# Stanford University



# 130th Commencement

Saturday, June 12, 2021 & Sunday, June 13, 2021

List of Conferred Degrees and Degree Candidates, 2020-21

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# **Graduate School of Business**

## Jonathan Levin, Dean

#### **Master of Science**

DEGREES CONFERRED SEPTEMBER 24, 2020

**Gregory Maurice Anwar Barrow** • Management

Gonzalo Andres Blanco Estades • Montevideo, Uruguay.

Management

Gowthami Maya Dhir • Management

Hideyuki Eda • Tokyo, Japan. Management

Suruchi Kothari • Management

Olugbenga Oludare Ladejobi • Lagos, Nigeria. Management

Jamal Madni • Los Angeles, California. Management

Erick Marquardt De Araujo • Rio de Janeiro, Brazil. Management

**Ilmir Nasretdinov** • Krasnokholmsky, Russian Federation.

Management

Vijay Raghunathan • Chennai, India. Management

Thiago Soares Mendes Moreira Moraes • Juiz de Fora, Brazil.

Anna Mee Allerslev Tarp • Copenhagen, Denmark. Management

Alejandro Villalobos Ayala • Mexico. Management

Lisa Rebecca Ward • Management

Masahiro Yamamoto • Japan. Management

Takaomi Yukawa • Tokyo, Japan. Management



#### Master of Science

DEGREES CONFERRED JANUARY 7, 2021

Amit Rawal • New Delhi, India. Management



#### Master of Science

DEGREES CONFERRED APRIL 1, 2021

Keyur Kirit Mithawala • Atlanta. Management

Madhu krishna Sivaramakrishnan • Batlagundu, India.

Management



#### **Master of Science**

**DEGREE CANDIDATES, JUNE 13, 2021** 

Pooja Jain • Seattle, Washington. Management

Yao Nicole Wang • Management



# **Master of Business Administration**

**DEGREES CONFERRED SEPTEMBER 24, 2020** 

Eda Bora

Jaime Del Castillo Ugedo • Bilbao, Spain

Tharindu Tharaka Dissanayake

Abhishek Garg • Chandigarh, India

Vikram Jindal

Mafalda Maia de Magalhaes Barros • Braga, Portugal

Julie Myriam T Makelberge • Belgium

Yohanna Antonella Maldonado • Caracas, Venezuela

Rohan Manchanda • India

Zwelihle Brian Mfundisi • Mthatha, South Africa

**Eleony Moorhead** 

Roy Nicolet • Even Yehuda, Israel

Andrea Pasinetti • New York, New York

Prashanth Pinnamaneni • Hyderabad, India

Maxim Sapozhnikov • Ust-Ilimsk, Russian Federation



#### **Master of Business Administration**

**DEGREES CONFERRED JANUARY 7, 2021** 

Pooja Bhardwaj

Alexandra Maria Boboc • Sibiu, Romania

Mindy Chang • San Francisco,

**Meagan Downey** 

Khalil Darien Fuller • Los Angeles, California

**Emily Jennifer Gittins** 

Maya Granit • California

Wen How Edward Hsyeh • Lenexa, Kansas

Abla Akpénè Kossidze

Dan Mandelman • Toronto, Canada

**Zuber Livakat Memon** 

Renee Chantal Motley • Pittsburgh, Pennsylvania

Leeor Mushin • Houston, Texas

Khanh Dung Nguyen • Ho Chi Minh, Viet Nam

Peter Boshard Olson

Fabiola Quinzanos Rodriguez

Eitan Rovero Shein • Mexico City, Mexico

Maitane Sagastuy Artaloitia • Mexico City, Mexico

Alvaro Stolowicz Ras • Montevideo, Uruguay

Talles Tatagiba Martins de Souza

Samantha Tellatin • Springfield, Missouri

Eileen Marie Waris • Glenview, Illinois

Kaoutar Yaiche • Fez, Morocco



### Master of Business Administration

**DEGREES CONFERRED APRIL 1, 2021** 

**David Rogers Aitoro** 

Paul Miki Akpablie • Accra, Ghana

Richard Kyle Clark • Las Vegas, Nevada

Sawyer Clark • Scio, Oregon

Philipp Gabriel Michael Krinner • Strasskirchen, Germany

Tiangi Li • Auckland, New Zealand

**Kyle Scott Mills •** Houston, Texas

Carla Pacini • Miami, Florida

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for Spring Quarter are accurate as of June 8, 2021 after the application to graduate deadline. Confirmation of degrees conferred on June 13, 2021 may be requested from the Office of the University Registrar after June 17, 2021. Contact the Office of the University Registrar in the event of any questions or discrepancies.



#### Master of Business Administration

**DEGREE CANDIDATES, JUNE 13, 2021** 

Adedeji Olayemi Abe • Lagos, Nigeria

Yaa Sakyiwaa Aboagye-Atta William Wesley Adams

Joshua Biodun Adeoye • Mopamuro, Nigeria

Esteban Aguel • Bogota, Colombia

**Michelle Aguinis** 

Clement Akarmann • San Diego, California

Khaled Al-Abbadi

Kelsey Taylor Albright • Boston, Massachusetts Ximena Alvarado Trespalacios • Lima, Peru Jovanna Alvarez • Los Angeles, California

**Ruben Yakov Amar** 

Aneri Amin Alisha Anderson Brian Aovama

Elizabeth Lillian Arce • Tuscaloosa, Alabama

Takara Ashley • Palo Alto, California

Robert Auger • Hampstead, New Hampshire

Maya Shye Avni

Eugene Milimo Awori • Bungoma, Kenya

**Ece Ayda Aygun** 

Azizjon Azimi • Khujand, Tajikistan

Andrew Babbitt Kaitlyn Elaine Baker

Roberto Bandeira de Mello M da Silva • Rio de Janeiro, Brazil

Jordan Samuel Bank • Chicago, Illinois Ryan Barry • Longmeadow, Massachusetts Jessica Alison Barzilay • New York, New York Rebecca Madeline Bauer • Orinda, California Jakob Friedemann Beck • Berlin, Germany Gelila Zenebe Bekele • Addis Ababa, Ethiopia Doralice Belli • Falconara Marittima, Italy

Julie Berez

Mario Cesar Bermudez Cabeza • Mexico City, Mexico

Alokik Bhasin • New Delhi, India

**Anoma Bhat** 

Chanchal Bhoorani • Jaipur, India

George Elledge Bokinsky

**Mary Borowiec •** Summit, New Jersey **Ross Bowen •** Winnetka, Illinois

Abigail Elizabeth Braiman

Georgiana Kingsbury Brooke Brinkley • Locust Valley, New York

Nell Delehanty Brodsky • New York

Olivia Buery Brown • Washington, District of Columbia

Claudio Bruno • Cosenza, Italy

Ankit Buddhiraju

Emily Calkins • Baltimore, Maryland

**Matthew Ryan Calvano** 

**Laura Isabel Cappellin •** Caracas, Venezuela **Alexander Carlisle •** Portola Valley, California **Gregory Victor Caso •** Phoenix, Maryland

