

153rd

Commencement

COLLEGE OF ENGINEERING

UNIVERSITY OF CALIFORNIA, BERKELEY

MAY 18, 2022





LIVE WEBCAST AT: engineering.berkeley.edu/BEgrad



Dean's Note

On behalf of the College of Engineering, I extend warmest congratulations to our graduating doctoral degree students on your achievement! You earned your place here today because of the hard work, creativity and collaborative spirit that you applied to your graduate studies and overall learning experience at UC Berkeley. As you embark on the next phase of your life, I hope you will apply the knowledge, skills, insights and connections you've gained at Berkeley Engineering to make a positive difference.



We know that the most successful leaders are those who can inspire and bring out the best in others to achieve beyond expectations. Working in small teams or across big organizations, we can achieve better outcomes by valuing and leveraging every team member's perspective and ideas. By advancing inclusive excellence, we can transform engineering and shape a better future — one that is healthier, sustainable and equitable — for our global society.

I hope you will stay in touch with us and other members of the Berkeley Engineering community, which includes more than 73,000 alumni living in 117 countries around the world. Online networking groups, including the @cal Alumni Network, serve to connect you to fellow alums — and can lead to exciting new opportunities and relationships in your professional career and personal journey.

Congratulations again and best wishes to all of our doctoral degree graduates. *Go Bears!*

— Tsu-Jae King Liu, Dean and Roy W. Carlson Professor of Engineering

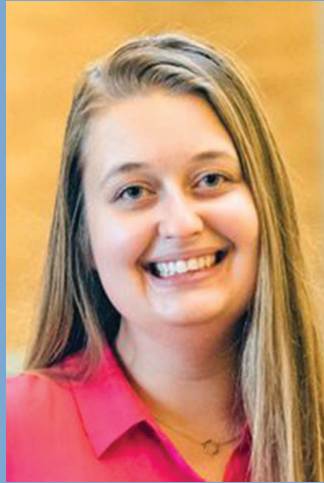
Pledge of Ethical Conduct for Engineers



We, the graduating engineering Class of 2022, in recognition of the importance of our technologies in affecting the quality of life throughout the world, and in accepting a personal obligation to our profession, its members and the communities we serve, pledge to commit ourselves to the highest ethical and professional conduct. Throughout our careers, we will consider the ethical implications and the impact on safety, health and welfare of the public and the environment of the work we do before we take action. While the demands placed upon us may be great, we make this declaration because we recognize that individual responsibility is the first step on the path to a better world for all.

— ADOPTED BY THE STUDENT RELATIONS COMMITTEE, ENGINEERING STUDENT COUNCIL
AND SOME 85 STUDENT SOCIETIES OF THE UC BERKELEY COLLEGE OF ENGINEERING

Commencement Speakers



Sally Winkler

Ph.D.'20 BioE

Sally Winkler is a biological research scientist at AbbVie, where she is focused on preclinical medical device R&D, including work on the Allergan Aesthetics breast reconstruction and aesthetics portfolio.



Ann Lee-Karlon

B.S.'89 BioE

Ann Lee-Karlon is chief operating officer of Altos Labs, a biotechnology company focused on restoring cell health and reversing disease through cellular programming. Previously, as senior vice president at Genentech, she oversaw more than 35 drug development teams in the pipeline. She holds a Ph.D. in bioengineering from UC San Diego.

Doctoral Commencement

WEDNESDAY, MAY 18, 2022 | 2:00 P.M. | HEARST GREEK THEATRE

ENTRY OF GRADUATES

ENTRY OF FACULTY

Led by Kristin Persson, *Marshal, Professor of Materials Science & Engineering*

THE STAR-SPANGLED BANNER

Leah Scurlock, *B.A.'23 Music, Vocal Performance*

GREETINGS & CONGRATULATIONS

Tsu-Jae King Liu, *Dean, College of Engineering*

STUDENT ADDRESS

Sally Winkler, *Ph.D.'20 Bioengineering*

COMMENCEMENT ADDRESS

Ann Lee-Karlon, *B.S.'89 Bioengineering;*
Chief Operating Officer, Altos Labs

CONFERRING OF DOCTORAL DEGREES



RECEPTION TO FOLLOW AT CAMPANILE ESPLANADE



DEGREES OF

doctor of philosophy

APPLIED SCIENCE & TECHNOLOGY

Carlos Biao
Akel Hashim
Fumika Isono
Seungwook Ji
Ryo Mori
Samuel Olivier
Emma Regan
Mohammad Soheilypour
Meng Zhang

