel

Grant Danley Hushek

Zwohann Austen Lee

Rayna Trunik Mehta ✱✱

Josephine Elizabeth Meyer-Hogan

Marcella Michelle Mulia

Varun Tejal Naik

Syed Muhammed Ali Refaie

Adelyn Kennedy Rhoads

Andrew Albert Selius

Juan Manuel Silva Ruiz

Arvind Kausik Swaminathan ✱✱

Tinnie Tinka

Forrest James Wissuchek

Joshua Louis Zommick

Candidate, Summer 2021

Aditya Koneru

BACHELOR OF SCIENCE (continued)

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

Conferred, Summer 2020

Sarina Kiani **
Jiacong Luo
Siyuan Ma *
Joseph Ricciardella
Juancarlos Sanchez
Alejandro Serrano Deneken ***

Conferred, Fall 2020

Fredy Alexander Gochez
Lucia Gonzalez
Arin Hayrapetyan *
Achille Charles Hebert, III
Anthony Michael Kelly
Jonathan David Mitchell, Jr.
Emmanuel Moran
Jung Ho Park
Ryan Lara Rio
Mihir Roy Sharma *

Conferred, Winter 2021

Jose Irineo Guerrero ***
Jesus Legorreta Mondragon
Lynn Qu *
Adriana Villagomez

Candidates, Spring 2021

Jeremy Ryan Arvesen
Dante Christian Reneau Bruno
Jackson Oliver Busch
Nicholas Camarena **
Kaining Chen
Marcelo Cong
Jason William Feldkamp **
Gabriel Joseph Friet
Wyatt Marshall Hamrick
Jia Cheng Huang
Frank Yannick Huisman **
Calvin James Huynh
Parker John King
Man Fung Mike Lam
Oliver Yinn Lam
Angelie Thanh Laurent
Jianhua Liang
Jesus Martin Gutierrez
Sophia Granovskaya Martinez
Garo Arshak Mazmanian **
Alan Michael Mcivor
Andy Muratalla
Samuel Benjamin Murillo

Candidates, Summer 2021

Richard Austin Obenchain
Nitin Satya Ongole **
Reed Cornish Orren
Alexander Michael Pagano **
Anneliese Rose Peterson
Miles Olivier Richmond **
Soham Vipul Shah **
Kaylee Cheuk Ying Siu
Nora Grace Stacy
Willy Teav
David Paul Thorne
Jae-An Julius Wang **
Aziz Jaffer Wong **
Hong Ru Zhao
Edmond William Ray Zieber
Karina Ballesteros
Md Nazmul Haque Biswas
Joshua P. Bridston
Justin Ross Neal
Randall James Williams

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Bachelor of Science in Mechanical Engineering

