GRADUATION CELEBRATION 2020

SUNDAY, JUNE 14, 2020
4:30 p.m. | Virtual Commencement
The engineering community lost a great friend and peer on January 12, 2020.

Jack Baskin understood the importance and potential of engineering. He advocated tirelessly, and ultimately provided the founding gift for, a school of engineering at UCSC. When we marked the occasion of his 100th birthday in September 2019, it was easy to see how well loved and respected Jack was by his family and friends.

His passing leaves a significant hole in the community. He was a tremendous supporter of UCSC and the City of Santa Cruz. His philanthropy benefited countless people and programs across campus. He deeply enriched our lives, and the lives of our students: past, present, and future.
Dear Graduates, Parents, Family Members, and Friends:

Welcome to the 2020 Jack Baskin School of Engineering graduation celebration. We are thrilled to share this special day with you, but we also recognize that this is not the graduation ceremony you have been envisioning during your years at UC Santa Cruz. The COVID-19 crisis has created extraordinary challenges for students and their families, and on behalf of Baskin Engineering, I commend you all for your adaptability and continued dedication in light of these unprecedented circumstances. The degrees earned by the class of 2020 carry special honor and distinction, and we will not forget your remarkable contributions and perseverance.

To our graduates, we congratulate you on reaching this significant milestone. My colleagues on the faculty and staff of Baskin Engineering have taken great delight in helping you acquire the knowledge, tools, and habits of mind that will enable you to go out into the world and practice engineering that makes a positive impact on your communities and on our world.

And to the parents, family members, and friends, thank you for all you have done to support today’s exceptional graduates, particularly in this challenging year. Your support and inspiration have been indispensable to their success, and we hope this is a very proud day for all of you.

We look forward to greeting you in person at future events on our beautiful campus, and encourage our new graduates to remain engaged with us as members of our Baskin Engineering alumni family.

Thank you for the trust you have placed in the Baskin School of Engineering, and a most heartfelt congratulations to all!

ALEXANDER L. WOLF
Dean
LAND ACKNOWLEDGEMENT

WELCOME AND DEAN’S ADDRESS
Alexander L. Wolf
Dean, Baskin School of Engineering

STUDENT SPEAKER
Devin Virassammy
Bioengineering B.S.

Devin Virassammy is a Bioengineering B.S. and a student researcher in Professor Daniel Kim’s lab studying how to determine whether cancer patients are suitable for anti-tumor treatment. In his remarks, he reflects on risk and surmounting challenges during difficult times, and an engineer’s duty to solve them.

PRESENTATION OF THE CLASS OF 2020

CLOSING REMARKS

APPLIED MATHEMATICS

Candidates for Doctor of Philosophy
APPLIED MATHEMATICS AND STATISTICS
Panos Lambrianides
Steven Reeves
Yuanran Zhu

Candidates for Master of Science
APPLIED MATHEMATICS
Catherine Brennan
Jianhong Chen
Xingye He
Jinxuan Jiang
Zhiqing Shen

Candidates for Master of Science
SCIENTIFIC COMPUTING AND APPLIED MATHEMATICS
Natural Chan
Krishnakant Dasika
Nina Haas
Schuyler Krawczuk
Tayler Quist
Paul Wintz
BIOMOLECULAR ENGINEERING

Candidates for Doctor of Philosophy

BIOMOLECULAR ENGINEERING AND BIOINFORMATICS

Gepoliano dos Santos Chaves
Jennie Hutchinson
Jay Kim
Logan Mulroney
Jacob Pfeil
Lauren Sanders

Candidates for Master of Science

BIOMOLECULAR ENGINEERING AND BIOINFORMATICS

Elizabeth DeVogelaere
Erik Hanson
Jim Zheng

Candidates for Bachelor of Science

BIOENGINEERING

Jose Alberto Aldapa
Dhriti Bolangadi
Stefanie Ana Brizuela
Ileanna Francis Anigbogu
Charles Cali*
Matthew Cattie**
Christopher Robert Cheney**
Karissa Choy
Martin Contreras
Lisa DeFeo*
Ali Fallahi*
Kyon Yong Teck Foo
Nicolas D. Gonzalez**
Paniz Hadjian
James R. Hahn**
Armenta Ricardo Andres Herrada
Alexander Andre Hoefler*
Manpreet Kaur
Mattiana Lang
David M. Lenci*

BIOINFORMATICS

Chianna A. Li
Edgardo Emanuel Linares
Natalie Luttrell*
Mary Rose McNeil
Patrick Mogianesi
Aishwarya Muralidharan
Brian Naranjo
Martina V. Pedersen
Jonah Pierce**
Evan R. Plummer
Mano Ranaweera
Farinaz Rezvani
Ethan Pietrick Santos
Rachel Schwartz*
Jonathan Sutter
Edmund Y. Tang
Alon Uralevich
Devin M. Virassamy
Andrew W. Zarzar*

Candidates for Bachelor of Science

BIOMOLECULAR ENGINEERING AND BIOINFORMATICS

Roshan Ahmed*
Ksenia Chistykyova
Varuna Dharaker*
Alinne Erayle Gonzalez
Kourosh Kouhmareh
Philip Thomas Laier Law*
Kaitlyn Nicole Myers
Gabriel Sanchez Jr.