BIOENGINEERING

Ka Man Carmen Chan
Caylin Colson
Kristen Cotner
Claudia Iriondo
Jasmine King
Hardik Kothare
Philip Lee

Kazuomori Lewis
Marc Adrian Lim
Paola Andrea Lopez
Suraj Makhija
David Keith Piech
Charles A. Schurman
Soo Hyun Shin
Jordi Silvestre-Ryan
Emily Suter
Sara Monica Winkler
Kyrollos Yanny

CIVIL & ENVIRONMENTAL ENGINEERING

Siva Rama Satyam Bandaru
Juan David Caicedo Castro
Juan Carvajal Vinasco
Jade Cohen
Emily Kathryn Cook
Lu Dai
Yanghua Duan
Tal Feinstein
Casey Thomas Kazuyuki
Finnerty

Emily Barnes Franklin
Yuqing Gao
Sara Glade
Hannah Greenwald
Fiona Greer
Lukas Hackl
Sofia Dagmar Hamilton
Dana Hernandez
Peter George Hubbard
Daniel Hutabarat
Ibrahim Jamal Itani
Grigorios Lavrentiadis
Ang Li
Chenglong Li
Gabriel Pablo Lobo Benavides
Jiajian Lu
Emma Lucken
Zorana Mijic
John William Murphy
Hassan Obeid
Ruonan Ou
Jes Parker
Bassel Sadek
Ezra Yoanes Setiasabda

Angela Stiegler
Rebecca Sugrue
Chao Wang
Jeannie Wilkening
Stephen David Wong
Soomin Woo
Benjamin Worsfold
Renjie Wu
Yuxi Xie
Ke Xu
R. Andrew Yeskoo
Mengqiao Yu
Miklos Zoller

ELECTRICAL ENGINEERING & COMPUTER SCIENCES

Christos Georgios
Adamopoulos
Shruti Agarwal
Alon Amid
Matthew Giorgis Clive
Anderson
Armin Askari
Samaneh Azadi



Andrea Bajcsy
 Ashwin Balakrishna
 Sanjit Singh Batra
 Carol Louise Baumbauer
 Kush Bhatia
 David Biancolin
 Benjamin Acker Brock
 Mikhail Burov
 Sidney Douglas Buchbinder
 Michael B. Chang
 Margaret Pfeiffer Chapman
 Oliver Chen
 Xinyun Chen
 JD Co-Reyes
 Michael Danielczuk
 Sohun Datta
 Michael David Dennis
 Christine Dierk
 Frederik Ebert
 Regina Frances Eckert
 Jordan Edmunds
 Melih Elibol
 Justin Fu
 David Gaddy

Arun Ganesh
 Hani Gomez
 Erin Marie Grant
 Giulia Guidi
 Gautam Gunjala
 Kourosh Hakhamaneshi
 Laura Annice Hallock
 Sang Min Han
 Victor Han
 Dan Hendrycks
 Grant Ho
 Xiaoe Hu
 Yuncong Hu
 Isabella Huang
 Qijing Huang
 Samee Omotayo Ibraheem
 Baihong Jin
 Gregory Kahn
 Ming-Yen Kao
 Karl M. Krauth
 Sashank Krishnamurthy
 Philippe Laban
 Nathan Lambert
 Dayeol Lee

Kuan-Yun Lee
 Yu-Hung Liao
 Richard Lin
 Fanglin Linda Liu
 Lydia Tingruo Liu
 Zhuang Liu
 Juan Pablo Llinas
 Jodi Tsu-An Loo
 Eric Love
 Parsa Mahmoudieh
 Carolyn Matl
 Smitha Milli
 Pratyush Mishra
 Keith Moffat
 Kristina Monakhova
 Aisha Mushtaq
 Vidya Muthukumar
 Anusha Nagabandi
 Ashvin Nair
 Emily Naviasky
 Molly Jane Nicholas
 Wanwoo Noh
 Bryan O'Gorman
 Benjamin Osoba