Conferred, Summer 2020

Kenji Guntur

Aidan McLellan Montiel

William Ray Muhlestein

Mohammad Mustapha Nakouzi

Andrew Tien Nguyen

Nicholas Tang Runke

Conferred, Fall 2020

Ricardo Daniel Solorzano Acuna

Savya Vijay Agarwal

Nancy Esmeralda Aldape

Qotayba Alrayes

Ryan James Vicuna Aquino

Rebecca Wen-Lin Chang

Hubert Co

Paul Alexander Diaz

Cesar Antonio Ferruffino

James Michael Gardiner **

David Joseph Hill ***

Wan Ho Jonathan Lau

Cole Forsyth Morter

Felipe Nanni Mendes *

Dominic O'Hanlon Navarro

Dat Phuoc Nguyen ***

Zachary David Nobles *

Rossana Rico

Daniel Jacob Romero

Sehej Singh Sandhu

Parminder Singh

Varit Vichathorn ***

Brandon Ngo Vu

Wenxuan Ye *

Conferred, Winter 2021

Gabriel Luis Carlos Alpuerto

Cameron Scott Gelber

Gabriel Joseph Grogin

Bertan Hatipoglu

Brett Edward Morman

Muhammad Irfan Bin Muhamad

Stefan Damos Olarte

Bryan Simca

Haokun Zhang **

Candidates, Spring 2021

Collin Matthew Adelseck

Riley C. Anno

Noah Alexander Ballard

Brandon Robert Bettinger

Arnav Chandu Bhavsar

Ethan James Brandt **

Aaron Viren Buell

Ethan Sun Cai **

Sade Danielle Campos

Katelyn R. Carleton

Christopher Mahlon Carter

Kaixin Chen **

Charles Cheng

Lillian Rose Clay

Ray Tristan Carteciano Co

Ruben Barajas Correa

Ryan Dai

Caroline Keil Depew

Samuel Luther Ellison **

Jeremy Johannes Engels

Robert Logan Engler **

Zhou Fang

Kian Timothy Feiner

Nolan P. Feron

Matthew Galan Ferrer

Amber Kayla Fleming

Angela Linghao Gao **

Damian George Gardiner **

Mattie Marcell Green

Megan Michelle Groothuis

Derek Matthew Gunny

Erin Laurens Hasell

Gwendolyn Keiko Hashimoto

Junwei He

Chiraag Hebbar

Seong Hong

Seth Montgomery Howell

Erik Li-Jye Hsu-Storaker

Steven Fu Huang

Collin Q. Hudetz

Trevor Henry Louie Huffaker

Shayne Paul Hunt

Raj Daxesh Intwala

Casey James Iwasaki

Simon Collins Johnson **

Eunice Loksze Kan

Mark Dak Ji Kaneshiro

Victoria Harley Klock

BACHELOR OF SCIENCE (continued)

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

Phillip Michael Krings **	Michael Joseph Morin	Alyssa Nicole Telepnev
Wing Sean Kwok **	Nathan Jae-Woo Myung	Mena Tran
Annabelle Chih-Wei Lee **	Keita Stephan Nadalin **	Rodrigo Uribe
Cheryl Lee	Megan Rae Nichols	Casimir Raymond Vinciguerra
Daniel Beomgyu Lee	Alexander Hays Owen	Catherine Eleanor Vitella
Jeanine Yunying Lee	Ryan Alexander Padua	Chenlin Wang
Justin Ryan Lee	Priyanka J. Panchal	Ethan David Welty
Matthew Gunhee Lee	Oliver Peter Parkin **	Megan Joanne Williams **
Siyuan Li **	Matthew Stephen Pelz	Tule Hamish Williams **
Brendan Lin	Supreethi Veda Penmetcha **	Eric James Wong **
Ryan Ling	Cassidy Nicole Pensa	Tingern Jeremy Wong **
Ruibo Liu	Nicholas James Pfeiffer	Peter Raleigh Worton
Gisselle Celine Livingston	Christopher Vannara Phorn	Christopher Shang-Da Ye
Elijah Benjamin Lonner	Kai Yeh Pohlhammer	Linda Zaragoza **
Jake Andrew Lynch	Erin Elizabeth Pool	<u>Candidates, Summer 2021</u>
Jason Ma	Leah Naomi Pretorius	Yasin M Abdelmajeed
Griffin Alan Magill	Pranav Raghuram	Jesus Irineo Alonso
Bhrugu Mallajosyula **	Andrea Paulina Ramirez	Jaewon Chung
Ricardo Martinez	Arnav Adit Rathi **	Vache Dergevorkian
Connor Thomas Matro	Ryan Jared Rivera **	Antonio Eduardo Garcia
Adam Seth Matthews	Cole Aubry Rodgers	Justin Hien Lam
Fletcher Tory Matthews **	Robert Christian Rohm **	Seanliam Burke William K McCarthy **
Kyle Langdon McKim	Mark Daniel Salazar	Kevin Charles McDougal
Matthew Ryan McMahan	Jonathan Joseph Sessa	Erik Forberg Ryan
Sean Carlos McSwain	Jake Wyatt Smith	
Andrew Thomas Miller **	Athena Elizabeth Sung-Miller	
Melanie Lee Moran	John Hovig Tabakian **	

AWARDS AND HONORS

SCHOOLWIDE AWARDS

Chancellor's Service Award

Samira Chizari, Doctor of Philosophy, Mechanical Engineering, Fall 2020

Eric Guillermo Estrada Oajaca, Bachelor of Science, Civil Engineering, Spring 2021

Megha Ilango, Bachelor of Science, Computer Science, Spring 2021

Andrea Paulina Ramirez, Bachelor of Science, Mechanical Engineering, Spring 2021

Justine Jayne Marcial Reblando, Bachelor of Science, Chemical Engineering, Spring 2021

Jean Paul Santos, Doctor of Philosophy, Electrical and Computer Engineering, Spring 2021