COMPUTATIONAL MEDIA

Candidates for Doctor of Philosophy

COMPUTATIONAL MEDIA

Barrett Anderson

Candidates for Master of Science

COMPUTATIONAL MEDIA

Maryam Adamzadeh
Mahika Dubey
Sean Fernandes
Sarah Frost
Hadiseh Gooranorimi
Alexander Mayben
Mirek James Stolee
Candidate for Master of Science
GAMES AND PLAYABLE MEDIA
Nickolas Banducci
Jiakai Chen
Zachary Emerzian
Yitong Hu
Zhe Huang
Christopher Huynh
Ayesha Khalid
Bianka Kovacs
Brendon Lecount
Yupeng Li
Eunice Lim
Hsi Lin
Yehe Lin
Xiao Ma
Yu Qiao
Ernes Railey
Sai Ruthvik Thandayam
Kunyu Wang
Zhengbang Wang
Juexuan Wu
Weikai Wu
Bang Xiao
Weiran Ye
Zijie “Chris” Zhang

Candidate for Master of Science
SERIOUS GAMES
Terry Carroll-Beyak

Candidates for Bachelor of Science
COMPUTER GAME DESIGN
Jessie Aniguid**
Nathan Baledio*
Benjamin Chen**
Cole Navarre Esparza
Sean T. Fronteras*
Jonathon Bradley Gallardo
Jia Han Eric Hu**
Aaron John Kanehl
Brandon Kearns
Sanchit Keni
Mia Lynn King
Tiffany Lam
Sandra Tiu Latt
Hanette Ngoc Le*
Erwang Li
Preeti Mal
David James Monroe
Katherine Moses
Jeanette Mui*
Erica Thien-Tran Nguyen
Benjamin Roisen**
RaShaun Christopher Jordan Saephan
Veenna Ciara San Felipe
Caetano Selket Hyams
Yash V. Solanki
Sean Song*
Erika Mia Staud
Shineng Tang*
William Mason Taylor
Jacob Thompson*
Cole Matthew Watts
Jacob Alexander Wynd**
Jialin Xu
Bo Yang

COMPUTER SCIENCE AND ENGINEERING
Candidates for Doctor of Philosophy
COMPUTER ENGINEERING
James Mathewson
Huazhe Wang

Candidates for Doctor of Philosophy
COMPUTER SCIENCE
Ehsan Amid
Morteza Behrooz
Jacob Garbe
Shweta Jain
Stella Josephine Mazeika
Afshin Mobramaein Kano
Parameswaran Raman
Jiaqi Wu

Candidates for Master of Science
COMPUTER ENGINEERING
Joseph Adamson
Krystine Carrington
Kyle Ebding
Tanvir Heer
Venkata Vigneswara Jayanth
Induri
Kartik Rajesh Jain
Rohan Jobanputra
Micaela Kapp
Jonathan Lam
Dongshuo "Tony" Li
Jingshi Liu
Kenneth Mayer
Spencer Neuschmid
Huijie Pan
Joshua Pena
Jose Sepulveda
Jennifer Sowash
Jason Ting
Haoyuan Wang
Po-Jen Wang
Yiwen Wang
Kevin Woodward
Hai Yang
Xiaohan Zhang
Zhiyuan Zhang
Candidates for Master of Science

COMPUTER SCIENCE

Jianqiu Bai
Kang Chun Fan
Samuel Gabbard
Vihang Godbole
Morgan Grant
Erdong Guo
Yaohua “Howard” Guo
Dhawal Joharapurkar
Aasim Shahnawaz Khan
Jincheng Li
Xingyu Li
Kaixin Liu
Anastasia McTaggart

Thanh Trung Nguyen
Adil Rahman
Saloni Rane
Jennifer Sawyer
Nidhi Shah
Hainan Wang
Shih-Ming Wang
Jinrui Yang
Jie Yin
Chao Zhao
Minghui Zhou
Pengyang Zhou
Wenting Zhu

Candidates for Master of Science

COMPUTER SCIENCE AND ENGINEERING

Shresta Bellary Seetharam
Maxim Belman
Devesh Devsh
Natasha Mittal
Sachet Mittal
Nitesh Kumar
Singh Lakshminarasimhan
Srinivasan Nikhil
Varghese Vibin
Vijay Jason Vranek

Candidates for Bachelor of Science

COMPUTER SCIENCE

Allen Armstrong**
Isaiah Daniel Barron
Eric Laurent Bauer
Poucheong Chong**
Jesse Lawrence Cirimelli-Low*
Christian Cortes
Corey Freeman Dickson*
Jorge Antonio Henriquez
Noah C. House
Ocean Hurd
Joseph P. Kunzler**
Maxim Kuznetsov
Natan Kuznetsov
Natan Lao
Linda Loe

Yuriah Aidan Lydon
Jiaqi Miao*
Oliver Mulcahy
Jeffrey Ng
Yifeng Qin*
Jornell Lacanlale Quiambao*
Angela Rodriguez*
William Shaddix*
Nicholas Jubilee Tai*
Kai Tamkun*
Clayton Tan
Gia Trinh*
Xingyu Zhou

Candidates for Bachelor of Science

COMPUTER ENGINEERING

Shreya Hasitha Adloori
Yasin Aikebaier**
Kevin Almeida
Mamon Alsalihy
Jonathan Alvarez
Brian Macneil Andrus
Neel Apte
Justin C. Armbrust**
Sabrina Chiehyu Au
Cagan Bakirci*
Sri Bandaru
Michael Gali Bassous
Leila Bavaa
Adit Bhagat**
Eshan Bhargava
Mayowa A. Borisade
Simon Mikhailovich Bukin
Alan Caro*
Cristian Carrillo Castillo

Ani Chaloyan
Ismael Chavez
Andy Chen
Young D. Choe
Eugene Chou*
Ashley Cline**
Joseph Thomas Csoni
Sanjay Damani**
Vishal Damojipurapu*
Sachin C. Deshpande**
Ryan Devoy
Rebecca Aviva Dorn
Marius Paul Dumitrean*
Nixon Duong*
Jennifer Dutra*
Darren Eam
Stephan Edgar
Mohamed Elattma**
Justine M. Estrada
Candidates for Bachelor of Arts

COMPUTER SCIENCE

Nicholas Amendola**  Josiah D. Harper
Maya Apotheke       Bryan Jimenez
Steve Chan           Weihao Ke
Orlando Chavez       Kai Kondo-Bacon
Christopher Dennis Clary  Jace A. Marcos
Walter Condori Jr.   Hoa Thi Lien Nguyen
Elizabeth Dinh       Duc C. Nguyen
Tamara O. Dorian     Kyle O’Brien*
Maia Marina Dupuis   Jacob Rowen
Gabriel Raphael Garcia Montoya  Kevin Tran
James Goodman         Ulysses Uribe
Matthew Samer Halteh  Eduardo Villa

NETWORK AND DIGITAL TECHNOLOGY

Dante Nelson
Sabrina Sedell*

Candidates for Bachelor of Science

TECHNOLOGY AND INFORMATION MANAGEMENT

Saloni Agrawal       Brenda Gutierrez Cazarez
Andres T. Argueta-Reyes   Joan Ting Howe
Liliana Chavez Flores   Jennifer Kai
Sean H. Chao             Kenny Lee
Henry Alexander Davila   Enrique Loza-Vega
Jules De La Cruz        Arvind Nandi
Van Do                   Virgil Neyroud
Michael Neil Fan**   Jake C. Ng
Aidan Harrison Ferrer   Magdalena Ortiz Fischer
Sara Garcia             Anthony Christopher Overton
Nawadip Nova Ghimire    Aitanna Rene Parker
John Gnanasekaran      Riyana Patel

Candidates for Doctor of Philosophy

ELECTRICAL AND COMPUTER ENGINEERING

Golam Md. Imran Hossain

Candidates for Doctor of Philosophy

ELECTRICAL ENGINEERING

Mike Jaris
Lin Jin
Atif Maqsood
Jose Armando Oviedo
Md. Mahmudur Rahman
Heather Renee Sully
Tianchi Zeng

Candidates for Master of Science

ELECTRICAL AND COMPUTER ENGINEERING

Conrad Esch
Xiaoyang Jia
David Kooi
Ziyi Li
Rui Liu
Zhengqi Liu
Jiaha Luo
Zachary Potter

Mustapha Saad
Christopher Seruge
Yinghao Shao
Xing Sun
Akyl Swaby
Sam Teymoori
Xinyi Wu
Candidates for Master of Science

ELECTRICAL ENGINEERING
Torsten Eckert
Ryan Hartnett

Candidates for Bachelor of Science

ELECTRICAL ENGINEERING
Jonathan A. Adams
Andrew A. Alfaro
Shivaswarup Manjakuppam
Ashok
Juan M. Ayala
Joaquín Banuelos
Carson Barbeau
John B. Bennett
Allison Diaz*
Samm V. Garcia
Edison Simon Grauman*
Adam Grose
Selina Guan*
Gavin Haight*
Conner Hannon*
Ricardo Hernandez
Sean Elizabeth Hong
Kaixuan Huang
George Robert Leece*
Stephanie Lin
Jeffrey Justin Lo
Jose Alejandro Lopez
Christopher Bigalbal Magat*
Angelica Rangel Martinez*
Sergio Ismael Méndez Vargo*
Mason Mulholland
Vianey Alexis Padilla
Yan Zhuang Pei
Aditya Sehgal
Jordan Tam
Miguel Angel Torres
Truc Tran*
Munkhsuuri Tumurbaatar
Katelyn Leilani Young**

Candidates for Bachelor of Science

ROBOTICS ENGINEERING
Caleb Maxwell Cotter
Tolulope Familoni
Cole Austin Hlava
Hui Huang
Nicholas J. Jannuzzi
Kevin Jesubalan
Jacob Dale Baade Lambert*
Meiying Li
Sonya Nandkeshwar
Diego Reyes
Robin Seguin
Maulin Vajir
Andrew Wong*
Aaron M. Wood*

Statistics

Candidates for Doctor of Philosophy

STATISTICAL SCIENCE
Daniel Kirsner
Rui Meng
Kurtis Shuler
Daniel Spencer
Xingchen Yu

Candidate for Doctor of Philosophy

STATISTICS AND APPLIED MATHEMATICS
Sisi Song

Candidate for Master of Science

STATISTICAL SCIENCE
Alexander Pearson
**BASKIN ENGINEERING HONORS**

The designations are based on GPA, according to the following rankings:

** High Honors are awarded by the departments for excellent achievement in the major

* Honors are awarded by the departments for outstanding achievement in the major

GOLD CORDS WORN BY GRADUATES INDICATE INDIVIDUAL HAS EARNED HONORS IN MAJOR

**AWARDS AND HONORS**

**UCSC EXCELLENCE IN TEACHING AWARD**

The Excellence in Teaching Awards are given each year by the UC Santa Cruz Academic Senate Committee on Teaching and are among the highest honors faculty members can receive. The awards honor instructors who have demonstrated exemplary and inspiring teaching. The following faculty members received the award for the 2019-20 academic year.

Nathan Altice, Teaching Professor
Computational Media

Peter Alvaro, Assistant Professor
Computer Science and Engineering

**UNDERGRADUATE AWARDS**

**HUFFMAN PRIZE**

Jordan Ford
Bioengineering B.S.

**CHANCELLOR’S AND DEAN’S UNDERGRADUATE AWARDS**

Christopher Robert Cheney
Bioengineering B.S.

Ali Fallahi
Bioengineering B.S.

Landen Zackery Gozashti
Bioengineering B.S.

Zachary Joseph Haughton
Bioengineering B.S.

Issei Mori
Computer Science B.S.

**DEANS’ AWARDS**

Ikenna Anigbogu
Bioengineering B.S.

Melody Azimi
Biomolecular Engineering and Bioinformatics B.S.

Liana Beld
Molecular, Cell, and Developmental Biology B.S.

Nicolasa Cardenas
Biomolecular Engineering and Bioinformatics B.S.

Matthew Arthur Cattle
Bioengineering B.S.

Varuna Dharasker
Bioengineering and Molecular, Cell, and Developmental Biology B.S.

James Robert Hahn
Bioengineering B.S.

Manpreet Kaur
Bioengineering B.S. and Bioinformatics B.S.

Marcella Mirabelli
Molecular, Cell, and Developmental Biology and Bioinformatics B.S.

Serafina Maria Nieves
Bioengineering B.S.

Rita Ousterhout
Molecular, Cell, and Developmental Biology B.S.

Aren Kent Pageler
Biomolecular Engineering and Bioinformatics B.S.
Martina Pedersen
Bioengineering B.S.

Jonah Pierce
Bioengineering B.S.

Trevor Jay Ridgley
Biomolecular Engineering and Bioinformatics B.S.

Marcus Strauss
Computer Science B.S.

Liam Herrera Tran
Bioengineering B.S.

Shayan Vahdani
Molecular, Cell, and Developmental Biology B.S.

Jiasui Xu
Bioengineering B.S.

Andrew Zarzar
Bioengineering B.S.

GRADUATE AWARDS

16th ANNUAL GRADUATE RESEARCH SYMPOSIUM

Best of the Baskin School of Engineering

Vishal Charkraborty
Computer Science Ph.D.

DISSERTATION YEAR FELLOWSHIP 2019-20

President’s Dissertation-Year Fellowship

Alexandra Stambaugh
Electrical Engineering Ph.D.

Chancellor’s Dissertation-Year Fellowship

Emily Lovell
Computer Science Ph.D.

BSOE Dissertation-Year Fellowship

Ahsan Habib
Electrical Engineering Ph.D.

Jacob Pfeil
Biomolecular Engineering and Bioinformatics Ph.D.

Dissertation-Year Fellowship (1-Quarter)

Raquel Barata
Statistics and Applied Mathematics Ph.D.

Andrew Stolman
Computer Science Ph.D.

JACK BASKIN AND PEGGY DOWNES-BASKIN FELLOWSHIP

2019-20

Yohei Rosen
Biomolecular Engineering and Bioinformatics Ph.D.
BASKIN SCHOOL OF ENGINEERING FACULTY

APPLIED MATHEMATICS
Nicholas Brummell, Professor
Shawfeng Dong, Assistant Adjunct Professor
Pascale Garaud, Professor
Marcella Gomez, Assistant Professor
Qi Gong, Professor
Abhishek Halder, Assistant Professor
Jonathan Katznelson, Lecturer
Dongwook Lee, Associate Professor
Marc Mangel, Professor Emeritus
Bruno Mendes, Lecturer
Sara Nasab, Graduate Student Instructor
Steven Reeves, Lecturer
Daniele Venturi, Associate Professor
Hongyun Wang, Professor
Tenavi Nakamura-Zimmerer, Graduate Student Instructor

Sandra Dreisbach, Lecturer
Rebecca DuBois, Assistant Professor
Camilla Forsberg, Professor
Richard Edward Green, Associate Professor
Joy Hagen, Lecturer
David Haussler, Professor
Richard Hughey, Professor
Zia Isola, Lecturer
Kevin Karplus, Professor
Nader Pourmand, Professor
Wendy Rothwell, Lecturer
Seyed Ali Mohamm Shariati, Assistant Professor
Joshua Stuart, Professor
Terry Terhaar, Lecturer
Christopher Vollmers, Assistant Professor
Zemin Zhang, Adjunct Professor

BIOMOLECULAR ENGINEERING
Mark Akeson, Professor
Phillip Berman, Professor Emeritus
David Bernick, Assistant Adjunct Professor & Lecturer
Angela Brooks, Assistant Professor
Robert Coffman, Adjunct Professor
Russell Corbett-Detig, Assistant Professor

COMPUTATIONAL MEDIA
Nathan Altice, Teaching Professor
Elin Carstensdottir, Acting Assistant Professor
Joel Dreskin, Lecturer
Jared Duval, Graduate Student Instructor
Oskar Elek, Lecturer
Angus Forbes, Associate Professor
Brian Hansen, Lecturer

Katherine Isbister, Professor
Michael John, Teaching Professor
Sri Kurniawan, Professor
Tad Leckman, Lecturer
David Lee, Assistant Professor
Michael Mateas, Professor
Edward Melcer, Assistant Professor
Mason Remaley, Lecturer
Daniel Shapiro, Adjunct Professor and Lecturer
Adam Smith, Assistant Professor
Terry Smith, Lecturer
Leila Takayama, Associate Professor
Patrick Trinh, Lecturer
Noah Wardrip-Fruin, Professor
Marc Weber, Lecturer
James Whitehead, Professor
Stephen Whittaker, Professor
Christopher Yonge, Lecturer
Tenavi Nakamura-Zimmerer, Graduate Student Instructor

COMPUTER SCIENCE AND ENGINEERING
Martin Abadi, Professor Emeritus
Peter Alvaro, Assistant Professor
Owen Arden, Assistant Professor
Delbert Dean Bailey, Lecturer
Scott Beamer, Assistant Professor
Scott Brandt, Professor
Alexandre Brandwajn, Professor Emeritus
Alvaro Cardenas, Associate Professor

Seshadhri Comandur, Associate Professor
James Davis, Professor
Luca de Alfaro, Professor
Subhas Desa, Teaching Professor
Maxwell Dunne, Lecturer
Joel Ferguson, Professor Emeritus
Sheldon Finkelstein, Lecturer
Cormac Flanagan, Professor
Jeffrey Flanigan, Assistant Professor
Daniel Fremont, Assistant Professor
Jose Joaquin Garcia-Luna-Aceves, Professor
Lise Getoor, Professor
Rick Graziani, Lecturer
Abhadeep Guha Thakurta, Assistant Professor
Matthew Guthaus, Professor
Dilek Hakkani-Tur, Lecturer
David Harrison, Teaching Professor
David Helmbold, Professor
Richard Hughey, Professor
Richard Jullig, Lecturer
Erik Jung, Graduate Student Instructor
Phorion Kolaitis, Professor
Lindsey Kuper, Assistant Professor
Tracy Larrabee, Professor
Jeff LeFevre, Assistant Adjunct Professor
Robert Levinson, Professor Emeritus
Heiner Litz, Assistant Professor

Sheldon Finkelstein, Lecturer
Cormac Flanagan, Professor
Yang Liu, Assistant Professor
Suresh Lodha, Professor
Sheldon Logan, Lecturer
Wesley Mackey, Lecturer
Carlos Maltzahn, Adjunct Professor
Roberto Manduchi, Professor
Charles McDowell, Professor Emeritus
Ethan Miller, Professor
Gerald Moulds, Lecturer
Alexey Munishkin, Graduate Student Instructor
Larissa Munishkina, Lecturer
John Musacchio, Professor
Ike Nassi, Adjunct Professor
Faisal Nawab, Assistant Professor
Narges Norouzi, Teaching Professor
Katia Obraczka, Professor
Alex Pang, Professor
Christina Parsa, Lecturer
Mehrdad Parsa, Lecturer
Ira Pohl, Professor Emeritus
Rebecca Rashkin, Lecturer
Jose Renau, Professor
Martine Schlag, Professor
Marcelo Siero, Lecturer
Bradley Smith, Associate Adjunct Professor
Tyler Sorensen, Assistant Professor
Neel Sundaresan, Adjunct Professor

Michael Tanner, Professor Emeritus
Patrick Tantalo, Lecturer
Allen Van Gelder, Professor
Anujan Varma, Professor
Paul Vroomen, Lecturer
Marilyn Walker, Professor
Manfred Warmuth, Professor Emeritus
Linda Werner, Adjunct Professor
Alexander Wolf, Distinguished Professor and Dean
Yi Zhang, Professor

ELECTRICAL AND
COMPUTER ENGINEERING

Shiva Abbazadeh, Assistant Professor
Sara Abrahamsson, Assistant Professor
Alvaro Cardenas, Associate Professor
Jun Chai, Lecturer
Pak Chan, Professor Emeritus
Ying Kuang Chen, Lecturer
Yihsu Chen, Professor
Keith Corzine, Professor
Renwick Curry, Adjunct Professor
Dominique De Wit, Graduate Student Instructor
Michael Drew, Lecturer
Maxwell Dunne, Lecturer
Gabriel Elkaïm, Professor
Tela Favaloro, Lecturer
Benjamin Friedlander, Professor

Claire Gu, Professor Emeritus
Michael Saul Isaacson, Professor Emeritus
Steve Kang, Professor
Nobuhiko Kobayashi, Professor
Patrick Mantey, Professor Emeritus
Dejan Milutinovic, Professor
Michael Oye, Associate Adjunct Professor & Lecturer
Peiina Parsa, Professor
Kenneth Pedrotti, Professor
Stephen Petersen, Teaching Professor
Marco Rolandi, Professor
Hamid Sadjapour, Professor
Ricardo Sanfelice, Professor
Holger Schmidt, Professor
Mircea Teodorescu, Associate Professor
John Vesecky, Professor Emeritus
Michael Wehner, Assistant Professor

ENGINEERING SCHOOL

Ram Akella, Professor
Darrell Long, Professor

STATISTICS

Laura Baracaldo, Graduate Student Instructor
Raquel Barata, Graduate Student Instructor
Maura Carter, Lecturer
David Draper, Professor
Rajarshi Guhaniyogi, Assistant Professor
René Gutierrez Marquez, Graduate Student Instructor
Jiangeng Huang, Visiting Assistant Professor
Jonathan Katznelson, Lecturer
Daniel Kirsner, Graduate Student Instructor
Athanasios Kottas, Professor
Ju Hee Lee, Associate Professor
Herbert Lee, Professor
Arthur Laureano Lui, Graduate Student Instructor
Robert Lund, Professor
Bruno Mendes, Lecturer
Robin Morris, Associate Adjunct Professor
Raquel Prado, Professor
Abel Rodriguez, Professor
Bruno Sanso, Professor
Daniel Spencer, Graduate Student Instructor
Claudia Wehrhahn Cortes, Lecturer
Wenjie Zhao, Graduate Student Instructor
The Baskin School of Engineering's graduation ceremony (commencement celebration) is independent of the colleges' and graduate division's commencement celebration and it is arranged for a day and time that won't interfere with those ceremonies.

The first organized CE/CS graduation ceremony, proposed during the 1994-1995 academic year, was arranged by and for computer science and computer engineering students who realized the bond between CE/CS students. Having shared so many experiences together, they also wanted to share the memorable occasion of graduation with their peers and colleagues.

“As one codes a program or builds that project, one also builds friendships. It is these friendships that add more meaning to your goal as an undergraduate.”

—CE/CS Graduation Committee, Class of 1995

The Engineering Honor Society at UC Santa Cruz was officially installed as the California Alpha Delta Chapter of Tau Beta Pi in a ceremony held on Saturday, March 8, 2008 at UCSC's Baskin School of Engineering. Tau Beta Pi, founded in 1885, is the largest honor association in the world, with nearly 500,000 members.

The ceremony included the induction into the association of 20 UCSC alumni and 13 current students. The chapter was also honored to include one faculty member - Patrick Mantey, Professor of Computer Science and Engineering - who had not been formally inducted although he helped set up a Tau Beta Pi chapter at the University of Notre Dame as an undergraduate.

Tau Beta Pi recognizes students of distinguished scholarship and exemplary character, emphasizing integrity, excellence and dedication to service. Only the top one-eighth of juniors and one-fifth of seniors may be considered for membership, and students must perform service projects prior to initiation.

Affiliation with Tau Beta Pi was a goal of UCSC’s Engineering Honor Society since its formation in 2004. UCSC’s petition for a campus chapter was approved in 2007.
BASKIN SCHOOL OF ENGINEERING
STUDENT ORGANIZATIONS

The Baskin School of Engineering is very proud of its many vibrant, active student organizations. Some groups are part of national organizations and others were formed by students who are very involved in their chosen field of study. We are pleased to recognize these groups.

Amateur Radio Club
Association for Computing Machinery (ACM)
Association for Computing Machinery - Women (ACM-W)
Bioinformatics Club
CruzHacks
Formula Slug
Girls Who Code
Institute of Electrical and Electronics Engineers (IEEE)
Information Systems Management Association (ISMA)
National Society of Black Engineers (NSBE)
Rocket Team
Santa Cruz Artificial Intelligence Club
Santa Cruz Linux User Group (SlugLUG)
Security Santa Cruz (SSC)
Slugbotics
Slug Gaming
Society for the Advancement of Chicanos and Native Americans in Science
Society of Asian Scientists and Engineers (SASE)
Society of Hispanic Professional Engineers (SHPE)
Society of Women Engineers (SWESLUGS)
Tau Beta Pi (TBP)
Women in Science and Engineering (WISE)

ACADEMIC REGALIA

The origins of academic regalia date back to the 12th and 13th centuries, when universities were taking form. The first gowns were patterned after the dress of a cleric and were believed to be a necessity for warmth in unheated buildings. Hoods were designed to serve as cover for the tonsured head. Caps were not used at that time. It wasn’t until the late 19th century that colors were assigned to signify degrees. The colored used should be indicative of the subject to which the degree pertains. For example, the velvet for the degree of Master of Science in Education should be light blue, representing education, rather than gold, representing science. No academic hood should ever represent more than a single degree.

In the case of the Ph.D. degree, the dark blue color is used to represent the mastery of the discipline of learning and scholarship in any field that is attested to be the awarding of this degree and is not intended to represent the field of philosophy. For all academic purposes, the colors associated with the different disciplines are as follows:

Accountancy – Drab
Agriculture – Maize
Anthropology – Gold
Architecture – Blue Violet
Arts – White
Auditory – Rhodes Blue
Biochemistry – Gold
Business Administration – Drab
Chiropractic – Gray
City Planning – Blue Violet
Commerce – Drab
Communication – Crimson

Counseling & Guidance – Lt. Blue
Dentistry – Lilac
Divinity – Scarlet
Dramatic Arts – Brown
Economics – Copper
Education – Lt. Blue
Engineering – Orange
English – White
Fine Arts – Brown
Foreign Service – Peacock Blue
Forestry – Russet
History – White
BASKIN ALUMNI ADVISORY COUNCIL

Congratulations! On behalf of the Baskin Alumni Advisory Council (BAAC), it is our pleasure to officially welcome you to the Banana Slug Alumni Network. In these trying times, you have still reached a milestone with the completion of your degree. You are joining scores of other alumni, some of whom graduated in similarly uncertain times. All continued on to write the next exciting chapters of their lives.

We wish you every success in your professional and personal endeavors and strongly encourage you to stay connected and involved in Baskin Engineering and the alumni network.

The mission of the BAAC is to leverage the talent and experience of its members to provide guidance and leadership to the Dean, faculty, students, staff, and alumni of the UCSC Baskin School of Engineering. The BAAC will provide assistance in maintaining, building, and promoting the Baskin School as a premier research and teaching institution. It will help Baskin Engineering build a pipeline of private philanthropy, foster connections to extramural resources, and provide support to encourage public/private research and educational collaborations.

The BAAC has four areas of focus:

Marketing and Branding the Baskin School of Engineering
Help advise on future directions of engagement that will further the Baskin School of Engineering as a technologically innovative engineering school of the 21st century and help establish its brand in Silicon Valley.

Student Advisor and Industry Connections
Help connect students with industry experts for career networking. Help connect the Baskin School of Engineering with judges, sponsors, and project ideas for the capstone engineering project course. Liaison with leaders of student clubs, societies, and groups and with the University Career Center in support of their student recruitment activities.
**Interdisciplinary Collaborations and Entrepreneurial Engagements**
Help promote the Baskin School of Engineering in its collaborative mission by co-sponsoring university lectures, seminars, research reviews, and other engineering related interdisciplinary activities. Assist the university in identifying partners and investors in support of its entrepreneurial activities.

**Alumni Engagement and Philanthropy Support**
Help with planning and organizing meaningful networking events for Baskin School of Engineering alumni with the goal of increasing alumni engagement and philanthropy. Work with Baskin Engineering staff to publicize alumni profiles, stories, career achievements, and other related social activities.

For more information about the BAAC and to learn how to get more involved, please visit [baac.soe.ucsc.edu](http://baac.soe.ucsc.edu).

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**FACULTY RETIREMENTS**

**Phokion G. Kolaitis**  
*Distinguished Professor of Computer Science and Engineering*  
*UCSC Years of Service 1988-2020*

**David Helmbold**  
*Professor of Computer Science and Engineering*  
*UCSC Years of Service 1986-2020*

We thank you for your many years of service to UC Santa Cruz and the Baskin School of Engineering—best wishes on your retirement!

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**STAY CONNECTED**

to the Jack Baskin School of Engineering at UC Santa Cruz  
LinkedIn: Jack Baskin School of Engineering  
Twitter: UCSC_BSOE  
Facebook: BaskinSchoolofEngineering  
Instagram: UCSCengineering  
YouTube: Jack Baskin School of Engineering

**GET INVOLVED**

with the Baskin Alumni and the Baskin Alumni Advisory Council...  
LinkedIn: Baskin Alumni group  
Facebook: Baskin Alumni group  
Twitter: @ucsc_baac  
Meetup.com: UCSC Baskin School of Engineering Alumni  
Email: baac@soe.ucsc.edu

**KEEP IN TOUCH**

We want to hear your ideas and share your stories and successes!  
Send them to: communications@soe.ucsc.edu

**CONGRATULATIONS CLASS OF 2020!**
FAREWELL AND CONGRATULATIONS
FROM FACULTY & STAFF

The faculty and staff of the Baskin School of Engineering wish you the absolute best of luck as you step into the next stage of your amazing life. We greatly regret not being able to celebrate with you in person. We hope you enjoy these heartfelt messages from faculty and staff.

With admiration, hope, and confidence in your future,

Baskin School of Engineering

Prof. Matthew Guthaus
Prof. Martine Schlag
Prof. Kevin Karplus
Prof. Tracy Larrabee
Prof. Peter Alvaro
Prof. C. Seshadhri
Congratulations! You made it! According to the National Science Foundation, fewer than five percent of all undergraduates come out of school with engineering degrees. So not only have you made it, but you made it against odds. With a degree in engineering, you are among the few who can contribute constructively in a world full of complexity. To students in my AI and Ethics & Algorithms classes, I hope you’ve come away with tools and skills that will help you engage and … save the world (please, ???!). Best of Luck, Keep in Touch, and Thanks!

Lise Getoor
Professor, Computer Science and Engineering

Congratulations Class of 2020! You have made a great achievement in this unique and extraordinary situation. It’s my privilege of being with you in the past.

You are at the beginning of a long journey. Personal development goes beyond school. If you encounter tough or uncertain times, please stay positive, be creative, work hard, remember you have come a long way, and learn from your experiences. Challenges can make you stronger and good times will eventually come.

Best of luck on your journey beyond UCSC. Have a great future, enjoy your life and make a positive impact! UCSC will always be your home, support you, and cheer for you!

Yi Zhang
Professor

Congratulations! This is such an important time for you. Many will reflect on this year and focus on its challenges. I hope you frame it in terms of your resilience, resolve, and success! You have been working hard for the past few years to reach your goals and now you are here. Let’s revel in this fact. The hours you have dedicated to studying, programming, researching, stressing, submitting assignments, mentoring, networking and making lifelong friends and colleagues are worth celebrating. You are worth celebrating. As you move forward, always remember to be thoughtful, kind, and help those who cannot help themselves and never forget that you have what it takes to change the world and live your dreams!

Dr. Carmen Robinson
Director, Student Excellence, Engagement, and Inclusion

COMPUTATIONAL MEDIA FACULTY

Today, Computational Media gains very promising new additions. You’re on your way to seek new adventures, dream new dreams, embark on who you are. The road ahead will have its ups and downs, but I fully believe that you are well-prepared to overcome anything that comes your way. Congratulations on your graduation!

Sri Kurniawan

Congratulations to our graduating seniors! Your skill, thoughtfulness and creativity is inspiring. I was quite impressed with how well the teams in CM 171 performed under difficult circumstances. The world needs more people like you: people who know how to work in interdisciplinary teams and bring technical skills plus media and cultural sophistication to creative problem solving.

Michael Mateas
Congratulations on your graduation! It has been inspiring to see the passion and enthusiasm that you have maintained in CM 172 despite the challenging and difficult times, and it's been a delight to work with you. You can be really proud of your resilience and all the great games you've built. Wishing you all the very best of luck and looking forward to playing your games!

Elin Carstensdottir

Congratulations to you all for reaching this important milestone and persevering through incredibly difficult challenges in this last year. The world is a tough place right now, there's no way to hide that. But I have confidence that you will succeed and help to shape it in ways that bring back hope. No matter what the world tells you, remember that you have intrinsic worth, and an important role and contribution to make. Looking forward to seeing the amazing things you do!

David Lee

Congratulations seniors on your graduation! It was a pleasure getting to work with you all in CM 171 and see so many creative game ideas. Your ability to adapt and remain productive in the face of multiple obstacles is truly impressive, and I can't wait to play the games you all have been working so hard on this year. Looking forward to seeing where you all go from here! Best of luck!

Eddie Melcer

Dear class of 2020. I haven't worked with all of you, but many of you have been in my CMPM 80K class, some have been reader/tutors with me, and some have even done research with my lab. I've been consistently impressed by your creativity, compassion, skills, and hard work. It's been an honor and a pleasure working with you, I wish you all the best — and I hope we get to catch up at an alumni event, in a saner world, not too long from now.

Noah Wardrip-Fruin

Good luck in your futures, Class of 2020, whatever they turn out to be.

Steve Whittaker
Visit graduation2020.soe.ucsc.edu for graduation photos, faculty messages, and more.