Ashwin Pananjady
 Akshay Pattabi
 Nathan Pemberton
 Soham Rajesh Phade
 Henry Pinkard
 Vitchyr He Pong
 Roshan Rao
 Paria Rashidinejad
 Siddharth Reddy
 Thomas Ryland Rembert
 Yonghuan David Ren
 Esther Rolf
 Mahsa Sadeghi
 Eldon Schoop
 Urmita Sikder
 Avi Singh
 Chandan Singh
 Aravind Srinivas
 Katherine Renee Stasaski
 Sarah Gimbert Stermann
 Jaimie Swartz
 Brijen Thananjeyan
 Neil Thomas
 Nan Tian



Rundong Tian
Nilesh Tripuraneni
Shiekh Zia Uddin
Marcell Vazquez-Chanlatte
Moulios Vrettos
Allon Wagner
Alvin Wan
Dequan Wang
Guanhua Wang
Stephanie Wang
Nathaniel Weinman
Tyler Westenbroek
Chenggang Wu
Yifan Wu
Doris Xin
Wang Xin
Kelvin Xu
Christopher Yarp
Zhixin Alice Ye
Justin Yim
Dong Yin
Yang You
Xiangyu Yue
Panagiotis Zarkos
Marvin Zhang

INDUSTRIAL ENGINEERING & OPERATIONS RESEARCH

Caleb Xavier Bugg
Yusuke Kikuchi
Heyuan Liu
SangWoo Park
Georgios Patsakis

MATERIALS SCIENCE & ENGINEERING

Luis Barroso-Luque
Humberto Bádiz Guerrero
Stefano Cestellos Blanco
Rui Chen
Tina Chen
Peyman Delparastan

Jon Ell
Catherine Groschner
Aaron Michael Hall
Xiaoxi Huang
Zhenni Lin
Handong Ling
Le Ma
Martin Siron
Yaosen Tian
Qingjun Wang
Yihan Xiao
Julia H. Yang

MECHANICAL ENGINEERING

Sofia Arevalo
Paige Elizabeth Balcom
Nicolas Castrillon
Lee Donggun
Sayna Ebrahimi
Jacqueline Ann Elwood
Lauren Bergin Gagnon
Allison Jean Gleason
Payton Goodrich
Daniel Joseph Grieb
Ruiqi Guo
Evan Hemingway
Conrad Holda
Alexandre Immas
Roger Samir Isied
Shiyu Jin
Kristyn Kadala
Michael Kelly
Donghoon Kim
Abdullah Kuraan
Patrick Kwon
Jessica Leu
Jiachen Li
Emily Lindberg
Zhenyuan Liu
Gabriel R. López Marcial
Katerina Malollari
George Edward Moore II

Zhaoyu Nie
Do Hai Ninh
Sedat Pala
Minok Park
Mohaddeseh Peyro
Jared Porter
Neil Ramirez
Yoonsoo Rho
Angel Francisco Rodriguez
Brian Salazar
Haris Moazam Sheikh
Zhengliang Su
Eric Christopher Sweet
Chen Tang
Eric Thacher
Zacharias Vangelatos
Benjamin Werbner
Jason Wu
Tongge Wu
Xiangyu Wu
Zachary Nicholas Yun
Jun Zeng
Alan Zhang
Minhao Zhou
Zhuo Xu

NUCLEAR ENGINEERING

Tyler Allan Bailey
Michael Bondin
Justin Ellin
Shane Eric Gallagher
Timothy Genda
Ishak Johnson
Samantha Michelle Lewis
Franziska Schmidt
Maria Simanovskaia
Dajie Sun
Adriana Sweet
Joanna M. Szornel
Yufei Wang



Today, you join a vital community of leaders, builders, astronauts, CEOs, researchers, educators, even Academy Award winners—all Berkeley engineers.



WELCOME TO THE BERKELEY ENGINEERING ALUMNI COMMUNITY

Stay connected:

The benefits of belonging are just a click away: career and social networking, continuing education, mentoring opportunities and much more. We'll keep in touch so you don't miss out.

Contact us:

bears@berkeley.edu | engineering.berkeley.edu/alumni

Find Berkeley Engineering Alumni:

Join the @cal Alumni Network to connect with fellow alums and build a free @cal public profile, a page featuring your social links and websites, official academic degree and contact information. Learn more about our LinkedIn, Facebook and other alumni networking groups at engineering.berkeley.edu/alumni

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