Parul Chachra • Ambala, India

**Lisa Li-Shan Chang •** Saratoga, California **Abigail May Chao •** Naperville, Illinois

Jessica Chao • Plano, Texas

Arnab Chatterjee • North Andover, Massachusetts

**Demeng Che** 

Danran Chen • Beijing, China

Jennifer Ruth Chen • La Jolla, California

Junru Chen • Shenzhen, China

**Hye Ryeong Cho · Korea** 

**Jesse Choi** 

Whitney Chu • Houston, Texas Rene Coggins • Phoenix, Arizona

**Elizabeth Rose Coleman** 

**Alexandra Comerford •** Lake Forest, Illinois **Jane Elizabeth Conroy •** Centerville, Ohio

**Erin Elizabeth Cooney •** Bloomfield Hills, Michigan **Jorge Isaac Cordero Enriquez •** Mexico City, Mexico

Audrey Coulter • San Francisco, California John Crawford • Denver, Colorado William Andrew Crown • Chicago, Illinois

Andrew Cryer • Dallas, Texas
Christine Margaret Currie

Neha Dalal

Santiago De Buen Urrutia • Mexico City, Mexico

Elisia De Smet • Michigan

Julian Diego Debenedetti • Potomac, Maryland

David Dever • Spokane, Washington

Nicholas Angelo Diamantoni • Belle Mead, New Jersey
Danielle Hannah Diuguid • Teaneck, New Jersey
Aizhana Dostiyarova • Almaty, Kazakhstan

Yuriy Dovzhansky

John Drago • Boston, Massachusetts

Pieter Naudé Bremer Du Plessis • Hennenman, South Africa

Jon Duane Jr. • California

Ellidia Guan Dupont • Lexington, Kentucky
Juanita Isabel Duque • Medellín, Colombia
Brian Arthur Eckhardt • Paradise Valley, Arizona
Antonio Elosua Cantu • Monterrey, Mexico
John Andrew Elzinga • Chicago, Illinois
Francisco Enriquez • Staunton, Virginia

Anna Epifantseva

Lauren Nicole Felice • Austin, Texas

**Peixuan Feng** 

Eugenio Fernandez Garza Laguera • Monterrey, California

Rodrigo Fernandez Touza • Spain

Ian Andrew Llewellyn Field • Walla Walla, Washington

Sarah Frandsen • Copenhagen, Denmark

**Christopher James Gaertner** 

Neil Gandhi

Michael Ramirez Gants • Lexington, Massachusetts Rodrigo Andres Garcia Vilches • Santiago, Chile Anne Garofalo • Medfield, Massachusetts Kristina Rose Garrido • Newark, California

Anderson Alvaro Gava Müller • Santa Rita, Paraguay

Kevin Harrison Gerner • Wilmette, Illinois

**Alex Victor Gersovitz** 

Francisca Maria Carolina Gilmore • Guayaquil, Ecuador

Mariana Giraldo Moreno • Medellín, Colombia Carlotta Johanna Glatzel • Leipzig, Germany

**Steven Johnston Goldberg George Golinkin •** Houston, Texas

Claudio Xavier Gonzalez Caraza Campos • Mexico City, Mexico

Alexa Grabell • Philadelphia, Pennsylvania Andrew David Griggs • Cincinnati, Ohio Peter Joseph Grogan • Boston, Massachusetts Joan Marie Grubb • Manalapan, New Jersey James Benjamin Gusberg • New Haven, Connecticut

**Marc Habib** 

Brigitte Hackler • Huntington, Indiana

Abdulhamid Haidar • Yabroud, Syrian Arab Republic

Kana Melissa Hammon • Eugene, Oregon

Brendan Patrick Hanrahan • West Roxbury, Massachusetts

Chelsea Susan Harris • Sacramento, California

**Nathan Case Hedgecock** 

Jonathan Tyler Hess • Tuscaloosa, Alabama

Alfredo Guillermo Hinostroza Caballero • Lima, Peru

Timothy Jordan Hoag • Palo Alto, California Mae Hochhauser • New York, New York Seth Michael Hoesman • Ellicott City, Maryland

Nandita Hore • Dhaka, Bangladesh Brenton James Howland • Rye, New York

**Yuhan Huang** 

**Lydia Ann Hylton •** Falls Church, Virginia **Oriekose Esemeje Idah •** Los Angeles, California

Bianca Jackson • Glencoe, Illinois

Shawon Kameron Jackson • University Park, Illinois

**Nathan Michael Jacobson** 

**Sarah Jacobson •** San Francisco, California **Alan Jaime Misrahi •** Mexico City, Mexico

Adesh Surendra Jain • Palos Verdes Estates, California

Chang Xing Jiang • Singapore
Jennifer Rajkumari Kalidoss
Areeba Kamal • Karachi, Pakistan
Roy Kamar • Jounieh, Lebanon

Jisha Kambo

**Shilpa Trichy Kannan** • Potomac, Maryland **Marie Cristine Kaptan** • Zurich, Switzerland **Michael Jacob Katzman** • Ridgewood, New Jersey

Jessica Kaushal • Loma Linda, California

Emily K. Kazam • New York

Dylan Kennedy • Rochester, New York

Ian Kennedy

Jeffrey Kessler • Los Angeles, California
Tara Ghaffari Kheradpir • New York, New York

Canaan Nadim Khoury • Ramallah, Palestinian Territory, Occupie

**Alexander Oh Kim** 

Katherine Jieun Kim • New York, New York

**Edward Whalen Kingsley •** Sherborn, Massachusetts

Daniel Knapp • Morristown, New Jersey
Michal Piotr Kobiela • Palos Hills, Illinois
Allison Kiyomi Koblick • Ross, California
Jayanth Kocherlakota • Newburgh, New York
Alexander Austin Kopco • Deadwood, South Dakota

**Vivaswath Kumar •** Houston, Texas **Paranin Kummata •** Bangkok, Thailand

Ana Kurkhuli • Tbilisi, Georgia

**Pablo Lagos Allegre** 

Kornvuthi Lapprathana • Bangkok, Thailand

**Caroline Kenter Larew** 

Alexandra Michelle Lauer • San Francisco, California

Jessica Renee Lawson

Benjamin David Lazaroff • Floral Park, New York
Edward Kevin James Leathers • Ross, California
Hyo Joon Lee • Chapel Hill, North Carolina
Natalia Levit • Buenos Aires, Argentina

Ke Li • Sunnyvale, California

Qianmeng Li

**Timothy George Lin •** Atlanta, Georgia **Stephanie Shih Liu •** Fremont, California **Truman Liu •** North Brunswick, New Jersey

Nicholas Michael Lombardo

Pierre Elias Bertrand Loning • Paris, France

Jennifer Lopata Jenna Louie

Megan W. Lu • Hinsdale, Illinois

Krzysztof Mariusz Lysy • Siemianowice Slaskie, Poland

**Jeffrey Scott Macdonald** 

Edmer Maguan • San Juan City, Philippines

Jessica Maguilnik Leao

Nicholas William Mahowald • Dallas, Texas

Christian Douglas Manchester • Concord, Massachusetts
Theodore Edward Marschall • Cazenovia, New York
Michael Williams Martin • Saint Louis, Missouri
Valeria Martinez • Los Angeles, California
Morrison Baker Mast • Herndon, Virginia
Andrew Force Mattingly • Louisville, Kentucky
Ayunda Faza Maudya • Jakarta, Indonesia
Kyle Stier McAndrews • Seattle, Washington
Andrew James McCreary • Salt Lake City, Utah
Kelly McFarlane • Mill Valley, California

Kelly McFarlane • Mill Valley, California Edward Joseph McKlveen • Edina, Minnesota

Erica Rose Meehan

Malika Mehrotra • Los Altos Hills, California Alejandra Mejia • Porterville, California Sevda Memet • Constanta, Romania

**Alexander Mendez** 

Jurelle June Mendoza • Valley Stream, New York Mrinal Ravinder Menon • Richmond, Virginia Emily Elizabeth Miller • Columbus, Indiana

**Joseph Benjamin Percy Mills** • London, United Kingdom **Matthew James Victor Milner** • Auckland, New Zealand

Iva Milo • Toronto, Canada

Dominic Mirabile • Philadelphia, Pennsylvania Nicholas Andrew Mirda • Napa, California Chad Matthew Mitchell • Stanford, California Vicente Jose Mobarec Katunaric • Santiago, Chile James Paul Monaco • Paramus, New Jersey

Olivia Moore • Lake Oswego, Oregon

Jenna Morgenstern-Gaines • Brookline, Massachusetts

**Susannah Wright Morris** 

Donald Edward Muir • Winchester, Massachusetts

Brigid Mary Mulcahy • Brisbane, Australia

Yujin Nam • Seoul, Korea

Kanishka Narayan • Cardiff, United Kingdom

**Abhiram Srinath Naresh Kumar** 

Bader Hisham H Nasser • Khobar, Saudi Arabia

Adriann Ali Negreros • Akron, Indiana Michael Nehmad • Honolulu, Hawaii Belinda Niu • Portland, Oregon Mariana Nogueira Martins

Daniel Edward Oakes • Perrysburg, Ohio

Christopher James Olmanson • Wayzata, Minnesota

Yuko Ono

Alexander Jerome Organ • St. Paul, Minnesota

Valerie Zoe Moffat Osband Lorena Ostos Rangel • Mexico

Jennifer Ho Lan Ouyang • Pasadena, California

Lorenz Pallhuber • Innsbruck, Austria

Kelly Lynn Paris • Los Angeles, California

Xavier Garrison Parkmond • Waterbury, Connecticut

Alisha Stuart Patel • New York, New York

Hardik Patel • Toronto, Canada

Jeddeo M. Paul · Lakewood, Colorado

Adriana Perez Benavides • Chihuahua, Mexico
Mitchel McCord Peterman • Hartland, Wisconsin

Lauren Phelps • Charlotte, North Carolina

Roman Pinchuk • Kiev, Ukraine
Zachary Portnoy • Scottsdale, Arizona
Nicolas Posada Garcia • Bogotá, Colombia
Gina Theresa Puccinelli • New York, New York
Ishan Sarna Puri • Los Angeles, California

Yingxuan Qiu

**Aidan Victoria Quealy** 

Naintara Rajan • Chicago, Illinois

Mary-Grace Roberts Reeves • Pensacola, Florida

**Luis Alberto Rengifo Herrera** • Lima, Peru **Weston Reynolds** • New York, New York

**Gabriel Isaac Reynoso-Palley** 

Matthew Sean Rickard • Chicago, Illinois John Nicholas Roberts • Houston, Texas William Davis Robins • Chappaqua, New York

Judith Romea • Valencia, California

Janine Romy • Lisle, Illinois

**Aliza Becker Rosen •** Concord, Massachusetts **Lauren Sadbh Rothwell •** Dublin, Ireland

Anubhav Roy • Sydney, Australia

Benjamin Jerry Ruxin • Lexington, Massachusetts

**Deepak Sabada •** Saratoga, California **Nicholas Sanchez III •** San Diego, California

**Branden Sanders** 

**Emily Grace Savage •** Bethesda, Maryland **Olivia Anne Sayvetz •** Vashon Island, Washington

Andrew Scheiner • New York, New York

**Anna Rose Schlessinger** • Stamford, Connecticut **Alexander Franz Schmidt** • Dublin, Ireland

**Benedict Michael Schneider** 

Mohammed Khalid M Shafi • Ranyah, Saudi Arabia

Susannah Hume Shattuck
Monil Singhal • New Delhi, India
Caitlin Leverenz Smith • California
Joseph Sofia Jr. • Dove Canyon, California

**Alissa Song** 

Jacob Denton Sparkman • Huntsville, Alabama

Michele Spitzer • Mill Valley, California

Aparna Srinath • Aurora, Illinois

**Elizabeth Starr •** Washington, District of Columbia **Michael Steltenkamp •** Birmingham, Michigan

Cameron Nicole Strong • Dallas, Texas

William Su

Ricardo Suarez Martinez • Monterrey, Mexico

Luisa Sucre • Caracas, Venezuela

Adeline Tiffanie Suwana • Jakarta, Indonesia Lucy Simon Svoboda • Chicago, Illinois Uyanga Tamir • Ulaanbaatar, Mongolia Pek Nan John Tan • Singapore, Singapore

Wei Li Tan

Alexander Tancredi

Abishek Thiagaraj • Farmington Hills, Michigan

Joseph Tisch • New York, New York Satya Twine • San Pedro, California

Daniel Jose Uribe Villa • Barranquilla, Colombia

Onome Uwhuba • Warri, Nigeria

Yaritza Vargas • Santiago, Dominican Republic

**David Vasquez II •** Brooklyn, New York **Ross Venhuizen •** Chicago, Illinois

Heinrich Konrad John Von Moltke • Kenilworth, Illinois

Rhampapacht Vorapatchaiyanont

Matthew Brent Nicholas Wallace • Sydney, Australia Janna Katherine Wandzilak • Waxhaw, North Carolina

**Austin William Ward** 

Charlotte Claire Weiss • New York, New York

Tessa Anne Codrington Wiegand • Morgantown, West Virginia

Morgan Wiley • Ridgefield, Connecticut

**Robert Michael Wohl** 

John Thomas Woloszyn • Woodbridge, Virginia

**Rexford Rowen Woodbury** 

Nicolas Michael Woods • Beaufort, South Carolina

Ece Wyrick • Istanbul, Turkey

Rika Watanabe Yamada • Tokyo, Japan

An Yan

Joshua Young Cynming Yang • San Diego, California

**Wei Yang** 

Soha Yasrebi • Toronto, Canada Jessica Sara Young • Toronto, Canada Maxwell Youngs • Indianapolis, Indiana

Yijing Yu • Hangzhou, China

Wonpyo Yun • Chappaqua, New York

Eric Charles Zagorski

Matias Zanniello • Menlo Park, California

Camilla Zanon di Valgiurata • Lugano, Switzerland

Arkadiusz Zarowski • Poland Sixing Zhao • New York, New York Jiying Zheng • Wenzhou, China

Jennifer Judy Zhou • Boston, Massachusetts

Jia Wei Zou • Beijing, China



#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Naomi Marisa Fa-Kaji •** Berkeley, California. Business Administration, Dissertation Title: *Seeing Harm, Thinking 'Humans': Perceptions of Harm Prompt Human-Driven Explanations* 

**Gregory Macnamara** • Business Administration, Dissertation Title: Sequential Decision Making and Learning in Strategic Environments

**Andres Perlroth Vitriol •** Curico, Chile. Business Administration, Dissertation Title: *Essays in Microeconomics* 

**Octavia Hedwig Zahrt •** Frankfurt, Germany. Business Administration, Dissertation Title: *Activity Adequacy Mindsets and their Effects on Health and Wellbeing* 

# Doctor of Philosophy

DEGREES CONFERRED JANUARY 7, 2021

**Rhiannon Angelica Catapano** • Jamaica, New York. Business Administration, Dissertation Title: *Essays on the Antecedents and Consequences of Attitudinal Advocacy* 

**Jaehyuck Park** • Korea. Business Administration, Dissertation Title: Essays in Perishable Inventory Management

**Ashutosh Dinesh Thakur** • Rochester, New York. Business Administration, Dissertation Title: *Essays on the Applications of Matching Theory to Political Economy* 

# Doctor of Philosophy

**DEGREE CANDIDATES, JUNE 13, 2021** 

**Andrew Baker •** West Hartford, Connecticut. Business Administration, Dissertation Title: *Essays in Corporate Governance* 

**Christopher Jeffrey Bechler •** Business Administration, Dissertation Title: A Categorical Perspective on Attitudes: Implications for Perceived Change, Persuasive Targeting, and the Attitude-Behavior Relationship

**Matthew Gavin Cummins** • Business Administration, Dissertation Title: *Essays in Nonverbal Organizational Design* 

**Stefan Johann Huber •** Rohr i. NB, Germany. Business Administration, Dissertation Title: *Loan Loss Measurement and Bank Lending* 

**Shreya Atreyi Kankanhalli** • Bangalore, India. Business Administration, Dissertation Title: *Modernizing Retail Firms in Emerging Markets* 

**Bar Light** • Business Administration, Dissertation Title: *Market Design for Platforms, Large Games, and Comparative Statics* 

**Danqi Luo •** Quzhou, China. Business Administration, Dissertation Title: *Impacts of Emergency Department Crowding: from Identification to Mitigation* 

**Suraj Malladi •** Business Administration, Dissertation Title: *Essays in Microeconomics* 

**Venkatesan Govind Manian** • Business Administration, Dissertation Title: *Microfoundations and measurement for ambiguity in communication with application to social networks* 

**Zhengli Wang •** Business Administration, Dissertation Title: Essays in Stochastic Modeling with Applications in Entrepreneurship and Healthcare

**Xavier Sebastian Warnes •** Buenos Aires, Argentina. Business Administration, Dissertation Title: *Social good, fairness, and efficiency in Operations Management* 

**Chunchen Xu** • Hongze, China. Business Administration, Dissertation Title: *Essays on Self-concept and Well-being* 

**Alisa Yu** • Business Administration, Dissertation Title: *Emotional Acknowledgment in Organizations: The Benefits and Risks of Verbalizing the Affect of Others* 

**Rebecca Lan Zhang •** Irwin, Pennsylvania. Business Administration, Dissertation Title: *ESG and Cost of Debt* 

# School of Earth, Energy & Environmental Sciences

### Stephan Graham, Dean

#### **Bachelor of Science**

**DEGREES CONFERRED SEPTEMBER 24, 2020** 

**Katherine Amelia Holmes •** Cornwall, Vermont. Earth Systems **Roy Howard Perkins Jr. •** Earth Systems



#### Bachelor of Science

**DEGREES CONFERRED JANUARY 7, 2021** 

**Andrea Celeste Contreras •** San Juan, Puerto Rico. Earth Systems, Departmental Honors Program

**Samantha Renée Faul •** Los Gatos, California. Earth Systems, Departmental Honors Program

**Mehr Kumar •** Chantilly, Virginia. Earth Systems, Departmental Honors Program

**Scott Kaniatobe Lucio ·** Davis, California. Earth Systems **Erin Pang ·** Earth Systems

**Lilla Agnes Petruska** • Santa Barbara, California. Earth Systems **Armando Emil Rojas** • Moses Lake, Washington. Earth Systems

Ricardo Ramon Sanchez Romero • Houston, Texas. Earth Systems
Hannah Ruckelshaus Shabb • Seattle, Washington. Earth Systems

Talia Kawaiokalani Trepte • Gilbert, Arizona. Earth Systems



#### **Bachelor of Science**

**DEGREES CONFERRED APRIL 1, 2021** 

**Osanna Drake •** Portland, Oregon. Earth Systems, Departmental Honors Program, with Distinction

Casey E. Mullins • Houston, Texas. Earth Systems

**Gabriel Saiz •** Madison, Wisconsin. Earth Systems, Departmental Honors Program



#### **Bachelor of Science**

**DEGREE CANDIDATES, JUNE 13, 2021** 

**Samantha Sue Baird** • Greenwich, Connecticut. Earth Systems **Caroline Olivia Bamberger** • Los Angeles, California. Earth Systems, Interdisciplinary Honors Program in Education, with Distinction

**Megan Frances Belongia •** Omaha, Nebraska. Earth Systems, with Distinction

**Lucy Culpepper Edy** • Boone, North Carolina. Earth Systems **Vance Kaleohano Kahahawai Farrant** • Haleiwa, Hawaii. Earth Systems, Departmental Honors Program

**Jordan Margaret Marian Ferré •** Wallowa, Oregon. Earth Systems, Departmental Honors Program

**Stephanie Reading Houck •** Annapolis, Maryland. Earth Systems **Lia Kim •** Hawaii. Earth Systems

**Ryder Hogan Kimball •** New York City, New York. Earth Systems **Lauren Nolen •** Earth Systems

**Syler Huddleston Hill Peralta-Ramos •** Wilson, Wyoming. Earth Systems, with Distinction

Alexandra Jo Peregord • Earth Systems

**Amal Sophia Priestley •** London, United Kingdom. Earth Systems **Phoebe Rose Richardson •** Swarthmore, Pennsylvania. Earth Systems

Cole Mason Shepherd • Hood River, Oregon. Earth Systems
Sarah Avery Claire Taylor • Dallas, Texas. Earth Systems
Tomoya Jordan Tisdale • Guam. Earth Systems
Jacqueline M. Vogel • Pacific Palisades, California. Earth Systems



#### Master of Arts

**DEGREES CONFERRED SEPTEMBER 24, 2020** 

**Devon Rae Burger** • Middlebury, Vermont. Earth Systems **Hanna Joy Payne** • Coral Gables, Florida. Earth Systems



#### **Master of Arts**

DEGREES CONFERRED JANUARY 7, 2021

Maya Nell Burke • Frankfort, Kentucky. Earth Systems
Sierra Rose Garcia • Prunedale, California. Earth Systems
Nahla Oriane Gedeon Achi • Meribel, France. Earth Systems
Scott Kaniatobe Lucio • Davis, California. Earth Systems



#### Master of Arts

**DEGREES CONFERRED APRIL 1, 2021** 

**Laura Chavez Anderson •** Washington, District of Columbia. Earth Systems

**Allison Kendall Armstrong •** Las Vegas, Nevada. Sustainability Science and Practice

**Marissa Mirabelle Luna •** McLean, Virginia. Sustainability Science and Practice

Ashley Song • Sugar Land, Texas. Earth Systems



#### **Master of Arts**

**DEGREE CANDIDATES, JUNE 13, 2021** 

Olivia Louise Ames • Pittsburgh, Pennsylvania. Earth Systems Madeleine Claire Bouton • Nashville, Tennessee. Earth Systems Tate S. Burwell • Atlanta. Earth Systems

**Lilli Kalani Wakinekona Carlsen •** Rancho Palos Verdes, California. Earth Systems

**Daniela Melissa Chang Foxon Wong •** Lima, Peru. Sustainability Science and Practice

**William Nathaniel Genesen •** Rancho Mirage, California. Sustainability Science and Practice

Kara Glenwright • Half Moon Bay, California. Earth Systems Emma Christine Higuchi • Los Angeles, California. Sustainability Science and Practice

**Ryder Hogan Kimball** • New York City, New York. Earth Systems **Kayci Nicole Lacob** • Woodside, California. Earth Systems

**Maggie E. Mcgraw •** Nashville, Tennessee. Sustainability Science and Practice

**Katherine Michaela Moldow •** Menlo Park, CA. Earth Systems **Jack Steven Richardson •** Salinas, California. Sustainability Science and Practice

Benek Robertson • Carmel, California. Earth Systems

**Melina Z. Walling •** Earth Systems

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for Spring Quarter are accurate as of June 8, 2021 after the application to graduate deadline. Confirmation of degrees conferred on June 13, 2021 may be requested from the Office of the University Registrar after June 17, 2021. Contact the Office of the University Registrar in the event of any questions or discrepancies.

**Grace Wallis •** San Marino, California. Earth Systems **Mikaela Jessica Watson •** Philadelphia, Pennsylvania. Sustainability Science and Practice

**Jonathan Michael Worley •** San Diego, California. Sustainability Science and Practice



#### DEGREES CONFERRED SEPTEMBER 24, 2020

Folasade Olanrewaju Ayoola • Lagos, Nigeria. Energy Resources Engineering

**Erin Taylor Barry** • Bushmills, United Kingdom. Geological Sciences **Abigail Nora Birnbaum** • Earth System Science

**Gurinder Nagra •** Griffith, Australia. Earth System Science

**Maxim Sapozhnikov •** Ust-Ilimsk, Russian Federation. Environment and Resources

**Benjamin Zhi Wen Tan •** Earth System Science **Emma Mary Louise Velterop •** Geophysics

### Master of Science

#### DEGREES CONFERRED JANUARY 7, 2021

**Alexandra Maria Boboc •** Sibiu, Romania. Environment and Resources

**Hanna Hawon Hawon Chang** • Boston, Massachusetts. Sustainability Science and Practice

Andrea Celeste Contreras • San Juan, Puerto Rico. Earth Systems

Dylan Marshall Crain • Johnston City, Illinois. Petroleum Engineering

**Meagan Downey •** Environment and Resources

**Emily Jennifer Gittins •** Environment and Resources

Maya Granit • California. Environment and Resources

Mondee Lu • Environment and Resources

**Laura Alejandra Mediorreal •** Katy, Texas. Sustainability Science and Practice

**Margaret Nowlan •** Moretown, Vermont. Sustainability Science and Practice

**Erin Pang •** Earth Systems

Fabiola Quinzanos Rodriguez • Environment and Resources Eitan Rovero Shein • Mexico City, Mexico. Environment and Resources

**Ricardo Ramon Sanchez Romero •** Houston, Texas. Sustainability Science and Practice

**Alvaro Stolowicz Ras •** Montevideo, Uruguay. Environment and Resources

**Samantha Tellatin •** Springfield, Missouri. Environment and Resources

**Clothilde Marie Aline Venereau •** Paris, France. Energy Resources Engineering

**Eileen Marie Waris** • Glenview, Illinois. Environment and Resources **Colin White** • Houston, Texas. Geological Sciences



#### **Master of Science**

#### **DEGREES CONFERRED APRIL 1, 2021**

**David Rogers Aitoro •** Environment and Resources

Paul Miki Akpablie • Accra, Ghana. Environment and Resources

Yuanlei Chen • Shanghai, China. Energy Resources Engineering

Sawyer Clark • Scio, Oregon. Environment and Resources

Osanna Drake • Portland, Oregon. Earth Systems

**Zachary Austin Grech** • Las Vegas, Nevada. Sustainability Science and Practice

**Philipp Gabriel Michael Krinner •** Strasskirchen, Germany. Environment and Resources

Tianqi Li • Auckland, New Zealand. Environment and Resources

**Kyle Scott Mills •** Houston, Texas. Environment and Resources **Danielle Nguyen •** Farmington, New Mexico. Sustainability Science and Practice

**Tiffany Ong •** Woodland Hills, California. Sustainability Science and Practice

Carla Pacini • Miami, Florida. Environment and Resources

**Andrea Shulman •** Wellington, Florida. Sustainability Science and Practice

Anthony Trinh • Duluth, Georgia. Sustainability Science and Practice



#### DEGREE CANDIDATES, JUNE 13, 2021

Youssef Aitousarrah • Energy Resources Engineering

Jake Campolo • Earth System Science

**Arnab Chatterjee •** North Andover, Massachusetts. Environment and Resources

**Jingru Cheng •** Changchun, China. Energy Resources Engineering **Cameron T. Clevidence •** Kalispell, Montana. Environment and Resources

**Lucy Culpepper Edy •** Boone, North Carolina. Earth Systems **Ian Andrew Llewellyn Field •** Walla Walla, Washington.

**Environment and Resources** 

Rebecca Grekin • Energy Resources Engineering

**John W. Hare-Grogg •** Wilmington, North Carolina. Environment and Resources

**Scott James Harrington Jr. •** Riverside, Connecticut. Sustainability Science and Practice

**Rasim Hasanzade** • Baku, Azerbaijan. Petroleum Engineering **Michele C. Holtkamp** • Brentwood, Tennessee. Sustainability Science and Practice

Joseph A. Ingrao • Environment and Resources

**Daniel J. Irvin •** Kinston, North Carolina. Environment and Resources

**Dylan Augustin Johnson •** Tualatin, Oregon. Sustainability Science and Practice

Maxwell Klotz • Stanford, California. Earth Systems

**Jacob S. Kuppermann •** Newport Beach, California. Earth Systems **David Gregory Leede •** Greenwood Village, Colorado. Sustainability Science and Practice

**Connor M. Lewis •** Grove City, Ohio. Sustainability Science and Practice

**Katriona McNeill •** Chevy Chase, Maryland. Sustainability Science and Practice

John Richard Oberholzer • Oakland, California. Earth Systems
Kelsi Okun • McLean, Virginia. Sustainability Science and Practice
Lilla Agnes Petruska • Santa Barbara, California. Earth Systems
Valeria Rincon • Lawrenceville, Georgia. Sustainability Science and

Practice

Carl Jan Risberg • Stockholm, Sweden. Earth Systems

Jarupa Sodwatana • Energy Resources Engineering

**Alexandra Emese Szekely •** Doylestown, Pennsylvania. Sustainability Science and Practice

**Sarah Avery Claire Taylor •** Dallas, Texas. Earth Systems

That Ai Dang Ton • Hue, Viet Nam. Petroleum Engineering

Jacqueline M. Vogel • Pacific Palisades, California. Earth Systems

Nicholas N. Wallace • Environment and Resources

**Eva Lauren McCallum Wallack •** Wayzata, Minnesota. Earth Systems

**Arielle Sally Wenokur •** San Francisco, California. Sustainability Science and Practice

**Danna Xue •** Stanford, California. Sustainability Science and Practice

Amanda Danielle Zerbe • Environment and Resources

### Doctor of Philosophy

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Salem Saad Aldousary** • Dammam, Saudi Arabia. Petroleum Engineering, Dissertation Title: *Pore to Core Scale Investigations of Optimal Voidge Replacement Ratio in Carbonate Rocks* 

**Joseph Bakarji** • Ain Aar, Lebanon. Energy Resources Engineering, Dissertation Title: *Stochastic Multiscale Modeling of Complex Materials* 

**Laura Simone Bloomfield •** Winston-Salem, North Carolina. Environment and Resources, Dissertation Title: *At the Edge of Zoonotic Spillover: Land Use, Human-Primate Contact, and Social Networks in Western Uganda* 

**Alejandro Cabrales Vargas •** Villahermosa, Mexico. Geophysics, Dissertation Title: *Joint Inversion of Reflectivity and Background Subsurface Components* 

**Christian William Dewey •** Earth System Science, Dissertation Title: Water Quality in Dynamic Redox Environments: Coupled Hydrologic-Biogeochemical Controls on Metal Contaminant Mobility

**Malcolm Stewart William Hodgskiss •** Kingston, Canada. Geological Sciences, Dissertation Title: *Characterising the Orosirian Earth System* 

**Hajin Kim** • Mountain View, California. Environment and Resources, Dissertation Title: *Markets, Morality, and the Environment* 

**Andrea Lund •** Bloomington, Minnesota. Environment and Resources, Dissertation Title: *Human-environment dynamics in the eco-epidemiology of schistosomiasis* 

**Kevin Lynn McCormack** • Salt Lake City, Utah. Geophysics, Dissertation Title: *Seismological and Geomechanical Controls on the Properties of the Brittle Crust and Economic Reservoirs* 

**Roger John Michaelides •** Libertyville, Illinois. Geophysics, Dissertation Title: *Quantifying Permafrost Processes And Soil Moisture With Interferometric Phase And Closure Phase* 

**Hailun Ni** • Shenzhen, China. Energy Resources Engineering, Dissertation Title: *Quantifying CO2 Capillary Heterogeneity Trapping through Experiments, Data Analysis, and Simulation* 

**Ahinoam Pollack** • Energy Resources Engineering, Dissertation Title: *Quantifying Geological Uncertainty And Optimizing Technoeconomic Decisions For Geothermal Reservoirs* 

**Jolene Monique Robin-McCaskill •** New Orleans, Louisiana. Geophysics, Dissertation Title: *Development of DARS II for the measurement of pressure dependent quality factor and compressibility of small rock samples* 

**Philip James Womble •** Cary, North Carolina. Environment and Resources, Dissertation Title: *Water rights markets in the 21st century: Transaction costs and optimal environmental water portfolios in Colorado, USA* 

**Ying Qi Wong •** Singapore, Singapore. Geophysics, Dissertation Title: *The dynamics of conduit flow in dome-forming volcanic eruptions: Steady-state and time-dependent models applied to the 2004-2008 Mount St. Helens eruption* 

**Mehrdad Yousefzadeh Eshkoori** • Yazd, Iran . Energy Resources Engineering, Dissertation Title: *Numerical Simulation Of Fluid - Mineral Interaction And Reactive Transport In Porous And Fractured Media* 

### Doctor of Philosophy

#### **DEGREES CONFERRED JANUARY 7, 2021**

**Fatimah Mohammad Al-Ismail •** Qatif, Saudi Arabia. Geophysics, Dissertation Title: *Towards an Extensible Local Magnitude Scale* 

**Thomas Howard Boag •** Kingston, Canada. Geological Sciences, Dissertation Title: *The role of ecophysiology and paleoenvironmental dynamics in the Ediacaran biostratigraphic record* 

**Nina Rebecca Brooks** • Los Angeles, California. Environment and Resources, Dissertation Title: *Global Health and the Environment: Studies on air pollution and reproductive health policies* 

**Zachary Florentino Murguia Burton** • Eureka, California. Geological and Environmental Sciences, Dissertation Title: Characterizing Oil, Gas Hydrate, And Sedimentary Systems Via Geochemistry, Computational Modeling, And Global Synthesis

**Shanna Chu** • Houston, Texas. Geophysics, Dissertation Title: Seismological constraints on the source processes of intermediatedepth earthquakes in Japan

**Matthias Alexis Cremon** • Brive-la-Gaillarde, France. Energy Resources Engineering, Dissertation Title: *Analysis and Development of Algorithms for Fully Compositional, Thermal and Reactive Numerical Simulation of In-Situ Combustion at Laboratory Scale* 

**Youssef Magdy Abdou Mohamed Elkady** • Alexandria, Egypt. Petroleum Engineering, Dissertation Title: *Multiscale Investigation of Fluid Transport and Enhanced Recovery in Shale* 

**Olga Fuks •** Kaliningrad, Russian Federation. Energy Resources Engineering, Dissertation Title: *Physics Informed Machine Learning and Uncertainty Propagation For Multiphase Transport In Porous Madia* 

Ian Paul Gottschalk • Ann Arbor, Michigan. Geophysics,
Dissertation Title: Hydrogeophysical modeling of saltwater intrusion
Mengyu Guan • Arcadia, California. Energy Resources Engineering,
Dissertation Title: Understanding Petrophysical Properties of Porous
Media Usina Imagina and Computational Methods

**Ouassim Khebzegga •** Algeria. Energy Resources Engineering, Dissertation Title: *Advanced Nonlinear Techniques For Compositional Reservoir Simulation* 

**Eric David Lebel •** Queensbury, New York. Environmental Earth System Science, Dissertation Title: *Fugitive Methane in the Oil and Gas Industry: Quantifying and Characterizing Methane Emissions from Residential Natural Gas Appliances and Abandoned Wells* 

**Yimin Liu •** WuGang, China. Energy Resources Engineering, Dissertation Title: *Deep-Learning-Based Geological Parameterizations for History Matching Complex Geomodels* 

**Hannah Rose Naughton** • Illinois. Environmental Earth System Science, Dissertation Title: *Soil carbon cycling constrained by oxygen-dependent enzyme activity and microbial energetics* 

**Chikara Onda •** Environment and Resources, Dissertation Title: *Climate, jobs, and inequity: Models of worker mobility and distribution under carbon pricing* 

**Anshuman Pradhan** • Balasore, India. Energy Resources Engineering, Dissertation Title: *Statistical learning and inference* of subsurface properties under complex geological uncertainty with seismic data

**Ruixiao Sun** • Energy Resources Engineering, Dissertation Title: Physics and deep learning based methods for compositional reservoir simulation

# Doctor of Philosophy

**DEGREES CONFERRED APRIL 1, 2021** 

**Noah Daniel Athens** • Fairbanks, Alaska. Geological and Environmental Sciences, Dissertation Title: *Stochastic Inversion of Gravity Data in Fault-Controlled Geothermal Systems* 

**Ettore Biondi •** Genoa, Italy. Geophysics, Dissertation Title: *Targetoriented elastic full-waveform inversion* 

**Emily Lewis Cardarelli •** Seattle, Washington. Environmental Earth System Science, Dissertation Title: *The Microbial Ecology And Biogeochemistry Of Alluvial Subsurface Systems* 

**Tanvi Dhiren Chheda** • Geological Sciences, Dissertation Title: *Optimizing Exploration Decisions under Geologic Uncertainty in Basin* & Petroleum System Modeling

**Laura Dafov** • Houston, Texas. Geological Sciences, Dissertation Title: *Basin and Petroleum System Modeling and Global Sensitivity Analyses of Natural Gas Hydrates* 

**Juan Pablo Daza Echeverry •** Quito, Ecuador. Geophysics, Dissertation Title: *Changes Of Geometry And Properties Of Porous Media* 

**Rachel Constance Engstrand** • New York, New York. Environment and Resources, Dissertation Title: *The Human and Environmental Dynamics of Artisanal Small-Scale Gold Mining in The Peruvian Amazon* 

**Soheil Esmaeilzadeh** • Tehran, Iran . Energy Resources Engineering, Dissertation Title: *Multiscale Direct Numerical Modeling of Pore-scale and Darcy-scale Multiphase Flow in Porous Media* 

**Heidi Kathryn Hirsh •** Gig Harbor, Washington. Environmental Earth System Science, Dissertation Title: *Spatiotemporal variability in kelp forest and seagrass ecosystems: Can local biogeochemical modification combat acidification stress?* 

**Hannah Louise Joy-Warren •** Vancouver, Canada. Earth System Science, Dissertation Title: *Phytoplankton Photoacclimation in the Southern Ocean and Arctic Ocean* 

**Jackson Thomas MacFarlane** • Geophysics, Dissertation Title: *The Rock Physics of Cemented Volcanic Ash in Alkaline Hydrothermal Systems* 

**Nina Alessandra Randazzo •** Rockville, Maryland. Environmental Earth System Science, Dissertation Title: *North American highlatitude and temperate biospheric carbon exchange variability explained by climatological and meteorological regimes* 

# Doctor of Philosophy DEGREE CANDIDATES, JUNE 13, 2021

**Bertrand Louis Rene Delorme** • Toulouse, France. Earth System Science, Dissertation Title: *Enhanced Abyssal Mixing in the Equatorial Ocean Associated with Non-Traditional Effects* 

**Xuhua Gao •** Shijiazhuang, China. Energy Resources Engineering, Dissertation Title: *Application of Earth Tide Analysis in Subsurface Monitoring* 

**Katerina Rae Gonzales •** Earth System Science, Dissertation Title: Characterizations of Landfalling Atmospheric Rivers Along the North American West Coast: Rising Temperatures, Distinct Flavors, and Surface Impacts

**David Joseph Xavier Gonzalez** • Nipomo, California. Environment and Resources, Dissertation Title: *Upstream Oil Production, Ambient Air Pollution, and Adverse Birth Outcomes in California* 

Marisa Hayley Mayer • Earth System Science, Dissertation Title: Environmental Relevance and Physiological Role of 3-Methylhopanoids in Anoxygenic Phototrophic Bacteria

**Rebecca Katherine Miller** • Environment and Resources, Dissertation Title: *Wildfire Mitigation Policies in California* 

**Esuru Rita Okoroafor •** Omoku, Nigeria. Energy Resources Engineering, Dissertation Title: *Heat Transfer Investigations For Optimal Harnessing Of Enhanced Geothermal Systems* 

**Farzaneh Rajabi •** Zanjan, Iran . Energy Resources Engineering, Dissertation Title: *Stochastic Models for Nonlinear Transport in Multiphase and Multiscale Heterogeneous Media* 

**Ankush Singh •** Kolkata, India. Geophysics, Dissertation Title: Integrated Analysis of Stress Stratigraphy and Hydraulic Fracture Propagation: Connecting Numerical Models, Laboratory Experiments and Field Studies

**Liang Yang •** Jiujiang, China. Geological Sciences, Dissertation Title: *Quantifying and Visualizing Uncertainty of 3D Geological Structures with Implicit Methods* 

### **Graduate School of Education**

### Daniel Schwartz, Dean

#### **Master of Arts**

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Salome Aguilar Llanes •** Ciudad de Mexico, Mexico. Education, Field: International Education Policy Analysis

**Hugo Chaves de Oliveira Almeida •** Cruzeiro, Brazil. Education, Field: International Comparative Education

**Youjie Chen** • Education, Field: Learning, Design and Technology **Arnela Colic** • Campbell, California. Education, Field: International Education Policy Analysis

**Ariane Faria dos Santos •** Cruzeiro, Brazil. Education, Field: International Education Policy Analysis

**Daniela Gamboa Zapatel •** Piura, Peru. Education, Field: International Education Policy Analysis

**Meng Guo •** Education, Field: International Education Policy Analysis

**Pok Jing Ho •** Hong Kong. Education, Field: International Education Policy Analysis

**Katherine Steed Hoffman •** Dallas, Texas. Education, Field: International Education Policy Analysis

**Lyle D. Jacobs •** Porcupine, South Dakota. Education, Field: Learning, Design and Technology

**Hannah Faith Johnstone •** Education, Field: International Comparative Education

Yuman Li • Taizhou, China. Education

**Greta Olivares •** McAllen, Texas. Education, Field: International Education Policy Analysis

**Ingvi Hrannar Omarsson •** Sauðárkrókur, Iceland. Education, Field: Learning, Design and Technology

**Mansoor Aslam Rathore •** Rawalpindi, Pakistan. Education, Field: International Education Policy Analysis

**Renato Felipe Amadeu Russo •** Ourinhos, Brazil. Education, Field: Learning, Design and Technology

**Clarissa Bernice Scranage-Carter •** Richmond, Virginia. Education, Field: Learning, Design and Technology

**Mitchell Stevens •** Salt Lake City, Utah. Education, Field: Learning, Design and Technology

**Daniel Villarreal •** Oakland, California. Education, Field: Learning, Design and Technology

**Shang Xu** • Education, Field: International Comparative Education **Yi Yang** • Maoming, China. Education, Field: International Education Policy Analysis

**Chen Zhang •** Xiaogan, China. Education, Field: International Comparative Education



#### **Master of Arts**

#### **DEGREES CONFERRED JANUARY 7, 2021**

**Mindy Chang •** San Francisco. Education, Field: Joint School of Education/Graduate School of Business Program

**Khalil Darien Fuller •** Los Angeles, California. Education, Field: Joint School of Education/Graduate School of Business Program

Alexa Wnorowski • Normandy Beach, New Jersey. Education Jingxin Wu • San Francisco, California. Education, Field: International Education Policy Analysis



#### Master of Arts

#### **DEGREE CANDIDATES, JUNE 13, 2021**

**Alejandra Alcaraz** • Los Angeles, California. Education, Field: Teaching of Spanish

**Katherine Aleman-Antunez •** Burlington, North Carolina. Education, Field: Teaching of Mathematics

**Hector I. Almendarez Benavidez •** Sunnyvale, California. Education, Field: Teaching of Social Science

Emma Jane Anderson • Education, Field: Teaching of English Jackelyn Avendano Mendez • East Palo Alto, California. Education, Field: Teaching of Social Science

**Rena Jean Becker •** Ojai, California. Education, Field: Teaching of English

**Haley Annmarie Blackwell •** Davis, California. Education, Field: Teaching of Biology

**Maria Guadalupe Bojorquez •** South Gate, California. Education, Field: Teaching of English

**Darcy Camille Book** • Education, Field: Teaching of English **Jessica Andrea Chamorro** • Logan, Utah. Education, Field: Teaching of Social Science

**Jose Chavarin Cordova** • San Mateo, California. Education, Field: Teaching of Social Science

**Julia Rose Choi** • Burbank, California. Education, Field: Teaching of Mathematics

**Zachary Mauro D'Angelo •** Santa Rosa, California. Education, Field: Teaching of Mathematics

**Zachary Dorsen •** Middletown, New Jersey. Education, Field: Teaching of French

**Nohemi Davila •** Bloomington, California. Education, Field: Elementary Education

**Thibaut Francois Yves Delloue •** Atkinson, New Hampshire. Education, Field: Policy, Organization and Leadership Studies

**Sergio Diaz Luna •** Pomona, California. Education, Field: Policy, Organization and Leadership Studies

**Danielle Hannah Diuguid •** Teaneck, New Jersey. Education, Field: Joint School of Education/Graduate School of Business Program

**Samuel Eiseman •** San Anselmo, California. Education, Field: Policy, Organization and Leadership Studies

**Laurel Erin Fisher •** Palo Alto, California. Education, Field: Teaching of Mathematics

**Jessica Leah Greenwald •** Denver, Colorado. Education, Field: Elementary Education

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for Spring Quarter are accurate as of June 8, 2021 after the application to graduate deadline. Confirmation of degrees conferred on June 13, 2021 may be requested from the Office of the University Registrar after June 17, 2021. Contact the Office of the University Registrar in the event of any questions or discrepancies.

**Robert Heavner •** Simsbury, Connecticut. Education, Field: Policy, Organization and Leadership Studies

**Kayla Holder •** Fort Calhoun, Nebraska. Education, Field: Elementary Education

**Katherine Hoolihan •** Education, Field: Elementary Education **Philip Hopkins •** Livermore, California. Education, Field: Teaching of Physics

**Jessica Lynne Hou •** Atwater, California. Education, Field: Teaching of Mathematics

**Katrina Hsieh •** San Francisco, California. Education, Field: Teaching of English

**Yin Ding Huang •** Education, Field: Elementary Education **Tiffany Huynh •** San Jose, California. Education, Field: Teaching of Biology

Eric Jenkins • Sacramento, California. Education

**Seung Yeun Jin •** Sunnyvale, California. Education, Field: Teaching of Mathematics

**Lauryn Delonn Johnson •** Turlock, California. Education, Field: Teaching of English

**Aminata Mamayo Kalokoh** • Pacific Palisades, California. Education, Field: Elementary Education

**Nina Lilian Kelty •** Palo Alto, California. Education, Field: Elementary Education

**Yoon-Chan Kim** • Palo Alto, California. Education, Field: Policy, Organization and Leadership Studies

**Nathan Kong •** Education, Field: Elementary Education **Hannah Claire Korslund •** Minneapolis, Minnesota. Education, Field: Teaching of Chemistry

**Nathan Melki Labaye •** San Diego, California. Education, Field: Elementary Education

**Lauren Eloise Lampl •** Mill Valley, California. Education, Field: Elementary Education

Jenny Khanh Le • Education, Field: Teaching of English
Gaetan Victor LeGrand • Education, Field: Teaching of French

**Ke Li** • Sunnyvale, California. Education, Field: Joint School of Education/Graduate School of Business Program

**Stephanie Shih Liu •** Fremont, California. Education, Field: Joint School of Education/Graduate School of Business Program

**Truman Liu** • North Brunswick, New Jersey. Education, Field: Joint School of Education/Graduate School of Business Program

**Jennifer Lopata •** Education, Field: Joint School of Education/ Graduate School of Business Program

**Sophia Loumiotis** • Education, Field: Teaching of Mathematics **Yu Cong Colin Low** • Education, Field: Teaching of English

**Derek V. Lu** • San Jose, California. Education, Field: Teaching of English

**Lange Luntao •** Stockton, California. Education, Field: Policy, Organization and Leadership Studies

**Kelvin Mak** • Education, Field: Teaching of English

**Joseph Richard Marshall •** Camas, Washington. Education, Field: Teaching of English

**Ayunda Faza Maudya** • Jakarta, Indonesia. Education, Field: Joint School of Education/Graduate School of Business Program

**Lin Cai McCarthy •** Shanghai, China. Education, Field: Teaching of Mandarin

**Sesha Catherine Desai McMinn •** Austin, Texas. Education, Field: Teaching of Biology

**Nicholas Merlesena** • Los Altos, California. Education, Field: Teaching of Social Science

**Matthew James Victor Milner •** Auckland, New Zealand. Education, Field: Joint School of Education/Graduate School of Business Program

**Elias Andrew Mooring •** Chula Vista, California. Education, Field: Teaching of English

**Cesar Martin Moreno •** Stanford, California. Education, Field: Teaching of Chemistry

**Briana Mullen •** Sacramento, California. Education, Field: Policy, Organization and Leadership Studies

**Adriann Ali Negreros •** Akron, Indiana. Education, Field: Joint School of Education/Graduate School of Business Program

**Belinda Niu** • Portland, Oregon. Education, Field: Joint School of Education/Graduate School of Business Program

**Esmeralda Ochoa-Villicana •** Salinas, California. Education, Field: Teaching of English

**Will A. Paisley •** Lake Tapps, Washington. Education, Field: Policy, Organization and Leadership Studies

**Rafely Abril Palacios •** San Diego, California. Education, Field: Elementary Education

**Mariela Silva Pizarro •** Salinas, California. Education, Field: Elementary Education

**Zachary Portnoy** • Scottsdale, Arizona. Education, Field: Joint School of Education/Graduate School of Business Program

**Elyse Rankey •** West Chester, Ohio. Education, Field: Teaching of Biology

**Robert Patrick Rock** • Smithtown, New York. Education, Field: Teaching of Social Science

**Lily Sage Rosenthal •** New York, New York. Education, Field: Policy, Organization and Leadership Studies

**Breanna Isabella Ruiz •** Chula Vista, California. Education, Field: Teaching of Social Science

**Zerbine Atosha Rypa** • Education, Field: Teaching of Social Science **Max Alexander Sala** • Education

**Mary Michelle Silva •** Gustine, California. Education, Field: Teaching of English

**Jade Solomon •** Education, Field: Teaching of Mathematics **Yesika Sorto Andino •** Charlotte, North Carolina. Education, Field: Elementary Education

Julia Heajong Suh • Education, Field: Teaching of English
Lucy Simon Svoboda • Chicago, Illinois. Education, Field: Joint
School of Education/Graduate School of Business Program

**Stacy Tapia** • Education, Field: Teaching of Mathematics **Cindy Ung** • Santa Ana, California. Education, Field: Teaching of

English

Daniel Jose Uribe Villa • Barranquilla, Colombia. Education, