Stanford University



132nd Commencement

List of Conferred Degrees and Degree Candidates

Sunday, June 18, 2023 at 9:30 a.m. Stanford Stadium, Stanford, California

Degrees Conferred and Degree Candidates

Graduate School of Business 3
Master of Arts 3
Master of Science 3
Master of Business Administration 4
Doctor of Philosophy 7
Graduate School of Education
Master of Arts 8
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Doctor of Philosophy 10
School of Engineering
Bachelor of Science
Bachelor of Arts and Science 18
Master of Science
Engineer
Doctor of Philosophy 29
School of Humanities and Sciences
Bachelor of Arts
Bachelor of Science
Bachelor of Arts and Science 46
Master of Arts 46
Master of Fine Arts 48
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Master of Public Policy. 48
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School of Medicine
Master of Science 59
Doctor of Medicine
Doctor of Philosophy
Stanford Doerr School of Sustainability 64
Bachelor of Science
Master of Arts
Master of Science
Doctor of Philosophy

Graduate School of Business Jonathan Levin, Dean

Master of Arts

DEGREE CANDIDATES, JUNE 18, 2023 Alper Yilmaz • Business Research

Master of Science

DEGREES CONFERRED SEPTEMBER 29, 2022 Evgeniy Zhdanov • Management

30 H BE

Master of Science DEGREES CONFERRED JANUARY 12, 2023

Rene Caissie • Management Mariana Lopez De Heredia Afonso • Management

30 × 100

Master of Science

DEGREE CANDIDATES, JUNE 18, 2023 Alaa Abdel Rahim • Management Yussuf Abdel-Aleem • Management Olusola Maryam Adesanwo • Management Javier Alejandro Araya Kopaitic • Management Sebastian Ladislao Balazs Marzullo • Management Kalukapuge Narendra Bandaranayake • Management Yulia Barinskaia • Management Amit Bharti • Management Caroline Bishop • Management Atul Bist • Management Michael James Cameron Burnett • Management Yufei Cai • Management Yun Hee Chang • Management Chen Chen • Management Yuen Chiu • Management Hardik Umesh Choksi • Management Yeng Hian Chua • Management Hillary Anne Artis Clevenger • Management Margaret Coblentz • Management Annemarie Dalka • Management Freddy Alberto Dominguez Ortiz • Management Qiujie Dong • Management Lacey Calac Dunne • Management Yangpeng Fu • Management Vijay Garimella • Management Pawan Gupta • Management Jason Harden • Management Robert Arthur Hoffman • Management Ibtihal Hyder • Management Shumpei Ishikawa • Management Ashtan Domonique Jordan • Management Ksenia Kiykova • Management

Ramanuj Lal • Management Guillermo Lamsfus Bravo • Management Kim Latypov • Management Bennett Lee • Management Gil Woo Lee • Management Matthew Mun Hong Lee • Management Jing Liao • Management Yutian Luo • Management Allan Chriistian Madoc • Management Gaurav Manchanda • Management Walter Kipkorir Mibei • Management Shilesh H. Muralidhara • Management Felippe Murata Galeb • Management Wendy Uyen Nguyen • Management Noor Izzaldeen Noor Hasnan • Management Ananth Padmanabhan • Management Phoebe Claire Park • Management Suril Patel • Management Trisha Pathak • Management Hector Perea Saavedra • Management Federico Victor Potocnik • Management Volodymyr Protsenko • Management Nicolas Restrepo Pelaez • Management Thitaporn Sakulrompochai • Management Andres Eduardo Salata Stoulman • Management Ignacio Maria Santillana Farakos • Management Siffat Sarwar • Management Sean Sasso · Management Ryota Sato • Management Artur Sedrakyan • Management Omar Shaya • Management Margo Zurawski Stokum • Management Niketha Sruthikeerthi Sushilkumar • Management Orsolya Szabo • Management Hideki Tamamaki • Management Keisuke Tanigaki • Management Hideki Tomita • Management Aleksei Utkin • Management David Vernal • Management Reed Verucchi • Management Ke Wang • Management Wei Wang • Management Chao Ping Wu • Management Fabiana Cristina Yu • Management Reut Zvia Zeiri • Management **Orr Zeitler •** Management Xingjian Zhang • Management Xuesong Zhu • Management

Every effort has been made to ensure the accuracy of the online graduate candidate listings. However, listing online does not guarantee that a degree has been or will be awarded. Confirmation of degrees awarded can be requested from the Office of the University Registrar after June 18, 2023. This document is intended as a souvenir from the Stanford University Commencement ceremony and one time publication. Contact the Office of the University Registrar in the event of any questions about a listing. Any other use, or dissemination, without permission is prohibited. © Stanford University 2023. All rights reserved.

3. J. C.

Master of Business Administration DEGREES CONFERRED SEPTEMBER 29, 2022 Roberto Enrique Kafati Santos Joseph Bishara Morcos

3. J. C.

Master of Business Administration DEGREES CONFERRED JANUARY 12, 2023

Julian Atehortua John R. Foye **Cindy Huang** Sarah Ann Johnson Giorgi Koreli **Eric Kotin** Sasha Carolina LeFlore Dorsa Malek Abigail B. Mathieson Nandini Mullaji **Eric Chien Nevalsky** William Scott **Monil Singhal Jeffrey Jingyang Wang** Benjamin Mitchell White Jr. **Gregory Zegas**

Master of Business Administration DEGREES CONFERRED APRIL 6, 2023

Christina Baladis Thilo Marcel Braun William Butcher Royce Gene Stephanie Laurel Grayson Hannes Harnack Alwin Hui Gustavo Adolfo Marquez Eun Min Park Emily Michaelson Rogers Kateryna Sliunkova Amanda Claire So Kyle Stewart Wolstencroft

N State

Master of Business Administration DEGREE CANDIDATES, JUNE 18, 2023

Giorgi Abaiadze Mansoor Abbas Julia Beth Abelsky Sarah Fahed Abushaar Adlon Adams Rahul Adhikari Taleha Aftab Ipshita Agarwal Ishita Agrawal Oyindamola Ayodele Ajayi Hannah Ajmani Ozlem Akkurt Tamer Maamoun Al Ghussein Dominique Alpuche Annes Jie An

Sarah Su-Wen Anderson Soa H. Andrian Abhinandini Arora **Olivier Babin** Jordan Badia-Bellinger Jonathan Baer Arthur Bagramian **Henry Bair** Medina Orduña Baitemirova Amanda Bakerlee **Marko Alen Cedric Balogh Rodolfo Enrique Baquerizo Queirolo** Julien Barber **Gregory Douglas Barrow Drew Jackson Barvir** Joel William Bateman Lou Beaulieu Laroche **Jacob Bernstein Andrew Marriott Bertha** Navnidh Bhalla Krishna Sai Bharathala Jameson Billings **Machgielis Harm Hendrik Brouwer James Brown** Zak Ralph Budden Jeff Butler **Jordan Byers** Jonah Gordon Cader Laura Calderon Arango **Charlotte Eloise Camacho** Lauren Cantor Alejandro Alberto Casadiego Gamboa **Cengiz Cemaloglu Gabriel Charalambides** Aman Chaudhary **Claire Yongkun Chen Emily Chen Ruo Han Chen Teresa Chen Benjamin Chideckel Cameron Chisholm** Hamza Shabbir Choudery **Nicholas Chow** Olga Chumanskaia Alexander Clark **Chloe Anh Colberg** Nyamekye Coleman **Benjamin Collins Manuel Coquet Panagiotis Coutoulas Claire Marie Genevieve Madelein Crozel Caleb Cunningham Guilherme Cybis Pereira** Florian Benedict Dahlhausen Ying Dai **Audrey Dalton Dylan David Daniels** Alexa Bryn Davis **Carolyn Marie Davis George Charles Davis II** Anibal Federico De Frankenberg

Robert DeWitt Jr. Carlo Di Lanno Matthew Dicou **Rachel Anne Diebner** Audrey Elodie Zimi Djiya **Katherine Dong Isabelle Dowling** Wenxi Duan Jennifer Dumiak Seaun Kwabena Yuu Eddy **Andrew Edwards** Leah Elizabeth Edwards **Ehrenstrom Xia Elder Eric Raymond Esposito Ekaterina Evchenko** Faraz Fadavi Akhavan Bonab **Daniel Faierman Syed Ahmed Faraz Eric Fifer Rose AH Fisher** Luis Flores Sarah Seaborn Freeman **Nia Rose Froome Jacob Andrew Gaba Ryan Gaertner Catherine Crawford Gamble** Jose Ignacio Garcia Suarez **Kathryn Gautier Nicholas Gavin Katherine Gea** Divya Giyanani Jamie Glavin Ria P. Goel **Jason Gomez** Pedro Alexander Gonzalez Hernandez **Camila Fernanda Gonzalez Jaque Andrew Thomas Grieco Philippe Manzi Griffiths Erik Grossman Shalina Grover Pedro Guerrero Daphne Madeleine Guillet de Chatellus Ashirwad Gupta** Saloni Gupta Yash Gupta **Oleksandr Gureiev Anna Caitlin Gurevich Inigo Gutierrez Fernandez** Maria Adriana Gutierrez Penaloza Lukas Manuel Haffer **Kristin Halvorsen Julien Ham-Ying Radwa Hamed Louise Marie M Hannecart David Addison Harrison Isabel Suzanne Hebert Preston Charles Hedrick Alexis Sophia Henkel Adriana Holcek Cyerra Holmes Lilian Hommes**

Elliot Horen Alice Xiwen Huang Richard Huang Daniel Thomas Huntley Elspeth Viator Huscher Samina Hydery Osasunmasowa Yimaseni Imoisili **Amanda Irizarry** Yashvardhan Jain Mohammad Jama **Jamille Jamison Mollie Javerbaum** Eshan Jayamanne Mohottige Don Alexandra Maria Jenkins Chocano **Kelly Jiang Siran Jiang** Yue Jiao Jennifer Johnston **Hayley Briana Jones Gabriel Joseph** Kyo Kaku **Elizabeth Kang** Jonathan Karp Nolan Kasper **Ankit Kawatra Anthony Kayruz Elizabeth Keller Angela Kheir** Jason W. Khoo Albert Kim **Min Goo Kim** Jessica Nicole King Fredel Keertan Ranjan Kini Fernandina Ko Harshit Kohli **Seth Borton Kolker** Joseff Kolman Georgia Jeanne Kossoff Sarah Koulogeorge Matan Lamdan Jessica Landzberg John Cedric Laohoo **Elizabeth Larsen** Mouftah Al Khair Kolawole Lawal **Diane Lee** Jay Jah Lee Katherine Lee Mackenzie Lee **Kevin Liang Carly Danielle Lincenberg David Liou Zachary Litner Matthew Litovitz** Laura Bin Liu Stella Liu Xuan Liu Jerald Long **Ryan Lopez** Jonathon Lorenz Sophia Lugo Julia Lunardelli Xavier Salles

Keunyoung Ma Eric MacBlane Rosannagh Jean Harrison MacLennan Michael Madding Andrea Madero Franco **Mathew Madsen III** Irfan Mahmud **Tamir Maixner Monique Rebecca Malcolm Hay** Mariama Mallah **Mohak Mangal Myles Mann Rocio Nerea Marazuela Martinez Anne Sophie Martin Markus Patrick Martinelli Elizabeth Bailey McGee** Amanda Mae McLean Flavia Medina da Cunha **Charlotte Julie Meerstadt** Yosselin C. Melgar Veronica Mercado **Marisa Graham Messina** Laura Metrulas **Natalie Ann Meurer** Ana Carolina Mexia Ponce **Alexander Spiridon Michalatos Diletta Milana Nicole Miles Katherine De Greffin Miller** Andrew Minarick **Elise Mie Minkin Shaneez Dixon Mohinani Zachary Mohring** Andrei Molchynskyy **Joseph Molina Matthew Lovett Molloy Georgia Grace Moody Bruno Morato Faria Jackson Morton II Gabriel Moynihan** Anisha Mudaliar Masahiro Nakanishi Nikhil Nayar **Paul Alexander Nelson** Andrew Nemetsky **Thuy Anh Nguyen Paula Cristina Nicioli Genevieve Nielsen** Lasse Mathias Nyberg **Neal Charles O'Hara Thomas James O'Neill Rae Oakley** Sanvardeep Oberoi **Diana Orlandi Karly Osborne** Andrea Pagola Duchateau Antonella Guadalupe Pallares Gonzalez Imani Parker-Fong Santiago Ezequiel Patarca Keya Patel Jeremy Amalan Pathmanabhan

Madeline J. Pautsch **Roberto Andre Pazmino Arguello Brian Pegno Bruno Pereira Ferragut** Sigalit Jacqueline Perelson **Matthew George Podlesak Karen Polle Jeffrey Pontell** Eliane Luzmila Porturas Sussoni **Nell Potter** Jialei Qian Maximilian Quertermous **Steven Rachesky Alexander Clay Raiff** Shaibyaa Rajbhandari Tanvi Nikita Vikas Raje Varun Ram Vivek Ramakrishnan Sulekha Ramayya **Diego Ramirez Aguilar** Logan Randolph **Connor Michael Regan** Luke Shang Ren Camila Liliana Rey **Daniel Reyes Elizondo** Hannah Elizabeth Richards **Emily Richter Michael Roberts** Henrique Rocha Macambira Albuquerque Wesley Dave Rodriguez Julieta Aldana Romero Tim Rosenberger Jr. **Elizabeth Rosenblatt** Joshua Rowley **Becka Ruan** Megan Ruan Sergio Rueda Linares **Nishaad Ruparel** James Alexander Ruvalcaba Luc Ryan-Schreiber Nina Sabharwal Phanthila Saengthong Juan Pablo Saez Vera Scott Sage **Hind Saleh Richard Jean Saliba Jonathan Andrew Sands Rafael Sands** Abhinav Satyavarapu **Nathaniel Jacob Schlein Zachary Adam Schloss** Samantha Virginia Schwab **Kathleen Schwind Hannah Sears Michael Sha Kevin Rajendra Shah** Madeleine Shannon **Gao Shang Shen Jatin Shome** Maria de Lourdes Silva Willson Laura Catherine Simko

Ikshita Singh Sher Sing Bhullar Kuldip Singh **Elizabeth Sterling Sipp Amy Marie Slaughter** Jerett Smith **Kyle Stanford Smith** Flora Sonego de Oliveira **Joseph Lee Song Rennie Song David Steiner Kate Eder Steinman Mariano Antonio Cienfuegos Stephens** Jackson Stone **Thomas James Stone** Hugh David Sullivan Jr. Sarah Lorraine Sullivan **Tejas Govind Sundaresan** Yasuhisa Tahara Midori Takasaki Alexandra Emiko Takei **Felicity Yvonne Tang Jiawen Tang Katrine Tjoelsen Andrew Stevens Topham** Sydni Topper Juan Pablo Trevino Vargas **David Benjamin Troner** Robyn Tse **Darwin Valentine Samuel Veloso Pinheiro** Jose Antonio Vera **Brandon Eric Vincent-Comolli David Wangombe Wagura Grant Ryan Wallace Ningyue Wang Marshall Thomas Watkins Lia Michal Weiner Jonathan Chun Kit Weiss Andrea Wenrich** C William Wester Jr. **Kayla Anne Wester Cooper James Wetherbee** Sean Wheelock **Louise Giesey White** Jonathan Wilkins Fransiska Putri Wina Antonia Elizabeth Woodford **Evangeline Alexandra Woodforde Colin Woolway** Kefei Wu Sam Yarosh **Chuo Rong Yeo Christopher Yuan Karine Tiemi Yuki** Nina Yun **Eduardo Zaldivar** Daqi Zhai Amy Zhao Jessica Wenjia Zhu Justin Ryan Boyd Ziegler **Michael Thomas Zincone**

Doctor of Philosophy

DEGREES CONFERRED SEPTEMBER 29, 2022

Wenjia Ba • Business Administration, Dissertation Title: Sequential interactions in online platforms

Doctor of Philosophy DEGREES CONFERRED JANUARY 12, 2023

Xiaofeng Shi • Business Administration, Dissertation Title: How Does Better Access to Public Firm Disclosures Affect IPO Firm Financing?

Shiya Wang • Business Administration, Dissertation Title: Gender Differences in Pay at the Point of Hire: Causes, Consequences, and Remediation

Charles Zhang • Business Administration, Dissertation Title: *The Returns to Sales Effort in B2B Selling: Prospecting for Opportunities and the Value of Behavioral Information*

Doctor of Philosophy

DEGREE CANDIDATES, JUNE 18, 2023

Martino Banchio • Business Administration, Dissertation Title: *Artificial Intelligence and Dynamic Markets*

Daniel Timothy Chen • Business Administration, Dissertation Title: Analyses of Market Structures

Zi Yang Kang • Business Administration, Dissertation Title: Essays on Economic Theory and Its Applications

Rupali Kaul • Business Administration, Dissertation Title: Using Marketing Technology To Grow Small Businesses: Evidence From Field Experiments In Emerging Markets

Douglas Jean Laporte • Business Administration, Dissertation Title: *Measuring Cross-Sectional Variation in Expected Returns: A Machine Learning Approach*

Xu Lu • Business Administration, Dissertation Title: Essays in Financial Economics

Lina Lukyantseva • Business Administration, Dissertation Title: Essays on information and learning

Shwetha Paramananda Mariadassou • Business Administration, Dissertation Title: *Recommendations in the Digital Era: A Psychological Perspective*

Abraham Oshotse • Business Administration, Dissertation Title: Inferring Social Structure from Digital Trace Data: Applications to Organizations and Markets

Natasha Nicole Overmeyer • Business Administration, Dissertation Title: Selling Snake Oil and Unicorns: Performative Standardization in the Evaluation of Early-Stage Entrepreneurial Ideas

Ido Spector • Business Administration, Dissertation Title: *CEOs' Cultural Origin and Financial Decision-Making*

Ulysses Velasquez • Business Administration, Dissertation Title: *Essays in Financial Intermediation*

Paul Anthony Vicinanza • Business Administration, Dissertation Title: *The Social Structure of Knowledge Innovation, Diffusion, and Practice*

Yichuan Wang • Business Administration, Dissertation Title: *Essays* on Finance and Competition

Jonathan Alden Zeller • Business Administration, Dissertation Title: Drip or Drop: Evidence on State Dependence and Consumption Constraints from TV Streaming

Mingxi Zhu • Business Administration, Dissertation Title: Essays In Large Scale Optimization Algorithm And Its Application In Revenue Management

Graduate School of Education

Daniel Schwartz, Dean

Master of Arts

DEGREES CONFERRED SEPTEMBER 29, 2022

Maria Jose Alvarez Vidana • Education, Field: International Education Policy Analysis

Alejandra Arvizu Fernandez · Education, Field: International Education Policy Analysis

Bruna Barbosa Pecin • Education, Field: International Comparative Education

Renata Correa Gomes · Education, Field: International Education Policy Analysis

Camille Elisabeth Christiane Fabo Njia • Education, Field: International Education Policy Analysis

Jennifer Mary Fortet • Education, Field: International Education Policy Analysis

Allison Leigh Gross • Education, Field: International Education Policy Analysis

Stefano David Hugh Hollis • Education, Field: International Comparative Education

Abigail Li Holst • Education, Field: International Education Policy Analysis

Darlene Ineza • Education, Field: International Education Policy Analysis

Julia Tami Ishikawa • Education, Field: International Comparative Education

Francisco Mello Castro • Education, Field: International Comparative Education

Lara Oliveira Vilela • Education, Field: International Comparative Education

Rebecca Claire Shipan • Education, Field: International Education Policy Analysis

Bismah Tahir • Education, Field: International Education Policy Analysis

Sara Vitral Rezende • Education, Field: International Education Policy Analysis

Nina Sofia Yacher • Education, Field: International Education Policy Analysis

Jingyue Zhang • Education, Field: International Education Policy Analysis

30 × 000

Master of Arts

DEGREES CONFERRED JANUARY 12, 2023

Julian Atehortua • Education, Field: Joint School of Education/ Graduate School of Business Program

Drew Thomas Daniel • Education

Eric Kotin • Education, Field: Joint School of Education/Graduate School of Business Program

Nandini Mullaji • Education, Field: Joint School of Education/ Graduate School of Business Program

Remyah Liam Nguyen • Education

Haoran Wu • Education, Field: International Education Policy Analysis

30 × 100

Master of Arts

DEGREES CONFERRED APRIL 6, 2023

Lauren Clarke • Education

Kara Ann Lamar • Education Kateryna Sliunkova • Education, Field: Joint School of Education/ Graduate School of Business Program

30 400

Master of Arts

DEGREE CANDIDATES, JUNE 18, 2023

Salma Rajab Albakri • Education, Field: Teaching of Mathematics Fernanda Alves • Education, Field: Policy, Organization and Leadership Studies

Miriam Arellano-Torres • Education, Field: Teaching of Mathematics

Liliana Bethzabet Barajas Paez • Education, Field: Teaching of Social Science

Katherine Kelly Berkley • Education, Field: Policy, Organization and Leadership Studies

Kate E. Bierly • Education, Field: Elementary Education Tess A. Bissell • Education, Field: Joint School of Education/Law Program

Leivy Brizeth Castellanos Islas • Education, Field: Teaching of Social Science

Esther Wan Chan • Education, Field: Elementary Education Joseph Anthony Chavarria • Education, Field: Teaching of Social Science

Ada Chen • Education, Field: Teaching of Mathematics Claire Yongkun Chen • Education, Field: Joint School of Education/ Graduate School of Business Program

Kah Kay Gabriel Cheong • Education, Field: Policy, Organization and Leadership Studies

Kayla Michelle Constandse • Education, Field: Policy, Organization and Leadership Studies

Adrian Chavez Delgado • Education

Blaine Dzwonczyk • Education, Field: Teaching of Social Science Catherine Elizabeth Eng • Education, Field: Policy, Organization and Leadership Studies

Thomas William Farley • Education, Field: Elementary Education Chelsey Little Fitzgerald • Education, Field: Elementary Education Jaden Fong • Education, Field: Teaching of English

Freya Kathryn Forstall • Education, Field: Elementary Education **Eve Friedland** • Education, Field: Teaching of Mathematics **Alys Fromson-Ho** • Education, Field: Teaching of Social Science

Eduardo Garcia • Education, Field: Teaching of Spanish Jackson Gilbert • Education, Field: Teaching of Social Science Cinthia Guadalupe Gonzalez Reyes • Education, Field: Teaching of Spanish

Stephen Gross • Education, Field: Teaching of Chemistry **Haia Zala Haidari** • Education, Field: Teaching of English **Bryan Heng** • Education, Field: Teaching of Biology

Every effort has been made to ensure the accuracy of the online graduate candidate listings. However, listing online does not guarantee that a degree has been or will be awarded. Confirmation of degrees awarded can be requested from the Office of the University Registrar after June 18, 2023. This document is intended as a souvenir from the Stanford University Commencement ceremony and one time publication. Contact the Office of the University Registrar in the event of any questions about a listing. Any other use, or dissemination, without permission is prohibited. © Stanford University 2023. All rights reserved.

Kelly Ho • Education, Field: Teaching of Biology

Jennifer Hofmann • Education, Field: Policy, Organization and Leadership Studies

Mariel Joseline Islas Lopez • Education, Field: Teaching of Social Science

Mohammad Jama • Education, Field: Joint School of Education/ Graduate School of Business Program

Timothy S. Jones II • Education

Jeanette Kaleikau-Buxton • Education, Field: Elementary Education

Adam Ikaika Kanno • Education, Field: Teaching of Biology Ashley Elizabeth Kassab • Education, Field: Teaching of Social Science

Adam Winfield Keller • Education, Field: Teaching of English Lia Kim • Education, Field: Teaching of Biology

Pei Lin Olivia Lim · Education, Field: Policy, Organization and Leadership Studies

Sharon Xue Lin • Education, Field: Teaching of English

Chang Liu • Education, Field: Policy, Organization and Leadership Studies

Oscar Lopez Figueroa • Education, Field: Teaching of Chemistry **Pamela Melissa Low** • Education, Field: Policy, Organization and Leadership Studies

Albert Lowe • Education, Field: Policy, Organization and Leadership Studies

Andrew Luck • Education, Field: Policy, Organization and Leadership Studies

Monique Rebecca Malcolm Hay • Education, Field: Joint School of Education/Graduate School of Business Program

Drew McCann • Education, Field: Policy, Organization and Leadership Studies

Samuel Christopher J McCoy • Education, Field: Teaching of Spanish

Cordy McJunkins · Education, Field: Policy, Organization and Leadership Studies

Yujin Min • Education, Field: Teaching of English

Saloni Mittal • Education, Field: Teaching of Mathematics Caroline Gee Moon • Education, Field: Elementary Education

Kimberly Roos Moreno Guzman • Education, Field: Elementary Education

Gabriela Linda Mottesi • Education, Field: Policy, Organization and Leadership Studies

Masahiro Nakanishi • Education, Field: Joint School of Education/ Graduate School of Business Program

Yolanda Estefania Negrete Miranda • Education, Field: Elementary Education

Lea Faith Nglankong • Education, Field: Teaching of Chemistry Paula Cristina Nicioli • Education, Field: Joint School of Education/ Graduate School of Business Program

Risako Ninomiya · Education, Field: International Comparative Education

Grace O'Connor • Education, Field: Elementary Education Alexa Monserrat Orozco Palomino • Education, Field: Teaching of Social Science

Karly Osborne • Education, Field: Joint School of Education/ Graduate School of Business Program

Alexandros Constantine Paras • Education, Field: Policy, Organization and Leadership Studies

Justin Seung-Hee Park • Education, Field: Teaching of Mathematics

Felician Shontoi Pickett • Education, Field: Teaching of Biology Eliane Luzmila Porturas Sussoni • Education, Field: Joint School of Education/Graduate School of Business Program

Brooke Olivia Quach • Education, Field: Teaching of English

Angela Rascon • Education, Field: Teaching of Social Science Raisa S. Reed • Education, Field: Joint School of Education/Law Program

Nimsy Daniela Rivas Leiva • Education, Field: Teaching of Spanish Jane Roarty • Education, Field: Teaching of Mathematics Lucydania Robles • Education, Field: Teaching of English Esther Ruiz • Education, Field: Elementary Education Moises Ruiz Rico • Education, Field: Teaching of Spanish

Jacqueline Sanchez • Education, Field: Elementary Education Anthony Sanford II • Education, Field: Policy, Organization and Leadership Studies

Ilaria Julia Schlitz • Education, Field: Elementary Education Samantha Virginia Schwab • Education, Field: Joint School of Education/Graduate School of Business Program

Stephanie Seidmon · Education, Field: Policy, Organization and Leadership Studies

Giselle Lazalde Serafin • Education, Field: Teaching of Biology **Madhukar Dundappa Sodlapur** • Education, Field: Teaching of Mathematics

Jonathan Martin Szkup-Valdez • Education, Field: Elementary Education

Ana-Lauren Thorpe • Education, Field: Elementary Education Brianna Tsai • Education, Field: Teaching of English

Shadman Uddin • Education, Field: Policy, Organization and Leadership Studies

Christin Elaine Villalobos • Education, Field: Elementary Education **Victoria Gabrielle Villalobos** • Education, Field: Elementary Education

Christina Yu Westly • Education, Field: Elementary Education Kelsey Nicolette Wong • Education, Field: Teaching of Mathematics Jerry Austin Yang • Education

Joceline Yu • Education, Field: Teaching of English Zixuan Zheng • Education, Field: Teaching of Mathematics

30 × 00

Master of Science DEGREES CONFERRED SEPTEMBER 29, 2022

Malika Kanatbek kyzy • Education, Field: Learning Design and Technology

Vinutha Narayanappa • Education, Field: Learning Design and Technology

Gabriela Nespoli de Camargo · Education, Field: Learning Design and Technology

Moses Marcos Ramirez • Education, Field: Learning Design and Technology

Zoha Salman • Education, Field: Learning Design and Technology

33 LUE

Master of Science

DEGREES CONFERRED JANUARY 12, 2023

Vicky Zhao Chan • Education, Field: Learning Design and Technology

Yujie Chen • Education, Field: Learning Design and Technology Gerta Emma Guitart • Education, Field: Learning Design and Technology

Helen Spencer Higgins • Education, Field: Learning Design and Technology

Tran Bao Hoang • Education, Field: Learning Design and Technology

Goutham S. Marimuthu • Education, Field: Learning Design and Technology

Tonya Suzette Murray • Education, Field: Learning Design and Technology

Marithza Quiroz • Education, Field: Learning Design and Technology

Adam Sparks • Education, Field: Learning Design and Technology Benjamin Russell Thier • Education, Field: Learning Design and Technology

Stephen Damian Torres • Education, Field: Learning Design and Technology

Emilie Rosales Trimble · Education, Field: Learning Design and Technology

Andrew Webb • Education, Field: Learning Design and Technology Michael Sean Lon Wong • Education, Field: Learning Design and Technology

Master of Science

DEGREES CONFERRED APRIL 6, 2023

Shenghan Chen • Education, Field: Education Data Science Laura Siobhan Hinton • Education, Field: Education Data Science Mei Tan • Education, Field: Education Data Science

Master of Science DEGREE CANDIDATES, JUNE 18, 2023

Othman Bensouda Koraichi • Education, Field: Education Data Science

Ian Lawrence Bott • Education, Field: Education Data Science Lucy Antonia Caffrey-Maffei • Education, Field: Education Data Science

Xunyi Gao • Education, Field: Education Data Science Akshatha Kamath • Education, Field: Education Data Science Eleni Pittarokoili • Education, Field: Education Data Science Alex Stolyarik • Education, Field: Learning Design and Technology Anna Julia Storch • Education, Field: Education Data Science Raymond Zhuo Zhang • Education, Field: Education Data Science Sibei Zhang • Education, Field: Education Data Science Pu Zhao • Education, Field: Education Data Science Shengqi Zhong • Education, Field: Education Data Science

Doctor of Philosophy

DEGREES CONFERRED SEPTEMBER 29, 2022

Paulina Julia Biernacki • Education, Field: Learning Sciences and Technology Design, Dissertation Title: *Multiple Facets in the Assessment of English Learners: Challenges and Possibilities*

Rosa Del Carmen Chavez • Education, Field: Mathematics Education, Dissertation Title: *More than a test: Teacher sensemaking of educational assessments to shape educational opportunities in elementary classrooms*

Monique Helene Harrison • Education, Field: Sociology of Education, Dissertation Title: *Choice and Inequality in US Higher Education*

Seungah Sarah Lee • Education, Field: International Comparative Education, Dissertation Title: *When entrepreneurship becomes a national enterprise: the case of the Arab Gulf*

Veronica Joyce Lin • Education, Field: Learning Sciences and Technology Design, Dissertation Title: *Making every day Earth Day: Family environmental learning in the home context*

Alexander Feliciano Mejia • Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *Voicing Places: Maya-Mam Youth Negotiating Race, Language, and Labor in East Oakland* Judy Nguyen • Education, Field: Learning Sciences and Technology Design, Dissertation Title: *Advancing Equity in Higher Education: The Zone of Proximal Self*

Rose Kathleen Pozos • Education, Field: Learning Sciences and Technology Design, Dissertation Title: *Living and learning in uncertainty: Family learning and information management during the Covid-19 lockdowns*

Soren Rousseau Rosier • Education, Field: Learning Sciences and Technology Design, Dissertation Title: *Training, Assessing, and Matching Students in Technology-Mediated Peer Learning Environments*

Ana Maria Saavedra Pineda • Education, Field: Learning Sciences and Technology Design, Dissertation Title: *Experiments in Learning and Transfer of Inquiry Strategies Using Short Instructional Videos*

Marva Shalev Marom • Education, Field: Race, Inequality, and Language in Education, Dissertation Title: Both Sides Now: Ethiopian Israeli Girls Between Jewishness and Blackness

Karoline Rose Trepper • Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *Doing "Accomplished" Teaching: Discourses and Performances of English Language Arts Pedagogy in National Board Certification*

Doctor of Philosophy

DEGREES CONFERRED JANUARY 12, 2023

Barbara Barbosa Born • Education, Field: International Comparative Education, Dissertation Title: *What Does it Take to Teach Teachers?* A Mixed-Methods Investigation of District-Based Teacher Educators' Knowledge and Practices

Sonia Xiarui Giebel • Education, Field: Higher Education Administration, Dissertation Title: *Appraised, Signaled, and Compromised: How Universities Construct and Students Negotiate Gender and Racial Identities in U.S.* Higher Education

Sunny Trivedi • Education, Field: Anthropology of Education, Dissertation Title: *Making and Measuring Race, Ethnicity, and Language: South Asian Racialization across Community Contexts*

Doctor of Philosophy Degrees CONFERRED APRIL 6. 2023

Thomas Jon Caruso • Education, Field: Developmental and Psychological Sciences, Dissertation Title: *Development, Feasibility, and Acceptability of a Novel Augmented Reality Medical Simulator*

Doctor of Philosophy

DEGREE CANDIDATES, JUNE 18, 2023

Raquel Melo Antunes Coelho • Education, Field: Education Data Science, Dissertation Title: *Leveraging text analytics and large-scale collections of identity artifacts for the culturally-informed classroom: creating teacher resources, gaining student insights, and designing learning experiences*

Madison Dell • Education, Field: Economics of Education, Dissertation Title: *Unlocking Opportunity, Advancing Equity: Improving College Outcomes for Marginalized Students*

Simona Gabriela Gavrila • Education, Field: International Comparative Education, Dissertation Title: *Green Is The New Ivory: The Rise Of The Sustainability Imperative In U.S.* Higher Education

Danielle Marie Greene • Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *The Last Black Public High School in Oakland: What is at Stake with the Relationship Between School Closures and Black Administered and Attended Schools*

Zainab Hosseini • Education, Field: Developmental and Psychological Sciences, Dissertation Title: *Evaluating a Culturally and Contextually Grounded Psychosocial Support Program for Refugee Adolescents in Tijuana, Mexico: Addressing Conflict Management Competencies*

Klint Kanopka • Education, Field: Developmental and Psychological Sciences, Dissertation Title: *Computational Validity* Kristin Keane • Education, Field: Literacy, Language, and English Education, Dissertation Title: *Reading In the Digital Age: Teacher and Students' Experiences with Multimodal Literacy and Varied Text Types*

Tanya Mae LaMar • Education, Field: Mathematics Education, Dissertation Title: Data Science: A Gateway to Belonging in STEM and Other Quantitative Fields

Amanda Lu • Education, Field: Education Policy, Dissertation Title: (*Im*)*Possibilities For Democracy In An All-Charter School District: The Case Of New Orleans*

Juddson Rudolf Taube • Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *The Principals' Principles: Tangled Hierarchies in Charter Management Organizations*

Ana Carolina Trindade Ribeiro • Education, Field: Economics of Education, Dissertation Title: *Essays on Inequality of Opportunities in Education: Policies and Behavioral Mechanisms*

Kristen Kaylee Tuggle Matheny • Education, Field: Education Policy, Dissertation Title: *Socioeconomic Inequality in Education Across the Early Life Course*

Dan Wang • Education, Field: Learning Sciences and Technology Design, Dissertation Title: *Measuring and Teaching Problem-solving Practices in Digital Learning Environments*

School of Engineering Jennifer Widom, Dean

Bachelor of Science DEGREES CONFERRED SEPTEMBER 29, 2022

Jad Abdel Jawad • Bioengineering Blake Jefferson Brandon • Computer Science Cameron Thomas Buzzell • Engineering, Field: Product Design Michael Juneho Chang • Computer Science Celia Charlton • Bioengineering Corinne Charlton • Engineering, Field: Architectural Design Luis Manuel Duarte-Perez • Mechanical Engineering Raymond Hernandez • Computer Science Amir Kader • Mechanical Engineering Neha Konakalla • Computer Science Hanxuan Kuang • Computer Science Gabriel Houshang Lukaszewicz • Computer Science Matthew Serna Mau • Computer Science **Omeed Miraftab-Salo** • Bioengineering Lucie M. Nordmann • Engineering, Field: Architectural Design Rickenson Robert • Computer Science Giovanni Rogel • Mechanical Engineering Gabriel Ruiz • Engineering, Field: Engineering Physics Michelle Shen • Bioengineering, Departmental Honors Program Joshua Mosa Shongwe • Computer Science Michael James Vernau • Computer Science Jenna Ren-Mei Wang • Engineering, Field: Product Design, Interdisciplinary Honors Program in the Arts, with Distinction Ethan Woods • Aeronautics and Astronautics

NA THE

Bachelor of Science DEGREES CONFERRED JANUARY 12, 2023

Grace Alwan • Computer Science Edwin Francisco Argueta • Mechanical Engineering Paige Elizabeth Brocidiacono • Materials Science and Engineering Cuiping Cai • Computer Science Jerry Chen • Computer Science Peyton Chih Yuan Chen • Computer Science Shugi Chen • Computer Science Siddhant Suri Dhawan • Bioengineering, Departmental Honors Program Caifang Du • Computer Science Ryota Eki • Computer Science Rafael Xavier Esteves • Computer Science Kaden Isaiah Florsheim • Environmental Systems Engineering Stephanie Leigh Gady • Engineering, Departmental Honors Program Ian David Gunther • Engineering, Field: Product Design Lucas Milind Haarmann • Computer Science Andrew Louis Hojel • Computer Science, with Distinction Catherine Huang • Computer Science

Bryce Nathaniel Huerta • Mechanical Engineering Erik Hermann Kersenbrock • Materials Science and Engineering Esther Cherin Kim • Computer Science Aidan Ho-Wai Kung • Engineering, Field: Biomechanical Engineering Andrew Taeyul Lee • Computer Science Enci Liu • Computer Science Yan Miao • Computer Science John Luke Miller • Mechanical Engineering Nandini Tondamantham Naidu • Computer Science Sanjaye Naitrav Narayan • Computer Science, with Distinction Shreyas Prasad Parab • Engineering, Field: Biomedical Computation Wesley Lyons Peisch • Engineering for Sustainability Sahithi Rohini Pingali • Environmental Systems Engineering, with Distinction Hannah Ysabel Papasin Pingol • Engineering, Field: Product Design Sarah Elizabeth Pinto • Mechanical Engineering Kivalu Ikaika Ramanlal Jr. • Management Science and Engineering Kiara Anesu Revels • Bioengineering Ruben Guadalupe Rodriguez Ramirez • Mechanical Engineering Neena Dolores Romero • Computer Science Daniel John Riku Roy • Engineering, Field: Product Design Shouryaman Saha • Computer Science Nicole Sabine Salz • Mechanical Engineering Suhas Kandula Sastry • Mechanical Engineering Jonathan Paul Sepulveda • Materials Science and Engineering Tristan Andrew Sinclair • Computer Science Aryan Singh • Engineering, Field: Architectural Design Benjamin Morrell Smith • Engineering, Field: Biomechanical Engineering Jordan Dwight Stipp • Computer Science Ellie Ugne Talius • Computer Science, with Distinction Olivia Lilly Testa • Engineering, Field: Product Design Kimberly Minh Tran • Computer Science and Management Science and Engineering Theodore Fate Velaise • Bioengineering, Interdisciplinary Honors Program in International Security Studies Edward Benjamin Vendrow • Computer Science Xuchen Wei • Computer Science Quinn C. Woodhead • Engineering, Field: Product Design Angela Xie • Materials Science and Engineering, with Distinction Michelle Xing • Computer Science Marco Giuseppe Zocco • Management Science and Engineering

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Bachelor of Science DEGREES CONFERRED APRIL 6, 2023

Rayan Abdlaziz A Albraidi • Electrical Engineering Telis Athanasopoulos Yogo • Mechanical Engineering Michael Yu Cao • Computer Science Sarah Huijun Chen • Mechanical Engineering Julian Cheng • Bioengineering

Every effort has been made to ensure the accuracy of the online graduate candidate listings. However, listing online does not guarantee that a degree has been or will be awarded. Confirmation of degrees awarded can be requested from the Office of the University Registrar after June 18, 2023. This document is intended as a souvenir from the Stanford University Commencement ceremony and one time publication. Contact the Office of the University Registrar in the event of any questions about a listing. Any other use, or dissemination, without permission is prohibited. © Stanford University 2023. All rights reserved.

Cameron James Cilley • Management Science and Engineering Joshua L. Clarendon • Mechanical Engineering Alix Cui • Computer Science Tyler Adam Eischens • Computer Science Mark Eric Endo • Computer Science, with Distinction German Enik • Computer Science, with Distinction Elizabeth Anne Fitzgerald • Computer Science Isabel Orlanes Gallegos • Computer Science, Departmental Honors Program, with Distinction Troy Michael Gleason • Management Science and Engineering Raymond Guo • Computer Science and Biodesign Marc Huo • Computer Science Savana Layne Huskins • Bioengineering Sirapop Klinkachorn • Computer Science Brian Christopher Kuglen • Bioengineering Britney Ky • Computer Science Jessica Layne • Management Science and Engineering Jake William Levine • Management Science and Engineering Andrew J. Li • Computer Science Jennifer Luo • Computer Science Eish Maheshwari • Computer Science, with Distinction John Brody Malone • Management Science and Engineering Jacob Avery Mangum-Farrar • Design Shreya Mantha • Management Science and Engineering Cole Nicholas Digregorio Maxwell • Mechanical Engineering, with Distinction Michael James McDermott • Mechanical Engineering Keegan Mehall • Computer Science Nikesh Omprakash Mishra • Computer Science Alex Elifas Muna • Engineering, Field: Biomechanical Engineering Roshni Padhi • Management Science and Engineering Mohammad Erfan Rostami • Computer Science Cynthia Elnora-Jaimi Salone • Engineering, Field: Architectural Design Ryan D. Sanborn • Management Science and Engineering Baker William Sharp • Computer Science Dorien Kenneth Simon • Computer Science **Aman Singh** • Electrical Engineering Michael Austin Spear • Bioengineering Sidney A. Stevens • Mechanical Engineering Henry Burton Stewart • Bioengineering Oscar Danilo Sura Jr. • Computer Science Andrew Tam • Computer Science Varun Tandon • Computer Science Laikh Tewari • Computer Science Maeghan Micheline Tovar • Computer Science Ha H. Tran • Computer Science Joseph T. Tran • Computer Science Isaiah Duane Turner • Computer Science Anthony Villalobos • Civil Engineering Jordan Amir Walker • Computer Science Jared Robert Wasserman • Computer Science, with Distinction **Emily Wong** • Mechanical Engineering Xuechun Yao • Human Centered Design & Engineering **Emily Morgan Young** • Aeronautics and Astronautics Lindsay Marie Young • Engineering, Field: Atmosphere/Energy **Dean Zhou** • Electrical Engineering Melinda Zhu • Computer Science, with Distinction

Bachelor of Science

DEGREE CANDIDATES, JUNE 18, 2023

Hayat Abdurahman • Electrical Engineering Calvin Blake Acker • Mechanical Engineering Olayinka Remy Adekola • Computer Science Israel Agundis • Computer Science Rashid Al-Abri • Computer Science, with Distinction Ruslan G M AlJabari • Computer Science Raul Alcantar • Computer Science Rahma Ali • Mechanical Engineering Burcu Gulsah Alici • Electrical Engineering Ammar A. Alinur • Computer Science Asmaa Sultan F Alsubaei • Mechanical Engineering Gerardo Alvarez • Aeronautics and Astronautics Layaa Raja Amirthalingam • Chemical Engineering Jack Thomas Andraka • Electrical Engineering Maria Angelika Nikita • Electrical Engineering Abigail Leigh Archer • Bioengineering Xavier Osmond Arguello • Computer Science Lara Arikan • Electrical Engineering, with Distinction Jorge Andres Armenta • Management Science and Engineering Grayson P. Armour • Aerospace Computational Engineering Anthony Arthur Arnolie • Computer Science, with Distinction Mehul Arora • Computer Science Carolyn Akua Asante Dartey • Computer Science Benjamin Ichiro Auslin • Computer Science Adrian Rafael Avalos • Engineering, Field: Product Design Erick Avila Salgado • Management Science and Engineering Elizabeth Grace Awad • Management Science and Engineering Victoria Ayres Ibarra • Electrical Engineering Jared William Azevedo • Computer Science Sean Bai • Management Science and Engineering John Skylar Baker • Mechanical Engineering Tabitha Marie Bandy-Vizcaino • Mechanical Engineering Aaron B. Bantug • Materials Science and Engineering, with Distinction Isabela Barros David Rodrigues • Electrical Engineering Nirvik Baruah • Computer Science Eva Elizabeth Batelaan • Electrical Engineering, with Distinction John Settimio Bernardo • Mechanical Engineering, with Distinction Natalie Rose Berty • Management Science and Engineering Nathan Andrew Bhak • Computer Science Rinni Bhansali • Electrical Engineering and Mathematics, Departmental Honors Program, with Distinction Daniel William Blackburn • Mechanical Engineering Henry Alexander Bradley • Computer Science Mia N. Brewster • Engineering, Field: Architectural Design Shimea Bridgewater • Computer Science Emily Rebecca Broadhurst • Mechanical Engineering Raphael Realina Brosula • Computer Science, Departmental Honors Program Deveshi Deep Buch • Computer Science, with Distinction Callum Jan Burgess • Computer Science and Physics Scott Nolan Buzard • Bioengineering Kenneth A. Cabrera • Computer Science William L. Cai • Engineering and Mathematics, Departmental Honors Program Felipe Calero Forero • Computer Science Simón Remy Camacho • Computer Science

Esteban Cambronero Saba · Computer Science **Amanda Maria Cantwell** • Bioengineering Preston James Carlson • Computer Science Dagny Elise Carlsson • Engineering, Field: Architectural Design, with Distinction Floranne Carroll • Bioengineering Nikolas Alexander Caryotakis • Computer Science Ismael Isidro Castro • Computer Science Frances Mulholland Cerkvenik • Computer Science Jesus Alexander Cervantes • Mechanical Engineering Sahil Sahnan Chandra • Management Science and Engineering Adam Chang • Management Science and Engineering Daniel Joseph Chao • Computer Science James Brandon Chao • Computer Science Alyssa Camille Charley • Mechanical Engineering Oumnia Chellah • Computer Science Katherine Chen • Computer Science Victor Kibet Cheruiyot • Computer Science Bryan Chiang • Computer Science Joshua Thomas Chien • Management Science and Engineering Julia Rose Chin • Computer Science Hagop Jake Chinchinian • Electrical Engineering, with Distinction Jacob Yan Chudnovsky • Computer Science Winslow Faye Church • Computer Science Alejandro Gabriel Cid • Computer Science John Henry Clark • Management Science and Engineering Lyron Ong-Siong Co Ting Keh • Computer Science **Tea Cohen** • Bioengineering Andrea Marie Collins • Computer Science, Departmental Honors Program Isaiah James Colobong • Aeronautics and Astronautics Allison Shufei Cong • Mechanical Engineering Hannah Nicole Constandse • Engineering, Field: Product Design Mary Kate Cooper • Aerospace Engineering and Computer Science Katherine Whitney Crandell • Computer Science Cade Ryan Crow • Computer and Design Engineering Melissa Daniel • Computer Science Elliot Kenneth Dauber • Computer Science Alison Adair Day • Environmental Systems Engineering Finnius Alexander Dayton • Computer Science Cooper Barry De Nicola • Computer Science Dominic Joseph DeMarco • Computer Science, with Distinction Brian Delgado • Mechanical Engineering Sophia Helena Dew • Computer Science & Product Design Hiran M. Dewar • Computer Science Maximus Aldo Di Perna • Engineering, Departmental Honors Program Jared Joel Diaz • Mechanical Engineering Miranda Cathleen Diaz • Computer Science Tracy T. Do • Engineering, Field: Product Design Miraclestar Davina Doby • Computer Science TaNia Cheylon Donatto • Materials Science and Engineering, with Distinction Wenxin Dong • Computer Science Zhengyang Dong • Computer Science, Departmental Honors Program Kevin Liu Duan • Engineering, Field: Product Design Roulince Bobby Dukuly • Chemical Engineering, Departmental **Honors Program** Amy C. Dunphy • Electrical Engineering Rosalind Karen Eastaugh • Electrical Engineering Alexis Catherine Echano • Computer Science

Uzoma Edoh • Management Science and Engineering Michael Hany Elabd • Computer Science, Departmental Honors Program Jean-Rafael S. Erevi • Computer Science, with Distinction Chelsea Celine Escarmant • Engineering, Field: Biomechanical Engineering Daniel Servando Estupinan • Computer Science Jhonatan Yismaw Ewunetie • Computer Science Noor Fakih • Electrical Engineering Tiantian Fang • Computer Science, with Distinction Clemente Benjamin Farias Canepa • Computer Science Vanessa Denali Farley • Manufacturing Engineering Nadine Iman Fattah • Management Science and Engineering, with Distinction Liam Jordan Fay • Engineering, Field: Product Design Sophia Grace Fay • Computer Science Mary Rose Fetter • Engineering, Field: Engineering Physics, with Distinction Christian Alexander Figueroa • Computer Science Daniel Scott Fishman • Computer Science Carson E. Fleming • Computer Science David Jose Florez Rodriguez • Electrical Engineering Marcus Floyd • Engineering, Field: Architectural Design James Bay Foley-Cox • Computer Science Engubia Nsang Fontama • Management Science and Engineering Cherié Chelsea Alanna Francis • Mechanical Engineering Marilyn J. Frank • Environmental Systems Engineering Kyle William Friedman • Engineering, Field: Engineering Physics Megan Ann Frost • Management Science and Engineering Michelle Angela Gan • Computer Science, Interdisciplinary Honors Program in Science, Technology, and Society Irena Gao • Computer Science, Departmental Honors Program, with Distinction Daniel Anthony Garcia • Computer Science Emily Gardner • Bioengineering Rishab S. Gargeya • Computer Science, Interdisciplinary Honors Program in Ethics in Society Ishan Gaur • Computer Science Katelin Kirbi Gildersleeve • Management Science and Engineering Paiton Toshiko Kanda Gleeson • Engineering, Field: Product Design Anyamarie J. Goeders • Environmental Systems Engineering Jackie C. Gong • Computer Science David Daniel Gonzalez • Computer Science Bryan Dev Gopal • Computer Science, Departmental Honors Program, with Distinction Colin Alistair Grant • Bioengineering Anna Honeycutt Griffith • Engineering, Field: Product Design Gerzain Gutierrez • Computer Science Daniella Hacco Grimberg • Computer Science Shana E. Hadi • Computer Science, Interdisciplinary Honors Program in the Arts Ryan Wonhee Han • Computer Science Anna Elizabeth Harmeling • Management Science and Engineering, with Distinction Kaitlin Eileen Harold • Computer Science **DeGreer Terence Harris** • Materials Science and Engineering Maya Felice Harris • Aeronautics and Astronautics, Departmental Honors Program Devin Rogers Hart • Management Science and Engineering

Devin Rogers Hart • Management Science and Engineerir Marwan Hassanien • Computer Science Michael Phillip Hayashi • Computer Science Cameron Haynesworth • Mechanical Engineering **Evan Hedding** • Aeronautics and Astronautics Santiago Nicolas Guibert Heitner • Aeronautics and Astronautics Victoria Elizabeth Helm • Computer Science Kimberly Ann Heng • Mechanical Engineering Vincent J. Heng • Computer Science Christina Henzinger • Materials Science and Engineering, Departmental Honors Program, with Distinction Jacob Thomas Herrscher • Aeronautics and Astronautics Eduardo Higuera Rodelo • Computer Science Eli Robert Hiss • Mechanical Engineering Katherine Ho • Computer Science Charlotte T. Hoffs • Chemical Engineering Connor Michael Hogan • Computer Science Clarisse Yu Hokia • Computer Science Marianne Christine Homer • Chemical Engineering Seungyoung Hong • Engineering, Field: Product Design Benjamin Charles Hora • Computer Science, with Distinction Catherine Grace Horkay • Computer Science George A. Hosono • Computer Science Kaitlin Hsu • Computer Science, Interdisciplinary Honors Program in the Arts Winnie Huang • Chemical Engineering, with Distinction Hannah Sage Huddleston • Computer Science, with Distinction Bryn Matheson Hughes • Computer Science Bryce Hunt • Computer Science Amanda Huynh • Computer Science Gizem Incesu • Computer Science **Om Balkrishna Jahagirdar** • Engineering, Departmental Honors Program, with Distinction Ashley Elizabeth Jepson • Management Science and Engineering, with Distinction Atindra Shubhangam Jha • Computer Science Bowen Jiang • Engineering, Field: Biomedical Computation, with Distinction James Dylan Johns • Mechanical Engineering Ryan Roy Johnston • Electrical Engineering Tara Elizabeth Jones • Computer Science Colton Sowun Sky Jonjak Plahn • Aeronautics and Astronautics Isabella Karynn Juarez • Aeronautics and Astronautics Julia L. Kadie • Computer Science Simrin Kalkat • Management Science and Engineering Zixuan Kang • Electrical Engineering Griffin Hastings Kardos • Computer Science Ananya Karthik • Computer Science, Interdisciplinary Honors Program in Ethics in Society James Daniel Kelly • Electrical Engineering Kayla Kelly • Computer Science Brandon Kenery • Civil Engineering, with Distinction Neil R. Khemani • Computer Science **Cameron Kilpatrick** • Mechanical Engineering Chris Chankyo Kim • Computer Science, Departmental Honors Program Soo Hyun Kim • Engineering, Departmental Honors Program, with Distinction Ryan Arnett Kirk • Computer Science Neel Sunil Kishnani • Computer Science Steven Hahn Kohl • Computer Science Praneeth V. Kolichala • Mathematics and Computer Science, with Distinction Lauren Yumi Kong • Computer Science Emilie Kono • Bioengineering

Brenden Bonsuk Koo • Engineering, Field: Product Design Parthiv Nandakumar Krishna • Electrical Engineering, with Distinction Ravan Mver Krishnan • Computer Science Samuel Leon Kritzer • Management Science and Engineering Madeleine Nicole Kriz • Bioengineering Jonathan D. Kula • Computer Science Michelle Lahrkamp • Management Science and Engineering Safiyah Amin Lakhany • Computer Science William Huy Lam • Computer Science Kevin Lamp • Engineering, Field: Architectural Design Olivia May Ogilvie Lancaster • Mechanical Engineering Christopher Carter Latham • Chemical Engineering Marcus Maximillian Lau • Computer Science James Sterling Siu'ulua Laux • Computer Science Troy H. Lawrence • Electrical Engineering Isabelle Kyuwon Lee • Computer Science Kathy J. Lee • Computer Science, with Distinction Nicole Wen Lee • Computer Science, with Distinction Edmundo Leiva • Bioengineering Aaron Y. Li • Computer Science Ethan S. Li • Electrical Engineering, with Distinction Linden Sky Li • Computer Science, Departmental Honors Program, with Distinction Aditi Limaye • Bioengineering, Departmental Honors Program Shai Limonchik • Computer Science Karson Marshall Lippert • Computer Science Draven A. Little • Bioengineering, Departmental Honors Program, with Distinction David Liu • Computer Science, with Distinction Seth Wijesooriya Liyanage • Mechanical Engineering Alessandro Donovan Loia • Computer Science, with Distinction Riley Austin Loos • Management Science and Engineering Sierra Lore • Bioengineering Mauro P. Lozano • Mechanical Engineering Maria Jose Lozano Palacio • Engineering, Field: Engineering Physics **Enya Lu** • Engineering, Field: Product Design, with Distinction Carina Angie Ly • Computer Science Ziyue Ma • Computer Science Ian MacFarlane • Electrical Engineering Alexis Sierra Mack • Computer Science Maya Flores Madere • Computer Science Jiayu Mai • Management Science and Engineering, with Distinction Aarushi Subhasis Majumder • Computer Science Christine Astoria Manegan • Computer Science Alexandre Porges Manko • Engineering, Field: Product Design Dija R. Manly • Engineering, Field: Product Design, Interdisciplinary Honors Program in the Arts Karla Naomy Manzanares Garcia • Bioengineering Maiya Mao • Management Science and Engineering Anesu Munyaradzi Mapuranga • Electrical Engineering Melissa Renee Marable • Mechanical Engineering Daniel Martin Marin Quiroz • Computer Science Sebastian Felipe Marin-Quiros • Mechanical Engineering Nathan S. Marks • Computer Science Sydney Marler • Electrical Engineering Angelo Marquez-Nieto • Engineering, Field: Engineering Physics Leslie Anais Marroquin • Computer Science Briana Cristal Martin-Villa • Bioengineering

Christian Alexander Martinez • Management Science and Engineering

Tomas Henrique Martinez • Management Science and Engineering Jorge Martinez Alba • Computer Science

Noel Martinez-Amador • Computer Science

Katherine M. Martins • Materials Science and Engineering

Michael Christopher Massey • Management Science and Engineering Daisuke Masuda • Computer Science

Jewel Techaira Matanane • Computer Science

Anthony Gerald Mays • Management Science and Engineering

 $\textbf{Gavin Steve McCabe} \boldsymbol{\cdot} \textbf{Chemical Engineering}$

Sarah Ruth McCarthy • Computer Science

Elena Victoria McCleary · Management Science and Engineering, with Distinction

Liana Marie McDonnell • Management Science and Engineering Alexander Boulton McKeehan • Computer Science and Physics and Mathematics, Departmental Honors Program

Tai Anthony Buyco McMillan • Environmental Systems Engineering Alana Mermin-Bunnell • Bioengineering, Departmental Honors Program, with Distinction

Gabriella Nicole Mesa • Design

Andres Michel • Bioengineering

Hallie Rose Mikacich • Mechanical Engineering, Departmental Honors Program

Barrett Andrew Miller • Mechanical Engineering

Griffin Drew Miller • Computer Science

Isabelle Hannah Miller • Aeronautics and Astronautics Allegra Christina Minor • Engineering, Field: Biomedical

Computation, with Distinction William Corbitt Mitchell • Engineering, Field: Product Design

Yasmine Beverly Mitchell • Computer Science

Smiti Mittal • Bioengineering, Departmental Honors Program, with Distinction

Abdelrahman Aprahim Mohamdy • Computer Science Raaisa Lami Moktader • Computer Science, with Distinction Emily Mae Molins • Social & Engineering Systems Design and, with Distinction

Joseph Alexander Monarres • Chemical Engineering Caroline Mondiello • Management Science and Engineering Alyk Cheng Hui Moomaw • Mechanical Engineering Jennifer Lynn Moore • Computer Science, with Distinction Harry Moran • Computer Science

Mariane Mousa • Engineering, Field: Biomedical Computation Saachi Parag Munot • Neuroengineering and Neuroscience and, with Distinction

Zhati Mure • Computer Science, Departmental Honors Program Matthew Murphy • Mechanical Engineering

Claire Neely Muscat • Computer Science

Muhammad Umar Nadeem • Computer Science

Divya Nagaraj · Computer Science, Departmental Honors Program, with Distinction

Rachel Yuki Naidich • Computer Science

Nandita S. Naik • Computer Science

Anand Krishnan Nair • Computer Science, with Distinction

Dilan Kush Nana • Computer Science

Adam Nayak • Civil Engineering, Departmental Honors Program, with Distinction

Ruth H. Negate • Computer Science

Elizabeth Nguyen • Computer Science

Huong Thien Nguyen • Computer Science

Jade Minh Nguyen • Bioastronautics Engineering

John Duc-Tuan Nguyen • Computer Science

Kyle Dang Nguyen • Computer Science, with Distinction

Ji Hong Ni • Computer Science

Avrum Noor • Electrical Engineering

Sean Patrick O'Connor • Computer Science

Seamus Patrick O'Malley • Mechanical Engineering

Ligia Oliveira Toscano de Melo • Computer Science, with Distinction

Ryan Hendrik Oosting • Engineering, Field: Product Design

Mohamed Ibrahim Osman • Computer Science

Olivia C. Otto • Computer Science

Rhett Carson Owen • Computer Science

William Finn Ninian Paisley • Mechanical Engineering Richard Anthony Parada • Engineering, Field: Engineering Physics

Swayam Sidhhant Parida • Computer Science

Julia Park • Computer Science, Departmental Honors Program Roy Park • Computer Science

Ryan Park • Engineering, Departmental Honors Program, with Distinction

 $\textbf{Sophie Jasmin Parsa} \boldsymbol{\cdot} \textbf{Computer Science, with Distinction}$

Spencer Louis Paul • Computer Science

Tristan C. Peng • Computer Science

Thomas Carlos Pettit • Management Science and Engineering Long D. Pham • Electrical Engineering

Jason Khoi Phong • Materials Science and Engineering, Departmental Honors Program, with Distinction

Gian Luca Poutoa Pistor • Computer Science, with Distinction Ashten Layne Prechtel • Management Science and Engineering Diego Christian Preciado • Engineering, Field: Product Design Madison Sidney Virgil Quig • Engineering, Field: Biomedical Computation

Anna Elizabeth Quinlan • Computer Science, with Distinction Matthew Tran Radovan • Computer Science, with Distinction Nikhil Varun Raghuraman • Computer Science, with Distinction Kara Nasif Rahaim • Management Science and Engineering, with Distinction

Rekha Ramanathan • Mechanical Engineering Shashank Rammoorthy • Computer Science

Ajay Ravi • Materials Science and Engineering, Departmental Honors Program, with Distinction

Jack Samuel Rehnborg • Bioengineering

Margaret Hayes Reinstra • Computer Science

Phoenix Sage Reivers • Aeronautics and Astronautics

Jacob O. Restaino • Computer Science

Emilio Reyes • Mechanical Engineering

Ricardo Reyes • Mechanical Engineering

Antonio Ray Rios • Bioengineering

Soren Daniel Robinson • Engineering, Field: Engineering Physics Jasmine De Lourdes Rodriguez • Management Science and Engineering

Selaine Nicole Rodriguez • Computer Science, Interdisciplinary Honors Program in Education

Claire Lior Rosenfeld • Computer Science

Lainy Elizabeth Ross • Engineering, Field: Architectural Design William Constantine Rottman • Real Estate Development in Engineering

Angel J. Ruiz • Computer Science

Benjamin Leonardo Sage • Engineering, Field: Engineering Physics **Ankit Sahasrabudhe** • Engineering and Mathematics, Field: Engineering Physics

Eleanor Hope Salkoff • Mechanical Engineering

Sagarika S. Samavedi • Bioengineering

Finsam L. Samson • Computer Science

Coco Kiara Brisa Sanabria • Bioengineering, Departmental Honors Program

Breanna Sandoval • Engineering, Field: Product Design

Marion Nchangwie Santo • Bioengineering, Departmental Honors Program Andre Leonardo Saunders Jr. • Computer Science Ruhi Sayana • Computer Science, Departmental Honors Program, with Distinction Akram Sbaih • Computer Science Michelle Schwartzman • Management Science and Engineering Paxton Cecil Scott • Engineering, Field: Engineering Physics Samantha Jane Seaton • Engineering, Field: Product Design Robert Stavn Selwvn • Computer Science Connor Joseph Settle • Computer Science Yara B. Sevilla • Computer Science Kailah Seymour • Engineering, Field: Product Design Michael L. Sezen • Design William Isaac Shabecoff • Computer Science Syed Ali Mohyuddin Shah • Computer Science Stepan Sharkov • Computer Science Devansh Sharma • Computer Science Ende Shen • Computer Science Varun Narendra Shenoy • Electrical Engineering Shreya Shubhangi • Computer Science Aditeya Shukla • Aeronautics and Astronautics, Departmental **Honors Program** Sonali Singh • Mechanical Engineering Elizabeth Sinyavin • Computer Science, with Distinction Adam Ryszard Siwiec • Computer Science Jennifer Sumin Soh • Bioengineering Josue Daniel Solano Romero • Computer Science AnaClare C. Sole • Engineering, Field: Architectural Design, with Distinction Jinpeng Song • Computer Science and Mathematics Pratham Soni • Computer Science, Departmental Honors Program, with Distinction Sheikh Rifayet Daiyan Srijon • Computer Science Ujwal Srivastava • Computer Science, with Distinction Austin Stack • Engineering, Field: Atmosphere/Energy, with Distinction Kattalin Fernande Maria Stahl • Management Science and Engineering Riley Elizabeth Ann Stanford-Hill • Engineering, Field: Engineering Physics, with Distinction Sydney Rivers Steele • Bioengineering Meilan Steimle • Design Yaron Katriel Sternberg • Computer Science Ava Noelle Jubilee Stills • Computer Science Adela Marie Stonecipher • Engineering, Field: Product Design Jordan Strasser • Bioengineering Dean Ancheta Stratakos • Computer Science, with Distinction Manuka Valentina Stratta • Computer Science, with Distinction Colin Patrick Sullivan • Computer Science Marina Rio Takehana • Engineering, Field: Biomechanical Engineering Alexandra Nadin Tamer • Computer Science, with Distinction Jin Jie Ryan Tan • Computer Science Joshua Emmanuel Coliangco Tan • Chemical Engineering, with Distinction Kevin Tan • Computer Science Brian Tanabe • Engineering, Field: Product Design Zachary Michael Teplin • Engineering, Field: Biomechanical Engineering, with Distinction Dominic Reynaldo Terrones • Computer Science Hoang Ngoc Vy Thai • Computer Science, with Distinction Alexander Mackay Thorpe • Management Science and Engineering

Connor G. Tingley • Mechanical Engineering Christian Andrew Tocol • Chemical Engineering Dominique Toyozaki • Mechanical Engineering Flynn Alexander Nicholas Traeger • Computer Science Edward Tran • Computer Science, with Distinction Monica Tsien • Human-Centered Engineering & Innovative Management and, with Distinction Daulet Tuleubayev • Computer Science Cameron James Twarog • Electrical Engineering Chinemere Okore Obinna Uche • Management Science and Engineering Gabriela Agustina Uribe • Mechanical Engineering Andrew David Vallero • Engineering, Field: Architectural Design Abigail L. VanderPloeg • Computer Science, with Distinction Lynn Isabel Vanderstichele • Management Science and Engineering Xavier Fernando Vazquez • Engineering, Field: Product Design Rachel Ann Violette • Bioengineering Bao Khanh Hoang Vu • Management Science and Engineering Stephen Andrew Wadsworth • Computer Science Sakina Walji • Bioengineering Rachel Joy Wallstrom • Mechanical Engineering Alisa Lin Wang • Computer Science Ethan Y. Wang • Computer Science Julie Wang • Computer Science Kelsey Wang • Engineering, Departmental Honors Program Lainey Yifei Wang • Computer Science Tristan Wang • Computer Science Robert Larsen Weigle • Computer Science Porter James Weisberg • Computer Science Annalisa Ingrid Welinder • Computer Science Kathryn Elizabeth Werwath • Computer Science Emma Elizabeth Wheal • Engineering, Field: Product Design Daphne Mackenzie Wilkerson • Computer Science Anthony Lawrence Williams • Computer Science Jackson Leon Wilson • Computer Science Sylvie Celeste Wilson • Bioengineering David Aaron Witten • Computer Science Dennis Woo • Electrical Engineering, with Distinction James Elon Wright • Mechanical Engineering, with Distinction Jingwen Wu • Computer Science, with Distinction Tim Zekai Wu • Bioengineering, with Distinction William Z. Xi • Computer Science and Mathematics, with Distinction Cecilia Xia • Computer Science, with Distinction Anthony C. Xie • Computer Science Jennifer Jing Xu • Engineering, Field: Biomedical Computation Takao Yatagai • Computer Science, Departmental Honors Program Natanii Yazzie • Materials Science and Engineering Janae Alethia Young • Management Science and Engineering Ahmed Yousif • Bioengineering, Departmental Honors Program Lu Yuan • Computer Science Yang Fan Yun • Computer Science, with Distinction Federico Zalcberg • Computer Science Caroline Kelsey Zanze • Computer Science Eric Zeng • Computer Science Natalia Sophia Stewart Zezza • Management Science and Engineering Amy Yue Zhang • Computer Science Grace Zhang • Computer Science Tiffany Zhao • Computer Science Cui Zhou • Engineering, Field: Product Design

Wilmer S. Zuna Largo • Computer Science

33 H BE

Bachelor of Arts and Science

DEGREE CANDIDATES, JUNE 18, 2023 Azja Simone Czajkowski • Engineering and Communication

N C C

Master of Science

DEGREES CONFERRED SEPTEMBER 29, 2022 Jad Abdel Jawad • Management Science and Engineering Nibha Akireddy • Electrical Engineering Aparna Ananthasubramaniam • Management Science and Engineering Yamaan Mohammed Atiq • Aeronautics and Astronautics William Johannes Boehning • Computer Science Gregor Alan Bruce Bonnell • Computational and Mathematical Engineering

Sergio Armando Camelo Gomez • Computational and Mathematical Engineering

Abigail Carbone • Materials Science and Engineering Ethan Andrew Chi • Computer Science

Georgia Gabriela Da Silva Sampaio • Electrical Engineering

Sahil Dagli • Materials Science and Engineering

Victoria Docherty • Computer Science

Adithya Chandrasekaran Ganesh • Computer Science Efthimios Timmy Gianitsos • Computer Science

Patin Inkaew • Computer Science

Amalya Cox Johnson • Materials Science and Engineering Yixi Kennedy • Management Science and Engineering

Sophia Kivelson • Computer Science

Lucas Jun Koba Sato • Computer Science

Andrew Alexander Kondrich • Computer Science

Ali Lasemi • Mechanical Engineering

SunMi Lee • Computer Science

Xuechen Li • Computer Science Shi Yi Liang • Mechanical Engineering

William Han Wee Liew • Civil and Environmental Engineering

Xiao Rong Isabelle Lim • Management Science and Engineering Victor S. Lin • Computer Science

Yueming Liu • Materials Science and Engineering

Jocasta Manasseh-Lewis • Bioengineering

Liam Nevitt • Materials Science and Engineering

Pearly Pandya • Mechanical Engineering **Tetiana Parshakova** • Computational and Mathematical Engineering

Justin Alexander Rose • Electrical Engineering Justin Rose • Materials Science and Engineering Joshua Scott Rozner • Computational and Mathematical Engineering Nicholas Paul-Brazeau Sanchez • Computer Science Tal Schwartz • Aeronautics and Astronautics Khushal Sethi • Electrical Engineering **Cindy Shi** • Materials Science and Engineering Ryo Tyler Shibata • Computer Science Amelia D. Shoch • Management Science and Engineering Soon Kiat Sylvester Siew • Civil and Environmental Engineering Lucas Maroia Simoes • Management Science and Engineering Stephen Robert Sippel • Mechanical Engineering Ariel Stiber • Materials Science and Engineering Eugene Yucheng Tang • Mechanical Engineering Brook Morgan Thompson • Civil and Environmental Engineering Keani Claire Ursula Willebrand • Civil and Environmental Engineering

Yuan Yao • Materials Science and Engineering Michihiro Yasunaga • Computer Science Shaokun Yu • Civil and Environmental Engineering Frank Zhou • Electrical Engineering Qi Zhou • Materials Science and Engineering Yuanjia Zhu • Bioengineering

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Master of Science DEGREES CONFERRED JANUARY 12, 2023

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No.

Master of Science

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Trisha Jo-Marie Litong • Mechanical Engineering Jiawei Liu • Materials Science and Engineering Rongrong Liu • Computer Science Tiffany Tinwen Liu • Computer Science Xiaofan Liu • Civil and Environmental Engineering Xixuan Liu • Computer Science Ziang Liu • Computer Science Seth Wijesooriya Liyanage • Mechanical Engineering Enzo Llorach • Aeronautics and Astronautics Eder Giovanni Lomeli • Materials Science and Engineering Olivia Yongyi Long • Electrical Engineering Qirui Long • Civil and Environmental Engineering Eric Zhongyi Lou • Computer Science Yuen Wei Samuel Low • Aeronautics and Astronautics Sarah Lowry • Civil and Environmental Engineering Ching Yin Lui • Computer Science Gregory Carson Lund • Aeronautics and Astronautics Dylan Sauburox Dragon Ly • Management Science and Engineering Junrui Lyu • Electrical Engineering Arden Weilun Ma • Electrical Engineering Weiyun Ma • Computer Science Ian MacFarlane • Electrical Engineering Laura Madril • Materials Science and Engineering Paridhi Maheshwari • Computer Science Marigold Gil Malinao • Materials Science and Engineering Melissa Renee Marable • Mechanical Engineering Jessica Martinez • Chemical Engineering Tomas Henrique Martinez • Management Science and Engineering Wilfrido Martinez Alonso • Civil and Environmental Engineering Priyanka Mathikshara Mathialagan • Electrical Engineering Craig Maughan • Management Science and Engineering Victor Constant Denis Maurin • Mechanical Engineering Swati Maurya • Civil and Environmental Engineering Grant Hunter McClearn • Computer Science Loren Evan McDonald • Aeronautics and Astronautics Aarya Cyril Mecwan • Electrical Engineering Kathleen Medill • Electrical Engineering Antonio Rafael Medina Perez • Engineering, Field: Design Impact Brennan Emily Megregian • Computer Science Zeb Mehring • Computer Science Chenlin Meng • Computer Science Chuanzhe Meng • Materials Science and Engineering Felix Meng • Computational and Mathematical Engineering Rita Esther Meraz Rivera • Electrical Engineering **Devin Merrell** • Mechanical Engineering Charles N. Merriam • Civil and Environmental Engineering Kathryn Leigh Mhatre • Computer Science Luis Santiago Mille Fragoso • Bioengineering Andrew Thomas Miller • Mechanical Engineering Nicole Ronnie Miller • Management Science and Engineering Maxim Mints • Computer Science Priva Mishra • Computer Science Gevork Haig Mkrtchyan • Bioengineering Nael Alexandre Mnasri • Management Science and Engineering Tz Wei Mo • Electrical Engineering Christopher Moffitt • Computer Science Vishal Mohanty • Computer Science Chaitanya Anish Mokkarala • Mechanical Engineering Raaisa Lami Moktader • Computer Science

Angela Montemayor • Computer Science

Jeremiah Alcantara Montemayor • Aeronautics and Astronautics Dwight Melvyn Bush Moore • Computer Science Alex Cristian Moraru • Electrical Engineering **Cameron Nicole Morelli** • Civil and Environmental Engineering **Chunjiang Mou** • Computational and Mathematical Engineering Ava Mouallem • Electrical Engineering Gabriel Alexander Mudel • Computer Science Jordy Mukania • Electrical Engineering Sasankh Munukutla • Computer Science Dana Murphy • Electrical Engineering Mason Murray-Cooper • Aeronautics and Astronautics David Michael Myers • Mechanical Engineering Justin Taylor Myles • Mechanical Engineering Sheila Naby • Civil and Environmental Engineering Yoko Nagafuchi • Computational and Mathematical Engineering Asagi Nagatoishi • Civil and Environmental Engineering Anuj Nagpal • Computational and Mathematical Engineering Rachel Yuki Naidich • Computer Science Nandini Tondamantham Naidu • Computer Science Anand Krishnan Nair • Computer Science Hayato Nakamura • Electrical Engineering Sharmila Reddy Nangi • Computer Science Alessandra Olivia Napoli • Mechanical Engineering Shreya Virinchipuram Narayan • Electrical Engineering Karthik Nataraj • Computational and Mathematical Engineering Adam Nayak • Management Science and Engineering John Duc-Tuan Nguyen • Computer Science Xingyu Ni • Electrical Engineering Mohamed Nijad • Mechanical Engineering Peranut Nimitsurachat • Computational and Mathematical Engineering Yuya Nishio • Electrical Engineering Wally Lai Niu • Bioengineering Avrum Noor • Computer Science Lucie M. Nordmann • Civil and Environmental Engineering Guillaume Thomas Jean Noziere • Management Science and Engineering Oscar Frainc Cartmell ORahilly • Computer Science William Douglas Ogden • Civil and Environmental Engineering Mehmet Giray Ogut • Electrical Engineering Daniel Oluwatomisin Oluwalana • Aeronautics and Astronautics Nitin Satya Ongole • Aeronautics and Astronautics Stefan Skye-Hawk Orosco • Electrical Engineering Angel Amadeus Ortiz • Mechanical Engineering Christopher Lu Osgood • Aeronautics and Astronautics Santiago Ossa Rodriguez • Civil and Environmental Engineering Rhett Carson Owen • Computer Science Adam Arash Pahlavan • Computer Science Amritalakshmi Venkata Palaparthi • Computer Science Edwin Pan • Electrical Engineering Jou An Pan • Materials Science and Engineering Tara Elizabeth Parekh • Computer Science **Carlota Pares Morlans** • Electrical Engineering Swayam Sidhhant Parida • Computer Science Benjamin Ezra Parks • Computer Science Mayur Dharmesh Patel • Civil and Environmental Engineering Advait Avinash Patil • Computer Science Amber Morganne Tricia Patrick • Computer Science Sruti Paturi • Management Science and Engineering Abena Darkwah Peasah • Bioengineering Xingyan Pei • Civil and Environmental Engineering

Yuxin Pei • Computer Science Kyra Ashley Pelton • Mechanical Engineering Saketh Pemmasani • Mechanical Engineering Francisco Pernice • Computer Science Henry Person • Management Science and Engineering Milo Atticus Petropoulos • Civil and Environmental Engineering Axel Benoit Peytavin • Computational and Mathematical Engineering Albert Quoc-Quy Pham • Materials Science and Engineering Michael Phan • Mechanical Engineering Clare Liberty Phelps • Computer Science Andrew James Phillips • Electrical Engineering Maxwell James Pike • Computer Science John Alan Pobega • Mechanical Engineering Joana Porfirio Santos • Mechanical Engineering Poom Prasopsukh • Mechanical Engineering Ashten Layne Prechtel • Management Science and Engineering Daniel Raymond Pugh • Mechanical Engineering Yimeng Qin • Mechanical Engineering Matthew Tran Radovan • Computer Science Kathryn Lidia Radziwonski • Computer Science SriRaagavi Ragothaman • Computer Science Joel Ramirez Jr. • Computer Science Shreya Ravi • Computer Science Edan Reches • Mechanical Engineering Kelly Lynn Redmond • Engineering, Field: Design Impact Margaret Hayes Reinstra • Computer Science **Emilio Reyes** • Mechanical Engineering Ricardo Reyes • Mechanical Engineering Gerrit Abel Ribbink • Computer Science Jonathan Scott Richter • Aeronautics and Astronautics Christopher Charles Rilling • Computer Science Tess Rinaldo • Computer Science Jacob William Keith Ritchie • Computer Science Kaylin Rochford • Engineering, Field: Design Impact Albert Rodriguez • Chemical Engineering Gilbert Lopez Rosal • Computer Science JamiLynn Elizabeth Rose • Mechanical Engineering Claire Lior Rosenfeld • Management Science and Engineering Taraneh Sadjadpour • Electrical Engineering Adhithyan Sakthivelu • Civil and Environmental Engineering Derek Ralph Salas • Civil and Environmental Engineering Nicolas Roberto San Miguel • Aeronautics and Astronautics Sophia Sanchez • Computer Science Nikhil Sardana • Computer Science Matthew Michael Sato • Civil and Environmental Engineering Tristan Saucedo • Computer Science Jason Saunders • Electrical Engineering Akram Sbaih • Computer Science Natalie Schieuer • Materials Science and Engineering James Corbin Schmeil • Management Science and Engineering Laura Maria Cornelia Schuetz • Engineering, Field: Design Impact Paxton Cecil Scott • Computer Science Ana Delphin Selvaraj • Computer Science Robert Stayn Selwyn • Computer Science Anooshree Lauren Sengupta • Computer Science Jonathan Paul Sepulveda • Materials Science and Engineering Malick Alexandre Sere • Electrical Engineering Connor Joseph Settle • Computer Science Dingchen Sha • Management Science and Engineering Uzma Wajeeh Shaikh • Electrical Engineering

26 Stanford University COMMENCEMENT 2023

Gatha Shambharkar • Materials Science and Engineering Manasi Sharma • Computer Science Raghav Sharma • Civil and Environmental Engineering Ende Shen • Computer Science Haochen Shi • Computer Science Peter Cho Luen Shih • Mechanical Engineering John Hyunjoon Shin • Chemical Engineering Mahammad Shirinov • Management Science and Engineering Sanzeeda Baig Shuchi • Chemical Engineering Matias Shundi • Computer Science Devorah Rena Simon • Computer Science Michal Skreta • Computer Science Raleigh Slyman • Mechanical Engineering Quinn Isaiah Smalling • Computer Science Benjamin Morrell Smith • Mechanical Engineering Haley So • Electrical Engineering Jianna Audrey Reyes So • Computer Science Jose Alejandro Solano Castellanos • Mechanical Engineering Kavya Somasi • Electrical Engineering Hee Won Son • Civil and Environmental Engineering Wenzhu Song • Management Science and Engineering Xueyang Song • Computer Science Salvatore Rocco Spina • Computer Science Samuel Alan Spinner • Computer Science Dawson J. Sproul • Computer Science Aditya Srinivasan • Computer Science Vidisha Srivastav • Electrical Engineering Apoorv Srivastava • Mechanical Engineering Sanjari Srivastava • Computer Science Stanford Ariel Stickney • Engineering, Field: Design Impact Carmen Daniela Strassle • Computer Science Dean Ancheta Stratakos • Computer Science Manuka Valentina Stratta • Computer Science Rachel Bamihas Stutz • Aeronautics and Astronautics Jiaxuan Su • Mechanical Engineering Elaine Yi Ling Sui • Computer Science Alanna XiShen Sun • Computer Science Fan Yun Sun • Computer Science **Zhichao Sun** • Civil and Environmental Engineering Donald Swen • Engineering, Field: Design Impact Hailey Eve Szybunka • Aeronautics and Astronautics Sahil Tadwalkar • Civil and Environmental Engineering Fahim Tajwar • Computer Science Ellie Ugne Talius • Computer Science **Grace Wanrong Tan** • Management Science and Engineering Jin Jie Ryan Tan • Computer Science Joshua Emmanuel Coliangco Tan • Management Science and Engineering Kevin Tan • Computer Science Brian Tanabe • Mechanical Engineering Melissa Dawn Tanaka • Civil and Environmental Engineering Varun Tandon • Computer Science Fengmin Tang • Computational and Mathematical Engineering Jialu Tang • Civil and Environmental Engineering Nantanick Tantivasadakarn • Computer Science Lucas Tao • Computer Science Zhuoran Tao • Computer Science Lauren Rosalie Taylor • Mechanical Engineering Neemish Tejaswi • Mechanical Engineering Rishudh Thakur • Civil and Environmental Engineering

Matthew Wilson Thomas • Computational and Mathematical Engineering Matti Lawton Siukola Thurston • Materials Science and Engineering Jacob Tie-Shue • Computer Science Connor G. Tingley • Mechanical Engineering Calvin Tolbert • Management Science and Engineering David J. Toomer • Computer Science Edna Rebeca Toro Garza • Mechanical Engineering **Connor Toups** • Computer Science Edward Tran • Management Science and Engineering Ha H. Tran • Computer Science Manda ThuyVy Tran • Computer Science Phillip Tran • Management Science and Engineering Phuong Quan Trinh • Civil and Environmental Engineering Daniel Evan Troyetsky • Aeronautics and Astronautics Takara Everest Truong • Computer Science Jeffrey Tsang • Management Science and Engineering Daulet Tuleubayev • Computer Science Ian Dashiell Tullis • Computer Science Jia Yi Audrey Tung • Management Science and Engineering Eleanor Faith Turaski • Materials Science and Engineering Anthony Tzen • Computer Science Gabriela Agustina Uribe • Mechanical Engineering Skanda Vaidyanath • Computer Science Cara Elise Van Uden • Computer Science Abigail L. VanderPloeg • Computer Science Ashwin Vangipuram • Computer Science Anirudh Vegesana • Computer Science Theodore Fate Velaise • Management Science and Engineering Akash Velu • Computer Science Anthony Villalobos • Civil and Environmental Engineering Jose Luis Villarreal • Mechanical Engineering Rohan Viral Virani • Computer Science **Dhvaneel Vivek Visaria** • Mechanical Engineering Stephen Andrew Wadsworth • Computer Science Eli Crawford Wald • Computer Science Rachel Joy Wallstrom • Mechanical Engineering Alisa Lin Wang • Management Science and Engineering Chen Wang • Computer Science David Haikuo Wang • Computer Science George Wang • Computer Science Jiacheng Wang • Civil and Environmental Engineering Julia Wang • Management Science and Engineering Julie Wang • Computer Science Phillip Wang • Management Science and Engineering Puxiao Wang • Aeronautics and Astronautics Tingkang Wang • Mechanical Engineering William Wang • Bioengineering Xuan Wang • Civil and Environmental Engineering Zilu Wang • Management Science and Engineering Qingyue Wei • Electrical Engineering Cortney Curtis Weintz • Management Science and Engineering Allyson Jade Weiss • Mechanical Engineering Xinyi Wen • Electrical Engineering Anthony David Weng • Computer Science Eric Andrew Werner • Computer Science Thomas C. White • Aeronautics and Astronautics Wrayzene Willoughby • Chemical Engineering Benjamin Henly Wittenbrink • Computer Science Huai Zhe Matthew Wong • Electrical Engineering

Kaylie Elizabeth Wong • Mechanical Engineering Temesgen Solomon Worku • Mechanical Engineering Megan Worrel • Computer Science Bohan Wu • Computer Science Brian Wu • Mechanical Engineering Shirong Wu • Electrical Engineering Tim Zekai Wu • Management Science and Engineering Xuan Wu • Civil and Environmental Engineering Yi Chia Wu • Electrical Engineering Yilin Wu • Computer Science Yuwei Wu • Management Science and Engineering Zhuofan Xi • Computational and Mathematical Engineering Cecilia Xia • Management Science and Engineering Lucas Xia • Computer Science Yaqing Xia • Electrical Engineering Angela Xie • Computer Science Songchun Xie • Mechanical Engineering **Cheng Xu** • Management Science and Engineering Michelle Xu • Computer Science Shunyao Xu • Electrical Engineering Zifei Xu • Computational and Mathematical Engineering Zixuan Xu • Civil and Environmental Engineering Wenyuan Xue • Civil and Environmental Engineering Yosuke Yamamoto • Civil and Environmental Engineering Audrey Yan • Civil and Environmental Engineering Rui Yan • Computational and Mathematical Engineering Chutong Yang • Computer Science Emily Junyi Yang • Computer Science Joanna Yang • Computer Science Junrui Yang • Computer Science Robert Yang • Computer Science Xuelin Yang • Computer Science Hanging Yao • Computational and Mathematical Engineering Raymond Yao • Computer Science Shengjie Yao • Management Science and Engineering Zixin Yao • Computer Science Takao Yatagai • Computer Science Michael Yan Ye • Aeronautics and Astronautics Zhechi Ye • Electrical Engineering Miao Chin Yen • Management Science and Engineering Lingyun Yin • Civil and Environmental Engineering Rui Ying • Computer Science Hanna Yip • Computer Science Feiyang Yu • Computer Science Ina Bianca Yu • Bioengineering William Yu • Bioengineering Jialuo Yuan • Civil and Environmental Engineering Yang Fan Yun • Management Science and Engineering Federico Zalcberg • Computer Science Caroline Kelsey Zanze • Computer Science

Eric Zeng • Computer Science Legi Zeng • Computational and Mathematical Engineering Amy Yue Zhang • Computer Science Andrew Kuanyang Zhang • Electrical Engineering Daiyao Zhang • Chemical Engineering Daniel Yicheng Zhang • Computer Science Ningdong Zhang • Civil and Environmental Engineering Peiqi Zhang • Civil and Environmental Engineering Rungiu Zhang • Civil and Environmental Engineering Xiaowei Zhang • Bioengineering Xin Zhang • Computer Science Xiting Zhang • Materials Science and Engineering Yihao Zhang • Civil and Environmental Engineering Yuhan Zhang • Electrical Engineering Zhihao Zhang • Civil and Environmental Engineering Angela WenYue Zhao • Computer Science Qingqing Zhao • Electrical Engineering Taiqi Zhao • Civil and Environmental Engineering Tiffany Zhao • Management Science and Engineering Xinran Zhao • Computer Science Yanni Zhao • Civil and Environmental Engineering Zuyi Liz Zhao • Computer Science Ye Zheng • Civil and Environmental Engineering Cui Zhou • Computer Science Genggeng Zhou • Mechanical Engineering Kexu Zhou • Mechanical Engineering Jason Zhu • Computational and Mathematical Engineering Qingyang Zhu • Materials Science and Engineering **Tinger Zhu** • Civil and Environmental Engineering Yifan Zhu • Electrical Engineering Damon Noah Zuber • Computer Science Amir Zur • Computer Science

Engineer DEGREES CONFERRED APRIL 6, 2023

Philomena Reinmueller • Civil and Environmental Engineering, Thesis Title: Towards Anthropotropic Architecture: Establishing a Framework for Integrating Human Flourishing into Building Design

Engineer

DEGREE CANDIDATES, JUNE 18, 2023

Xinwei Liu • Aeronautics and Astronautics, Thesis Title: Characterization Of The Clock And Ephemeris Error Distributions Of The Global Satellite Navigation System (GNSS)

Fauzan Reza Maulana • Civil and Environmental Engineering, Thesis Title: A Study On The Current State And Success Factors Of Construction Technology Startups

N DI

Doctor of Philosophy DEGREES CONFERRED SEPTEMBER 29, 2022

Parastoo Abtahi • Computer Science, Dissertation Title: *From Haptic Illusions to Beyond-Real Interactions in Virtual Reality* **Firas Maher Abuzaid** • Computer Science, Dissertation Title:

Efficient Optimization Techniques for Traffic Engineering Suhaas Anbazhakan • Bioengineering, Dissertation Title:

Evaluating The Impact Of Mammalian Coronary Collateral Flow During Fetal And Adult Stages

Hilal Asi • Electrical Engineering, Dissertation Title: *Private Data Analysis Beyond the Worst Case*

Okan Atalar • Electrical Engineering, Dissertation Title: *Resonant Photoelastic Modulation for Time-of-Flight Imaging with Standard Image Sensors*

Brian Axelrod • Computer Science, Dissertation Title: *Sidestepping Hardness in Statistical Problems*

Julia Ann Belk • Computer Science, Dissertation Title: Massively parallel interrogation of anti-viral and anti-cancer immunity

Steven Emberton Bell • Electrical Engineering, Dissertation Title: *F4graph: An API for camera scheduling and heterogeneous image processing on mobile devices*

Jean-Raymond Melingui Betterton • Computer Science, Dissertation Title: *Reinforcement Learning for Adaptive Sampling in X-ray Applications*

William Cai • Management Science and Engineering, Dissertation Title: *Towards Equity in Algorithmic Decision Making*

Christopher Patrick Cameron • Mechanical Engineering, Dissertation Title: *Performance Optimization of MEMS Gyroscopes and Their Shock Survivability*

Cheng Chen • Electrical Engineering, Dissertation Title: *A penny-sized wearable wireless EEG recorder*

Victoria Li Chien Chen • Electrical Engineering, Dissertation Title: Synthesis and Characterization of 2D Materials for Electronic and Thermoelectric Applications

Heejo Choi • Bioengineering, Dissertation Title: *A Computational Whole-Cell Model of Escherichia coli: Reconciliation of Heterogeneous Datasets and Simulation of tRNA Aminoacylation*

Brianna Sierra Chrisman • Bioengineering, Dissertation Title: Unmapped or Untapped? Leveraging the Unmapped Read Space of Whole Genome Sequences to Understand the Human Genome, Virome, and Contaminome

Zonghe Chua • Mechanical Engineering, Dissertation Title: *Visual Force Estimation in Robot-assisted Minimally Invasive Surgery*

Hayoon Chung • Civil and Environmental Engineering, Dissertation Title: On the interaction of buoyant plumes and gaps with canopy mixing layers

Matthew Alexander Clarke • Aeronautics and Astronautics, Dissertation Title: Towards a Regional and Urban Air Mobility Future: The Development of Computational Approaches for Quantifying Trade-offs in Electric Aircraft†Design

Dana Lee Cortade • Materials Science and Engineering, Dissertation Title: *Giant Magnetoresistive Biosensors For Point-Of-Care And Personalized Pain Medicine*

William Perry Crichton • Computer Science, Dissertation Title: *Revisiting Program Slicing with Ownership-based Information Flow*

Riley Taylor Culberg • Electrical Engineering, Dissertation Title: *Radar Sounding of Ice Sheet Near-Surface Processes*

Preston Davis Culbertson • Mechanical Engineering, Dissertation Title: *Planning and Control for Multi-Robot Manipulation and Assembly in Unstructured Environments*

Tianhui Diao • Management Science and Engineering, Dissertation Title: *Values-driven Decision Support for Cadaveric Kidney Transplant Decisions* **Griffin Gabrielle Dietz** • Computer Science, Dissertation Title: Cognitively Appropriate and Readily Accessible Computing Education for Young Learners

Samuel Meyer Dull • Chemical Engineering, Dissertation Title: Leveraging Atomic Layer Deposition in Oxygen Reduction Electrodes for Proton Exchange Membrane Fuel Cells

Ioannis Eugenis • Bioengineering, Dissertation Title: *Macroporous hydrogel sponges for enhancing stem cell transplantation and skeletal muscle regeneration following traumatic injury*

Benjamin Aaron Fisch • Computer Science, Dissertation Title: *Proof Systems for Scaling Blockchains*

Casey Margaret Fleeter Masuda • Computational and Mathematical Engineering, Dissertation Title: *Multifidelity Methods for Uncertainty Quantification in Cardiovascular Hemodynamics*

Saksham Gakhar • Civil and Environmental Engineering, Dissertation Title: *Data-driven study of surface expressions of underwater features in environmental flows*

Elena Galbally Herrero • Mechanical Engineering, Dissertation Title: Understanding and Learning Robotic Manipulation Skills from Humans

Ananthakrishnan Ganesan • Computational and Mathematical Engineering, Dissertation Title: *Single-Cell Characterization of Human Immune Cell Histone Modification Profiles Using Machine Learning*

Antonio Alejandro Ginart • Electrical Engineering, Dissertation Title: *Theory and Algorithms for Efficient Deployment of Machine Learning Systems*

Eva Carolina Gonzalez Diaz • Bioengineering, Dissertation Title: *Tissue engineered 3D in vitro bone cancer models for elucidating drivers of cancer progression and drug discovery*

Abigail Kate Grosskopf • Chemical Engineering, Dissertation Title: *Polymer-Nanoparticle Hydrogels: From Fundamentals to Biomedical Applications*

Beliz Gunel • Electrical Engineering, Dissertation Title: *Leveraging Prior Knowledge and Structure for Data-Efficient Machine Learning*

Neha Gupta • Computer Science, Dissertation Title: *Principled* approaches to modern machine learning challenges.

Vivek Kumar Gupta • Mechanical Engineering, Dissertation Title: *Mechanics of Epithelial Cell Division*

Katarina Maria Guzman • Chemical Engineering, Dissertation Title: Unraveling Fundamental Questions Of Polyketide Synthases Through Biochemical And Structural Studies

JunYoung Gwak • Computer Science, Dissertation Title: *3D Scene* Understanding with Efficient Spatio-Temporal Reasoning

Negin Heravi • Mechanical Engineering, Dissertation Title: *Multimodal Object Representation Learning in Haptic, Auditory, and Visual Domains*

Michael Jacob Hollander • Bioengineering, Dissertation Title: *Cytokine receptor engineering for mechanistic and therapeutic studies*

Nina Beryl Horowitz • Bioengineering, Dissertation Title: Engineering A Robust And Scalable Platform For The Production Of ieILC1-like NK Cells, A Novel Solid Tumor Immunotherapeutic Modality

Charles W. Huang • Bioengineering, Dissertation Title: *Developing Automated Tools In Radiation Therapy To Streamline Treatment Planning And Improve Plan Quality*

Anqi Ji • Electrical Engineering, Dissertation Title: *Quantitative Phase Contrast Imaging with a Nonlocal Angle-Selective Metasurface* **Jiaqi Jiang** • Electrical Engineering, Dissertation Title: *Deep learning for inverse design of photonic devices*

Cem Kalkanli • Electrical Engineering, Dissertation Title: *Thompson* Sampling Beyond Classical Bandits

Catherine Marie Kasse • Materials Science and Engineering, Dissertation Title: *Supramolecular hydrogels for stability and longterm delivery of biotherapeutics* Jacob Feldman King • Civil and Environmental Engineering, Dissertation Title: Ozone Oxidation of Emerging Contaminants in RO Concentrate and Reductive Dehalogenation of Halogenated Contaminants Using Activated Carbon-Based Electrolysis

Pang Wei Koh • Computer Science, Dissertation Title: *Reliable machine learning in the wild*

Laurel Anne Kroo • Mechanical Engineering, Dissertation Title: Adaptive and Sensory Machines: Active Foam and Swimming Rheometers

Philip Kenneth Lee • Electrical Engineering, Dissertation Title: Methods for robust diffusion weighted body magnetic resonance imaging

Pengyang Li • Bioengineering, Dissertation Title: *Functional* genomic analysis identifies novel regulators of germline development using flatworm models

Po Nan Li • Electrical Engineering, Dissertation Title: *Computational methods for multi-scale biological imaging and modeling*

Qitong Li • Materials Science and Engineering, Dissertation Title: Improved Light-Field Control and Light-Matter Interaction for Device Applications via Optically Resonant Nanostructures

Mathilde Lindhart • Civil and Environmental Engineering, Dissertation Title: Waves and flows on coral reefs: dynamical regimes and the role of roughness

Catherine San Ru Liou • Chemical Engineering, Dissertation Title: *Gut microbial metabolism of specialized compounds from dietary plants*

Chen Liu • Mechanical Engineering, Dissertation Title: *Nondestructive Analysis of IC Bond Pad Structures using Signal Processing of Acoustic Emission Signatures and Finite Element Analysis*

Chunzi Liu • Chemical Engineering, Dissertation Title: *Interfacial Properties of Ocular Surface*

Nicolo Maganzini • Electrical Engineering, Dissertation Title: *Novel affinity reagents and sensing methods for point-of-care biosensing* **Tong Mu** • Electrical Engineering, Dissertation Title: *More Sample*

Efficient and Robust Reinforcement Learning with Domain Knowledge

Lars Thorben Neustock • Electrical Engineering, Dissertation Title: Design Optimization Algorithms and Tools for Charged-Particle Optics and Trapped Ion Quantum Computing

Julia Eve Olivieri • Computational and Mathematical Engineering, Dissertation Title: The Statistics of RNA Splicing in Single Cells

Joseph Pace • Mechanical Engineering, Dissertation Title: Characterizing the Mechanism of Sensorial Perception of Biomechanical Changes in Human Skin

Abhinav Parakh • Materials Science and Engineering, Dissertation Title: *High Pressure Deformation of Nanostructures and Lightweight Alloys*

Ashwin Pradeep Paranjape • Computer Science, Dissertation Title: Neural Systems for Informative Conversations

Jason Qian • Aeronautics and Astronautics, Dissertation Title: Accelerating Structural Optimization in the Early Aircraft Design Phases

Shengjun Qin • Electrical Engineering, Dissertation Title: *3D Vertical Resistive Switching Memory towards Ultrahigh-density Non-volatile Memory*

Amanda Quay • Civil and Environmental Engineering, Dissertation Title: Behavioral Responses to Environmental and Policy Changes in Agricultural Systems

Kirstin Schauble • Electrical Engineering, Dissertation Title: Improving Contacts and Defect Characterization Toward Industry-Ready 2D Semiconductors

Liyue Shen • Electrical Engineering, Dissertation Title: *Priorinformed Machine Learning for Biomedical Imaging and Perception* **Kirankumar Shiragur** • Management Science and Engineering, Dissertation Title: *Efficient universal estimators for symmetric property estimation*

Rui Shu • Computer Science, Dissertation Title: *Deep Representations with Learned Constraints*

Chelsea Rose Sidrane • Aeronautics and Astronautics, Dissertation Title: *Neural Network Verification for Nonlinear Systems*

Rodrigo Ivan Silva Lopez Sr. • Civil and Environmental Engineering, Dissertation Title: *Seismic risk management of complex road networks: Optimization methods and integration of community impact metrics*

Adam Michael-Anthony Simpson • Civil and Environmental Engineering, Dissertation Title: Predicting Initial Transformation Products of Food-Based Bio-Polymers and -Molecules During Food Disinfection

Jinhie Lee Skarda • Electrical Engineering, Dissertation Title: Distributed simulation and optimization of large-area metasurfaces

Yang Song • Computer Science, Dissertation Title: *Learning to Generate Data by Estimating Gradients of the Data Distribution* Nathan Stacey • Aeronautics and Astronautics, Dissertation

Title: Robust Autonomous Spacecraft Navigation and Environment Characterization

Jesse William Streicher • Mechanical Engineering, Dissertation Title: *Ultraviolet Laser Absorption Studies of the Vibrational Relaxation and Reaction Kinetics of Shock-Heated Air Species*

Nurbek Tazhimbetov • Computational and Mathematical Engineering, Dissertation Title: *Simulations of Flexural-Gravity Wave Response of Antarctic Ice Shelves to Tsunami and Ocean Wave Impacts*

Pratiksha Ranjit Thaker • Computer Science, Dissertation Title: Efficient Remote Memory for Parallel and Distributed Data Analytics

Patrick Michael Thornton • Materials Science and Engineering, Dissertation Title: Understanding and Modeling the Adhesive Reliability and Degradation of Photovoltaic Module Encapsulants and Other Solar Polymer Films

Yi Lin Tsai • Civil and Environmental Engineering, Dissertation Title: Using AI for Improving Evacuation during Compound Disasters

Maryann Chenting Tung • Electrical Engineering, Dissertation Title: Block Copolymer Directed Self-Assembly for Patterning Memory and Logic

Christopher William Vassos • Electrical Engineering, Dissertation Title: *Low Power Techniques for Wireless MRI Receiver Arrays*

Varun Ayakulangara Vasudevan • Computational and Mathematical Engineering, Dissertation Title: Data Representations and Data Quality in the Context of Machine Learning and Healthcare Max Li-Hua Wang • Electrical Engineering, Dissertation Title: Design of Robust Closed-Loop Ultrasonic Implant Systems

Yifan Wang • Mechanical Engineering, Dissertation Title: *Thermally activated defect processes in metallic materials: from rate theory to mechanical properties*

Stephen Butler Weinreich • Electrical Engineering, Dissertation Title: *Linear periodically time-varying circuits for the Internet of Everything*

Charles Casimir Wojcik • Electrical Engineering, Dissertation Title: *Topological photonics in non-Hermitian and scattering systems* **Linjia Wu** • Management Science and Engineering, Dissertation

Title: Dynamic Stochastic Models for Experimentation and Matching Boyoung Yoo • Computer Science, Dissertation Title: Automated discovery of novel gene-trait/disease hypotheses

Tianhe Yu • Computer Science, Dissertation Title: *Building Versatile Reinforcement Learning Agents with Offline Data*

Dante Zakhidov • Materials Science and Engineering, Dissertation Title: Vibrations & Lattices: Structural Control and Characterization of Two-Dimensional Materials Jose Andres Zamora Zeledon • Chemical Engineering, Dissertation Title: Design And Development Of Electrocatalysts And Their Microenvironments For Applications In Fuel Cells: A Focus On Silver-Based Materials And The Oxygen Reduction Reaction

Shengjia Zhao • Computer Science, Dissertation Title: Uncertainty and Information for ML-Driven Decision Making

Doctor of Philosophy Degrees CONFERRED JANUARY 12, 2023

Nathnael Solomon Abebe • Electrical Engineering, Dissertation Title: *Electromechanical Phase Shifters and Power Splitters for Reconfigurable Integrated Photonics*

Guillermo Antonio Aboumrad Sidaoui • Computational and Mathematical Engineering, Dissertation Title: *Anyonic quantum computation via F-matrices and duality in quantum group theory*

Rohan Lee Aras • Civil and Environmental Engineering, Dissertation Title: *Modeling the constraining influence of urban morphology on non-motorized mobility*

Nicholas August Bianco • Mechanical Engineering, Dissertation Title: *Simulating exoskeletons to assist walking: tools and applications*

Sarah Jane Blair • Chemical Engineering, Dissertation Title: Developing a Fundamental Understanding of Dynamic Electrode-Electrolyte Interfaces During Electrochemical Ammonia Production

Anthony James Bombik • Aeronautics and Astronautics, Dissertation Title: *Modularization of Multifunctional Energy Storage Composites (MESC)*

Samuel Roland Bray • Bioengineering, Dissertation Title: *Emergent dynamics of biological collectives*

Leandra Lynn Brickson • Electrical Engineering, Dissertation Title: *Reverberation Noise Suppression in Ultrasound Channel Data using a Fully Convolutional Neural Network*

Steven Randall Brill • Computational and Mathematical Engineering, Dissertation Title: *An Enriched-Basis High-Order Method for Wall-Modeled Large Eddy Simulation*

Shyamal Deep Buch • Computer Science, Dissertation Title: *Efficient Event Understanding in Videos and Language*

Julia Kathleen Butterfield • Mechanical Engineering, Dissertation Title: The Energetics of Split-Belt Walking

Zhangjie Cao • Computer Science, Dissertation Title: *Learning from Imperfect Demonstrations*

Michael Gregory Chavez • Bioengineering, Dissertation Title: Next Generation Cell Therapies: From Genome to Receptor to Vector Engineering

Je-ok Choi • Computational and Mathematical Engineering, Dissertation Title: *Practical Mechanisms For Platforms In Modern Markets*

Rishav Choudhary • Mechanical Engineering, Dissertation Title: *Towards a practical modeling approach for low temperature oxidation of fuels*

Elizabeth Katherine Cole • Electrical Engineering, Dissertation Title: Improved Data Representations and Data-Efficient Methods in Deep Learning for MRI Applications

Adrien Descamps • Aeronautics and Astronautics, Dissertation Title: *Probing extreme states of matter using high resolution inelastic X-ray scattering at hard X-ray Free Electron Lasers*

Shi Dong • Electrical Engineering, Dissertation Title: *Efficient Reinforcement Learning with Agent States*

Savannah Ryann Eisner • Electrical Engineering, Dissertation Title: *InAlN/GaN High Electron Mobility Transistors for Venus Surface Exploration*

Alex Cameron Ferris • Bioengineering, Dissertation Title: *Transcriptomic analysis of Ustilago maydis infection and improving cassava brown streak disease surveillance in sub-Saharan Africa* **Tushar Goel** • Mechanical Engineering, Dissertation Title: *In Complete Control; Simultaneous Path, Speed and Sideslip Angle Control of a Drifting Automobile*

Eric Jordan Gonzalez • Mechanical Engineering, Dissertation Title: *Redirected Reaching in Virtual Reality: Modeling, Control & Applications*

Kevin Patrick Griffin • Mechanical Engineering, Dissertation Title: Modeling and simulation of wall-bounded turbulent flows with pressure gradient and compressibility effects

Darian Hassan Hadjiabadi • Bioengineering, Dissertation Title: Mechanisms of neural communication predicted from computational modeling of healthy and pathological brain circuits

Rebecca Anne Hinds • Management Science and Engineering, Dissertation Title: *Beyond The Status Quo of Remote Work: How Workers Gain And Lose Status in Their Organizations Amid Shifts to Remote Work*

Taylor Howell • Mechanical Engineering, Dissertation Title: Numerical Optimization For Things That Move: Simulation, Planning, and Control

Jake Wei-En Hsu • Chemical Engineering, Dissertation Title: Elucidating mechanisms of acetylcarnitine metabolism in mammalian cells

Weihua Hu • Computer Science, Dissertation Title: On the Predictive Power of Graph Neural Networks

Yaoqi Huang • Chemical Engineering, Dissertation Title: *Formation and separation mechanics of droplet interface bilayers*

Sarah Mei Hull • Chemical Engineering, Dissertation Title: Crosslinking strategies for 3D bioprinting of engineered hydrogels

Stevan Jeknic • Bioengineering, Dissertation Title: Development of a live-cell HIF-1a reporter and characterization of single-cell HIF-1a signaling

Daniel Kang • Computer Science, Dissertation Title: *Efficient and* Accurate Systems for Querying Unstructured Data

Kristjan Eerik Kaseniit • Bioengineering, Dissertation Title: Modular and programmable molecular sensors for cell types and states

Sooyeol Kim • Civil and Environmental Engineering, Dissertation Title: Optimizing Application Of Wastewater-Based Epidemiology For SARS-COV-2 At Various Scales Of Operation

Yilong Li • Computer Science, Dissertation Title: *Efficient Shuffle for Flash Burst Computing*

Zihan Lin • Computational and Mathematical Engineering, Dissertation Title: *Essays on machine learning and price impact in institutional finance*

Zheng Lyu • Electrical Engineering, Dissertation Title: *Physics-based imaging system simulation: validation and applications*

Kristen Matsuno • Mechanical Engineering, Dissertation Title: Compressibility, variable density and curvature effects on turbulent shear layers

David Carrington Motley • Management Science and Engineering, Dissertation Title: *Managing External and Internal Change: Lessons From Entrepreneurship*

Ileana Pirozzi • Bioengineering, Dissertation Title: *Biomimetic Design for Advanced Heart Failure Technologies*

Elliot Harris Ransom • Aeronautics and Astronautics, Dissertation Title: *Design and Manufacture of a 3-D Smart Skin for Non-Developable Geometries*

Shaked Regev • Computational and Mathematical Engineering, Dissertation Title: *Preconditioning Techniques for Sparse Linear Systems*

Alexander Carlton Rucker • Electrical Engineering, Dissertation Title: *Towards Irregular Computation on Regular Dataflow*

Vighnesh Sachidananda • Electrical Engineering, Dissertation Title: Scheduling and Autoscaling Methods for Low Latency Applications **Vinayak Sachidananda** • Electrical Engineering, Dissertation Title: Inner Product Matrix Algorithms for Transfer and Adaptation of Language Representations

Millie Aila Salvato • Mechanical Engineering, Dissertation Title: Data-driven methods for improving social interaction in virtual environments

Jingwei Shi • Chemical Engineering, Dissertation Title: Developing New Chemistries And Applications In Molecular Layer Deposition Nian Si • Management Science and Engineering, Dissertation Title: Essays on Trustworthy Data-Driven Decision Making

Hrishikesh Srinivas • Electrical Engineering, Dissertation Title: New Design Paradigms for Long-Haul Optical Fiber Communication Systems

Siew Ting Melissa Tan • Materials Science and Engineering, Dissertation Title: Organic Mixed Ionic Electronic Conductors for Electrochemical Devices

Pulkit Tandon • Electrical Engineering, Dissertation Title: Compression along the Visual Pipeline

Ella Ainsley Thomson • Electrical Engineering, Dissertation Title: *Advances Towards the Development of an Artificial Pancreas*

Emine Meltem Tolunay • Electrical Engineering, Dissertation Title: Leveraging near-term quantum computing for spin chemistry and combinatorial optimization

Zikang Tong • Electrical Engineering, Dissertation Title: Semiconductor Technology and Circuit Techniques for High-Performance MHz-Range Power Converters

Yawen Wang • Electrical Engineering, Dissertation Title: *†Improving* Cloud Efficiency with Online Learning

Zhecheng Wang • Civil and Environmental Engineering, Dissertation Title: *Energy Atlas: Machine-Learning-Based Mapping and Analysis for Sustainable Energy and Urban Systems*

Lantao Yu • Computer Science, Dissertation Title: Data-Driven Sequential Decision Making with Deep Probabilistic Modeling

Anni Zhang • Chemical Engineering, Dissertation Title: *The Stresses* and Forces of Particle Suspensions in Viscoelastic Shear Flow **Keyi Zhang** • Computer Science, Dissertation Title: *Source-level*

debugging for hardware generator frameworks

Chenzhuo Zhu • Electrical Engineering, Dissertation Title: Application-Specific Software Defined Memory

Doctor of Philosophy DEGREES CONFERRED APRIL 6, 2023

Spenser Lamont Anderson • Aeronautics and Astronautics, Dissertation Title: *Clustering Approaches for Faster Nonlinear Projection-Based Model Order Reduction*

Connor Scott Bailey • Electrical Engineering, Dissertation Title: *Realizing Ultralow-Leakage Monolayer and Highly P-Type Bilayer Transition Metal Dichalcogenide Transistors*

Kihiro Bando • Aeronautics and Astronautics, Dissertation Title: *Towards high-performance discontinuous Galerkin simulations of reacting flows using Legion*

Ilai Bistritz • Electrical Engineering, Dissertation Title: *Think Globally - Act Locally: Scalable Networked Artificial Intelligence*

Emeric Stephane Boigne • Mechanical Engineering, Dissertation Title: *Study of wildfire and biomass combustion physics using X-ray computed tomography*

Mackenzie Leigh Carlson • Bioengineering, Dissertation Title: Development, Evaluation, and Translation of Novel Neuroimaging Probes and Techniques to Investigate Neurodegenerative Diseases Settasit Chaikasetsin • Mechanical Engineering, Dissertation Title: Thin Film Applications for Energy Storage

Michelle Ellen Chen • Materials Science and Engineering, Dissertation Title: Boron Nitride and Graphene for Thermal Management: From Fundamentals to Devices **Ehsan Dadgar-Kiani** • Bioengineering, Dissertation Title: Uncovering the connectomic and functional components of neurodegenerative disease spread using dynamic network modeling

Jean De Becdelievre • Aeronautics and Astronautics, Dissertation Title: Aerospace Vehicle Design with Bayesian Collaborative Optimization

Conor Doherty • Civil and Environmental Engineering, Dissertation Title: *Data-Driven Methods for Characterizing Temporal Variation in Agricultural Water Use*

Devi Sribala Ganapathi • Materials Science and Engineering, Dissertation Title: *Data-Driven Diagnosis of Lithium-ion Battery Degradation Under Realistic Usage Conditions*

Ahmad Ghalayini • Electrical Engineering, Dissertation Title: Using Synchronized Clocks to Improve Temporal Fairness, Congestion Control, and Load Balancing in Datacenter Networks

Konrad Andrzej Goc • Aeronautics and Astronautics, Dissertation Title: *Towards Certification by Analysis: Large-Eddy Simulations of Commercial Aircraft Across the Flight Envelope*

Jack Guo • Mechanical Engineering, Dissertation Title: *Study* of Wall-bounded Turbulent Heat Transfer and Flow Dynamics at Transcritical Conditions

Yun Hong • Management Science and Engineering, Dissertation Title: *Project Recon: A Computational Framework for and Analysis of the California Parole Hearing System*

Prachee Jain • Management Science and Engineering, Dissertation Title: *The Yellow Brick Road to Artificial Intelligence: An Empirical study of developers developing artificial intelligent conversational socialbots*

Soyeon Jung • Aeronautics and Astronautics, Dissertation Title: *Probabilistic Modeling of Air and Ground Vehicle Trajectories*

Elissa Ann Klopfer • Materials Science and Engineering, Dissertation Title: *Dynamic Wavefront Shaping with High-Quality-Factor Resonant Metasurfaces*

Simon Pierre Marie Le Cleach • Mechanical Engineering, Dissertation Title: Composable optimization for robotics simulation and control.

Nayeun Lee • Materials Science and Engineering, Dissertation Title: Nanophotonics enhanced optoelectronic devices: from photovoltaics to imaging

Megan Eileen Leszczynski • Computer Science, Dissertation Title: *Exploiting Structured Data for Robust and Adaptable Natural Language Representations*

Mengxi Li • Electrical Engineering, Dissertation Title: *Learning to Adapt for Intelligent Robot Behavior*

Scott Alden Longwell • Bioengineering, Dissertation Title: Hardware and Software Tools to Enable the Study of Sequence-Function Relationships

Connor Hayakawa Ludwig • Bioengineering, Dissertation Title: High-throughput and Single-cell Methods for Measuring Gene Expression and Chromatin Modification Changes Produced by Viral Proteins in Human Cells

Walter Thomas Maier • Aeronautics and Astronautics, Dissertation Title: A Discrete Adjoint Framework for Turbulent Hypersonic Flows in Thermochemical Nonequilibrium

Andrea Marcovati • Mechanical Engineering, Dissertation Title: Dynamics Of Rotating Structures In A Magnetized Plasma Discharge

Jorge Luis Meraz • Civil and Environmental Engineering, Dissertation Title: Overcoming the limits of methane bioconversion: Computational tools for the industrialization of polyhydroxybutyrate (PHB) from methane

Bennet E. Meyers-Im • Electrical Engineering, Dissertation Title: A Framework for Signal Decomposition with Applications to Solar Energy Generation

Takatoki Migimatsu • Computer Science, Dissertation Title: *Long Horizon Planning in the Real World* **Suraj Nair** • Computer Science, Dissertation Title: Scaling Deep Robotic Learning to Broad Real-World Data

Ankita Nayak • Electrical Engineering, Dissertation Title: *Improving Energy Efficiency For CGRA Architectures*

Rui Ning • Materials Science and Engineering, Dissertation Title: Silicon Nanowires Devices in Energy and Environmental Applications

Akshay Laxman Patil • Civil and Environmental Engineering, Dissertation Title: *Direct numerical simulations of wave-current interactions over bumpy walls*

Christopher Perez • Mechanical Engineering, Dissertation Title: Ultrafast Electro-Thermal Transport Through Nanoscale Electronic Materials and Interfaces

Evgenya Pergament · Electrical Engineering, Dissertation Title: *Fine-Grained Importance for Perceptual Video Compression*

Davis Winston Rempe • Computer Science, Dissertation Title: Learned Motion Models for the Perception and Generation of Dynamic Humans and Objects

William Riedel • Mechanical Engineering, Dissertation Title: Interpenetration and Kinetic Mix in Weakly Collisional, Fully-ionized Plasma Jets

Paul Edward Rudnicki • Chemical Engineering, Dissertation Title: Morphology, stability, and kinetics at the lithium-electrolyte interface

Camilo Andres Ruiz • Bioengineering, Dissertation Title: Empowering machine learning systems for drug discovery with mechanistic biological knowledge

Geet Sethi • Computer Science, Dissertation Title: Data-Driven Statistical Sharding for Industry-Scale Neural Recommendation

Alexis Jane Seymour • Bioengineering, Dissertation Title: *Designing Cell-Instructive Granular Inks for 3D Bioprinting*

Dean W. Su • Mechanical Engineering, Dissertation Title: *Line Mixing Studies of Diatomic Rovibrational Fundamental Bands in the Infrared*

Siyi Tang • Electrical Engineering, Dissertation Title: *Improving deep learning for medical time series data by modeling multidimensional dependencies*

Lauren Vallez • Mechanical Engineering, Dissertation Title: Component Optimization for Electrochemical Water Oxidation to Hydrogen Peroxide

Jacob Roy West • Mechanical Engineering, Dissertation Title: Flow Physics of Radiatively Heated Particle-Laden Channel Flow and Simulation Methods for Shock-Driven Problems in Materials with Strength

Matthew Benjamin Willis • Aeronautics and Astronautics, Dissertation Title: Analytical Theory of Satellite Relative Motion with Applications to Autonomous Navigation and Control

Yecun Wu • Electrical Engineering, Dissertation Title: Understanding the interactions of 2D materials and guest species for quantum and energy applications

Yu Xu • Bioengineering, Dissertation Title: *Computer-aided Highthroughput Screening for the Discovery of GPCR Biased Ligands*

Young Ro Yi • Civil and Environmental Engineering, Dissertation Title: Underlying physics of mixing efficiency of stably stratified turbulence

Tian Zhao • Electrical Engineering, Dissertation Title: *Compiling Deep Learning Kernels To Locality-Aware Dataflow*

میلی Doctor of Philosophy

DEGREE CANDIDATES, JUNE 18, 2023

Maxwell Harrison Stoller Allman • Management Science and Engineering, Dissertation Title: *Market Design for Non-Profit Applications*

Jaime E. Aviles Acosta • Materials Science and Engineering, Dissertation Title: Operando Measurements, Reactor Design, and Kinetic Analyses for Electrochemical CO2 Reduction

Hudson Randal Ayers • Electrical Engineering, Dissertation Title: *Making Small Embedded Systems Secure and Dependable*

Eylul Bilgin • Aeronautics and Astronautics, Dissertation Title: On The Theory Of Wall Bounded Turbulence: With Applications To The Problem Of Viscous Drag Determination For Flows Over Smooth And Rough Walls

Karl Benedikt Buenz • Computer Science, Dissertation Title: Improving the Privacy, Scalability, and Ecological Impact of Blockchains

Jonathan Elias Calles • Bioengineering, Dissertation Title: Engineering genetic codes to control the evolution of so-encoded biological systems

Aldo Gael Carranza • Computational and Mathematical Engineering, Dissertation Title: *Privacy and Efficiency in Personalized Decision-Making and Recommendation*

Charalampos-S Charitsis • Electrical Engineering, Dissertation Title: Machine Learning and Natural Language Processing for Code Quality Analysis in Introductory Programming Courses

Yining Chen • Computer Science, Dissertation Title: *Principled algorithms for domain adaptation and generalization*

Laura Kathryn Clark • Civil and Environmental Engineering, Dissertation Title: Settling and Dispersion of Inertial Non-Spherical Particles in Wavy Flow

Alissa Christine Cooperman • Civil and Environmental Engineering, Dissertation Title: A Systematic Study of Meetings in AEC/FM from the Language/Action Perspective

Caitlin Rose Cuan • Mechanical Engineering, Dissertation Title: Compelling Robot Behaviors through Supervised Learning and Choreorobotics

Tri Dao Phuc Quang · Computer Science, Dissertation Title: Hardware-aware algorithms for efficient machine learning

Yiqing Ding • Mechanical Engineering, Dissertation Title: A Customer Journey Mapping Framework With Mobile Application

Brian Huynh Do • Mechanical Engineering, Dissertation Title: Design and Modeling of Variable Stiffness and Shape-Changing Robots

David Doan • Mechanical Engineering, Dissertation Title: *Achieving* order with two-photon lithography: colloidal self-assembly and direct laser writing

Lawrence Domingo • Mechanical Engineering, Dissertation Title: Influence of Process and Media Interventions in Remote Creative Design Team Collaboration

Qian Dong • Electrical Engineering, Dissertation Title: *PETcoil: A* Second-Generation RF-Penetrable TOF-PET Insert For Simultaneous Brain PET/MRI

Omar Ahmed ElSayed Rashad ElSafty • Mechanical Engineering, Dissertation Title: *Biomechanics of Impact Injuries and Sensory Perception of Human Skin*

Tolga Ergen • Electrical Engineering, Dissertation Title: *Convex Optimization for Neural Networks*

Lingling Fan • Electrical Engineering, Dissertation Title: Photonic Frequency Engineering For Efficient Thermal Energy and Computation Hardware

Huaxin Gong • Chemical Engineering, Dissertation Title: *Synthesis* and *Applications of Flower-like Polyacrylonitrile (PAN)* and *PANderived Carbon Superstructures* **Albert Gu** • Computer Science, Dissertation Title: *Modeling* Sequences with Structured State Spaces

Shubh Gupta • Electrical Engineering, Dissertation Title: *High-Integrity Urban Localization: Bringing Safety in Aviation to Autonomous Driving*

Sougata Hazra • Mechanical Engineering, Dissertation Title: *Novel Thermal Management Solutions for Extreme Heat Flux Cooling*

Bryan Dawei He • Computer Science, Dissertation Title: Development and Deployment of Machine Learning in Medicine

David Heydari • Electrical Engineering, Dissertation Title: *Electric-field induced nonlinear optics in CMOS silicon nanophotonic waveguides*

Jennifer Hofmann • Chemical Engineering, Dissertation Title: *Biofidelic colloidal interactions: advanced computational representation and impacts on cellular biology*

Sarah Mcllwaine Hooper • Electrical Engineering, Dissertation Title: Label-Efficient Machine Learning for Medical Image Analysis

Christopher Richard Hoyt • Computational and Mathematical Engineering, Dissertation Title: *Statistical Explorations of Deterministic Functions*

Fei Huang • Electrical Engineering, Dissertation Title: *Zirconium*-Doped Hafnium Oxide Based Ferroelectric Materials For Memory Applications

Zhuojun Huang • Materials Science and Engineering, Dissertation Title: *Polymer Materials Design for Lithium Batteries*

Qiuye Jia • Computational and Mathematical Engineering, Dissertation Title: *Applications of Microlocal Analysis in General Relativity and Inverse Problems*

Daniel Scott Johnson • Computer Science, Dissertation Title: Addressing Discontinuous Root-Finding for Subsequent Differentiability in Machine Learning, Inverse Problems, and Control

Ali Kashefi • Civil and Environmental Engineering, Dissertation Title: Deep Learning Algorithms for Computational Mechanics on Irregular Geometries

Sydney Michelle Katz • Aeronautics and Astronautics, Dissertation Title: Safe Machine Learning-Based Perception via Closed-Loop Analysis

Andrew Hyunwoo Kim • Civil and Environmental Engineering, Dissertation Title: Advancing Resource Recovery Following Anaerobic Secondary Treatment of Domestic Wastewater

Sang Cheol Kim • Materials Science and Engineering, Dissertation Title: *Probing and Designing Electrolyte Solvation in Lithium Batteries*

Peter Kraft • Computer Science, Dissertation Title: *Abstractions for Stateful Scalable Cloud Applications*

Brooke Lee Krajancich • Electrical Engineering, Dissertation Title: *Towards Perceptually Realistic Gaze-contingent Virtual and Augmented Reality Displays*

Sumith Kulal • Computer Science, Dissertation Title: *Visual Content Creation and Editing via Structural and Functional Hierarchies.*

Ananya Kumar • Computer Science, Dissertation Title: *Foundation Models for Robust Machine Learning*

Andrey Kurenkov • Computer Science, Dissertation Title: Manipulation and Reasoning Methods for Embodied Object Search

Abisola Coretta Kusimo • Mechanical Engineering, Dissertation Title: *Re-engineering Pathways into Technical Work: An Ethnography* of Occupational Mobility for Economic Development

Jessica Therese Lauzon • Aeronautics and Astronautics, Dissertation Title: *An Analysis of Projection-Based Reduced Order Models and Their Application to Supersonic Flows*

Mina Lee • Computer Science, Dissertation Title: *Designing and Evaluating Language Models for Human Interaction*

Yan Joe Lee • Materials Science and Engineering, Dissertation Title: Nanophotonics with 2D Semiconductors: Enhanced and Tunable Light-Matter Interactions **Ke Lei** • Electrical Engineering, Dissertation Title: *Automating and Accelerating Magnetic Resonance Imaging*

Jiachen Li • Materials Science and Engineering, Dissertation Title: Electroreduction of High-Pressure CO2 to Fuels and Chemicals

Ningrui Li • Electrical Engineering, Dissertation Title: *Through thick* and thin: improved transcranial focused ultrasound transmission estimates with acoustic simulation and magnetic resonance imaging **Qian Li** • Computer Science, Dissertation Title: *Abstractions for Efficient and Reliable Serverless Computing*

Qing Lin • Electrical Engineering, Dissertation Title: *Leakage Current Characterization and Projection in Carbon Nanotube Transistors*

Evan Zheran Liu • Computer Science, Dissertation Title: *Meta-Reinforcement Learning: Algorithms and Applications*

Jingxiao Liu • Civil and Environmental Engineering, Dissertation Title: Accurate and Scalable Bridge Health Monitoring Using Drive-by Vehicle Vibrations

Thomas Michael Lozanoski • Bioengineering, Dissertation Title: Widespread Capacity for Conformational Memory in the Human Proteome

Qianyun Lu • Electrical Engineering, Dissertation Title: *tinyML* Computer Vision Using Coarsely-Quantized Log-Gradient Input Images

Weiyun Ma • Computer Science, Dissertation Title: *Correlation Clustering at Scale*

Katherine Leigh Mentzer • Computational and Mathematical Engineering, Dissertation Title: *Student Assignment Design for the San Francisco Unified School District*

Mark Roman Miller • Computer Science, Dissertation Title: Virtual Reality Tracking Data: Insights, Risks, Opportunities

Jesse L. Mu • Computer Science, Dissertation Title: *Operationalizing Language for Machine Learning: Supervision, Interpretation, and Communication*

Eley Ng • Mechanical Engineering, Dissertation Title: *Long-Horizon Prediction for Human-Robot Collaboration*

Solomon Tolulope Oyakhire • Chemical Engineering, Dissertation Title: *Surface science for improved lithium metal batteries*

Joseph M. Paggi • Computer Science, Dissertation Title: *Integrating structure- and ligand-based modeling in drug discovery*

Benjamin Ezra Parks • Computer Science, Dissertation Title: *Scaling Single Cell Genomics Analysis to Millions of Cells*

Marsie Trego Peterson • Mechanical Engineering, Dissertation Title: *Exploiting Linearity to Precisely Control a Vehicle about an Unstable Equilibrium*

Mingda Qiao • Computer Science, Dissertation Title: New Perspectives on Online Prediction and Decision Making

Javier Sagastuy Brena • Computational and Mathematical Engineering, Dissertation Title: *Neural Networks as Models of the Brain: Insights on Biological Learning Rules, Limiting Dynamics of Training and Model-Brain Comparison*

Ahmed Mohamed Naguib Abdelsamea Sawaby • Electrical Engineering, Dissertation Title: *Enabling Wireless Low-power Ultrasound Imaging Systems for Implantable and Wearable Applications*

Erica Leigh Schwarz • Bioengineering, Dissertation Title: Computational Modeling of Tissue-Engineered Vascular Grafts

Ryan Thomas Searcy • Civil and Environmental Engineering, Dissertation Title: The Coast Is Clear: Data Science And Observational Techniques To Assess The Health Of Coastal Aquatic Environments

Filip Simeski • Mechanical Engineering, Dissertation Title: Molecular Simulations of Adsorption, Phase Behavior, and Reactivity in Subsurface Fluid-Solid Systems

Bruce A. Spang • Computer Science, Dissertation Title: *Making video traffic a friendlier internet neighbor*

Trevor Scott Standley • Computer Science, Dissertation Title: *Multitask Learning for Object Understanding* **Edward Sun** • Mechanical Engineering, Dissertation Title: *Transformations of Methane and Carbon Dioxide to Chemical Feedstocks, Fuels, and Materials*

Alp Mehmet Sunol • Chemical Engineering, Dissertation Title: *Physics-based computational modeling of cytoplasmic dynamics in bacterial cells*

Tushar Swamy • Electrical Engineering, Dissertation Title: *Towards AI-Driven Networks: Hardware and Software for Data-Plane ML*

Alexander Tamkin • Computer Science, Dissertation Title: Foundation Models for the Real World

Lyne Tchapmi Petse • Electrical Engineering, Dissertation Title: *Modeling Virtual Environments 3D Assets from Visual Inputs*

Ian Andrew Paul Thompson • Electrical Engineering, Dissertation Title: *Expanding the Capabilities of Biosensors with Novel Molecular Switches*

Victor Tieu • Bioengineering, Dissertation Title: A versatile CRISPR/ Cas13d-based platform for multiplexed transcriptomic regulation in primary human T cells

Mohit Tiwari • Computer Science, Dissertation Title: *Accelerating Machine Learning Algorithms with Adaptive Sampling*

Maneekwan Toyungyernsub • Mechanical Engineering, Dissertation Title: *Spatiotemporal Occupancy Prediction for Autonomous Driving*

Avin Veerakumar • Bioengineering, Dissertation Title: *Molecular identification of neural circuits controlling vocalization and cardiopulmonary physiology*

Kabir Aladin Verchand • Electrical Engineering, Dissertation Title: Some results in high dimensional statistics: Iterative algorithms and regression with missing data

Gustavo Vianna Cezar • Civil and Environmental Engineering, Dissertation Title: *Powernet: A cloud-based environment for behindthe-meter resources coordination* **Amy Wang** • Chemical Engineering, Dissertation Title: *Mechanisms Of The Force-Dependent Interactions Between The Cadherin-Catenin Complex And F-Actin*

Gradey Wang • Mechanical Engineering, Dissertation Title: *Laser Path Optimization Strategies for Laser Powder Bed Fusion*

Julia Isabel White • Electrical Engineering, Dissertation Title: Contextual Grounding in Human-Computer Dialogue

Xiang Wu • Materials Science and Engineering, Dissertation Title: Seeing the sound: materials-enabled deep-tissue light delivery and neuromodulation

Huanzhong Xu • Computational and Mathematical Engineering, Dissertation Title: *MCMC with Substitutions and Multi-armed Bandits with Covariates: Theory and Applications*

Zan Xu • Aeronautics and Astronautics, Dissertation Title: *Scalable Hierarchical High-order CFD Solvers for Future Exascale Architectures*

Lisa Yamada • Electrical Engineering, Dissertation Title: *A* compression-enabled approach to analyze seizures for people with refractory epilepsy

Josiah Yarbrough • Chemical Engineering, Dissertation Title: Investigating The Use Of Small Molecule Inhibitors For Area-Selective Atomic Layer Deposition

Zewen Zhang • Materials Science and Engineering, Dissertation Title: resolving and understanding battery interfaces and nanoscale heterogeneities

Yuanjia Zhu • Bioengineering, Dissertation Title: Mechanical and Biomaterials Engineering Optimization of Complex Cardiovascular Operations and Innovative Therapeutics

Jia Zhuang • Electrical Engineering, Dissertation Title: *The High Frequency Optimization of the Wide Bandgap Power Devices*

Melissa Arin Zirps • Civil and Environmental Engineering, Dissertation Title: *Sustainable Management and Deterioration Modeling of Reinforced Concrete*

School of Humanities and Sciences

Debra Satz, Dean

Bachelor of Arts DEGREES CONFERRED SEPTEMBER 29, 2022

N Natalie Adams-Menendez • International Relations, Departmental Honors Program, with Distinction Isabel Taylor Benak • Art History, Departmental Honors Program Ashley Caitlin Bender • International Relations Claudia Andrea Bobadilla • International Relations Dahkota Kicking Bear Brown • Theater and Performance Studies **Omar Rafik El-Sabrout** • Comparative Literature Meley T. Habtegiorgis • Psychology Lena Angela Han • Economics, with Distinction Julia Victoria Heymach • Economics Taehwa Hong • International Relations, with Distinction Tonva Larie Jackson • Anthropology Tangaloa Ikimana Kaufusi • Sociology Julia Eunjee Kwak • International Relations Natalie Maria Longmire-Kulis • International Relations, with Distinction Andrew Gordon Monroe • Sociology Lauren Rae Navarro • Psychology Riley Ruth Seow • Comparative Literature Kaden Nelson Smith • Political Science Samantha Kyra Alixis Thompson • Political Science, Interdisciplinary Honors Program in International Security Studies Tobe Chuka Umerah • Human Biology Real Marshall Ray Woods • Psychology Jiahe Yang • Economics, Departmental Honors Program Linda Zhou • East Asian Studies, Departmental Honors Program

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Bachelor of Arts DEGREES CONFERRED JANUARY 12, 2023

Hanan Abdulkareem Al-surmi • Film and Media Studies Fahdah Ali AlSubaihin • Economics Munira A. Alimire • Urban Studies Analaura Amezquita Calam • International Relations Grace Erin Barket • Public Policy Hadassah Betapudi • Political Science, Departmental Honors Program Ethan Kelly Bonner • Economics Cuiping Cai • Economics Crystal Grace Chen • Economics Hannah Lee Choi • Psychology and Music, Departmental Honors Program, with Distinction Cassidy Elizabeth Cobb • Urban Studies Katherine Elizabeth Cressey • Psychology Ariana Davarpanah • Political Science, with Distinction Jean-Luc Delony-Robert • Art History Aeneas Marc Antony DiCosmo • Film and Media Studies Hunter Thomas Dickey • Political Science Matthew Jake Dinaburg • Film and Media Studies

Caifang Du • English

Jacob Bradley Eisenach • Economics Elizabeth Pauline Fox • Philosophy, Interdisciplinary Honors Program in the Arts Alexander Friedman • History Joaquin Nicholas Garcia • Economics Sergio Garcia Becerra • Political Science Siddharth Gehlaut • Economics Julia M. Gordon • English, Departmental Honors Program Stephen Antwine Herron • American Studies Jake Michael Hornibrook • Science, Technology, and Society Keegan Monroe Hughes • Political Science Alec Bryan Janowski • Economics Saachi Jhandi • Psychology Arman Kassam • History, Departmental Honors Program, with Distinction Maria Dantina Kent • Religious Studies Sarah Seungju Kim • Science, Technology, and Society Peter Raymond Knowles • Psychology Asa Rose Kohrman • History Lucas Benjamin Lawrence • Feminist, Gender, and Sexuality Studies, Departmental Honors Program Kevin Li • Public Policy, with Distinction Crystal J. Liu • Comparative Studies in Race and Ethnicity Christina A. Macintosh • English, Interdisciplinary Honors Program in the Arts, with Distinction Jonathan James Mcgill • Communication Nathaniel Raghunandanan Menon • Political Science and Psychology Frederic Robert Miezan • Sociology Bud James Nelson • International Relations Drake Johnathon Nugent • Science, Technology, and Society Rachel Ochoa • International Relations Leily Rezvani • Human Biology Christopher Charles Rilling • Economics Ricky Mark Rodriguez • Political Science Connor William Rokos • Political Science Medora Evelyn Rorick • Archaeology Carson Matthew Rudd • Economics Eleanor Allen Schroeder • Political Science, Departmental Honors Program Jay Patrick Symonds • Human Biology Keegan Kelly Tingey • Economics Brycen Henry Tremayne • Economics Diego Alejandro Villamizar • French Hannah Elaine Walton • English Naixin Wang • Anthropology Anthony David Weng • Economics, with Distinction Eric Xu • Economics Katherine A. Zhou • Philosophy

Every effort has been made to ensure the accuracy of the online graduate candidate listings. However, listing online does not guarantee that a degree has been or will be awarded. Confirmation of degrees awarded can be requested from the Office of the University Registrar after June 18, 2023. This document is intended as a souvenir from the Stanford University Commencement ceremony and one time publication. Contact the Office of the University Registrar in the event of any questions about a listing. Any other use, or dissemination, without permission is prohibited. © Stanford University 2023. All rights reserved.

No.

Bachelor of Arts

DEGREES CONFERRED APRIL 6, 2023 Parker Amoroso • Economics and History Ariel Axelrod • Anthropology, with Distinction William Harrison Beasley • Economics Nashira Black • Sociology Colby Matthew Bowman • Science, Technology, and Society Micheal Damon Brown • African and African American Studies, Departmental Honors Program Morgan H. Canaan • English, Departmental Honors Program Angela Marie Casarez • Human Biology Sophia Chen • Political Science Rachel L. D'Agui • Philosophy Arielle Marina DeVito • English, Departmental Honors Program Andre Marcel Fernandez • Economics Hongyu Ge • Economics and Political Science Joshua Aaron Gross • Economics Iris Raheema Haik • International Relations Nazjaa A. Hughson • Psychology Zora B. Ilunga-Reed • Philosophy Ji Anne Kang • Communication Claudia Maria Kania • Political Science Jason Bowen Kaul • Psychology Pranavi Kethanaboyina • Public Policy Araliz Ledesma-Mendoza • Human Biology and Psychology Jay Lee • Economics Sol Aurelia Martinez • American Studies, Departmental Honors Program Kevia Kiera McComb • International Relations, with Distinction Max Hunter Mckhann • Economics Maxwell James Meier • Science, Technology, and Society Justin Richard Portela • English Armaan Rashid • Comparative Literature Will Frank Roberts • Economics, with Distinction Cynthia Elnora-Jaimi Salone • Theater and Performance Studies Rafeea Suraj Tamboli · Economics Carly Ann Taylor • Comparative Literature, with Distinction Sawyer A. Taylor • Economics Miriam E. Wallstrom • Political Science Jean Ji Woo Yi • Human Biology Lindsay Marie Young • International Relations Sophia Ann Zamoyski • Psychology Dongming Zhang • Comparative Literature, with Distinction

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Bachelor of Arts

DEGREE CANDIDATES, JUNE 18, 2023 Nicolas Addison • Political Science and Psychology Adia Adeogba • Communication Carlo Romeo Cesare Agostinelli • International Relations Paloma Maia Aisenberg • Theater and Performance Studies Madison Marie Ambroise • Human Biology Liam Anderson • Public Policy, Departmental Honors Program, with Distinction Koloikeao Honuaiakea Anthony • English Bradley Curtis Archer • Science, Technology, and Society Allison Argueta • Psychology and Economics, Departmental Honors Program

Jonathan Arnold • International Relations

Kamilah Nicalli Arteaga • Comparative Studies in Race and Ethnicity Anthony Jade Arya • Political Science Avaan Asthana • Economics Malaysia Chantel Atwater • Political Science, with Distinction Luke C. Babbitt • Political Science, Interdisciplinary Honors Program in Feminist, Gender, and Sexuality Studies Grace Smita Kaur Bagga • Psychology Leah Eliza Balter • Human Biology, Departmental Honors Program Zoe Barley • Psychology, with Distinction Holly J. Baron • Anthropology Saray Bedoya • International Relations, with Distinction Neal Matthew Begovich • Economics Pamela Beltran-Mayen • Political Science and Comparative Studies in Race and Ethnicity **Eric Reymundo Benitez** • Political Science, Departmental Honors Program Oriana M. Bennett • Psychology Hannah Yael Berke • Psychology Harry Samuel Bernholz • Economics Marie Estelle Bland • Film and Media Studies Daniel Patrick Boatman • Music Ella Grace Booker • Human Biology **Ousseni Bouda** • International Relations Micavla Chelsea Bozeman • Political Science Erick Adrian Bravo • Public Policy Alexandros Timotheos Tsilimidos Brice • Economics and English Drakos Huaka Gregory Brown • Economics, Departmental Honors Program Zoe Penelope Brownwood • Comparative Studies in Race and Ethnicity Anthony Thien Bui • Classics Katherine Elizabeth Buntic • English and Theater and Performance Studies Haniyah N. Burney • Human Biology, Departmental Honors Program Takudzwa Adelino Adelino Caitano • Economics Camilla Camargo • Public Policy Gema Quetzal Cardenas • Comparative Studies in Race and Ethnicity Kelsey Hope Carido • International Relations, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Madeline Claire Casas • Comparative Literature Sean Patrick Casey • Economics, Departmental Honors Program, with Distinction Stephanie Castaneda Perez • History, Departmental Honors Program Danae Angelyn Cave • African and African American Studies Lukas Ryusei Chao • Philosophy Alexandra J. Chau • International Relations Anna Chavez • Public Policy Casie Chavez • International Relations Ana Chen • International Relations, Departmental Honors Program, Interdisciplinary Honors Program in the Arts Xingyu Chi • Political Science and Psychology Victoria Sampors Chiek • Anthropology, Departmental Honors Program Kaitlyn Gina Choe • Human Biology Aiden Jae Choi • Human Biology Lindsey B. Chou • Asian American Studies and Psychology, with Distinction

Warren Erdal Christopher • Economics, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law, with Distinction Samantha Marie Perez Churovich • Human Biology Ryan Paul Cieslikowski • International Relations Nicholas Kennedy Clark • Classics Joey Christopher Clough • Linguistics and German Studies Scarleth Juliete Contreras Cruz • Philosophy and History Jackson Mitchell Cooper • Film and Media Studies Neil Francis Cordinglev • Psychology Sarah Lewis Crable • International Relations Kira Elizabeth Crage • Human Biology Gabrielle M. Crooks • International Relations, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Sean Joseph Crowley • Classics and Archaeology Isabella Noor Cuevas • Comparative Literature Meredith Cooper Cummings • Psychology Abeer Dahiya • Economics Nathan Paul Dalva-Baird • Economics, with Distinction Levani Hengehenga Damuni • Science, Technology, and Society Melissa Daniel • Economics Isaiah Max Dawid • French, Departmental Honors Program Yearim Jared De Leon Morelos • Political Science Isabella Rhiannon De Vlieger • Human Biology Cole Weston Dill-DeSa • Political Science Edmond John Dilworth • Public Policy, Departmental Honors Program, with Distinction Patrick John Donohue • Economics Micaela Isabelle Dowe • Spanish Kathryn Keeley Dragone • Anthropology and Theater and Performance Studies, Departmental Honors Program, with Distinction Ellie Dunn • Sociology Matthew Michael Early • Linguistics, with Distinction Jennifer Ann Ehrlich • English, Departmental Honors Program, Interdisciplinary Honors Program in the Arts, with Distinction Mariam El Mansouri • Economics **Osadebamwen Gabriella Elaiho** • Human Biology Sarah Amr H Enany • Economics Bilen Nebiyou Essayas • Economics Fateemah Zuhra Faig • Linguistics Alysson Elizabeth Farris • Public Policy, Interdisciplinary Honors Program in Education Drew Nathaniel Feinman • English, with Distinction Jessica Ana Femenias • Philosophy and History, Departmental Honors Program **Oscar Figueroa** • Comparative Literature Sofie Zorica Finn Storan • International Relations, with Distinction Aria Brynn Fischer • English, with Distinction Madeleine Leigh Fischer • German Studies and Economics, with Distinction John Onsrud Fleming • Political Science Lily Marie Flynn • Economics, Departmental Honors Program Morgan Marjorie Foster • Political Science and Psychology, with Distinction Matthew Isaac Frank • Political Science Ban Fu • Art History Olivia Adriana Fu • Urban Studies, Departmental Honors Program, with Distinction Missy Fuentes Delgado • Comparative Studies in Race and Ethnicity

Zachary Gaber • Political Science and Economics

Micah Harry Galton • Psychology Chern Xun Gan • Political Science, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Rishab S. Gargeva • Philosophy. Interdisciplinary Honors Program in Ethics in Society Adrianna R. Garner • Art History Noah Stanford Geller • Philosophy Shannon Massey Gifford • History, with Distinction William Charles Golub • Economics Adrian Michelle Gonzalez • Urban Studies Valeria Gonzalez • Political Science Roberta Mayela Gonzalez-Marguez • Psychology, Departmental Honors Program Kayley Gould • English, Interdisciplinary Honors Program in Education, with Distinction Ella Johnson Gray • Human Biology, with Distinction Aaron Robert Greene • Economics Sarah Elaine Griffin • International Relations Parker Elizabeth Grove • International Relations Rodnev Elijah Guillaume • Economics Avi Gupta • Political Science, with Distinction Shana E. Hadi • English, Interdisciplinary Honors Program in the Arts George Penn Hagestad • Economics Darren Alan Hall • East Asian Studies, with Distinction Caroline Rose Hallee • Human Biology Jada Alana Hallman • Communication, with Distinction Natalie Evelyn Hampton • Psychology, Departmental Honors Program Jada Quinn Harris • Communication Sumayo Ahmed Hassan • Political Science Zheran He • English, Departmental Honors Program Danielle Shaye Healy • International Relations **Tara Hein** • Political Science, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law, with Distinction Hailee Ana Heinrich • Political Science and Communication Sara Nadia Hemmat • Human Biology Surya Hendry • Political Science Nicolle Korianna Hendzel • Music and International Relations Jacqueline Erin Henley • Political Science, Interdisciplinary Honors Program in International Security Studies Alana Victoria Hernandez • Human Biology and Comparative Studies in Race and Ethnicity Trenton Hicks • Political Science Andrew Hoagland • Economics Brandon Le Minh Hoang • International Relations, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Kieran Finlay Finstrom Hood • English and Theater and Performance Studies, Departmental Honors Program Darrow Emily Hornik • Spanish, with Distinction Tule Topping Horton • International Relations, with Distinction Cleopatra Anna Howell • Communication and Theater and Performance Studies Clarice Blanche Yong Nan Hu • Art Practice Dwight David Hua • Psychology, with Distinction **Peyton I. Hulsey** • English, Departmental Honors Program Eva Veanne Hwang • English, with Distinction Michelle Naomi Ibarra • Art Practice and Psychology, with Distinction Francisco Jose Irizarry • Linguistics

Virginia Guadalupe Isarraras • Psychology and Chicana/o -Latina/o Studies, Departmental Honors Program Stephanie Barnes Jackson • Political Science

Matthew Tyler Jacquez • Public Policy, with Distinction Kyra Rachel Jasper • History, Departmental Honors Program, with Distinction Leodson Standley Jean Baptiste • Sociology Lusha Jetley • Political Science and Economics Sophia S. Jin • Philosophy, with Distinction Jennifer Neda John • Human Biology, Departmental Honors Program, with Distinction Lauryn Sierra Johnson • International Relations Nicole Columbaro Johnson • Psychology, Departmental Honors Program Norris Chase Johnson • English Corazon A. Johnston • Science, Technology, and Society Maika Sato Jones • International Relations **Boaz Kaffman** • English Vedika Manish Kanchan • Psychology and Economics Timothy Nicholas Karoff • English Ananya Karthik • Political Science, Interdisciplinary Honors Program in Ethics in Society Kai Yoshiya Kato • International Relations, Interdisciplinary Honors Program in International Security Studies, with Distinction James Thomas Keefe • Economics Reese Davis Kennedy • History Melanie Marie Kessinger • English, Departmental Honors Program Ummara Khan • Economics Nietnimol Khay • Human Biology Zeena O. Khazendar • Human Biology, Departmental Honors Program Diane Khong • Comparative Studies in Race and Ethnicity, Interdisciplinary Honors Program in the Arts Annika Sophia Pauline Khouri • International Relations, with Distinction Kelly Sieun Kim • International Relations, with Distinction Sophia Hapunawaihuali Sweetie Kim-O'Sullivan • Comparative Studies in Race and Ethnicity, with Distinction Mátyás José Kisiday • History, Departmental Honors Program, with Distinction Akosua Tenkorama Kissi • Political Science and Psychology **Eugene Ko** • English and Art History Regina Kong • Comparative Literature and Art Practice, with Distinction Cass Michael Kramer • Linguistics Komal Kumar • Political Science Manasa Kumarappan • Political Science and Economics, **Departmental Honors Program** Evelyn Kuo • English Alyssa Rose LaTray • English Lee'Shae Arlene Lawson • African and African American Studies Gwyneth Phagnasay Le • International Relations, Departmental Honors Program Andres Sebastian Lee • International Relations Diego S. Lee • Political Science and Spanish Ethan Josh Lee • Political Science, Interdisciplinary Honors **Program in International Security Studies** Jessica Chen Lee • Art Practice, Interdisciplinary Honors Program in the Arts, with Distinction Lance Shee-Ah Lee • Public Policy Naheun Lee • Psychology Sarah Lee • Philosophy and Religious Studies, Interdisciplinary Honors Program in the Arts Sarah Lee • International Relations, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law, with Distinction

Sean Khang Lee • International Relations, Interdisciplinary Honors **Program in International Security Studies** Sarah Edwards Lehman • English, with Distinction Andrew Kevin Leonard • English Jocelyn C. Leuenberger • English, Departmental Honors Program Kastyn May Lie • English Gun Young Lim • Economics Jayden Ashley Lim • History and Comparative Studies in Race and Ethnicity Kaitlyn Ashley Lim • Science, Technology, and Society Andrew Lin • Philosophy, with Distinction Draven A. Little • Anthropology, Departmental Honors Program, with Distinction Tiffany Tinwen Liu • English, with Distinction Zimeng L. Liu • International Relations, Departmental Honors Program Sophie A. Lloyd-Hurwitz • Psychology, Departmental Honors Program, with Distinction Zachary Cooper Lo • Film and Media Studies, with Distinction Miranda Long • English Kezia Yemima Lopez • Linguistics Trevor James Louis • English Sophia M. Love • Economics Jessica She-yan Lu • Economics Martin Alexander Luna-Hernandez • Sociology Catherine Tian Luo • Economics Tianshu Luo • Economics Casey Lutnick • Human Biology Brandon Charles Ma • Political Science and Economics, with Distinction Leon Thomas MacAlister • Economics Paulo Victor Makalinao • Economics Anastasiia Malenko • Political Science and Economics, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Alexis Marlow Maltzman • English Olivia Jaclyn Manes • International Relations and Comparative Literature, with Distinction Faiza Manzoor • Psychology and International Relations Damian Drue Marlow • English, Departmental Honors Program Christian George Martin • Classics, Departmental Honors Program Jennifer April Martinez • Human Biology Mary Emily Martinez • Economics Xavier John Martinez • Economics, Departmental Honors Program Kye Angelo Masino • English Andrew Richard Matejka • History and Economics Christopher C. Maximos • Political Science, with Distinction Malia Claire Maxwell • English, Departmental Honors Program David Albert Mazouz • Economics Ethan J. McAvoy • Political Science, Interdisciplinary Honors Program in Ethics in Society Rebecca Paige McCabe • Communication Kamryn Lorenz McCondichie • Philosophy Jack Patrick McKinnon • Philosophy Adam Matthew McLean • Film and Media Studies, Interdisciplinary Honors Program in the Arts, with Distinction Jaymi Danielle McNabb • International Relations Nastaszia Victoria Mehring • Art History Caetano Nicholas Melone • Political Science Leilani Mendoza Honda • Sociology Drake Hudson Metcalf • Political Science

Kirsten Shaw Mettler • Political Science, Interdisciplinary Honors Program in Feminist, Gender, and Sexuality Studies Isabella Marie Meyn • Public Policy, Departmental Honors Program, with Distinction Sean Foster Michael • Economics, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Benjamin Midler • Psychology, Departmental Honors Program, with Distinction John Cole Mihaly • Economics Julia Lindsay Milani • History, Departmental Honors Program, with Distinction Griffin Drew Miller • Music Gabriel Rodrigues Miranda • Economics Mary Martha Mitchell • Spanish, with Distinction Amy Lynn Miyahara • Psychology, Departmental Honors Program, with Distinction Emily Mae Molins • Economics, with Distinction Akanksha Monga • Economics Sofia Eva Monroy • Film and Media Studies and English, with Distinction Sejal Sridhar Moosapeta • Political Science and Film and Media Studies Mauricio Morfin • Economics Ahmed Hamed Moutwakil • Human Biology, Departmental Honors Program Henry Russell Munger • English, with Distinction Marta Munte Carrasco • Economics Krystal E. Navarro • History, Departmental Honors Program Ethan Lawrence Ng • Psychology and Communication Ashley Nguyen • Comparative Studies in Race and Ethnicity Benjamin Tung Nguyen • Economics Reta Nissan • Economics Claudia Adoley Nmai • Sociology, Departmental Honors Program, with Distinction Roda Nour • Public Policy Michael O'Connell • Economics Sachin Oberoi • Psychology Erica May Naa Okaikor Okine • Psychology, Interdisciplinary Honors Program in Science, Technology, and Society Edwin Duc Deping Ong • Economics Zoe Alexandra Ong • Human Biology Harper Madeleine Orr • English Mary Iris Ostergren • Human Biology Katelyn Veronica Osuna • Psychology, Departmental Honors Program Camryn Uyen Pak • American Studies Sarah Elena Panzer • Art Practice, Departmental Honors Program Julia Park • Economics, Departmental Honors Program Rhiannon Harmony Stodden Parker • Economics Decker Michael Paulmeier • Philosophy Monica J. Pena-Aguilar • Psychology Patrick Gale Perez • American Studies Emma Nicole Perkins • Human Biology Briana Julian Perry • Psychology Katherine Rosa Peña Brown • International Relations Michaela Phan • Classics, Departmental Honors Program, with Distinction Ashley Lauren Phord-Toy • Political Science Aditi Pillai • Economics

Ashwin Suresh Pillai • Political Science and Philosophy, Interdisciplinary Honors Program in Ethics in Society, with Distinction Francesca Pinciroli • Economics Sarah Rae Pincus • History and Classics, Departmental Honors Program Victoria Rose Pollak • International Relations Veronica G. Pratt • Classics Maria Fatima Ptacek • Political Science Alicia Renee Purpur • Communication, with Distinction Samuel David Purtill • Philosophy Stephen Sharp Queener • International Relations, Departmental Honors Program, with Distinction Jocelyn Quintero • Comparative Studies in Race and Ethnicity Luis Silvestre Quiroga • International Relations John Raymond Rabe • Music and International Relations Kathryn Lidia Radziwonski • English, Departmental Honors Program Estefania Ramirez • International Relations Sabrina Raouf • Political Science Etienne Natalia Reche-Ley • Political Science Molly Carol Redgrove • Psychology Sydney Elizabeth Reese • Sociology Sofia Beatriz Restrepo • Human Biology Jazmin Reyes • Psychology Paisley Hemolele SuiLan Richards • Human Biology Daniel Ari Ritz • English, Interdisciplinary Honors Program in the Arts, with Distinction Elisa Arasely Rivas • Psychology Rachel E. Rivera • Public Policy Rizina • Philosophy Rayan Hasan Rizvi • Economics Tyah-Amoy Marie Roberts • African and African American Studies, Departmental Honors Program John Joseph Roche • Economics Daryn Jaden Rockett • African and African American Studies and Sociology, Departmental Honors Program, with Distinction Josiah Josef Keoni Quon Rodriguez • History Rachelle Rodriguez • International Relations, Departmental Honors Program Jerri Anna Roper • Psychology Courtney B. Rosales • English, with Distinction Callie McKenna Rosenthal • Economics Alexa M. Rossum • Economics Alexis Heather Rowell • International Relations Ilina Rughoobur • Anthropology, Departmental Honors Program, with Distinction John Ruiz • Science, Technology, and Society Paola Ruiz • English, Departmental Honors Program, with Distinction Lindsey Loren Rust • Economics Jose Luis Sabau • Political Science, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Mikah Luis Sanchez • Feminist, Gender, and Sexuality Studies Ximena Sanchez Martinez • Comparative Studies in Race and Ethnicity, Departmental Honors Program Fiona M. Sandi • Communication Isabella Kathryn Saracco • History, Departmental Honors Program Donya Sarrafian • Public Policy Marco Andreas Scalera • Economics Brooke Lauren Schmoyer • Political Science and Psychology

William Law Schwartz • Religious Studies, Departmental Honors Program Grace Rita Scullion • American Studies Wilder Graeme Seitz • Philosophy, with Distinction Lauren Claire Selden • History, Departmental Honors Program, with Distinction Alice Serenska • Human Biology, Departmental Honors Program Tia E. Sewell • International Relations, Interdisciplinary Honors Program in International Security Studies, with Distinction Jackson J. Seybold • Economics Walker David Seymour • Public Policy William Shan • Psychology Benjamin Martin Shell • English Christina Shen • Art History, with Distinction Wenchen Shen • Philosophy, Departmental Honors Program, with Distinction Da Won Shin • Economics Ian Christian Galvez Sills • Economics Stephen Lavid Sills • Philosophy and History McLain Nathan Simpson • Political Science Ian Charles Singer • Psychology Elizabeth Sinyavin • International Relations, with Distinction Nicholas Tyler Sligh • Economics Finian Dixon Slingerland • Political Science, Departmental Honors Program **Chase Small** • International Relations, Interdisciplinary Honors Program in International Security Studies, with Distinction Sarah Grace Smith • Psychology Annamarie Santi Sofranek • Political Science Pratham Soni • Economics, Departmental Honors Program, with Distinction Micaela Angela Soria Robles • International Relations Salvatore Rocco Spina • Economics Elena Margaret Sword Stalnaker • Music, with Distinction Madison Leslie Stamen • Sociology Savanna Nicole Stewart • Political Science Natalie Marie Stiner • Psychology Xavier Carlyle Straughn-Turner • Linguistics and American Studies Ma. Frances Angela N. Suavillo • English Davyn Christoper Sudirdjo • Economics Dahlia Richards Suiter • Psychology Lora Supandi • International Relations Stephanie Daniela Suster Reveron • Economics Matthew Brendan Swartz • Economics Zoha Fatima Syed • Psychology, Departmental Honors Program Grace Wanrong Tan • Economics Mauricio T. Tellez-Sanchez • International Relations Tyson Paul Thomas • Economics Isabella Marie Tilley • Comparative Studies in Race and Ethnicity, **Departmental Honors Program** Arianna Togelang • Economics Afnan M. Tolba • Political Science and History Nicolas Lafayette Toomer • Science, Technology, and Society Phillip Tran • Economics Valerie Michelle Trapp • English Callum Alexander James Tresnan • Comparative Literature, Interdisciplinary Honors Program in the Arts

Flora Troy • Human Biology, Interdisciplinary Honors Program in Education Salim Ali Turner-Muhammad • Economics Jackson Zivitz Vachal • Political Science Cecilia Valencia • Comparative Studies in Race and Ethnicity and Spanish, with Distinction Ella Lia Varney • Anthropology, with Distinction Vanessa Lakana Veak • Sociology McKenna Louise Vicini • Human Biology Lvdia Marie Villa • Art Practice Laura Carolina Villalobos Garcia • Human Biology Bailey R. Vought • Communication Samuel Thomas Waddoups • Linguistics and English, Departmental Honors Program, with Distinction Arjan Singh Walia • History, Departmental Honors Program Sophie Wallace • Science, Technology, and Society Alexander Doyle Walsh • International Relations Phillip Wang • Economics James Zishi Wei • Economics Tingxun Wei • Economics Hailey Brooks Weisel • Political Science and English, Departmental Honors Program William Louis Wermuth • Economics Kennedy Megan Wesley • Psychology Shelby Janelle Whinery • Human Biology Tatiana White • International Relations Sorcha Aniko Poirier Whitley • International Relations, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law, with Distinction Camilla Marice Wickman • Music, Departmental Honors Program, with Distinction Lindsey Ann Williams • Political Science, with Distinction Jocelyn Claryce Wilmore • Psychology Willoughby Jay Winograd • Political Science, Interdisciplinary Honors Program in Ethics in Society Rose E. Winter • Science, Technology, and Society Tina Wong • Economics Daniel Eric Wu • History Kheshawn Lejer Wynn • Psychology, Departmental Honors Program Selina Xu • Economics Yuwei Yang • Economics Songchen Yao • Economics **Camellia J. Ye** • Economics and English, Departmental Honors Program, with Distinction Lei Ye • Political Science Jevan Bhutani Yu • History, Departmental Honors Program, with Distinction Gilare Zada • English Christal Zambrano-Hinojosa • Psychology, with Distinction Ruiping Zhang • Economics and Classics Jiahui Zhu • International Relations and East Asian Studies, Departmental Honors Program, with Distinction Damon Noah Zuber • Economics

Amir Zur • Linguistics, Departmental Honors Program

No.

Bachelor of Science

DEGREES CONFERRED SEPTEMBER 29, 2022

Aparna Ananthasubramaniam • Mathematics Patin Inkaew • Physics, with Distinction Celeste Naomi Jupiter • Human Biology Alexander Lerner • Mathematical and Computational Science Alexander Donovan Little • Symbolic Systems Victor L. Lu • Symbolic Systems Demetrios S. Maxim • Biology, Departmental Honors Program Keren Nahomi Perla Corea • Chemistry Nicholas Paul-Brazeau Sanchez • Mathematical and Computational Science Riley Ruth Seow • Symbolic Systems Rebecca Calley Story • Human Biology

N LOF

Bachelor of Science DEGREES CONFERRED JANUARY 12, 2023

Danya Adib-Azpeitia • Symbolic Systems Alasgar Alizada • Mathematical and Computational Science Hannah Yasin Ashai • Mathematics, with Distinction Zoe Elizabeth Bartel • Human Biology Susanna Bradbury • Biology Sara Ruth Choy • Biology Danielle Annette Cruz • Symbolic Systems Cristina Anne Tagle De La Cruz • Human Biology Ishira U. Fernando • Physics, Departmental Honors Program Benjamin Carlo Gaiarin • Symbolic Systems Daniel Patrick Hurley • Science, Technology, and Society Michelle Ka Leung • Symbolic Systems, with Distinction Millie Jiawen Lin • Symbolic Systems Alexis Kathryn Long • Mathematical and Computational Science Connor Robert Meany • Mathematics Joy Kathryn Miles • Human Biology, Departmental Honors Program Wyatt Samuel Morgan • Biology Jordan Nicholson • Mathematics Joshua Albert Nkoy • Symbolic Systems, Departmental Honors Program Savannah C. Payne • Symbolic Systems Alexa Amita Ramachandran • Symbolic Systems Kelly Kristina Schulz • Symbolic Systems Seth Talyansky • Biology Kathy H. Tran • Human Biology, Departmental Honors Program Felicita Velasco • Human Biology Miro Vujicevic • Mathematics Samuel Nestor Walters • Mathematics Austin Michael Weideman • Symbolic Systems Griffin Crosby Young • Symbolic Systems Kelsey Jennifer Zeng • Symbolic Systems Allison Zhang • Biology, Departmental Honors Program, with Distinction Jason Zhu • Mathematics

Not at

Bachelor of Science DEGREES CONFERRED APRIL 6, 2023

Hoden G. Abdi-Yusuf • Mathematics Brett Michael Barrera • Science, Technology, and Society Meikael Sacha Beaudoin Rousseau • Human Biology Chiara E. Biondi • Mathematical and Computational Science Connor Cremers • Physics Sterling Dintersmith • Human Biology Sophia Catherine Dixon • Human Biology Sam Forman • Mathematics Joshua Aaron Gross • Mathematics Sreya Eka Guha • Symbolic Systems, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law Phillip Keonho Kim • Mathematical and Computational Science, with Distinction Ece Korkmaz • Mathematical and Computational Science, with Distinction Nicolas Gabriel Lopez • Human Biology, Departmental Honors Program Annie Minondo • Human Biology Allison Raab • Mathematics Armaan Rashid • Symbolic Systems Hirotaka Sato • Physics and Mathematics Emily Ann Schultz • Human Biology Elysia Quinn Smyers • Symbolic Systems Xinran Song • Physics, with Distinction

Branson John Bragg • Mathematical and Computational Science

*

Bachelor of Science

DEGREE CANDIDATES, JUNE 18, 2023

Aneega Abid • Human Biology

Ann Marie Abraham • Biology, Departmental Honors Program Adam Amado Acevedo • Symbolic Systems Keeley Rae Akagi • Science, Technology, and Society, Departmental Honors Program Abraham Alatorre • Human Biology, with Distinction Grace A. Alchemy • Biology, Departmental Honors Program, with Distinction Namitha Anna Alexander • Biology Brenda Alvarez-Lagunas • Human Biology Isaac Gabriel Applebaum • Biology Savannah Ardrey • Symbolic Systems Shridhar Athinarayanan • Mathematical and Computational Science Oluwatamilore Jaden Awosile • Symbolic Systems, Interdisciplinary Honors Program in the Arts Rami Awwad • Human Biology Madison Francis Ayson • Human Biology Annabelle Ella Bachmann • Biology Caitlin Elizabeth Baird • Human Biology Manya Bansal • Mathematics Rachel A. Barber • Human Biology Francesca Belibi • Human Biology Susan Marie Benitez • Science, Technology, and Society, Departmental Honors Program Julian S. Bernado • Mathematics Isaac Bevers • Symbolic Systems Rinni Bhansali • Electrical Engineering and Mathematics, Departmental Honors Program, with Distinction Emily Marie Blackwell • Human Biology Leonardo Bonanno • Mathematics, Departmental Honors Program Carolina Borbon Miranda • Symbolic Systems Tatum Marie Boyd • Human Biology Lucille Amanda Bresette • Human Biology Emily Brieant • Human Biology

Madison Ashley Brunette • Biology

Thomas Anthony Bruzzese • Symbolic Systems, with Distinction

Alexandra E. Burdon • Science, Technology, and Society **Callum Jan Burgess** • Computer Science and Physics Shane Christopher Cadogan • Human Biology William L. Cai • Engineering and Mathematics, Departmental Honors Program Ashlyn Alisha Callan • Human Biology, Departmental Honors Program, with Distinction Madeline Claire Casas • Physics Conor Reardon Casey • Mathematical and Computational Science Christian Antonio Cepeda • Human Biology Daniel Jiesheng Chambers • Human Biology Sergio Gino Charles • Mathematics WeiHuan Chen • Human Biology Sun Yu Gordon Chi • Mathematics Emily Rei-An Chiao • Symbolic Systems Crystal U. Chidume • Symbolic Systems Vincent B. Chim • Chemistry Jay Sahil Chiruvolu • Symbolic Systems Ryan Choeb • Biology, Departmental Honors Program Caroline Sujin Choi • Mathematics, with Distinction Jack Michael Christian • Human Biology, Departmental Honors Program, with Distinction Hannah Jade Chrobok • Human Biology Sonia Hangjie Chu • Mathematics Nicholas Kennedy Clark • Mathematical and Computational Science Oscar Martin Alonso Cortes • Physics Ailsa Rachel Craven • Biology, Departmental Honors Program, with Distinction Alexandra Kiyoko Crisera • Symbolic Systems Christopher Glenn Laban Cross • Symbolic Systems, with Distinction Abeer Dahiya • Mathematical and Computational Science Cristina Danita • Mathematical and Computational Science, with Distinction Sarah Christine Darmstadt • Human Biology Isaiah Max Dawid • Biology, Departmental Honors Program Grady Christopher Day • Biology Uma Dayal • Mathematics, Departmental Honors Program Jordan Danielle Deasy • Symbolic Systems Serena G. Debesai • Physics Stella Kinzy Delp • Human Biology Sahit Dendekuri • Symbolic Systems, with Distinction Linda N. Denson • Science, Technology, and Society Meera C. Desai • Mathematics Esha Dhawan • Human Biology, Departmental Honors Program, with Distinction Sawyer Anthony Dobson • Physics and Mathematics Joshua Dong • Mathematical and Computational Science Zakaria Nadeem Doueiri • Human Biology, Departmental Honors Program Michaela Chang Edwards • Human Biology Sohayla Tamer Eldeeb • Biology Nnenna Agnes Joan Chioma Emma Nnopu • Human Biology Gabriela Victoria Escobar • Human Biology, Departmental Honors Program, with Distinction Alexander Cesar Escudero • Science, Technology, and Society Ronan Kent S. Esperanza • Biology, with Distinction Daylan Faith Flemmons • Human Biology, Departmental Honors Program Kai Jordan Fox • Mathematics Mariana Irene Frangos • Mathematical and Computational Science, Departmental Honors Program

Eric Scott Frankel • Mathematics, Departmental Honors Program Keely Elizabeth Fuller • Biology Henry James Gargus • Science, Technology, and Society Karen Ge • Mathematics and Symbolic Systems, Interdisciplinary Honors Program in Education Patricia Frances Gerli • Human Biology Mahlet Solomon Getahun • Symbolic Systems Eden Elisabeth Gibson • Human Biology Kieran Michael Gilmore • Physics Peter William Gofen • Symbolic Systems Lexi-Ann Faith Golden • Human Biology, Departmental Honors Program Doran Avery Goldman • Biology, Departmental Honors Program Audrey Virginia Gorman • Human Biology Julia Elizabeth Greene • Human Biology Theodore Dale Gress • Biology Marcus Jai Singh Grewal • Biology Baokun Gu • Biology Mira Guleri • Symbolic Systems Lifu Guo • Human Biology Carmen Justine Gutierrez • Physics Jeong Soo Ha • Symbolic Systems Calvin Ryan Hansen • Chemistry, Departmental Honors Program, with Distinction Hanson H. Hao • Mathematics, Departmental Honors Program, with Distinction Eric Nathan Calimquim Hatch • Symbolic Systems Chloe Lorraine Haydel Brown • Symbolic Systems Daniel Healy • Symbolic Systems De'Angelo Justin Hermesky • Biology Elaine Hernandez • Biology, Departmental Honors Program Erick Margarito Hernandez-Ascencio • Mathematical and **Computational Science** Charles Milton Hicks • Symbolic Systems Cole Andrew Hinkelman • Science, Technology, and Society **Ophir Horovitz** • Mathematics Hailey Suzanne Horowitz • Biology, with Distinction Benjamin D. Hu • Mathematical and Computational Science, with Distinction Jiawei Huang • Symbolic Systems, with Distinction Grant Tian Hugh • Mathematics Christopher Joseph Hughes • Physics Robert Lee Hurley • Biology Sarrah Hussain • Human Biology, Departmental Honors Program Phillip McRae Ipock • Chemistry, Departmental Honors Program Amisha Sulin Iyer • Biology Danielle Alexis Jacobstein • Human Biology Addison Reese Jadwin • Symbolic Systems, with Distinction Emma Louise Jaeger • Biology, Departmental Honors Program Ashli Jain • Symbolic Systems Kennan Matthew Janowski • Biology Sonia Irianna Jauregui • Human Biology Nicole Marie Truitt Jehl • Human Biology, with Distinction Rebecca Ran Jia • Mathematical and Computational Science, with Distinction Natasha Marie Johnson • Symbolic Systems, Departmental Honors Program Sophia C. Jones • Physics Spencer Douglas Jorgensen • Symbolic Systems, with Distinction James Milan Kanoff • Symbolic Systems Jacob Sanford Kaplan • Mathematics, Departmental Honors Program

Jordan Louis Kaplan • Human Biology, with Distinction Blen Beharu Kedir • Biology, Departmental Honors Program Aamnah Khalid • Mathematics Trudy Sea-Eun Kim • Human Biology, Departmental Honors Program Yuann Kim • Human Biology Ecy Femi King • Symbolic Systems, with Distinction Olivia Ann Kline • Biology, Departmental Honors Program Filip Piotr Kolasinski • Symbolic Systems Praneeth V. Kolichala • Mathematics and Computer Science, with Distinction Kantapong Kotchum • Mathematics, with Distinction Sophia Lian Kreider • Human Biology Chavdar Lalov • Mathematics, with Distinction Arnold Kimutai Langat • Biology Jeeven Larson • Biology Andrew Hyungmin Lee • Mathematical and Computational Science Amaris R. Lewis • Biology, Departmental Honors Program Douglas T. Li • Physics Jiayi Li • Mathematics Michelle C. Li • Human Biology, Departmental Honors Program, with Distinction Ryan Dong Li • Symbolic Systems, with Distinction Wenqi Li • Mathematics, Departmental Honors Program, with Distinction Zhaoyi Li • Physics and Mathematics, Departmental Honors Program, with Distinction Zhi Xin Li • Mathematical and Computational Science Charles Jiapei Lin • Mathematics Alexandra Linker • Biology, Departmental Honors Program Angela J. Liu • Mathematical and Computational Science Fan Liu • Biology Tiffany Tinwen Liu • Symbolic Systems, Departmental Honors Program, with Distinction Ryan Michael Long • Symbolic Systems Eric Zhongyi Lou • Mathematics, with Distinction Jacqueline G. Lu • Human Biology Katie Lu • Biology, Departmental Honors Program, with Distinction Jasper Luong • Symbolic Systems John Terrence Lynch • Science, Technology, and Society Kathryn Erin Lyons • Human Biology Kiran Ruiye Majeti • Biology, Departmental Honors Program Aman Malhotra • Mathematical and Computational Science Rojie Malki Hajjar • Human Biology Gautam Manohar • Mathematics, Departmental Honors Program, with Distinction Carlson A. Marquez • Human Biology Adhara Dominique Raymonde Martellini • Symbolic Systems Angus K. Maske • Chemistry, with Distinction Kylee Matheson • Human Biology Quinn Jack Mathews • Science, Technology, and Society Meagan Matthews • Human Biology Anna Sofia Mauro • Mathematics, Departmental Honors Program Platon Konstantinos Mazarakis • Symbolic Systems Madeleine Noelle McGlynn • Human Biology, Departmental Honors Program, with Distinction Alexander Boulton McKeehan • Physics and Mathematics and Computer Science, Departmental Honors Program Aliza Faye Mehlman • Human Biology Vilina Mehta • Human Biology, Departmental Honors Program Olivia Shea Mendoza • Human Biology Sherry Elizabeth Mestan • Human Biology, Interdisciplinary Honors Program in the Arts, with Distinction

Rachel Marie Miller • Human Biology Christopher Moffitt • Symbolic Systems Barron J. Montgomery • Physics Nicole Elise Mossmer • Science, Technology, and Society Nia Muhammad • Chemistry Mia Nkenjika Muoneke • Symbolic Systems Fahad Nabi • Symbolic Systems Alexander Jobim Nadel • Symbolic Systems, with Distinction Sydney Clara Nagy • Human Biology, Departmental Honors Program Bharath Raj Namboothiry • Mathematics Sriram R. Narasimhan • Biology, Departmental Honors Program Gabriel Eduardo Navarro • Science, Technology, and Society **Sophia Nicole Nesamoney** • Human Biology, with Distinction Daniel Philip Newton • Physics, with Distinction Annie Tran Nguyen • Biology, Departmental Honors Program Audrey Tuong Vi Nguyen • Human Biology, Departmental Honors Program Quennie Quynh Nhi Nguyen • Biology Carla M. Nicolini • Chemistry Ashley Danielle Nies • Human Biology Emma Gabrielle Offenberg • Human Biology Samuel A. Ogunsanya • Human Biology Julius Alef Abayon Olitan • Symbolic Systems Sarah D. Olmstead • Human Biology, Departmental Honors Program Yonatan Oren • Mathematics Joshua Oliver Orrick • Human Biology Angel Amadeus Ortiz • Human Biology Tanya Ivanova Otsetarova • Mathematics Christian Luther Palomo • Mathematical and Computational Science Tara Elizabeth Parekh • Symbolic Systems, with Distinction Maitri Rangarajan Paul • Biology, Departmental Honors Program, with Distinction Ornella Gabriella Pelissero • Human Biology, Departmental Honors Program Camilla Rose Pernell • Symbolic Systems Francisco Pernice • Mathematics, Departmental Honors Program Margarita Maria Pertierra • Chemistry Franz Inthisone Pfanner • Physics Quyen Gia Pham • Biology Theresa HongHanh Pham • Human Biology Richard Phan • Biology Clare Liberty Phelps • Chemistry, Departmental Honors Program Veronica G. Pratt • Physics Hannah Gail Prausnitz-Weinbaum • Mathematics, with Distinction Andrew Hathaway Radford • Science, Technology, and Society Kelly Christine Ramm • Human Biology Sawye Raygani • Human Biology Rathna Shan Reddy • Symbolic Systems James Anthony Brennan Reed • Biology, Departmental Honors Program, with Distinction Caroline Marshall Reinhart • Science, Technology, and Society, Departmental Honors Program, with Distinction Hayden Frank Reynoso • Human Biology Tess Rinaldo • Symbolic Systems Axel Rivera-De Leon • Human Biology William Clifford Roberson • Physics Juan D. Rodríguez • Biology Bryan Anthony Romero • Chemistry

Nicholas Ajit Rouillard • Human Biology, Departmental Honors Program, with Distinction Neel Roy • Physics Raphael Torin Ruban • Mathematical and Computational Science, with Distinction Paige Mollie Rubinstein • Human Biology Kayla Jagen Ryan • Symbolic Systems, Departmental Honors Program, with Distinction Dmitri Michelangelo Saberi • Mathematics, Departmental Honors Program Sarah Helena Petrovna Naa Borle Sackeyfio • Physics Cheyenne Sadeghi · Mathematics Ankit Sahasrabudhe • Mathematics and Engineering, Field: **Engineering Physics** Costanza Diletta Sartori di Borgoricco • Mathematical and **Computational Science** Tristan Saucedo · Biology Isaac Santiago Schaider • Mathematical and Computational Science Elizabeth Asha Shah • Human Biology, Departmental Honors Program, with Distinction Sangam Sharma • Human Biology Titus N. Sharman • Mathematics Grant Sheen • Symbolic Systems Wenchen Shen • Mathematics, Departmental Honors Program, with Distinction Andrew Shin • Human Biology, Departmental Honors Program, with Distinction Matias Shundi • Mathematics, Departmental Honors Program Victor Kaberuka Shyaka • Physics Leila Celeste Sidow • Symbolic Systems Samantha Elinon Silverstein • Symbolic Systems Brielle Francesca Smith • Human Biology, Departmental Honors Program Carly Mae Smith • Human Biology, Departmental Honors Program Giulia Zoe Socolof • Physics, with Distinction Amanda Somvilay • Symbolic Systems Andrew Ju Young Song • Human Biology, Departmental Honors Program, with Distinction Jinpeng Song • Mathematics and Computer Science Samuel Alan Spinner • Symbolic Systems Carmen Daniela Strassle • Physics and Mathematics Alexis Dee Straube • Human Biology, Departmental Honors Program, with Distinction Aspen A. Stuart-Cunningham • Physics Anjali Sukhavasi • Symbolic Systems Alanna XiShen Sun • Symbolic Systems Vrinda Madabushi Suresh • Biology, Departmental Honors Program, Interdisciplinary Honors Program in the Arts, with Distinction Brooke Blythe Swain • Human Biology, Departmental Honors Program, with Distinction Vy Ta · Biology Celia Rose Tandon • Physics Morgan Paige Tankersley • Human Biology

William James Tarvestad • Human Biology, Departmental Honors Program

Jennifer A. Tashjian • Human Biology Liliana Jillian Taylor • Symbolic Systems Nicolas Luis Tellez • Biology Justin Thach • Human Biology Thomas Thach • Symbolic Systems Robert Walter Markham Thompson • Mathematical and Computational Science John Christopher Thorell • Symbolic Systems Abigail Williamson Tindall • Human Biology Kendall Haley Titus • Symbolic Systems Alan Tong • Chemistry and Biology, Departmental Honors Program, with Distinction David J. Toomer • Chemistry Connor Toups • Symbolic Systems Tianna Maluhialani Trepte • Human Biology Danny Tse • Mathematics, with Distinction Paloma Vazquez Juarez • Human Biology Lydia Marie Villa • Biology, Departmental Honors Program Alessandra I. Volpi • Science, Technology, and Society Kellen Vo Vu • Human Biology, Departmental Honors Program, with Distinction Cameron James Wagner • Physics, Departmental Honors Program Coleman Paul Walsh • Biology Alice Jingyuan Wang • Biology, Departmental Honors Program Annabelle Tingke Wang • Symbolic Systems David Haikuo Wang • Physics, Departmental Honors Program Elsie Ruoxi Wang • Symbolic Systems George Wang • Physics William Wang • Biology, Departmental Honors Program, with Distinction Marlon Joseph Washington • Human Biology Jillian Jenny Weldon • Mathematical and Computational Science David Kyle Wendt • Physics, with Distinction Will Raymond White • Mathematics Waymon William Whiting • Human Biology Evan Robert Wisner • Symbolic Systems Huai Zhe Matthew Wong • Mathematics Laurel Elizabeth Wong • Human Biology Valeria Wu Fon • Symbolic Systems Jules Thornton Wyman • Biology, Departmental Honors Program, with Distinction William Z. Xi • Mathematics and Computer Science, with Distinction Bruce Changlong Xu • Mathematics Thomas Haoze Yang • Mathematical and Computational Science Xuelin Yang • Mathematics Yuwei Yang • Symbolic Systems Jevan Bhutani Yu • Mathematical and Computational Science, Departmental Honors Program, with Distinction Natalia Maria Zamora Zeledon • Human Biology, Departmental Honors Program Xin Zhang • Physics Yujia Bessie Zhang • Mathematical and Computational Science Angela WenYue Zhao • Symbolic Systems Yifan Zhu • Mathematics, with Distinction Miles John Zoltak • Symbolic Systems

Bachelor of Arts and Science

DEGREES CONFERRED SEPTEMBER 29, 2022

Lucas Jun Koba Sato • Mathematics and Philosophy, with Distinction

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Bachelor of Arts and Science

DEGREES CONFERRED JANUARY 12, 2023

Caroline Wallace Dunn • English and Biology, Departmental Honors Program

Saller Saller

Bachelor of Arts and Science DEGREE CANDIDATES, JUNE 18, 2023

Azja Simone Czajkowski • Communication and Engineering Marguerite Anne Gray • Mathematics and History

Matthew Chuan-Tai Groeneveld • Mathematics and Classics, with Distinction

Sajan Sadarangani Mehrotra • Political Science and Mathematics, with Distinction

Aleksandra Sokolova • Art Practice and Symbolic Systems Regina T.H. Ta • Comparative Literature and Symbolic Systems, with Distinction

Thomas Paul Worth • Mathematics and Art History

No.

Master of Arts DEGREES CONFERRED SEPTEMBER 29, 2022

Neida Basheer Ahmad • Public Policy Serage Amatory • Public Policy Claudia Andrea Bobadilla • Latin American Studies Leonel Alfredo Diaz Madrid • International Policy Anthony Adrian Duarte • Sociology Hanna Foelsz • Political Science Samuel Chetwin George • East Asian Studies Christian I. Giadolor • Sociology Emilia Groupp • Anthropology Lena Angela Han • Public Policy Alexia Maria Hernandez • Linguistics Christina Isabelle Hill • Russian, East European and Eurasian Studies Sabrina Angela Huang • Communication Natasha Jain-Poster • Latin American Studies Saga Helgason Morris • Russian, East European and Eurasian Studies Amber Myngheer • Anthropology Olavo Passos De Souza • History

Theo Morris Serlin • Economics

Adele Leigh Stock • History

Nicholas T. Sweetser • Russian, East European and Eurasian Studies

Harvey Arthur Wang • Latin American Studies James Adam Watson • East Asian Studies

Master of Arts

DEGREES CONFERRED JANUARY 12, 2023

Jonathan David Bate • Political Science Noah Nathan Berrie • Music Xingru Chen • Russian, East European and Eurasian Studies Hannah Lee Choi • Music Estelle Joanna Ciesla • Russian, East European and Eurasian Studies Sierra Ann Enge • Communication Summer Rane Kinouchi • Japanese Rachael Eunjee Lee • Communication Antonio Lenzo • English Melanie Leon • Modern Thought and Literature Lemeng Liang • East Asian Studies Anna Magdalena LoGrande • Iberian & Latin American Cultures Ayanda Mlungisi Godgive Mahlaba • History Alberto Mora • Latin American Studies Sofia Maria Jose Patino-Duque • German Studies Wolfgang Kristoph Petermann • East Asian Studies Leily Rezvani • Communication Jingxuan Shou • East Asian Studies Benjamin Haig Villar • East Asian Studies

N. Contraction

Master of Arts

DEGREES CONFERRED APRIL 6, 2023

Rika Aoki • East Asian Studies Ying Cheng • East Asian Studies Arielle Marina DeVito • English Angela Anchi He • Sociology Apoorva Lal • Political Science Taylor J. LiCausi • Linguistics Courtney MacPhee • History Leah Katherine Matchett • Political Science Nathaniel Raghunandanan Menon • Communication Nathan Willis Ratledge • Economics Julia Christine Roever • History Serena Shah • History Cesar Daniel Vargas Nunez • Political Science

No.

Master of Arts

DEGREE CANDIDATES, JUNE 18, 2023

Joudi Abou Ayed • Music Mohammad Taimur Ali Ahmad • International Policy Aarushi Ahuja • Communication Paras Arora • Anthropology Grace Smita Kaur Bagga • Communication Hannah Bassett • Communication Francesca Elisabeth Bentley • International Policy Karunya Bhramasandra • Modern Thought and Literature Sarah Rose Bitter • Public Policy Nathaniel Livingston Bogardus • Russian, East European and **Eurasian Studies** Sarah Jane Brophy • Philosophy Rebecca Rose Brown • East Asian Studies Camilla Camargo · Sociology Yu Cao • Communication Ryan Paul Cieslikowski • Sociology Bliss Cole Cleveland • Sociology

Liam R. Conway • Public Policy Oliver Henry James Corcoran • Russian, East European and **Eurasian Studies** Heitor Geraldo Da Cruz Santos • Public Policy Alexander James Dakers • Communication Madison Ann Dalton • Political Science Gina Kathleen DeFabio • History Jonathan R. Deemer • International Policy Yoshiki Deguchi • East Asian Studies Elizabeth Deneen • Sociology Hunter Thomas Dickey • Communication Grace Frances Doerfler • Communication Boyuan Dong • Iberian & Latin American Cultures Jennifer Ann Ehrlich • Modern Thought and Literature Charlie Layne Ekstrom • Communication Kalyn Riley Epps • Communication Angel Sarah Fan • Music Arden Anne Farr • International Policy Christian Flores • Political Science Shayna Freedman • Communication Hannah Antonia Freitag • Communication Chern Xun Gan • Public Policy Christopher Samuel Giles • Communication Taylor Nicole Gindlesperger • Communication Dylan Scott Goldfine-Middleton • East Asian Studies Shane Patrick Griffith • Communication Rebekka Gruendel • German Studies Tanvi Gupta • International Policy Corinna Hee Lui Ha • International Policy My Thi Ha • Chinese Iris Raheema Haik • Sociology Caroline Rose Hallee • Sociology William Hallisey • International Policy Jada Alana Hallman • Communication Benjamin Halom • History Zheran He • Modern Thought and Literature Gregor Albrecht Ramon Heilborn • Economics Paige Ariana Hill • Political Science Aaron Hodges • Music Darrow Emily Hornik • Latin American Studies Zainab Hosseini • Psychology Alexandra Jordan Hughes • Communication Christopher Joseph Hughes • Philosophy Jasdeep Singh Hundal • International Policy Chukwudi Robert Ikpeazu • Philosophy Nicole Columbaro Johnson • Sociology Sophia C. Jones • Public Policy Ji Anne Kang • Communication Melanie Marie Kessinger • English Donghun Kim • International Policy Hye Jee Kim • Sociology Kelly Sieun Kim • Communication Jacqueline Elizabeth Kline • Russian, East European and Eurasian Studies Angela Christie Lee • Music Sarah Lee • Public Policy Yoojung Lee • East Asian Studies Evan Richard Hern Lewis • Latin American Studies

Yanni Li • East Asian Studies Sebastian Jarek Lucek • Political Science John Terrence Lynch • Communication Dorian Wayne Maddox • Communication Munashe Miranda Mataranyika • International Policy Christopher Maudlin • Latin American Studies Anne Caroline Meinhardt • International Policy Julia N. Meltzer • Linguistics Malia Jane Mendez • Communication Julia Mills • Music Briana Mullen • Public Policy Daria Novikov • Russian, East European and Eurasian Studies Ilari Papa • International Policy Hannah Park • Sociology Evan David Peng • Communication Omar Jose Pimentel Marte • International Policy Alicia Renee Purpur • Communication Phoebe Quinton • Communication Kara Nasif Rahaim • Public Policy Sabrina Raouf • Public Policy Brian Andrew Reed • Economics Claire Elise Rips-Goodwin • Russian, East European and Eurasian Studies Dirk Stallard Roosenburg • Music Mi Jin Ryu • International Policy Jose Luis Sabau • Latin American Studies Luis Carlos Sanchez • International Policy Sofia Osborne Scekic • Public Policy Isaac Santiago Schaider • Sociology Lauren Amanda Schlick • Public Policy Frances Rose Schroeder • Public Policy Elijah Hunter Scott • Political Science Samuel Ross Segal • Philosophy Lisa Ljuba Alice Setyon • Communication Nicholas Shaheed • Music Wushuang Shen • East Asian Studies Brian Michael Slamkowski • International Policy Alena Rachael Smith • Political Science Kyle Stanford Smith • International Policy Savanna Nicole Stewart • Communication Marija Stojanovic • Public Policy Maia Ilana Ten Brink • Psychology Ozge Selin Terzioglu • Communication Vanessa Lakana Veak • Sociology Shiro Keziah Wachira • International Policy Kyle Jiesi Wang • Modern Thought and Literature Skylar Widmann • Classics Miku Yamada • International Policy Gilare Zada • Communication Marisol Zarate • Sociology Benjamin Raj Zehr • International Policy Jiwei Zhang • Economics Zihan Zhang • Communication Sheng Zhong • Economics Duanduan Zhou • Chinese Katherine A. Zhou • Philosophy Eyal Zilberman • International Policy Benjamin Robert Zuercher • International Policy

N. Constant

Master of Fine Arts

DEGREES CONFERRED JANUARY 12, 2023 Kyle Raymond Myers-Haugh • Documentary Film and Video

Master of Fine Arts

DEGREE CANDIDATES, JUNE 18, 2023

Susana Barron • Documentary Film and Video Andrew Thomas Catanese • Art Practice Lauren Elizabeth Howell • Documentary Film and Video Rowan Mary Ings • Documentary Film and Video Tina Michiko Kashiwagi • Art Practice Lomawa Elizabeth Maelane • Art Practice Enrique Pedraza Botero • Documentary Film and Video Krystal Ramirez • Art Practice Oleg Savunov • Art Practice Faye Tsakas • Documentary Film and Video Sruti Visweswaran • Documentary Film and Video

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Master of Liberal Arts DEGREES CONFERRED APRIL 6, 2023

You Jia Zhu

Master of Liberal Arts DEGREE CANDIDATES, JUNE 18, 2023

Janette Rose Canare Louisa Anne Gillett Georgina Hernandez Raymond June Anthony Robert Lo Sandra Tesyl Park

Master of Public Policy DEGREES CONFERRED JANUARY 12, 2023 Robert Dale Westover Jr.

N. Contraction

Master of Public Policy DEGREE CANDIDATES, JUNE 18, 2023

Thomas Joseph Handley Luqman Hodgkinson Jennifer Hofmann Keertan Ranjan Kini Cordy McJunkins Theresa Elizabeth Nelson Sigalit Jacqueline Perelson Jackson Spencer Richter Eyal Zilberman

Master of Science

DEGREES CONFERRED SEPTEMBER 29, 2022

Yasmeen AlSaif • Biology Raphael Ryuichi Eguchi • Statistics Shuxin Gao • Statistics Leyla Kursat • Symbolic Systems Demetrios S. Maxim • Biology Paul Thibodeau • Statistics Ryan Jack Treves • Statistics Jun Wang • Applied Physics Valerie T.Y. Wang • Applied Physics

Master of Science

DEGREES CONFERRED JANUARY 12, 2023

Aaron Altman • Applied and Engineering PhysicsClaire Catherine Carlin • Applied PhysicsMatias Nicolas Cersosimo • StatisticsCaroline Wallace Dunn • BiologyParis Lee Franz • Applied PhysicsRoy Ghosh • BiologyAlexander S. Kim • StatisticsPhilip Joseph Lambert • StatisticsDayshon Tyree Mathis • PhysicsRochelle Karina Radzyminski • Applied PhysicsNicholas Marcos Rapidis • PhysicsMaya Ratnam Sankar • MathematicsPeixin Yu • Statistics

30 × 100

Master of Science DEGREES CONFERRED APRIL 6, 2023

Zhongren Chen • Statistics Coby Dulitzki • Biology Alec J. Engl • Applied Physics Qiantong Gao • Statistics Jessica Houghton • Statistics Yichen Liu • Statistics Trent McMullen • Statistics Disa Alda Naomi • Statistics Juan Carlos Ortiz Rhoton • Mathematics Souvik Ray • Statistics Hirotaka Sato • Applied and Engineering Physics Jacob Silberg • Statistics David Joseph Troxell • Statistics Brandon Charles Wada • Chemistry Hui Xu • Statistics Sasha Yousefi • Statistics

Master of Science

DEGREE CANDIDATES, JUNE 18, 2023

Ann Marie Abraham • Biology Danya Adib-Azpeitia • Symbolic Systems Matthew Woodward Aguirre • Statistics Nabil Ahmed • Statistics Ashlyn Alisha Callan • Biology Bethany Chen • Biology

Jean-Peïc Chou • Symbolic Systems Noah Cowan • Statistics Christopher Daniel Jr. • Applied Physics Alexander Zachary Fan • Statistics Eric Scott Frankel • Statistics Jhonnatan Gama Vazquez • Physics Irena Gao · Statistics Jiacheng Ge • Statistics Theodore Dale Gress • Biology Kushagra Gupta • Statistics Shreya Gupta • Symbolic Systems Brian Wesley Hill • Statistics Hanson H. Hao • Statistics Haya Hidayatullah • Statistics Andrew Hoagland • Statistics David Karamardian • Statistics Blen Beharu Kedir • Biology Yeon Jung Kim • Chemistry Radhika Koul • Symbolic Systems Sahil Kulkarni • Statistics Alexander Lerner • Statistics Yingfei Li • Applied Physics Kaitlyn Tia Liang • Applied Physics Chun Hao Liu • Applied Physics David Liu • Statistics Xiaojuan Liu • Statistics Hiu Wa Lok • Statistics Maria Jose Lozano Palacio • Applied and Engineering Physics Bin Yu Nicholas Lui • Statistics Jordan Elizabeth McKinney • Biology Vilina Mehta • Biology Shannon Marie Meyer • Statistics Reta Nissan • Statistics Pablo Pedro-Javier Noyola • Statistics Dingyi Pan • Symbolic Systems Debolina Paul • Statistics Nolan Peard • Applied Physics Matheus Pellegrini Baptista F Dias • Statistics Wenna Qin • Statistics Armaun Sanayei • Statistics Kalista Courtney Schauer • Applied Physics Samita Sridhar Kamath • Statistics Davyn Christoper Sudirdjo • Symbolic Systems Erich Judson Trieschman • Statistics Lydia Marie Villa • Biology Nikolas Thomas Weissmueller • Statistics Brenda Wu • Chemistry Yixuan Wu • Statistics Mingyue Yang • Statistics Hyeon Seok Yu • Statistics Xianghao Zhan • Statistics Yifei Zheng • Statistics Youshan Zhou • Statistics

Doctor of Musical Arts

DEGREE CANDIDATES, JUNE 18, 2023

Utku Asuroglu • Thesis Title: *Toxic Positivity: Integrating Folk Music and Digital Instrument Design*

Hassan Ali Estakhrian • Thesis Title: Butterflies in Disguise Douglas Turnbull McCausland • Thesis Title: Entanglement

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Doctor of Philosophy

DEGREES CONFERRED SEPTEMBER 29, 2022 Boaz Abramson • Economics, Dissertation Title: Essays on the

Macroeconomics of Housing Markets

Lawrence John Atherton • Music, Dissertation Title: *Tool-Building for Amateur Creativity in Virtual Reality*

Benjamin C. Bartlett • Applied Physics, Dissertation Title: *Photonic computing architectures for classical and quantum information processing*

Elizabeth Mary Blevins • Psychology, Dissertation Title: *From* Behavior to Brain to Behavior: How Cultural Differences in Ideal Affect Shape Responses to Smiles

Scott Borgeson • Linguistics, Dissertation Title: *Long-distance compensatory lengthening*

Levi Boxell • Economics, Dissertation Title: *Essays in Political Economy and Development*

Gabrielle Elaine Cabrera • Chemistry, Dissertation Title: Cycloaddition Chemistry Towards the Production of Energetic and Strained Materials

Dylan Jesse Cant • Mathematics, Dissertation Title: A Dimension Formula For Relative Symplectic Field Theory

Shi-An Anderson Chen • Biology, Dissertation Title: *Mapping of causal variants through precision genome editing*

Evan Austen Coleman • Physics, Dissertation Title: *Finite-volume holography and the cosmological constant*

Danielle Judy Conley • Theater and Performance Studies, Dissertation Title: *From the Front Line to the Living Room and Back Again: Pedagogical Pleasure in Board Game Play*

Caleb Quinton Cook • Physics, Dissertation Title: *Anisotropic Electron Hydrodynamics*

Jacob Max Daniels • History, Dissertation Title: Borderland Central: Edirne and its Jewish Community from the Late Ottoman Empire to the Early Turkish Republic, 1908-1934

Minda Deng • Applied Physics, Dissertation Title: Tuning optical properties of 2D semiconductors by strain and electrostatic gating Brooke Ashley Durham • History, Dissertation Title: Politics Aside: North Africans, Europeans, and the Fight to Transform Postwar Algeria, 1945-1975

Pablo Daniel Elvira • Chemistry, Dissertation Title: Examing The Role Of Neuron-Glia Signaling In The Peripheral Nervous System Isaac Doran Falk • Chemistry, Dissertation Title: Studies on the Syntheses and Biophysical Characterizations of Archaeal Tetraether Lipids and the Syntheses of Pyrroloiminoquinone Alkaloids

Joshua Daniel Farr • Chemistry, Dissertation Title: Studies Toward the Enantioselective Synthesis of Briarane Diterpenes

Valentin Ivan Figueroa Alvarez • Political Science, Dissertation Title: The Protestant Road to State Bureaucracy

Noah Roy Fram • Music, Dissertation Title: *Genre, culture, and affect: Music cognition through the lens of computational psychology* **Benjamin Andrew Franta** • History, Dissertation Title: *Big Carbon's Strategic Response to Global Warming, 1950-2020*

Amanda Mary Gaggioli • Classics, Dissertation Title: *Earthquakes* and the Structuring of Greco-Roman Society: the longue durée of human-geological environment relationships in Helike, Greece **Zijun Gao** • Statistics, Dissertation Title: *Applications of Machine Learning to Some Statistical Inference Problems*

Catherine Elizabeth Garrison · Chemistry, Dissertation Title: Allosteric Regulation of Voltage-Gated Sodium Channels by Lipophilic Neurotoxins

Cinzia Laura Giancotti • French and Italian, Dissertation Title: *Le portrait dans le roman français au XVIII siècle*

Vladimir Gildin Zuckerman • Classics, Dissertation Title: *The Efficacy of Beauty: Aesthetics and Action in the Thought of Xenophon of Athens*

William Taylor Gough • Biology, Dissertation Title: *Energetic Tradeoffs at Extreme Body Size*

Kirstin Haag • Music, Dissertation Title: *Music, Manuscripts, and Missionaries in the Early Colonial Guatemalan Highlands*

Michael Hermann Hahn • Linguistics, Dissertation Title: Computational and Communicative Efficiency in Language

Holly Shivashri Hajare • Chemistry, Dissertation Title: *Design of Saxitoxin-Based Tools for Studying Voltage-Gated Sodium Channel Physiology*

Avery Hill • Biology, Dissertation Title: *The Vegetation of the Anthropocene: At the confluence of climate change, wildfire, and conservation ethics*

Ching-Hsiu Hsu • Biophysics, Dissertation Title: *Within-person and between-person variability in learning and memory*

Tiffany Weiting Hsu • Psychology, Dissertation Title: Using Natural Language Processing on Social Media to Understand Psychological Processes

Sabrina Angela Huang • Communication, Dissertation Title: *Early Relationship Development: A Prospective Longitudinal Study on New Online Dating Relationships*

Elizabeth Claire Jacob • History, Dissertation Title: *Changing the Meaning of Motherhood: Gender, Family, and Politics in Côte d'Ivoire, 1893-1983*

Akshay Vivek Jagadeesh • Psychology, Dissertation Title: *Texture* and object representation for human visual perception

Haemin Jee • Political Science, Dissertation Title: Credit for Compliance: How Institutional Layering Ensures Compliance in China Mathias Jimenez • Economics, Dissertation Title: Essays in Monetary Theory and History

Hanseul Jun • Communication, Dissertation Title: A Study on the Effectiveness of Using Telepresence and Multiple Cameras in Remote Physical Therapy

Saarik Kalia • Physics, Dissertation Title: *Down-to-Earth Dark Matter: Novel Terrestrial Mechanisms for Dark Matter Detection*

Sung Mi Kim • Political Science, Dissertation Title: *The Evolution* of the Trading System: The Effects of Rising Preferential Trade Agreements

Grant Richard Kinsler • Biology, Dissertation Title: *Not just hopeful monsters: Phenotypic and evolutionary properties of very large adaptive mutations*

James Meade Klingensmith Jr. • History, Dissertation Title: Partitioning Solidarity: Palestine and the British Left, 1923-48

Elgin Korkmazhan • Biophysics, Dissertation Title: *Probing molecular and cellular design principles in signaling: from Wnt biology to cytoskeletal mechanics*

Naomi Lisbeth Kraushar • Mathematics, Dissertation Title: Equivariant algebraic K-theory of profinite Bieberbach group actions

Stephen Erwin Kuenstner • Physics, Dissertation Title: Superconducting Quantum Sensors for Wavelike Dark Matter Searches

Ellen Claire Labuz • Biophysics, Dissertation Title: *Rapidly migrating zebrafish keratocytes and their interactions with the physical environment*

Emily Rose Lake • Linguistics, Dissertation Title: *Stylistic variation in a preschool classroom*

Yu-Lun Liang • Chemistry, Dissertation Title: Operando Surface-Sensitive UV-Vis Methods On Nickel-Based Oxygen Evolution Reaction Electrocatalysts

Ryan Edward Linehan • Physics, Dissertation Title: *High Voltage Electrode Development and the LZ Experiment's WIMP Search*

Elizabeth Jane Mansfield • Biology, Dissertation Title: *Multi-level* resilience of small-scale fisheries in Baja California, Mexico

Jacob Austin Marks • Physics, Dissertation Title: The Surprising Persistence of Symmetry Protected Topology

Jordana Marie Meyer • Biology, Dissertation Title: Rewiring of Food Webs in the Anthropocene: Measuring the Effects of Novel Species Interactions with Environmental DNA

Hannah Nicole Mieczkowski • Communication, Dissertation Title: AI-Mediated Communication: Examining Agency, Ownership, Expertise, and Roles of AI Systems

Justine Victoria Modica • History, Dissertation Title: *Who Cares?*: Constructing the Child Care Workforce, 1970-2000

Payel Mukhopadhyay • Physics, Dissertation Title: *Neutrino Driven Outflows In Supernovae - From Hydrodynamics To Nucleosynthesis*

Lenora Clare Murphy • Slavic Languages and Literatures, Dissertation Title: *Power and the Void: Representations of Sovereignty in Unperformed Plays of the Stalinist Period*

Jeffrey Scott Nagy • Communication, Dissertation Title: *Watching Feeling: Emotional Data from Cybernetics to Social Media*

Thao Phuong Nguyen • Theater and Performance Studies, Dissertation Title: *The Social Choreography of Rape: Race, Gender, Sexuality, and Sexual Violence in Queer Performance*

Nicole Nova • Biology, Dissertation Title: *Ecological and Evolutionary Mechanisms for Emerging Infectious Diseases: Case Studies in Humans and Mammalian Wildlife*

Lucas Ian Pavan • Biology, Dissertation Title: *Caught in the snare: the indirect effects of hunting-induced mammal defaunation on bird communities*

Madeleine Elizabeth Penner • Comparative Literature, Dissertation Title: Embodied Character and the Medieval Novel: A Study of "Lancelot" (c. 1220)

Eliza McClarin Pickering • English, Dissertation Title: *Neither History nor Story: Common Soldiers Write the American Civil War* **Anirudh Prabhu** • Physics, Dissertation Title: *Astrophysical Signatures Of Axion-Like Particles*

Suhas Surya Pilibail Rao • Biophysics, Dissertation Title: *Building a wiring diagram of the human genome*

Brandon Rayhaun • Physics, Dissertation Title: *Chiral Algebras in Physics and Mathematics*

Lauren Jane Riddiford • Applied Physics, Dissertation Title: Interfacial spin wave phenomena in thin film oxide heterostructures

Kaitlyn Nicole Robinson • Political Science, Dissertation Title: Organizing for Violence: The Politics of Militant Group Formation and Fragmentation in Armed Conflict

Murtaza Safdari • Physics, Dissertation Title: A Novel Search for Exotic Decays of the Higgs Boson with the ATLAS detector and Enhancing the Physics Potential of the Large Hadron Collider and Atom Interferometers with New Techniques

Priscilla Ashley San Juan • Biology, Dissertation Title: *Processes that shape the avian gut microbiome*

Avshalom Moshe Schwartz • Political Science, Dissertation Title: Democratic Phantasies: Political Imagination and the Athenian Democracy

Mark Sellke • Mathematics, Dissertation Title: *High-Dimensional Problems in Probability, Optimization, and Learning*

Noah John Shutty • Physics, Dissertation Title: *Nonlocal Games, Distributed Storage, and Quantum Error Correction: Excursions In Fault-Tolerant Computation*

Mackenzie Alice Simper • Mathematics, Dissertation Title: Double Coset Markov Chains **Tagart Cain Sobotka** • Sociology, Dissertation Title: *Bad Doctors, Enablers, and the Powerless: The Opioid Crisis and the Redefining of Help*

Jun Ho Son • Physics, Dissertation Title: *Topology and Disorder in Quantum Condensed Matter Systems*

Jonathan Robert Sorce • Physics, Dissertation Title: Oddball realizations of "geometry = entanglement"

Zhen Su • Applied Physics, Dissertation Title: *Serial X-Ray Crystallography: Pushing The Boundaries Of Structure And Dynamics*

Catherine Cole Thomas • Psychology, Dissertation Title: *Can Psychologically and Culturally Wise Narratives of Aid Better Interrupt Cycles of Poverty and Prejudice?* Evidence from Kenya, Niger, and the U.S.

Susanne Tilk • Biology, Dissertation Title: *Causes and consequences of damaging mutation accumulation in cancer*

Eirini Tsekitsidou • Biology, Dissertation Title: *Elucidation Of Calcineurin Signaling In The Context Of The Cell Cycle, Centrosomes And Cilia*

Esiteli Uhamaka • Religious Studies, Dissertation Title: Angafakafonua as Tongan Identity: Tongan Mormonism, the Tongan Crip Gang, and Sacred Education Spaces

Maria Catherine Viteri • Biology, Dissertation Title: *Exhuming the Dead to Save the Living: Fingerprints of the Anthropocene on California's Faunal Communities*

Nia Symone Walker • Biology, Dissertation Title: *Linking heat stress resistance and recovery in reef-building corals*

Henry Lafond Washington Jr. • Modern Thought and Literature, Dissertation Title: *Enfleshing the Criminal: Producing and Policing Black (Sexual) Difference in the Criminological Imagination*

Wei Wei • Biology, Dissertation Title: *Organism-wide secretome* mapping of tissue crosstalk in exercise

Vivian Sin Mei Yan • History, Dissertation Title: A Spectrum Apart: Chinese and Japanese American Republicans and Conservatives, 1920-1990

Yue Yu · Physics, Dissertation Title: Order parameter texture of unconventional superconductor

Emily Rong Zhang • Political Science, Dissertation Title: *Measurement and Representation*

Irene Pu Zhang • Applied Physics, Dissertation Title: Imaging the Response of Mesoscopic Materials and Devices to Magnetic Fields **Tongtong Zhang** • Political Science, Dissertation Title: Whose Voice Matters? Conformists, Non-conformists, and Responsiveness in China **Yu Zheng** • Chemistry, Dissertation Title: Molecular designs of polymer semiconductors for skin-inspired electronics

Doctor of Philosophy

DEGREES CONFERRED JANUARY 12, 2023

Anubha Anushree • History, Dissertation Title: *The Moral Republic: Corruption in Colonial and Postcolonial India, c.* 1830-1975. Jeffrey T. Babicz • Chemistry, Dissertation Title: *Oxygen Activation*

by Mononuclear Non-Heme Iron Enzymes

Kaustabh Basu • Chemistry, Dissertation Title: Development of Lipid Kinase Inhibitors as Novel Broad-Spectrum Antivirals

Hannah Elizabeth Blondin • Biology, Dissertation Title: Spatial ecology of human-wildlife interactions and conflicts

Lauren Rebekah Borchers • Psychology, Dissertation Title: Trajectories of Reward and Loss Neural Circuitry Across Adolescence: Examining the Effects of Early Life Stress on Neurodevelopment

David Thomas Boyle • Chemistry, Dissertation Title: *Combining Electroanalysis and Nanoscale Characterization to Understand Lithium Battery Electrolytes*

Vivian Kien Chen • Biology, Dissertation Title: *Far From Home:* Understanding Pleiotropic Effects Of Adaptive Mutations In Non-Home Environments **Hsuan-Gu Chou** • Physics, Dissertation Title: *Optimization of ion acceleration from high-intensity laser-plasma interactions*

Jillian Burgie Costello • Slavic Languages and Literatures, Dissertation Title: The Poetics of Organic Damage: Discursive and Aesthetic Functions of Monstrosity and Monstrous Bodies in Early Soviet 'Mad Science' Literature

Max Frank Czapanskiy • Biology, Dissertation Title: Baleen whale physiology revealed through the integration of bio-logging and ecoinformatics

Jon Andrew Davies • Art History, Dissertation Title: *The Fountain: Art, Sex and Queer Pedagogy in San Francisco, 1945-1995*

Sarah C. Daws • Biology, Dissertation Title: Understanding Microbial Landscapes: Biogeography of Plant-Fungal Interactions in the Face of Warming and Wildfire

Dorottya Demszky • Linguistics, Dissertation Title: Using Natural Language Processing to Support Student-Centered Education

Abby Marie Fanlo • Political Science, Dissertation Title: *To Co-Opt or To Coerce?* How the Adversaries of Great Power Proteges Respond to Retrenchment

Kacie Farrell • Biology, Dissertation Title: *Effects of numerical centrosome aberrations on cell division and mitotic spindles*

Joshua Paul Gagne • Sociology, Dissertation Title: Segregation and Inequality Across Neighborhoods, Classrooms, and Police Jurisdictions

Anna Sophia Lentini Gibson • Communication, Dissertation Title: My Other Job: Volunteer Content Moderation as Platform Labor Nicole Michelle Hartman • Physics, Dissertation Title: Search for HH -> bbbb at sqrt(s) = 13 TeV with the ATLAS detector -- or -- 2b and then another 2b, now that's the thesis question

Sarah Elizabeth Harvey • Applied Physics, Dissertation Title: *Combating noise and uncertainty in biophysical models*

Jacob Alexander Hines • Applied Physics, Dissertation Title: Engineering quantum entanglement by coherent Rydberg dressing

Athena lerokomos • Biophysics, Dissertation Title: *Dissecting* structure-function relationships in molecular motors using protein engineering and single-molecule methods

Wentao Jiang • Applied Physics, Dissertation Title: *Microwave-optics quantum frequency conversion and optically heralded microwave photons*

Ioannis Kipouros • Chemistry, Dissertation Title: *Mechanistic & Spectroscopic Studies On O2-Activation And Reactivity By Coupled Binuclear Copper Enzymes*

Brett William Larsen • Physics, Dissertation Title: *Optimization and High-Dimensional Loss Landscapes in Deep Learning*

Yujeong Lee • Chemistry, Dissertation Title: *Part I: Enhancing Repair Of Oxidative DNA Damage With Small Molecule Activators Of MTH1 Part Ii: Development Of 2'OH Acylating Probes For Detection Of RNA-Small Molecule Interactions And Cellular Delivery Of mRNA*

Nolan Vincent Lem • Music, Dissertation Title: *Synchronous Sound: Strategies for Collective Sound Generation and Dispersion*

Kuan-Yu Li • Applied Physics, Dissertation Title: Measuring Rapidity and Momentum Distributions of Dipolar 1D Quantum Gases

Hengheng Lu • Economics, Dissertation Title: *Essays In Industrial Organization*

Vincent Bartholomew Masto • Biology, Dissertation Title: Mechanisms of mutant huntingtin quality control and the impact on cellular proteostasis in Huntington's Disease

Jordan T. O'Neal • Physics, Dissertation Title: *Tracking Charge Migration with Attosecond X-ray Pulses from a Free-Electron Laser* **Ciara Mary Ordner** • Chemistry, Dissertation Title: *Studies Toward the Synthesis of (+)-Fomannosin*

Jannicke Andree Pearkes • Physics, Dissertation Title: *Higgs Pair Production Searches with the ATLAS Experiment at the LHC and the HL-LHC* **Kade Ploussard Pettie** • Biology, Dissertation Title: Chromatin activity identifies differential gene regulation across human ancestries

Eva Portelance • Linguistics, Dissertation Title: *Neural network approaches to the study of word learning*

Thomas Mark Privalsky • Chemistry, Dissertation Title: A Self-Resistance Guided Approach to the Discovery of Novel Antibiotics

Joshua Rabinowitz • Chemistry, Dissertation Title: Catalyst Layer Design And Carbonate Management For Energy Efficient Electrochemical CO2 Reduction To Fuels And Chemicals

Mareike Elisa Reisch • German Studies, Dissertation Title: *Lesen und Erleben: Zugänge zum Heiligen Land in deutschsprachigen Pilgertexten des 15. Jahrhunderts*

Xinyu Ren • Physics, Dissertation Title: *Data Driven Generative Accelerator Model*

Sean Anthony Roget • Chemistry, Dissertation Title: *Water Hydrogen Bond Structure and Dynamics in Ionic and Polymeric Systems*

Jaime Roquero Gimenez • Statistics, Dissertation Title: Causal Aggregation of Heterogeneous Datasets and Stabilization of Feature Selection Procedures

Anish Raj Roy • Chemistry, Dissertation Title: *Visualizing unusual mammalian cell environments at the nanoscale with advanced fluorescence super-resolution microscopy methods*

Wilson Robert Sinclair • Chemistry, Dissertation Title: Leveraging metabolic labeling strategies to study mycobacterial glycolipids Libby Riley Taylor • Mathematics, Dissertation Title: Brauer classes,

Azumaya algebras, and higher analogues Anna Li Wang • Applied Physics, Dissertation Title: Attosecond

Channel-coupling in Molecular Photoionization Delays **Zhaoyou Wang** • Applied Physics, Dissertation Title: Hardware-

efficient designs for quantum error correction

Hayley Victoria Weir • Chemistry, Dissertation Title: Towards Accessible Quantum Chemistry and Automated Photochemical Design via Machine Learning and Nonadiabatic Dynamics Simulation

Carl Friedrich Wienecke • Biology, Dissertation Title: *Flexible Naturalistic Feature Extraction In Drosophila*

John Eric Wilcox • Philosophy, Dissertation Title: *Probabilistic* reasoning, actual and ideal

Ciara Frances Wirth • Anthropology, Dissertation Title: *Learning in the Forest: An Exploration of Waorani Education and its Interaction with Formal State Schooling in the Ecuadorian Amazon*

Matthew Thomas Wormer • History, Dissertation Title: Opium, Economic Thought, and the Making of Britain's Free Trade Empire, 1773-1839

Lucy Xu • Biology, Dissertation Title: *Partial reprogramming of the aging neurogenic niche as a potential rejuvenation strategy* Jinghui Yang • Chemistry, Dissertation Title: *Design And Synthesis*

Of Polymechanophore Systems With Dramatic Mechanochemical Response

To Chin Yu • Physics, Dissertation Title: *Optimal Substrate For Direct Detection Of Light Dark Matter*

Doctor of Philosophy

DEGREES CONFERRED APRIL 6, 2023

Callie Rodgers Chappell • Biology, Dissertation Title: Coloring outside the lines: Community assembly in the life sciences Michael Stephen Chen • Chemistry, Dissertation Title: Building Models of Spectroscopy for Condensed Phase Systems with Atomistic Detail Using Theory and Machine Learning

Tingting Dai • Chemistry, Dissertation Title: *Dual-Locked Chemical Reporters Based On Cephalosporin To Detect Drug-Resistant Bacteria For Research And Diagnosis*

Daniel Nelson Dore • Mathematics, Dissertation Title: *Reciprocity Laws and Identity-Based Encryption*

Basma Fahoum • History, Dissertation Title: *Tobacco Cultivation* and *Production in Twentieth-Century Palestine/Israel*

John David Feist • Chemistry, Dissertation Title: *Ring-Opening Metathesis Polymerization of 2,3-Dihydrofuran*

Sebastian Matias Fica Contreras • Chemistry, Dissertation Title: Using Ultrafast Infrared Spectroscopy To Study Free Volume In Polymer Materials

Melisande Marie Genat • History, Dissertation Title: *State Law and Tribal Justice in Iraq: (1914-2022)*

Cheng Guo • Applied Physics, Dissertation Title: *Resonances and Symmetries in Photonics*

Connie Hsueh • Applied Physics, Dissertation Title: *Building blocks* for hybrid metal-semiconductor quantum circuits in InAs twodimensional electron gases

Caleb Nathaniel Jadrich • Chemistry, Dissertation Title: Selective Organocatalytic Ring-Opening Polymerization Of Cyclic Esters And Carbonates

Katherine Grace Johnson · Chemistry, Dissertation Title: *Quantum Chemistry and Quantum Simulation at Scale: Leveraging Modern Computing Paradigms and Hardware*

Katherine Marie Lagerstrom • Biology, Dissertation Title: *The wild side of E.* coli: Investigating the ecology and diversity of Escherichia coli in wild animals

Alexander Bogdan Madurowicz • Physics, Dissertation Title: Universal Optical Instrumentation for Exoplanet Atmospheres

Carl Magnus Fabian Mansson • Chemistry, Dissertation Title: Studies on the Photochemical [2+2] Cycloadditions of Unactivated Olefins

Frederic Martenet • Economics, Dissertation Title: *Essays in Macroeconomics and Finance*

Katariina Mueller Gastell • Sociology, Dissertation Title: *The Consequences of Hiring and Job Search Practices for Inequality* **Tobias Nowacki** • Political Science, Dissertation Title: *Essays in Political Economy*

Sajan Patel • Chemistry, Dissertation Title: *Leveraging Azides in the Synthesis of Cyclobutenes and the Conversion of Arenes to Pyridines*

Abel Lawrence Peirson V • Physics, Dissertation Title: *Relativistic Jets in the Era of X-ray Polarimetry*

Winston Pouse • Applied Physics, Dissertation Title: *Quantum simulation using hybrid metal-semiconductor islands*

Dayeon Judy Shon • Chemistry, Dissertation Title: *Engineering enzymes for selective detection and degradation of mucins*

Matthew Edward Sorensen • Physics, Dissertation Title: Measurement of electric quadrupole and magnetic octupole susceptibilities of certain cubic praseodymium-containing compounds

Ian Arthur Tewksbury • Classics, Dissertation Title: *Death is a Feast: The Ideology of the Homeric Banquet*

Christina Luise Toenshoff • Political Science, Dissertation Title: Hiding in the Crowd: Corporate Climate Lobbying under Investor and Consumer Pressure

Christian Penn Whitworth • Art History, Dissertation Title: Screen Stutter: Lettrism and the Disarticulation of the Avant-Garde

Ryotatsu Yanagimoto • Applied Physics, Dissertation Title: *Quantum Dynamics of Broadband Nonlinear Photonics: From Phenomenology to Function*

Chu Zheng • Chemistry, Dissertation Title: *Electrostatic Catalysis: A Physical Principle For Designing Faster Enzymes*

Haowen Zhou • Chemistry, Dissertation Title: *Quantum controlled cold scattering between simple atoms and diatoms*

Shangnan Zhou • Physics, Dissertation Title: *Decoding the Quantum Universe*

Yanbing Zhu • Applied Physics, Dissertation Title: *Computational Applications towards 1D van der Waals and Phase Change Materials*

Doctor of Philosophy

DEGREE CANDIDATES, JUNE 18, 2023

Philip Abbott • Religious Studies, Dissertation Title: *Christianizing* Harmonies: The Transformation of Sound in Late Antiquity

Green Ahn • Chemistry, Dissertation Title: *Targeting extracellular* and membrane proteins for degradation via lysosome targeting chimeras

Sanna Jamila Ali • Communication, Dissertation Title: *Relational Work, Post-Bureaucracy, and Inequality in Silicon Valley*

Feyaad Allie • Political Science, Dissertation Title: *Power, Exclusion, and Identity: The Politics of Muslim Marginalization in India*

Katrina Clara Armstrong • Biology, Dissertation Title: *The Mosaic Reef: Leveraging genetic differences and local heat resilience for stewardship-based coral conservation*

Yunhao Bai • Chemistry, Dissertation Title: Adapting Expansion Microscopy to Imaging Mass Spectrometry: Multiplexed interrogation of pathology samples at high resolution

Trevor Bakker • Economics, Dissertation Title: *Essays on Economic Disadvantage*

Aniket Baksy • Economics, Dissertation Title: *Essays in Macroeconomics*

Jonathan David Bate • Political Science, Dissertation Title: *Does International Security Assistance Make an Impact?* Evaluating the Strategic Effectiveness of Military Aid

Danielle Z. Boles • Psychology, Dissertation Title: *Towards Dignity in Health: From Health-White Associations to the Reclamation of Racial-Ethnic Minority Cultures of Health*

Lukas Bolte • Economics, Dissertation Title: *Essays in Behavioral Economics and Microeconomic Theory*

Tyler Bonnen Sr. • Psychology, Dissertation Title: *Situating neural function within a biologically plausible optimization framework*

Riley Morgan Brett-Roche • History, Dissertation Title: *Scavenged State: Archives and the Making of Modern China*

Annika Lisa Butler-Wall • Modern Thought and Literature, Dissertation Title: Working the Gray Areas: Gender and Labor in the Digital Age

Daniele Caratelli • Economics, Dissertation Title: *Essays in Labor Macroeconomics and Monetary Economics*

Esha Chatterjee • Sociology, Dissertation Title: *Gender Segregation* and *College Majors*

Sanchit Chaturvedi • Mathematics, Dissertation Title: *Global* properties of kinetic plasmas

Daren Chen • Mathematics, Dissertation Title: Some variations of Khovanov homology for null homologous links in RP^3

Madeline Bryant Chosy • Chemistry, Dissertation Title: Combatting Bacterial Pathogens: Design, Evaluation, And Introduction Of Novel Guanidinium-Rich Antibiotic Conjugates

Agnetta Cleland • Applied Physics, Dissertation Title: *Quantum* control and characterization of phononic crystal cavities

Christianne Marie Corbett • Sociology, Dissertation Title: Belonging at Work: The Role of Organizational Factors and Interpersonal Interactions in Maintaining Workplace Inequality

Suchana Costa • Biology, Dissertation Title: *Herbivory on nitrogen fixing plants*

Sean Thomas Cotner · Mathematics, Dissertation Title: *Centralizers in reductive group schemes*

Lisa Isabel Couper • Biology, Dissertation Title: *Mosquitoes in a* warming world: climate adaptation and its consequences for disease transmission

Ralph Craig III • Religious Studies, Dissertation Title: *Preachers of the Great Way: The Dharmabhanaka in Mahayana Buddhist Sutras*

Jacopo Dalmasson • Physics, Dissertation Title: Large Detectors for Rare Event Searches

Kaleda Krebs Denton • Biology, Dissertation Title: *Evolutionary Dynamics of Conformity*

Panagiotis Dimakis • Mathematics, Dissertation Title: A study on the Extended Bogomolny equations

Kyle Reid Disselkoen • Chemistry, Dissertation Title: *Continuum modeling to understand and optimize CO2 and CO reduction gas diffusion electrodes*

Laura Mai Hien Domine • Physics, Dissertation Title: Deep Learning based LArTPC Event Reconstruction and Nonmagnetic Muon Sign Determination in the ICARUS Detector

Andrew Eberhardt • Physics, Dissertation Title: *Numerical methods* for the simulation of quantum ultra light dark matter

Paul William Falcone • Mathematics, Dissertation Title: A *Plurisubharmonic Analogue to Igusa's Theorem*

Qiaofeng Fan • Economics, Dissertation Title: Essays on Belief Formation

Michael Jacob Feldman • Statistics, Dissertation Title: *Principal Component Analysis Under Extreme Aspect Ratios*

Nataya Friedan • Anthropology, Dissertation Title: *Oil and Water; Climate Change Attribution in Houston, Texas*

Caleb W. Geniesse • Biophysics, Dissertation Title: *Capturing Brain Dynamics With Topological Data Analysis*

Rebecca Diane Gleit • Sociology, Dissertation Title: *De Facto School Discipline and the Maintenance of Inequality*

Zhaoheng Guo • Applied Physics, Dissertation Title: Attosecond And Femtosecond Beam Shaping For Nonlinear X-Ray Spectroscopy With X-Ray Free-Electron Laser

Mohammad Zuhad Hai • Political Science, Dissertation Title: *Essays* on the Politics of Scientific and Technological Change

Wu Han • Statistics, Dissertation Title: *Estimation and Testing Methods for Causal Inference with Interference*

Brian Eugene Higgins • Economics, Dissertation Title: *Essays on Macroeconomics and Housing Markets*

Landon M. Hobbs • Philosophy, Dissertation Title: A Neglected Causal Principle of Aristotle

Courtney Blair Hodrick • German Studies, Dissertation Title: *The Concept of Hope in the Works of Hannah Arendt*

Samantha Ting Hung • Chemistry, Dissertation Title: Nanoconfined Liquid Dynamics in Aqueous and Nonaqueous Systems Investigated With Nonlinear Infrared Spectroscopies

Theresa Michelle Iker • History, Dissertation Title: *Before the Red Pill: The Men's Rights Movement and American Politics, 1960-2005* **Zachary Izzo** • Mathematics, Dissertation Title: *Theory and*

Algorithms for Data-Centric Machine Learning

Qian Jia • Chinese, Dissertation Title: Sensing the Broadening World: The Birth of Incense Culture in Song Dynasty China (960-1279)

Sha Jiang • Biology, Dissertation Title: *Trends and implications of variability in demographic rates*

Taylor E. Jones IV • Chemistry, Dissertation Title: *Optogenetic Engineering of BAR Domain Proteins*

Byungsam Jung • Slavic Languages and Literatures, Dissertation Title: Vision, Thoughts, Desire: Photographic Objects in Russian Metafiction

Johannes Michael Junge Ruhland • French, Dissertation Title: Thought Laboratories: Incongruence in Vernacular Multi-Text Manuscripts before 1350

Mikayla Kelley • Philosophy, Dissertation Title: Control in Action Hyoung Sung Kim • Philosophy, Dissertation Title: Kant and the Dynamics of Pure Thinking: Essays on Kant's Theoretical Philosophy Nickolas Kokron • Physics, Dissertation Title: Structure formation at the juncture of simulations and perturbation theory

Nathan Cheuck Lam Kong • Psychology, Dissertation Title: *Building and evaluating computational models of the mammalian visual system*

Radhika Koul • Comparative Literature, Dissertation Title: *The Drama of Our World: Spectator and Subject in Medieval Kashmir and Early Modern Europe*

Maciej Patryk Kurzynski • Chinese, Dissertation Title: Words of Passion: Narrative Technologies of Modern China

Apoorva Lal • Political Science, Dissertation Title: *Essays in Political Methodology*

Kelley Elizabeth Langhans • Biology, Dissertation Title: *Centering Justice in Conservation Solutions for People and Nature*

Abhijit Lavania • Applied Physics, Dissertation Title: *Measuring physical and chemical properties of biological nanoparticles in solution with interferometric scattering in an active feedback trap*

Simona Lazzerini • Religious Studies, Dissertation Title: *Mother of Demons and Dharma Protector: Tracing Hariti's Worship in East Asia.* Min Young Lee • Psychology, Dissertation Title: *Contrast-invariant*

orientation tuning and efficient selection in human visual cortex Nathaniel Richard Lee • Applied Physics, Dissertation Title: Circuit

Quantum Acoustodynamics with a Fluxonium Qubit

Soyoung Lee • Political Science, Dissertation Title: *National Interest in International Relations: Domestic Distributional Consequences and Constraints to Conflict*

Matteo Leombroni • Economics, Dissertation Title: *Essays on Monetary Policy and Financial Markets*

Chastity Li • Chemistry, Dissertation Title: *Transition-Metal-Free Reverse Water-Gas-Shift Catalysts for Sustainable Liquid-Fuel Production*

Jing Li • Economics, Dissertation Title: *Essays on Health Economics* Rachel Kathryn Lienesch • Political Science, Dissertation Title: *Racial Politics of the White Left and Beyond*

Seunghwan Lim • Economics, Dissertation Title: *Essays on Communication and Information in Game Theory*

Yang Liu • Mathematics, Dissertation Title: Sparsification, Online Optimization, and Maximum Flow in Almost Linear Time

Yu Ting Liu • Physics, Dissertation Title: *Bootstrapping Scattering Amplitudes in N=4 Super-Yang-Mills Theory*

Yingdan Lu • Communication, Dissertation Title: *Performative Propaganda Engagement: How Celebrity Fandom Engages with State Propaganda in China*

Sammy Yiru Luo • Mathematics, Dissertation Title: *Methods for problems in generalized Ramsey theory*

Wyatt Tyrrell Mackey • Mathematics, Dissertation Title: *A* parameterized Adams spectral sequence for topological data

Rachel Elicia Mardjuki • Chemistry, Dissertation Title: *Mapping the therapeutic checkpoints of the STING pathway*

Maria Florence Massucco • Italian, Dissertation Title: *Woundedness* and Reintegration: The Phenomenology and Transmission of Women's Trauma in Modern and Contemporary Italy

Leah Katherine Matchett • Political Science, Dissertation Title: *The Domestic Politics of Defense in the U.S.* Congress

Thomas Edward McDonald Jr. • Comparative Literature, Dissertation Title: *Reinventing the Politics of Literature: Rediscovery, Ritual, and Reference as Concepts of Repetition in the Works of Peter Handke and Lee Yangji*

Austen Drew McDougal • Philosophy, Dissertation Title: *Motives as the Heart of Ethics and Agency*

Julia Lee Melin • Sociology, Dissertation Title: Upskilled and Reskilled: How Gender Shapes Career Transitions in the New Economy Jatadhari Mishra • Applied Physics, Dissertation Title: Classical and Quantum Light Sources in Thin-film Lithium Niobate Waveguides **Theodor Jakub Misiakiewicz** • Statistics, Dissertation Title: Learning with neural networks in high dimensions

Aditya Mukund • Biophysics, Dissertation Title: *Computational* and experimental approaches to understanding mammalian gene regulation with synthetic biology

Justin Myles • Physics, Dissertation Title: *Combining Spectroscopic and Imaging Galaxy Surveys for Improved Measurements of Large-Scale Structure*

laroslav Naprienko • Mathematics, Dissertation Title: Combinatorics of integrable lattice models

Victor Frank Naturale • Biology, Dissertation Title: An E-cadherin and PAR-3-based Symmetry Breaking Mechanism Translates Stable Cell/Cell Contacts into Coordinate Tissue Polarity in C. elegans Intestinal Epithelial Cells

Paul Gregory Nauert • History, Dissertation Title: *Climate Crucible: American Choices in Germany, Japan, & the Making of the Great Acceleration, 1939-1953*

Aaron Matthew Neiman • Anthropology, Dissertation Title: *Therapy Without Therapists: An Ethnographic Study of e-Mental Health in Australia*

Edwin Ng • Applied Physics, Dissertation Title: *Quantum parametric oscillators coupled in time and frequency domains*

Edward Njoo • Chemistry, Dissertation Title: *Function Oriented Synthesis of Natural Product PKC Modulators and their Analogs*

Ezra James Olson · English, Dissertation Title: *Antho-Logic: The Anthology and 20th Century U.S.* Literature

Ziyi Pan • Chemistry, Dissertation Title: *Open-Air Spray-Plasma Deposition of Moisture Barriers*

Vincent Evan Pane • Chemistry, Dissertation Title: Circular Plastics Economies for Mars and Beyond: 3D Printing a Sustainable Future

Brett Oliver Parker • Political Science, Dissertation Title: *Essays on Judicial Selection and Judicial Behavior*

Casey Wayne Patterson • English, Dissertation Title: *A Darker Form* of Discipline: The Institutional Character of Black Literary Studies, 1969-1999

Elizabeth Louise Paulus • Biology, Dissertation Title: *Ecological* Determinants And Effects Of Manganese Oxidation State And Bioavailability

Agathe Alysse Pernoud • Economics, Dissertation Title: *Essays in Information Economics*

Erika Petersen O Farrill • Linguistics, Dissertation Title: *On the nature of syntactic movement: A study of clausal opacity in Spanish* **John Ryan Peterson** • Physics, Dissertation Title: *Magnetic Field Amplification and Radiation Emission in Relativistic Beam-Plasma Systems*

Huy Tuan Pham • Mathematics, Dissertation Title: *The emergence* of structures in random processes and random graphs

Diogo Pinto Leite De Braganca • Physics, Dissertation Title: Improving Cosmological Predictions: Baryonic Effects and Analytical Techniques in the Effective Field Theory of Large Scale Structure

Gang Hao Poh • History, Dissertation Title: *To Rise from the Ashes: Frontiers in the Age of Civil Wars*

Lauren Elizabeth Pope • Biology, Dissertation Title: *The Role of Monounsaturated Fatty Acids in Ferroptosis*

Lie Qian • Mathematics, Dissertation Title: *Potential Automorphy for General Linear Groups*

Ana Beatriz Ract Pousada • Economics, Dissertation Title: *Essays* on Minimum Wage and Immigration Policy

Samyak Rajanala • Statistics, Dissertation Title: *On some topics in Statistical Learning: Cluster-Aware Lasso and Others*

Ramya Rangan • Biophysics, Dissertation Title: RNA structures in non-coding RNA: from the SARS-CoV-2 genome to S. cerevisiae introns Tamkinat Rauf • Sociology, Dissertation Title: The Inequalities of Well-being and Income

Maxwell Chenming Rong • Economics, Dissertation Title: *Essays in* Labor and Family Economics

Jonathan Francisco San Miguel • Physics, Dissertation Title: Subsystem symmetry and fracton phases of matter

Annina Manuela Sartor • Chemistry, Dissertation Title: Cryogenic single-molecule active control microscopy with fluorescent proteins Rachel Julia Schuh • Economics, Dissertation Title: Essays in Labor Economics

Benjamin Bradbury Seiler • Statistics, Dissertation Title: Applications of Cooperative Game Theory to Interpretable Machine Learning

Ivana L Serrano Lachapel · Biology, Dissertation Title: *Functional modulation of the cytosolic chaperonin TRiC/CCT through small molecule inhibition*

Pablo Howard Seward Delaporte • Anthropology, Dissertation Title: *Ecologies of Care: Migrant Women, Precarious Housing, and the Politics of Eradication in Chile*

Catherine Martha Sirois • Sociology, Dissertation Title: *Governing at the Margins: How the State Manages Children at the Junction of Dependent and Delinquent*

Martin Felix Souchier • Economics, Dissertation Title: Essays in Macroeconomics

Benjamin James Sparkes • Philosophy, Dissertation Title: *Foregone-conclusions*

Daria Chrystyna Storoshchuk • Slavic Languages and Literatures, Dissertation Title: *The Image Between Appearance and Being: Iconic Vision in Ukrainian and Russian Worlds*

Maxwell Joseph Suechting • Modern Thought and Literature, Dissertation Title: *Brass Orchids: Techniques of the Posthuman in Black Popular Music*

Catherine Rose Edith Teitz • Classics, Dissertation Title: *The Best Laid Plans: Assessing Urban Space on Hadrian's Wall*

Maia Ilana Ten Brink • Psychology, Dissertation Title: *Bidirectional Relationships Between Sleep and Affect in Daily Life*

Declan Alexander Liddington Thompson • Philosophy, Dissertation Title: *Algorithms and execution traces*

Marius Aurel Tirlea • Statistics, Dissertation Title: Permutation-Based Inference in Time Series Analysis

Aliz Barbara Toth • Political Science, Dissertation Title: *Of Land and Leviathan: How State-Society Bargaining Shapes Infrastructure in India*

Michael Viet Tran • Biology, Dissertation Title: *Identifying and Understanding Microtubule Associated Proteins*

Austin Craig Van Loon • Sociology, Dissertation Title: Applying Artificial Intelligence to the Sociological Study of Meaning

Stephen Jedidiah Van Wyck • Chemistry, Dissertation Title: *Studies Of Hydrogels And Concentrated Aqueous Ionic Solutions By Optical Kerr Effect*

Sebastian Matthias Wagner-Carena • Physics, Dissertation Title: *Measuring the Unseen Universe With Statistical Vision: Strong Lensing as a Probe of Small-Scale Structure*

Romina Wainberg • Iberian & Latin American Cultures, Dissertation Title: *Against Productivity: Unproductive Writing as Resistance in Early Latin American Fiction*

Jonathon Walters • Psychology, Dissertation Title: *Computational* models in fMRI: from the neural basis of visual recognition memory to predicting brain activation for arbitrary tasks

Jeffrey Bond Wang • Biophysics, Dissertation Title: *Mapping the Whole-Brain Response to Noninvasive Neuromodulation: From Rodents to Humans*

Kathryn M. Winner • English, Dissertation Title: Media, Celebrity, and Personality from the Beats to the New York School

Han Wu • Statistics, Dissertation Title: Causal Inference with Non-Standard Experimental Designs

Yuchen Wu • Statistics, Dissertation Title: Statistical And Computational Problems In Low-Rank Matrix Estimation

Likun Yang • Chinese, Dissertation Title: *Crossing the Empires: Travel Poetry in Southern Song China (1127-1210)*

Cyndia Blaire Yu • Physics, Dissertation Title: *Large-Scale Measurements of the Cosmic Microwave Background*

Jiachen Yu • Applied Physics, Dissertation Title: Local thermodynamic probe of correlated electrons in moiré systems

Alvaro Zamora • Physics, Dissertation Title: *Numerical Studies in Rarefied Gas Dynamics, Cosmological Summary Statistics, and Scalar Field Dark Matter*

Reka Timea Zempleni • Economics, Dissertation Title: Essays on Entrepreneurship and Development Economics

Jiwei Zhang • Economics, Dissertation Title: *Essays in Macro-Finance*

Tianrong Zhang • Economics, Dissertation Title: *Intrahousehold Allocation and Economic Development*

Zhen Zhu • Statistics, Dissertation Title: *Change-point Detection in Mean and Variance*

School of Law Jenny S. Martinez, Dean

Doctor of Jurisprudence DEGREES CONFERRED SEPTEMBER 29, 2022 Alero Egbe Nazc-a-ru Haddad Gonzalez Eunice P. Lee

> **Doctor of Jurisprudence** Degrees CONFERRED JANUARY 12, 2023

Hans Britsch Austin Peters Mathew Mark Davenport Simkovits

*10#Let

Doctor of Jurisprudence DEGREE CANDIDATES, JUNE 18, 2023

Allison I. Aaronson Carolina Abboud **Olamide Abiose** Kioshi Akira Addison-Bell **Daniel J. Ahrens Garrett Medrano Alfstad Bridget Akosua Dufie Amoako** Konadu Abena Amoakuh **Meghan Anand Julia Anne Anderson Scott Alexander Aronin** Lydia M. Bailey Julia Michelle Barrero Joshua P. Barringer Tavlor J. Beardall Sabina Mihaela Beleuz Neagu **Martin Phillip Berger** Tess A. Bissell Afi C. Blackshear **Meredith Leigh Bohen Daniel A. Bojorquez Marc David Brunton Trevor Joseph Byrne Oona Kathryn Cahill Roger Randolph Cain** Jeffrey D. Capelouto **Anais Carell** Maura Carev Aneliese Isabella Castro **Royce S. Chang Joy April Chen** Kylie M. Choi Luke Frederick Churchill **Alison Lovschal Cooney**

Matthew Alan Cullen Lauren E. Davila Jonathan R. Deemer Sabrina G. Devereaux **Erik Clement Dupire-Nelson** William Alexander Eck Andrew Edwards Dakota Foster Aaron Matthew Franklin Erica L. Freeman **Paul Thomas Friedrich** Julia A. Gleason Seth Michael Goldman Jose Luis Gomez Gamez **Eduardo Andres Gonzalez** Hannah Elise Gonzalez Michelle C. Guefen **Seamus Maurice Guerin** August P. Gweon **Tanner Christopher Hanson** Shayla Harris **Kate Elizabeth Healy** Elora A. Henderson Peter Henderson **Anthony Charles Hernandez Sheena Tiffany Hilton** Elizabeth M. Holland **Christine G. Houle Christopher Robin Huberty** Hannah Celeste Hunt Adrienne Irmer Julia Mei Gamble Irwin Eduardo Daniel Jacobo-Arill Jenny H. Jiao Samuel Buckberry Joyce **Karl Hans Kaellenius Grace Kavinsky** Anthony Kayruz Sydney J. Kirlan-Stout Megan S. Koilparampil Seth Borton Kolker Tanner J. Kuenneth Kathrvn Elise Larkin Natalie A. Leifer David Levin **Yi** Li **Cassandra Jennings Lincoln** David Liou **Marisa Lowe** Jared Taylor Lucky Leanna Sofia Lupin

Every effort has been made to ensure the accuracy of the online graduate candidate listings. However, listing online does not guarantee that a degree has been or will be awarded. Confirmation of degrees awarded can be requested from the Office of the University Registrar after June 18, 2023. This document is intended as a souvenir from the Stanford University Commencement ceremony and one time publication. Contact the Office of the University Registrar in the event of any questions about a listing. Any other use, or dissemination, without permission is prohibited. © Stanford University 2023. All rights reserved.

Seamus G. Lynch **Jacob James Maddox Arianne Elise Marcellin-Little Mariah Elise Mastrodimos Craig Maughan** John Miguel McCauley Ann Fg McDonald Killian H. McDonald **Katelyn Erin McEvoy** Paola Gabriela Mendez **Jared Charles Milfred** Briana E. Mittleman **Mohit Mookim Yasmin Moreno** Jennifer Joan Moroney **Bridget Reilly Morrison** Marni Loeb Morse **Alistair Kemmis Murray Garrett David Muscatel** Wilfred C. Navarro Andrew Nemetsky **Ayomide Odunsi Alexander Pecht Darwin Peng Dennis Joerg Poehland** John E. Priddy **Enshan Qu Mark Edward Raftrey** Saraswati Pradipsinh Rathod Raisa S. Reed **Zachary Daniel Rego Grace I. Rehaut Cason Jonathan Bingham Reily Erich Stephen Remiker Jacob Bernard Reses Alana Rhea Reynolds** Ana Ribadeneira **Briana Alberta Roberson** Andres L. Rodriguez Hayden K. Rooke-Ley Tim Rosenberger Jr. **Jacobo Luis Rothner** Joseph T. Rowley **Esau Abdiel Ruiz Ian Edward Sargent Brendan S. Saunders** Jacqueline Marcella Schaeffer Jessica A. Seamands

Catherine Eiko Seita Cicely A. Shannon Nikhil Shiva **Lillian Grace Siegel Daniel David Slate Estizer E. Smith** William L. Smith Sydney Ann Speizman **Audrey Spensley** James D. Stone **Camila Losada Strassle** Joshua Stratmann-Kirmsse Hannah Grace Subega **Christopher L. Suhler Rayne A. Sullivan Caroline A. Sundermeyer** Nathan Vaclav Tauger Alana M. Thyng Marco A. Torres Ivana Maria Valdez **Sergio Valente Robert J. Vogt** Raevyn D. Walker Samuel Alexander Wallace-Perdomo Madeline C. Walsh Lisa Wang John Stevens Weller **Connor Scott Werth** Mark Westwood **Kai Stanton Wiggins Glen Richard Williams Justin Michael Williams Jackson P. Willis Devon S. Wilson** Sadiki Wiltshire Samantha Tess Winston **Mitchell James Wong Amir Wright Caroline G. Wyatt Jeffrey Xia** Jenny Xin Peggy Xu Zijun Xu Alex Z. Xue **Claire Lillie Yerman** Vanessa Rae Young Daniel A. Zahn

30 × 100

Master of Laws

DEGREES CONFERRED JANUARY 12, 2023 Takahiro Sugauchi

Master of Laws

DEGREE CANDIDATES, JUNE 18, 2023

Nathalie Florence Adank **Taral Chandrakant Ajmera** Alejandro Araujo Gaviria **Madina Arturova** Prarthna Baranwal Carolina Barbosa Lima Cunha V Costa Joanna Joaquim Barretto **Christoph Birner** Julia Braga Ribeiro **Alan Campos Elias Thomaz Chun Hay Chan** Worabhatra Chantramitra **Kuan Ling Chen Pedro Enrique Claussen Sagner** Luiza Coelho Guindani Marina Coelho Reverendo Vidal **Mario Cosac Oliveira Paranhos Raymundo De Leon Mendez Guilherme De Toledo Piza** Manushi Satyajeet Desai Veronica Isabel Dibos Nemi **Chengyan Du** Bond Ebubechukwu Eke Opara **Krizia Yvette Fabico** Alejandra Felix Caballero Angela Katrina Feria **Pierre Jules M Ferran Gustavo Ferrari Chauffaille** Yasmin Ferreira Tayar Caio Lucas Gabra De Almeida Jashaswi Ghosh Juan Sebastian Gomez Castro Ashleigh Tayla Gordon Ana Julia Grein Moniz De Aragao **Xuying Gu Ragini Gupta Rafael Helou Bresciani Carolina Herrera Hincapie Ning Hsu** Xin Huang **Carolien Huizing-Bruil** Abdulrasheed Bolaji Ijaodola **Hae Sung Jeong** Satya Jha Eva Victoria Kadi Keita **Eunyoung Kim** Hye Soo Kim Mariah Mumbi Kirubi Takuya Kogashiwa **Rioko Koizumi** Veena Kolachina Atsushi Kono

Yumiko Kuroda Yi Hsun Lin **Bo Sing Liu Sharon Mathew** Valentina Akiko Mendoza Hombo Fabio Moretti De Gois Varun Natarajan **Chiara Neirotti** Camila Otani Nishi Natchaya Pichetsatha Matteo Pistillo Kiratika Poonsombudlert Virgilio Porto Linhares Teixeira **Felipe Procopio Soares Maia** Andri Rizki Putra Sabrina Ramos Luciano Rebagliati Castro Larissa Santiago Gebrim Nikolaus Wilhelm Schroeder Shruti Sethi **Hyewon Shin** Maria Alejandra Soler Rangel Anna Starkova **Christine Strauss** Apoorva Sundar Bruno Cezar Toledo De Conti Sophia Tsai **Rodrigo Jose Turcios Zacarias** Sho Udagawa Tsai Hsuan Wu Taku Zakoji Jingjia Zhang **Xuting Zhang**

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Master of the Science of Law DEGREES CONFERRED SEPTEMBER 29, 2022 Netanel Lousky

30 × 10 × 10 ×

Master of the Science of Law DEGREE CANDIDATES, JUNE 18, 2023

Yotam Berger Sae Hee Hong You Li Kai Fang Lin Georg Frederic Johann Lorenz Maria Manuela Palacio Villarreal Nidhi Singh Michael Howard Farai Thorburn

No.

Doctor of the Science of Law DEGREE CANDIDATES, JUNE 18, 2023

Tai-Jan Huang • Dissertation Title: Patent Incentives and University Scientists: A Case Study of the Bayh-Dole Model in Taiwan **Thiago Nascimento dos Reis** • Dissertation Title: Essays on Pretrial Detention Decision-Making: Evidence from Brazil

School of Medicine Lloyd B. Minor, Dean

Master of Science DEGREES CONFERRED SEPTEMBER 29, 2022

Alexander Magna Bhatt • Epidemiology and Clinical Research Rong Shen Chen • Epidemiology and Clinical Research

Christian Andrew Choe • Medicine

Polina Davidenko • Epidemiology and Clinical Research Brooke Elizabeth Forde • Epidemiology and Clinical Research Kelly Ann Garvey • Community Health and Prevention Research Jesus Omar Gomez • Community Health and Prevention Research Philip Hernandez • Neurosciences

Alyssa Celia Jerome • Community Health and Prevention Research Ha Jin Kim • Epidemiology and Clinical Research

Zoe Elizabeth King • Community Health and Prevention Research Travis C. Lantz • Medicine

Giselle Lopez-Echeverria • Laboratory Animal Science Uche Noble Medoh • Medicine

Julia Pangalangan • Community Health and Prevention Research Caroline Regina Pecos-Duarte • Community Health and

Prevention Research

Valerie Jane Przekop • Biomedical Informatics

Beatriz Gwendolyn Robinson • Medicine

Gladys Magaly Rodriguez • Epidemiology and Clinical Research **Rishabh Shah** • Community Health and Prevention Research **Masahiro Shimada** • Health Policy

Aaron Sossin • Biomedical Informatics

Samuel Crandall Thomas • Health Policy

Whitney Norris Watts • Community Health and Prevention Research

Elizabeth Ziola • Community Health and Prevention Research

Ne C

Master of Science DEGREES CONFERRED JANUARY 12, 2023

Zainub Dhanani • Health Policy

Victoria Frances Franco • Community Health and Prevention Research

Malika Kumar Freund • Human Genetics and Genetic Counseling Sophia Libi Gibbs • Epidemiology and Clinical Research

Samantha Victoria Goncalves • Epidemiology and Clinical Research

Vered Lev • Community Health and Prevention Research Yiran Emily Liu • Cancer Biology

Noah Jordan Agcolicol Magbual • Community Health and Prevention Research

Juan Carlos Ruiz Malagon • Community Health and Prevention Research

Stav Spinzi • Community Health and Prevention Research Hsu-Hang Yeh • Biomedical Informatics

Master of Science

DEGREES CONFERRED APRIL 6, 2023

Daniel Francisco Acevedo • Physician Assistant Studies Gary Lavon Burnett • Biomedical Informatics Kyna Aislinn Byrd • Laboratory Animal Science Kathy Dao • Physician Assistant Studies Yousra Elsir • Physician Assistant Studies Jacqueline Fung • Human Genetics and Genetic Counseling Matthew Ryan Gardner • Physician Assistant Studies Sofia Georghiou • Physician Assistant Studies Heidi Elizabeth Greene • Physician Assistant Studies Jordan Victoria Guerrero • Physician Assistant Studies Celine Hakimianpour • Physician Assistant Studies Chanae Hardamon • Community Health and Prevention Research Seth Ari Sim-Son Hoffman • Epidemiology and Clinical Research Christopher Ray Hughes • Genetics Matthew Irvin • Physician Assistant Studies Youn Soo Jung • Epidemiology and Clinical Research Jonica Yu Kao • Physician Assistant Studies Caitlin Kerwin • Physician Assistant Studies Monica Lanning • Physician Assistant Studies Araliz Ledesma-Mendoza • Community Health and Prevention Research Theresa Lii • Epidemiology and Clinical Research Yuning Liu • Community Health and Prevention Research Patrick Lowery • Physician Assistant Studies Sophia Luo • Epidemiology and Clinical Research Nicholas Anthony Midler • Biomedical Informatics Santosh Mohan • Biomedical Informatics Bhek Morton • Genetics Srikar Rao Nallan • Biomedical Informatics Mia Navarro • Epidemiology and Clinical Research Ariana Kaya O'Malley • Physician Assistant Studies Abby Schlichting Pandya • Biomedical Informatics Danielle Mari Panelli • Epidemiology and Clinical Research Christine Pham • Physician Assistant Studies Amanda Lauren Rabe • Cancer Biology Paolo Ceasar Reyes Rendon • Physician Assistant Studies Kristin Mariko Sato • Physician Assistant Studies Kelsey Rose Scherer • Physician Assistant Studies Jacob Scholl • Physician Assistant Studies Shannon Shieh • Physician Assistant Studies Amanda Lynn Stacey • Physician Assistant Studies Margaret Rose Sullivan • Physician Assistant Studies Zachary Matthew West • Physician Assistant Studies Jimmy Zheng • Epidemiology and Clinical Research

Every effort has been made to ensure the accuracy of the online graduate candidate listings. However, listing online does not guarantee that a degree has been or will be awarded. Confirmation of degrees awarded can be requested from the Office of the University Registrar after June 18, 2023. This document is intended as a souvenir from the Stanford University Commencement ceremony and one time publication. Contact the Office of the University Registrar in the event of any questions about a listing. Any other use, or dissemination, without permission is prohibited. © Stanford University 2023. All rights reserved.

No.

Master of Science

DEGREE CANDIDATES, JUNE 18, 2023 Wyatt Andersen • Physician Assistant Studies Jessica Rose Ansari • Epidemiology and Clinical Research Angel Arnaout • Clinical Informatics Management Shikha Avancha • Clinical Informatics Management Kristi Bartholomay • Epidemiology and Clinical Research Kaleigh Joyelle Beacham • Laboratory Animal Science Kaya C. Branche • Community Health and Prevention Research Kanika Chandra • Clinical Informatics Management Sai Parveen Teja Chemudupati • Clinical Informatics Management Tracy Chidyausiku • Epidemiology and Clinical Research Sara Ruth Choy • Community Health and Prevention Research Richard A. Coca • Community Health and Prevention Research Kendall Michelle Coden • Laboratory Animal Science Madeline Glenn Dailey • Biomedical Informatics Srijana Davuluri • Epidemiology and Clinical Research Sohayla Tamer Eldeeb • Community Health and Prevention Research

Megan Gabrielle Eluhu • Clinical Informatics Management Peter Feinberg • Clinical Informatics Management John Feister • Health Policy

Noah Dennis Fields • Biomedical Informatics

Michelle Amber Frees • Human Genetics and Genetic Counseling Ethan Zhong Min Goh • Clinical Informatics Management Justin Lorenz Gomez-Stafford • Human Genetics and Genetic Counseling

Ryan Wonhee Han • Biomedical Informatics

Anna Elizabeth Harmeling • Community Health and Prevention Research

Caitlin Nicole Harrington • Human Genetics and Genetic Counseling

Saadiya Abdul Ahad Hawa • Epidemiology and Clinical Research Charlotte T. Hoffs • Community Health and Prevention Research Taylor Renee Shorten Jacobs • Human Genetics and Genetic Counseling

Cheng Wei Jan • Human Genetics and Genetic Counseling Behnaz Jarrahi • Clinical Informatics Management Saachi Jhandi • Community Health and Prevention Research Tiffany En Jiang • Epidemiology and Clinical Research Christina Johnson • Epidemiology and Clinical Research

Jordan Louis Kaplan • Epidemiology and Clinical Research Yousuf Anwar Khan • Biomedical Informatics

Yeoung Keoung Kim • Clinical Informatics Management McKenna Elizabeth Kumnick • Human Genetics and Genetic Counseling

John Layton • Community Health and Prevention Research Chenyu Li • Biomedical Informatics

Kathleen Lacar • Clinical Informatics Management

Jordan John Santos Lee • Epidemiology and Clinical Research Moon Oh Lee • Clinical Informatics Management Zhuo Jun Li • Epidemiology and Clinical Research Clarissa Shu Wei Lim • Clinical Informatics Management Fan Liu • Biomedical Informatics Stephanie Felicia Loekman • Medicine Honor Shannon Magon • Clinical Informatics Management Maria Mandel • Clinical Informatics Management Krishna Martinez-Singh • Epidemiology and Clinical Research Garret Kenn Morris • Clinical Informatics Management Bryce Charles Murray • Human Genetics and Genetic Counseling Thy Nguyen • Epidemiology and Clinical Research Jesutofunmi Adesanmi Omiye • Health Policy Ana Elisa Pacheco-Navarro • Epidemiology and Clinical Research Pooja Parameshwar • Epidemiology and Clinical Research Sophie Jasmin Parsa • Biomedical Informatics Rachel Pedreira • Clinical Informatics Management Kaylynn Madeline Helen Purdy • Health Policy **Diego Quintero** • Human Genetics and Genetic Counseling Nicholas Andres Quiroz Cruz • Clinical Informatics Management William Justice Reeves • Physician Assistant Studies Kiara Anesu Revels • Community Health and Prevention Research Neda Sattarnezhad Oskouei • Epidemiology and Clinical Research Kendall Therese Schmidt • Human Genetics and Genetic Counseling

Ethan Schonfeld • Biomedical Informatics

Matthew Harold Schwede • Biomedical Informatics Cherrelle Smith • Clinical Informatics Management Sahana Somasegar • Epidemiology and Clinical Research Jonathan Dale Strope • Physician Assistant Studies James Tai • Clinical Informatics Management

Michaela Alyse Taylor • Human Genetics and Genetic Counseling Emily Mary Ann Teehan • Community Health and Prevention Research

Sahil Karan Tembulkar • Health Policy

Astrid Gabriela Torres Zapata • Human Genetics and Genetic Counseling

Lamrot Mulugeta Tulu • Human Genetics and Genetic Counseling Jemal Vaunado II • Human Genetics and Genetic Counseling Marlon Joseph Washington • Community Health and Prevention Research

Haley Elise Weiner • Physician Assistant Studies Shixiong Weng • Community Health and Prevention Research Margaret Anna Wenzlau • Clinical Informatics Management

Shiqin Xu • Clinical Informatics Management Chelsea Ye • Clinical Informatics Management

Jiayi Zhao • Health Policy

Margaret Zhou • Epidemiology and Clinical Research

33 Here

Doctor of Medicine

DEGREES CONFERRED JANUARY 12, 2023

Kush Gupta

Doctor of Medicine

DEGREES CONFERRED APRIL 6, 2023

Norma Dennisse Jimenez Ramirez Xichong Liu Meagan Elise Peterson Jennia Rajaei Jessica Lauren Vernon Yuan Zhang Jimmy Zheng

Doctor of Medicine

DEGREE CANDIDATES, JUNE 18, 2023

Tasnim Ahmed David Morgan Altman Adeoluwa Segilola Ayoola **Henry Bair Thomas Christopher Beck Nicolas Jorge Betancourt Antonio Chahine Antonia Chan Marcello Kendrew Chang Anthony Frank Cordova Michael Dacre Drew Thomas Daniel Adrian Chavez Delgado Alexis Ann Doyle Annika Madsen Dries** Ghida El Banna **Kieran Charles Ryan Fox Omar Sanchez Garcia Jason Gomez** Joshua Daniel Guild Margaret Gan Guo Joy Qiyue He **Olivia Marie Hess** Lugman Hodgkinson **Nicholas William Fackler Hug** Tanvi Jayaraman **Eric Jenkins** Alexander Hai Jin **Joseph Robert Johnson**

Gabriel Joseph Lauren Priscilla Joseph Ashley Hanna Jowell Jason W. Khoo **Olivia Marie Lansinger Crystal Lin** Akshay J. Maheshwari **Anoop Manjunath** Shamik Mascharak **Erin McShane Daniel Alexander Mokhtari Georgia Grace Moody** Peter Kim Moon **Bianca Mulaney** Michael Jason Nedelman Nathan Ng Alana Elizabeth O'Mara **Benjamin John Ober-Reynolds Stacie Laurie Ong** Pooja Parameshwar Laura Catherine Polding **Christopher John Puntasecca** Nada Marie Rizk **Adrian John Rodrigues** Samuel J. S. Rubin Madeline Ryu **Madeleine Scott** Sarah Kate Selling **Ryan Andrew Seltzer** Soleil Shah Vinita Shivakumar **Benjamin Smith** Jodi So **Dillon Stull** Joshua Cole Taylor Seth Stravers Tigchelaar Veronica Toro Arana Abd Al-Rahman Traboulsi Quan Le Tran **Pavin Hoi Trinh Avin Veerakumar Michael John Veit** Jessica Rose Verhein Harsh Wadhwa Allan Rehn Wang **Jeffrey Bond Wang** Zoe Leah Weissberg **Christine Liu Xu** Moosa Hasan Zaidi Anna Elizabeth Zeidman

N. Let

Doctor of Philosophy

DEGREES CONFERRED SEPTEMBER 29, 2022

Rachael Caelie Aikens • Biomedical Informatics, Dissertation Title: Using the Prognostic Score to Design Stronger Observational Studies **Moh Lik Roy Ang** • Genetics, Dissertation Title: Widespread epistasis among beneficial genetic variants revealed by high-throughput genome editing

Margaret-Mary Lundy Antonio • Biomedical Informatics, Dissertation Title: Using ancient human genomes to uncover temporal and spatial population dynamics

Rebeccah Camille Brewer • Immunology, Dissertation Title: Antigen-Driven B Cell Responses In RA And SARS-COV-2 Vaccination

Garrison Kent Buss • Molecular and Cellular Physiology, Dissertation Title: *The Centriole Engagement Linker Controls Centrosome Number and Contributes to Cytoskeletal Patterning in Large Cytoplasms*

Elizabeth Tsu-Mien Chin • Biomedical Informatics, Dissertation Title: *Statistical and algorithmic approaches for health policy and fairness*

Raphael Ryuichi Eguchi • Biochemistry, Dissertation Title: *Deep Generative Modeling for Structure-Guided Protein Design*

Corey Angelea Fernandez • Neurosciences, Dissertation Title: Building Integrated and Structured Memory Representations During Goal-Directed Learning

Jessica Hinman • Epidemiology and Clinical Research, Dissertation Title: *Flexible Design and Analysis Methods in Diverse Data Sources for the Evaluation of Progressive Neurological Diseases*

Konstantin Kaganovsky • Neurosciences, Dissertation Title: Adaptable Behavior From Anatomically Fixed Neural Circuits. Investigations Into The Synaptic Bases Of Learning And Ethanol Pharmacology

Laurynas Kalesinskas • Biomedical Informatics, Dissertation Title: Methods for leveraging heterogeneity in gene expression and singlecell epigenetic data for systems immunology

Alexander Kern • Genetics, Dissertation Title: *Dissecting pathwaylevel complex traits in yeast*

Eshed Margalit • Neurosciences, Dissertation Title: A Unified Model of the Structure and Function of Primate Visual Cortex

Erin Francis McCaffrey • Immunology, Dissertation Title: *Unraveling the immunological ecosystem of human tuberculosis*

Katelyn Hettie McKown • Genetics, Dissertation Title: *Investigating a core family of bHLH transcription factors in the regulation of stomatal development in Brachypodium and Arabidopsis*

Jasmine Shannon Moshiri • Microbiology and Immunology, Dissertation Title: *Mechanical force sensing drives extrusion of Enterovirus 71 infected cells from colonic epithelial organoids*

Luis Carl Rios • Chemical and Systems Biology, Dissertation Title: *Targeting an allosteric site in dynamin-related protein 1 to inhibit Fis1-mediated mitochondrial dysfunction*

Nicholas Alexander Sinnott-Armstrong • Genetics, Dissertation Title: *Molecular Mechanisms Underlying the Genetic Architecture of Complex Traits*

Dorothy Tovar • Microbiology and Immunology, Dissertation Title: *CALCOCO2, a positively selected gene in bats, has differential effects on host susceptibility to bacterial infection*

Joshua Tycko • Genetics, Dissertation Title: Systematic Discovery Of Transcriptional Effectors And Integrases In Human Cells

Kimberly Stefany Vasquez • Microbiology and Immunology, Dissertation Title: *Mapping bacterial colonization dynamics and evolution within the mammalian host*

Aaron James Wilk • Immunology, Dissertation Title: *Immune* polyphony: dissecting coordinated multicellular networks of antiviral immunity

پي Doctor of Philosophy

DEGREES CONFERRED JANUARY 12, 2023

Tamar Perla Feldman • Microbiology and Immunology, Dissertation Title: *Uncovering host cell responses to malaria infection in the hematopoietic niche*

Emily Grace Hamilton • Cancer Biology, Dissertation Title: *Genetic and epigenetic features of cell-free DNA for the early detection of lung cancer*

Nicholas William Hughes • Genetics, Dissertation Title: Development of CRISPR-Based Barcoding Tools for Single Cell Genomics in Cancer

Garam Kim • Neurosciences, Dissertation Title: *Expanding* therapeutic targets for ALS: a novel CRISPR screen for regulators of ALS protein Ataxin-2

Dongsoo Lee • Neurosciences, Dissertation Title: *Visual Motion Generates Predictive Inhibition in the Retina*

Siddharth Menon • Stem Cell Biology and Regenerative Medicine, Dissertation Title: Understanding The Role of Skeletal Stem Cells in Craniofacial and Skeletal Bone Disease

Bryan Douglas Merrill • Microbiology and Immunology, Dissertation Title: *Discovery of lifestyle-associated microbes*, *pathogens*, and bacteriophages through deep metagenome sequencing of the gut microbiome

Kevin Andrew Nuno • Cancer Biology, Dissertation Title: *Epigenetic* and Regulatory Evolution in Relapsed Acute Myeloid Leukemia

Gregory Adam Reeves • Genetics, Dissertation Title: *The African turquoise killifish, Nothobranchius Furzeri, as a model for genetic regulation of suspended animation phenotypes.*

Sarah Ruddle • Microbiology and Immunology, Dissertation Title: *Multi-omics reveals Salmonella-liberated dietary L-arabinose promotes expansion in superspreaders*

Thomas Reed Silvers • Cancer Biology, Dissertation Title: Detecting Adaptive Regulatory Evolution In Cancer Using Copy Number Alterations And A Generalized Sign Test

Andrew Lewis Spencley • Cancer Biology, Dissertation Title: Unexpected effects of enhancer-promoter distance uncover cotranscriptional genome surveillance by HUSH

Doctor of Philosophy

DEGREES CONFERRED APRIL 6, 2023

Mohamed Ameen • Cancer Biology, Dissertation Title: *Modeling Human Biology and Complex Diseases with iPSCs*

Robert Forrest Bierman • Biochemistry, Dissertation Title: Statistical analysis supports pervasive RNA subcellular localization and alternative UTR regulation

Heidi Isabel Chen • Developmental Biology, Dissertation Title: Computational and functional studies on the genomic basis of vertebrate traits

Kevin Olegario Goncalves • Structural Biology, Dissertation Title: Allosteric communication, assembly, and nucleotide hydrolysis in group II chaperonins

Victoria Guadalupe Hernandez • Neurosciences, Dissertation Title: *Translatome analysis reveals microglia and astrocytes to be distinct regulators of inflammation in the hyperacute and acute phases after stroke*

Laura Jane Keller • Chemical and Systems Biology, Dissertation Title: Using chemical tools to identify and inhibit serine hydrolases in commensal bacteria

Julie Hyunjee Ko • Cancer Biology, Dissertation Title: Investigating drivers of small cell lung cancer progression and metastasis

Ruben Helmut Land • Neurosciences, Dissertation Title: *Neurons alter endoplasmic reticulum exit sites to accommodate dendritic arbor size*

Benjamin John Ober-Reynolds • Genetics, Dissertation Title: Nucleic Acids As Direct Effectors In Gene Regulation: From Argonaute Proteins To Scalp Epigenomics

Kelley Marie Paskov • Biomedical Informatics, Dissertation Title: Using family sequencing data to understand sequencing errors, meiotic crossovers, and disease risk

Nalin Joseph Ratnayeke • Chemical and Systems Biology, Dissertation Title: *Temporal Regulation of DNA Replication at the G1/S Transition of the Cell Cycle*

Christopher Michael Ritchie • Biochemistry, Dissertation Title: *Regulatory mechanisms of the anti-cancer cGAMP-STING pathway* **Julien George Roth** • Stem Cell Biology and Regenerative Medicine,

Dissertation Title: Engineering Biomimetic Models of Human Brain Development

Jia Ying Toh • Immunology, Dissertation Title: *Multi-modal analyses* for the identification of immune characteristics in viral infections and associated human disease

David Yao • Genetics, Dissertation Title: Systematic characterization of gene regulatory interactions with high-throughput CRISPR screens

Doctor of Philosophy

DEGREE CANDIDATES, JUNE 18, 2023

Brooks Avery Benard • Cancer Biology, Dissertation Title: Integrating Features of Clonal Evolution in the Modeling of Disease Risk and Drug Sensitivity in Acute Myeloid Leukemia

Ellen Lara Bouchard • Developmental Biology, Dissertation Title: Myelination in the Central Nervous System is Fine-Tuned by an Antagonistic Interaction between Lysosomal Regulators

Anthony Michael Boutelle • Cancer Biology, Dissertation Title: Understanding tumor suppression through the p53 target gene network

Alex Chan • Health Policy, Dissertation Title: *Who Gets What in Healthcare and Why*

Peter James Chou • Biochemistry, Dissertation Title: *Technologies for Mapping the Spatial Architecture of Complex Tissues*

Rebecca Neal Culver • Genetics, Dissertation Title: *Longitudinal Intestinal Microbiome Collection And Cultivation Reveals Site-Specific Compositions And Functions*

Oscar Ramon Diaz • Microbiology and Immunology, Dissertation Title: *Profiling Of Salmonella Transcriptional Kinetics During Macrophage Infection Using A Comprehensive Reporter Library*

Jonas Lee Fowler • Stem Cell Biology and Regenerative Medicine, Dissertation Title: Understanding and recapitulating blood development for safe cell therapies

Katherine Ann Freitas • Immunology, Dissertation Title: Investigating Regulatory Mechanisms Of T Cell Effector Function Samantha Rose Golf • Neurosciences, Dissertation Title: Dissecting the function of astrocytic synaptic cell adhesion molecules Joshua Daniel Guild • Stem Cell Biology and Regenerative

Medicine, Dissertation Title: *Mapping cellular and molecular* programs for ultra-rapid alveolar epithelial regeneration

Meagan Hamblin • Microbiology and Immunology, Dissertation Title: *Identifying Virulence Factors That Enable Salmonella enterica serovar Typhi Replication in Human Macrophages* Joy Qiyue He • Stem Cell Biology and Regenerative Medicine, Dissertation Title: *Identification And Characterization Of Human Neural Stem And Progenitor Cells*

Kathleen Heng • Neurosciences, Dissertation Title: *Vision Restoration in a Newly Characterized Porcine Model of Optic Neuropathy*

Lynnette Nthenya Jackson • Structural Biology, Dissertation Title: *HIV-1 Viral RNA Structure Regulates Both Initiation Of Reverse Transcription And Protein Synthesis*

Kayla Christian Kobak • Genetics, Dissertation Title: *Single Cell Examination of the Human Placenta*

Chien-Ling Lee • Molecular and Cellular Physiology, Dissertation Title: *Structure and thiazide inhibition mechanism of the human sodium-chloride cotransporter*

Myung Chang Lee • Cancer Biology, Dissertation Title: *Investigating* genetic and cellular determinants of small cell lung cancer initiation and progression.

Irene Li • Cancer Biology, Dissertation Title: *Spatial and* molecular analysis of growth patterns in the lung adenocarcinoma microenvironment

Sasidhar Sathya Madugula • Neurosciences, Dissertation Title: Retinal Ganglion Cell Responses to Extracellular Stimulation for High-Fidelity Vision Restoration

Dylan Gabriele Maghini • Genetics, Dissertation Title: *From genomes to populations: measuring the microbiome at small and large scales*

Shamik Mascharak • Stem Cell Biology and Regenerative Medicine, Dissertation Title: *Mechanisms of Postnatal Mammalian Skin Regeneration*

Elisabeth Meyer • Biochemistry, Dissertation Title: *Reducing* reference usage in detection of regulated RNA processing

Beatriz Gwendolyn Robinson • Neurosciences, Dissertation Title: The role of Caspr2 in ASD-related gastrointestinal dysfunction

Megan Deakins Roche • Epidemiology and Clinical Research, Dissertation Title: The More Complete Female Athlete: Physical Health, Mental Health, and How We Talk About It

Alexandra Frances Adams Sockell • Genetics, Dissertation Title: *A microwell platform for high-throughput longitudinal phenotyping and selective retrieval of organoids*

Daniel Nicolas Sosa • Biomedical Informatics, Dissertation Title: Contexts and Contradictions: Reasoning with Science for Literature-Based Drug Repurposing

Teodorus Theo Susanto • Genetics, Dissertation Title: *Investigating translational machinery heterogeneity across cell types, development, and diseases*

Michael Aaron Swift • Chemical and Systems Biology, Dissertation Title: Generation and Maintenance of Diversity in the Human Immune System

Jessica Rose Verhein • Neurosciences, Dissertation Title: Sensory and pharmacologic perturbations to explore cognitive and movement correlates in motor cortical population activity

Erik Wiesehan • Health Policy, Dissertation Title: *Finding Value in Birth: Quality Improvement, Cost Reduction, and Trends in Child and Maternal Health Outcomes*

Guy Wilson • Neurosciences, Dissertation Title: *Algorithms for highperformance communication brain-computer interfaces*

Bokai Zhu • Microbiology and Immunology, Dissertation Title: Spatial multiomics tools to study interaction between microbiology and immunology

Stanford Doerr School of Sustainability Arun Majumdar, Dean

Bachelor of Science

DEGREES CONFERRED SEPTEMBER 29, 2022

Annabel Bailey Conger • Geophysics Patrick Joseph Monreal • Earth Systems, Departmental Honors Program, with Distinction Sebastian Alonso Perez-Lopez • Geological Sciences, with Distinction

Bachelor of Science

DEGREES CONFERRED JANUARY 12, 2023

Steven G. Azzano • Energy Resources Engineering Emily Summer Elliott • Earth Systems Chloe Rachelle Gould • Earth Systems Jared Thomas Isobe • Geophysics Alisha Uday Jani • Earth Systems Ilinca Maria Popescu • Earth Systems, Departmental Honors Program

No the second

Bachelor of Science

DEGREES CONFERRED APRIL 6, 2023 Sonja Marie Hansen • Earth Systems Isabella Fate Sullivan • Earth Systems

No.

Bachelor of Science

DEGREE CANDIDATES, JUNE 18, 2023 Hussam Ibrahim M Algallaf • Energy Resources Engineering Greyson Ayi Francks Assa • Earth Systems Tierra Barbara Baird • Earth Systems Caroline Frances Blythe • Earth Systems Jonathon Lee Golden Borja • Earth Systems Zachary C. Boyd • Earth Systems Trevor W. Cambron • Earth Systems, Departmental Honors Program Natalie Gabrielle Kathryn Cross • Earth Systems, Departmental Honors Program Kelly H. Dunn • Earth Systems, with Distinction Lindsay Jane Filgas • Earth Systems Anissa Foster • Earth Systems Xavier Alexander Gomez • Earth Systems Marshall Burdair Hartung • Energy Resources Engineering Benjamin Melville Hodder • Earth Systems Joshua Andrew King • Earth Systems Mehdi Jean Lacombe • Earth Systems Lily Kagaju Laugharn • Earth Systems Jasmine Adriana Lizardo • Earth Systems Janica Mendillo • Earth Systems William Douglas Ogden • Earth Systems

Sebastian W. Poler • Geophysics, Departmental Honors Program, with Distinction

Dylan Michael Schuler • Earth Systems Abigail A. Varney • Earth Systems Hannah Elizabeth Tracy Young • Earth Systems Katherine J. Zhang • Earth Systems

No.

Master of Arts

DEGREES CONFERRED SEPTEMBER 29, 2022 Valory Margaret Banashek • Sustainability Science and Practice Alexandra Paschen Brainerd • Earth Systems

No.

Master of Arts

DEGREES CONFERRED JANUARY 12, 2023 Bud James Nelson • Sustainability Science and Practice

No market

Master of Arts

DEGREES CONFERRED APRIL 6, 2023 Annie Minondo • Sustainability Science and Practice Isabella Fate Sullivan • Earth Systems

30 M BCF

Master of Arts

DEGREE CANDIDATES, JUNE 18, 2023

Savannah Ardrey • Earth Systems Zachary C. Boyd • Earth Systems Caitlin M. Chicoski • Sustainability Science and Practice Erin Elizabeth Cole • Earth Systems Rachel L. D'Agui • Earth Systems Emily Summer Elliott • Sustainability Science and Practice Lindsay Jane Filgas • Earth Systems Abigail Grace Greubel • Sustainability Science and Practice Kalkidan Lydia Hough • Sustainability Science and Practice Jessica Ihilani Kaull • Sustainability Science and Practice Joshua Andrew King • Earth Systems Komal Kumar • Sustainability Science and Practice Josiah Josef Keoni Quon Rodriguez • Earth Systems Madison Leslie Stamen • Sustainability Science and Practice

30 × 000

Master of Science

DEGREES CONFERRED SEPTEMBER 29, 2022

Annabel Bailey Conger • Geophysics Alexandra Paige Reeves • Sustainability Science and Practice Jeremy Hu-Chin Wei • Earth System Science

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No.

Master of Science DEGREES CONFERRED JANUARY 12, 2023

Marcelo Brasil Silka • Geological Sciences Marianne Meng Coholich • Geological Sciences John R. Foye • Environment and Resources Alisha Uday Jani • Sustainability Science and Practice Giorgi Koreli • Environment and Resources Abigail B. Mathieson • Environment and Resources Eric Chien Nevalsky • Environment and Resources Samantha Rose Ritzer • Geological Sciences Andea Jewel Scott • Energy Resources Engineering Cecilia Rose Endriga Thomas • Geological Sciences Benjamin Mitchell White Jr. • Environment and Resources

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Master of Science DEGREES CONFERRED APRIL 6, 2023

Christina Baladis • Environment and Resources Madeline Y. Bernstein • Earth Systems Thilo Marcel Braun • Environment and Resources William Butcher • Environment and Resources Sheila Cochrane • Earth Systems Royce Gene • Environment and Resources Stephanie Laurel Grayson • Environment and Resources Hannes Harnack • Environment and Resources Alwin Hui • Environment and Resources Pranavi Kethanaboyina • Sustainability Science and Practice Gustavo Adolfo Marguez • Environment and Resources Eun Min Park • Environment and Resources Ashley Keanuheamaikalani Parker • Sustainability Science and Practice Emily Michaelson Rogers • Environment and Resources Amanda Claire So • Environment and Resources

Jonathan Ross Voyles • Geophysics

Kyle Stewart Wolstencroft • Environment and Resources

30 H BE

Master of Science

DEGREE CANDIDATES, JUNE 18, 2023 Konadu Abena Amoakuh • Environment and Resources Greyson Ayi Francks Assa • Sustainability Science and Practice Natalie Gabrielle Kathryn Cross • Earth Systems Antone Cruz • Sustainability Science and Practice Jasmin Lopez Tang Dalsgaard • Sustainability Science and Practice Jordan Danielle Deasy • Sustainability Science and Practice Sabrina G. Devereaux • Environment and Resources Cole Weston Dill-DeSa • Earth Systems Kelly H. Dunn • Earth Systems Anissa Foster • Earth Systems Daniel Ignacio Gajardo Orellana • Environment and Resources Farrah Elizabeth Harris • Geophysics Benjamin Melville Hodder • Earth Systems Luthfan Hafizha Judawisastra • Energy Resources Engineering Thunder Justice Keck • Sustainability Science and Practice Jack Harrison LeVant • Sustainability Science and Practice Zimeng L. Liu • Sustainability Science and Practice

Catherine Tian Luo • Earth Systems Michael Newkirk Mahowald • Earth Systems Alex Edward Maruniak • Earth Systems Katelyn Erin McEvoy • Environment and Resources Kareena Mehta • Energy Resources Engineering Janica Mendillo • Earth Systems Alexander Jisaburo Hamamura Nelson • Earth Systems Javier Peralta • Geophysics Isabelle Loughran Pilson • Sustainability Science and Practice Alana Rhea Reynolds • Environment and Resources Alejandro Blue Schmieder • Earth System Science Fenella Jane Scutt • Sustainability Science and Practice Ian Charles Singer • Sustainability Science and Practice Joshua Stratmann-Kirmsse • Environment and Resources Vrinda Madabushi Suresh • Earth Systems Dhruv Suri • Energy Resources Engineering Matthew Steven Szot • Sustainability Science and Practice Arianna Togelang • Sustainability Science and Practice Amelie Sophie Vavrovsky • Environment and Resources Sohail Waziri • Petroleum Engineering Devon S. Wilson • Environment and Resources Claire Lillie Yerman • Environment and Resources Hannah Elizabeth Tracy Young • Earth Systems

Doctor of Philosophy DEGREES CONFERRED SEPTEMBER 29, 2022

Garrett Michael Albistegui-Adler • Environment and Resources, Dissertation Title: Climate, Social Order and Social Protection: Mechanisms and Moderators in Climate-Related Violent Conflict Dimitrios Ioannis Belivanis • Energy Resources Engineering, Dissertation Title: Information-theoretic approach for upscaling Alexander Robert Blanchette • Geophysics, Dissertation Title:

Structural seismology of the Arabian Plate and volcano seismology near the Red Sea rift margin

Marissa Lynn Childs • Environment and Resources, Dissertation Title: Environmental change and human health: studies on vectorborne disease transmission and wildfire smoke pollution

Ricardo Huntemann Deucher • Petroleum Engineering, Dissertation Title: *Multiscale high-order methods for reactive transport in porous media*

Su Jiang • Energy Resources Engineering, Dissertation Title: Use of deep learning and error correction for data-space inversion and model-based history matching

Yong Do Kim • Energy Resources Engineering, Dissertation Title: A recurrent neural network proxy for production optimization with nonlinear constraints under geological uncertainty

Anna Sabrina Lee • Environment and Resources, Dissertation Title: Learning to be a human alongside the more-than-human world: Navigating information, morality, and sense of self in a social and environmental context

Mary Mae Marcaida • Geological Sciences, Dissertation Title: A Tale Of Two Minerals: Using Isotopes And Trace Elements Of Tourmaline And Zircon To Constrain Fluid And Magma Sources In Diverse Settings Benjamin Mullet • Geophysics, Dissertation Title: The physical interactions of magmas and host rock: Applications to conduit collapse, transcrustal melt storage, and caldera formation

Negar Nazari • Energy Resources Engineering, Dissertation Title: *Microfluidic Studies of Fluid-Fluid Interaction and Multiphase Flow in Fractures and Channels* **Yongsoo Park •** Geophysics, Dissertation Title: *Next-Generation Earthquake Monitoring*

Karissa Suzanne Pepin • Geophysics, Dissertation Title: *On the Use of Interferometric Synthetic Aperture Radar for Characterizing the Response of Reservoirs to Fluid Extraction and Injection at Wells*

Francisca Nava Santana • Environment and Resources, Dissertation Title: *Together in Changing Places: The Role of Social and Affective Dimensions in Conservation and Adaptation Behavior*

Dong Hee Song • Energy Resources Engineering, Dissertation Title: *Functional Neural Network Surrogates Trained On Scarce Data*

Richard George Stockey • Geological Sciences, Dissertation Title: *Early Paleozoic marine environments: linking biogeochemistry, ecophysiology and the fossil record*

Ziyan Wang • Energy Resources Engineering, Dissertation Title: Equation-free high-fidelity algorithms for multiscale reactive systems

Doctor of Philosophy

DEGREES CONFERRED JANUARY 12, 2023 Lauren Abrahams • Geophysics, Dissertation Title: *Wave*

Propagation and Earthquake Rupture Dynamics in Coupled Earth, Ocean, and Ice Systems

Aakash Ahamed • Geophysics, Dissertation Title: Advancing the Use of Remote Sensing Data and Models to Understand Hydrologic Processes in California

Talal Saad M AlShafloot • Petroleum Engineering, Dissertation Title: Investigation Of Mechanical Failure Of Unconventional Rocks And Transport In Resulting Fractures With Implications For Supercritical Carbon Dioxide Storage And Utilization As A Stimulation Agent

Anatoly Aseev • Geological Sciences, Dissertation Title: *Geologic Uncertainties In Faulted Basin Models With Application To The Norwegian North Sea*

Rachel Ragnhild Carlson · Environment and Resources, Dissertation Title: *Climate Resilience in the Coastal Zone: Coral Survival and Regrowth in the Hawaiian Archipelago*

Travis Wellington Clow • Geological Sciences, Dissertation Title: Evolving landscapes realized through the lens of cosmogenic isotopes: Novel applications and new approaches

Stephen Cole Dobbs • Geological Sciences, Dissertation Title: Decoding Geologic Signals Of The Sedimentary Source-To-Sink Pathway With Examples From The Modern And Ancient

Laura Marie Josette Froute • Energy Resources Engineering, Dissertation Title: *High-resolution structural characterization of shale nano-porosity*

Andrew Christer Hume • Environment and Resources, Dissertation Title: Oceanic Influence and Sustainable Development of Large Ocean States

Sergey Klevtsov • Energy Resources Engineering, Dissertation Title: *Multiscale Solver for Subsurface Poromechanical Problems*

Emily Morgan Lacroix • Earth System Science, Dissertation Title: *Revealing the unforeseen role and sensitivity of anoxic protection in soil carbon cycling*

Yusuf Nasir • Energy Resources Engineering, Dissertation Title: Deep reinforcement learning for practical closed-loop reservoir management

Dante Isaac Orta Aleman • Energy Resources Engineering, Dissertation Title: *An Integrated Framework for Production Data Analysis Using Machine Learning and Wavelets*

Jeffrey Scott Rutherford • Energy Resources Engineering, Dissertation Title: *Characterizing The Greenhouse Gas Impacts Of Natural Gas Resources: A Life-Cycle Assessment And Evaluation Of New Aerial Technologies* **Ryan James Schultz** • Geophysics, Dissertation Title: *Managing the risks of (short-term) induced seismicity.*

Jose Ricardo Urteaga Augier • Environment and Resources, Dissertation Title: Examining Factors that Affect Community Participation in Sea Turtle Governance: Lessons Learned from Eastern Pacific Hawksbill (Eretmochelys imbricata) Conservation in El Salvador and Nicaragua

Doctor of Philosophy

DEGREES CONFERRED APRIL 6, 2023

Nathan Willis Ratledge • Environment and Resources, Dissertation Title: *The Economic Impacts of Energy and Climate Technology in the Global South*

Marius Von Essen • Earth System Science, Dissertation Title: Jurisdictional approaches to sustainable resource use: a conceptual and computational analysis

Lijing Wang • Geological Sciences, Dissertation Title: *Integrating data and models for sustainable decision-making in hydrology*

Doctor of Philosophy

DEGREE CANDIDATES, JUNE 18, 2023

Jaewoo An • Energy Resources Engineering, Dissertation Title: Stability Analysis of Sequential Implicit Strategies for Fluid-Structure Interactions in Fractured Porous Media

Caroline Alexa Famiglietti • Earth System Science, Dissertation Title: *Quantifying and mitigating the contribution of model uncertainty to predictions of the terrestrial carbon cycle*

Livia Fulchignoni de Paiva • Energy Resources Engineering, Dissertation Title: *Predictive uncertainty of fluid models*

Gus Henry Greenstein • Environment and Resources, Dissertation Title: *Bureaucracy Matters: Organizational Structure and Performance in Brazil's Protected Areas Agency*

Eleanor Miller Hennessy • Energy Resources Engineering, Dissertation Title: *Equity and Environmental Justice in the Clean Energy Transition in the United States*

Colette LaMonica Kelly • Earth System Science, Dissertation Title: *Quantifying Pacific Ocean nitrous oxide cycling using intramolecular isotope measurements and modeling*

Filippos Kostakis • Energy Resources Engineering, Dissertation Title: *Applied Framework for non-Gaussian Data Assimilation*

Weiyu Li • Energy Resources Engineering, Dissertation Title: Electrochemical transport in energy storage systems

Yuanjun Li • Energy Resources Engineering, Dissertation Title: *Time-Series Production Data Analysis with Deep Learning*

Tapas Peshin • Energy Resources Engineering, Dissertation Title: *Charging Ahead or Leaving Behind?* Climate Change, Air Pollution and Environmental Justice Consequences of Vehicle Electrification in India

Kyle Mitchell Pietrzyk • Energy Resources Engineering, Dissertation Title: *Upscaling and Automation: Symbolic Computational Methods for Multiscale Model Discovery*

Nicole Mayu Travis • Environmental Earth System Science, Dissertation Title: *Understanding the contribution of microbial processes to the concentration and isotopic composition of nitrite in the surface ocean*

Zihan Wei • Geophysics, Dissertation Title: *Multi-phase and multi-scale modeling of environmental flow: from magma dynamics to pollutant transport*