Arjun Subramonian, Bachelor of Science, Computer Science, Winter 2021

James B Wang, Bachelor of Science, Chemical Engineering, Spring 2021

Outstanding Bachelor of Science Degree Recipient

Arjun Subramonian, Computer Science, Winter 2021

The Harry M. Showman Prize Recipients

Angela Linghao Gao, Bachelor of Science, Mechanical Engineering, Spring 2021

Weicheng Huang, Doctor of Philosophy, Mechanical Engineering, Winter 2021

The Russell R. O'Neill Distinguished Service Award Recipient

Gabriel Luis Carlos Alpuerto, Bachelor of Science, Mechanical Engineering, Winter 2021

AWARDS AND HONORS (continued)

SCHOOLWIDE AWARDS (continued)

Engineering Achievement Award for Student Welfare Recipients

- Gabriel Luis Carlos Alpuerto**, Bachelor of Science, Mechanical Engineering, Winter 2021
- Julia Isabelle Baylon**, Bachelor of Science, Computer Science, Spring 2021
- Aidan Carrizales**, Bachelor of Science, Aerospace Engineering, Fall 2021
- Linnet Y Chang**, Bachelor of Science, Bioengineering, Spring 2021
- Ruben Barrajas Correa**, Bachelor of Science, Mechanical Engineering, Spring 2021
- Jorge Emiliano De Dios Suarez**, Bachelor of Science, Electrical Engineering, Fall 2021
- Eric Guillermo Estrada Oajaca**, Bachelor of Science, Civil Engineering, Spring 2021
- Daniel Roger Gregory Dennis Ferguson**, Bachelor of Science, Electrical Engineering, Fall 2021
- Davis Ryan Gomes**, Bachelor of Science, Computer Science, Winter 2021
- Timothy Gu**, Bachelor of Science, Computer Science, Spring 2021
- David Joseph Hill**, Bachelor of Science, Mechanical Engineering, Fall 2020
- Griffith Collwyn Hesketh Hughes**, Bachelor of Science, Bioengineering, Spring 2022
- Grant Danly Hushek**, Bachelor of Science, Materials Engineering, Spring 2021
- Sharvani Jha**, Bachelor of Science, Computer Science, Spring 2021
- Chloe Jiang**, Bachelor of Science, Computer Science, Spring 2021
- Isabel Arlene Ketner**, Bachelor of Science, Computer Engineering, Spring 2021
- Erfan Kohyarnejadford**, Bachelor of Science, Civil Engineering, Spring 2021
- Oliver Yinn Lam**, Bachelor of Science, Aerospace Engineering, Spring 2021
- Angelie Thanh Laurent**, Bachelor of Science, Aerospace Engineering, Spring 2021
- Yuen Sau Lenh**, Bachelor of Science, Civil Engineering, Spring 2021
- Gisselle Celine Livingston**, Bachelor of Science, Mechanical Engineering, Spring 2021
- Sophia Granovskaya Martinez**, Bachelor of Science, Aerospace Engineering, Spring 2021
- Connor Thomas Matro**, Bachelor of Science, Mechanical Engineering, Spring 2021
- Andy Muratalla**, Bachelor of Science, Aerospace Engineering, Spring 2021
- Zachary David Nobles**, Bachelor of Science, Mechanical Engineering, Fall 2020
- Rucha Rajesh Patki**, Bachelor of Science, Computer Science, Spring 2021
- Florina Patron**, Bachelor of Science, Chemical Engineering, Spring 2021
- Anneliese Rose Peterson**, Bachelor of Science, Aerospace Engineering, Spring 2021
- Sami Rafeedie**, Bachelor of Science, Bioengineering, Spring 2021
- Deeban Ramalingam**, Master of Science, Computer Science, Spring 2021
- Manuel Geronimo Rivas**, Bachelor of Science, Computer Science, Spring 2021
- Jean Paul Santos**, Doctor of Philosophy, Electrical and Computer Engineering, Spring 2021
- Isabel Fleming Shulte**, Bachelor of Science, Chemical Engineering, Spring 2021
- Juan Manuel Silva Ruiz**, Bachelor of Science, Materials Engineering, Spring 2021
- Arjun Subramonian**, Bachelor of Science, Computer Science, Winter 2021
- Nina Angelique Tittensor**, Bachelor of Science, Bioengineering, Spring 2021
- Adriana Villagomez**, Bachelor of Science, Aerospace Engineering, Winter 2021
- Yilian Wang**, Doctor of Philosophy, Bioengineering, Spring 2021
- Brett Woltz**, Bachelor of Science, Computer Science, Spring 2021
- Nicolas Zani**, Bachelor of Science, Electrical Engineering, Spring 2021

DEPARTMENT AWARDS

Bioengineering Department

Outstanding Doctor of Philosophy Degree Recipient
Reyhaneh Nazarian, Spring 2021

Outstanding Master of Science Degree Recipient
Cole David Benyshek, Spring 2021

Outstanding Bachelor of Science Degree Recipient
Mayilone Sathialingam, Winter 2021

Chemical and Biomolecular Engineering Department

Outstanding Doctor of Philosophy Degree Recipient
Yangyao Ding, Spring 2021

Outstanding Bachelor of Science Degree Recipient
Brendan Davis Russ, Spring 2021

Civil and Environmental Engineering Department

Outstanding Doctor of Philosophy Degree Recipient
Sarfaraz Alam, Spring 2021

Outstanding Master of Science Degree Recipient
Jamie Leonard, Spring 2021

Outstanding Bachelor of Science Degree Recipient
Allison En-Chuan Lee, Spring 2021

Computer Science Department

Outstanding Doctor of Philosophy Degree Recipient
Steven Joseph Holtzen, Computer Science, Spring 2021

Outstanding Master of Science Degree Recipient
Chong Zhang, Computer Science, Winter 2021

Outstanding Bachelor of Science Degree Recipients
Scott Hamilton Bauersfeld, Computer Engineering, Fall 2020
Jiajian Lin, Computer Science, Spring 2021
Adam Lipton Stein, Computer Science, Fall 2020
Ben Limpanukorn, Computer Science and Engineering, Spring 2021

Departmental Scholars—Bachelor of Science, Master of Science
Scott Hamilton Bauersfeld, Computer Engineering, Fall 2020
Siddharth Joshi, Computer Science, Winter 2021

AWARDS AND HONORS (continued)

Electrical and Computer Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Yahya Hussain Ezzeldin M A Essa, Electrical and Computer Engineering, Fall 2020

Weiyu Leng, Electrical and Computer Engineering, Fall 2020

Jean Paul Santos, Electrical and Computer Engineering, Spring 2021

Outstanding Master of Science Degree Recipient

Hannaneh Hojaiji, Electrical and Computer Engineering, Winter 2021

Outstanding Bachelor of Science Degree Recipients

Scott Hamilton Bauersfeld, Computer Engineering, Fall 2020

Nicolas Zani, Electrical Engineering, Spring 2021

Departmental Scholars—Bachelor of Science, Master of Science

Anusha Anjani Vemuri, Electrical Engineering, Fall 2020

Jesse-Clemens Q Wang, Electrical Engineering, Spring 2021

Emi U. Zeger, Electrical Engineering, Spring 2021

Christina Huang Memorial Prize Recipient

Emi Zeger, Bachelor of Science, Spring 2021

Materials Science and Engineering Department

Outstanding Doctor of Philosophy Degree Recipient

Jingjing Xue, Summer 2020

Outstanding Master of Science Degree Recipient

Yansong Lin, Spring 2021

Outstanding Bachelor of Science Degree Recipient

Rayna Trunik Mehta, Spring 2021

Mechanical and Aerospace Engineering Department

Outstanding Doctor of Philosophy Degree Recipients

Elijah Weston Harris, Aerospace Engineering, Fall 2020

Weicheng Huang, Mechanical Engineering, Winter 2021

Outstanding Master of Science Degree Recipients

Chirawat Chriss Sanpakit, Aerospace Engineering, Fall 2020

Tyler Austin McCown, Mechanical Engineering, Spring 2021

Outstanding Bachelor of Science Degree Recipients

Jose Irineo Guerrero, Aerospace Engineering, Winter 2021

Angela Linghao Gao, Mechanical Engineering, Spring 2021

Schoolwide Master of Science in Engineering Program

Outstanding Master of Science in Engineering Degree Recipient

Howard Huang, Fall 2020

STUDENT LEADERS

Jorge De Dios Suarez, President
American Indian Science and Engineering Society (AISES)

Oliver Lam, President
American Institute of Aeronautics and Astronautics (AIAA)

Corinna Lee, President
American Institute of Chemical Engineers (AIChE)

Yuen Lenh, President
American Society of Civil Engineers (ASCE)

Gabriel Luis Carlos Alpuerto, President
American Society of Mechanical Engineers (ASME)

Karim Kuran, Co-President
Saed Osman, Co-President
Arab American Association for Engineers and Architects (AAAEA)

Rucha Patki, President
Association for Computing Machinery (ACM)

Julia Baylon, President
Association for Computing Machinery – Women (ACM-W)

Kirsten Fetah, President
Bioengineering Graduate Association (BGA)

Linnet Chang, President
Biomedical Engineering Society (BMES)

Andrew Battat, Co-President
Jason Huan, Co-President
Blockchain at UCLA

Riley Noon, President
Bruin Entrepreneurs

Joshua Wong, President
Bruin Home Solutions

Christopher Clavelli, President
Bruin Spacecraft Group

Laurel Woods, President
Building Engineers and Mentors (BEAM)

Jeonghyun Lee, President
The California Geotechnical Engineering Association (CalGeo)

Camryn Lopez, President
Chi Epsilon (XE)
Civil Engineering Honor Society

George Shenusay, President
Design Create Solar

Keri Scholte, President
Earthquake Engineering Research Institute
Structural Engineers Association of Southern California
(EERI-SEAOSC)

Connor Matro, President
Engineering Ambassador Program (EA)

J. Vikranth Jeyakumar, Co-President
Kirsten Fetah, Co-President
Engineering Graduate Students Association (eGSA)

Arnold Pfahnl, President
Engineering Society at UCLA (ESUC)

Trevor Huffaker, President
Engineers Without Borders (EWB)

Nicolas Zani, President
Eta Kappa Nu (HKN)
Electrical and Computer Engineering Honor Society

Jack Gardner, Executive Director
exploretch.la

Bryan Wong, President
Institute of Electrical and Electronics Engineers (IEEE)

Weslyn Clarke, President
IEEE Women Advancing Technology through Teamwork (WATT)

Camille Ituralde, President
Institute of Transportation Engineers (ITE)

Lakshmi Deepthi Gangiredla, President
International Society for Pharmaceutical Engineering (ISPE)

STUDENT LEADERS (continued)

Hee Joon Choi, *President*

Korean American Scientists and Engineers Association (KSEA)

Leo Liu, *President*

LA Blueprint

Rayna Mehta, *President*

Materials Research Society (MRS)

Prithvi Kannan, *Co-President*

Anirudh Mani, *Co-President*

mentorSEAS

Daniel Ferguson, *President*

National Society of Black Engineers (NSBE)

Aryan Arora, *President*

NoCode

Max Wu, *Director*

Nova

Madeline Trotter, *President*

Phi Sigma Rho Sorority

Justine Jayne Marcial Reblando, *President*

Pilipinos in Engineering and Science (PIES)

Hannah Friedman, *President*

Queer and Trans in STEM at UCLA (qtSTEM)

Kayli Masuda, *President*

Renewable Energy Association LA at UCLA (REA)

Srishti Pal, *President*

Society of Asian Scientists and Engineers at UCLA (SASE)

Ryan Padua, *President*

Society of Automotive Engineers (Bruin Racing)

Andy Muratalla, *President*

Society of Latino Engineers and Scientists (SOLES)

Isabel Ketner, *President*

Society of Women Engineers (SWE)

Yu-Ying Chua, *President*

Tau Beta Pi (TBP) – Engineering Honor Society

Christine Jung, *Co-Regent*

Subhodh Madala, *Co-Regent*

Theta Tau – Professional Engineering Fraternity

Colin Greenway, *President*

Triangle Fraternity

Mark Guevara, *President*

3D Printing For Everyone at UCLA (3D4E)

Hirday Gupta, *President*

UCLA DevX

Chloe Jiang, *President*

Upsilon Pi Epsilon (UPE) – Computer Science Honor Society

UCLA Samueli

School of Engineering

Gene D. Block
Chancellor

Jayathi Y. Murthy
Ronald and Valerie Sugar Dean

Tsu-Chin Tsao
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*

Harold Monbouquette
*Associate Dean
Research and Physical Resources*

Bruce Dunn
*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
Executive Director of Communications

Tessa Mazler
Senior Director of Development of External Affairs



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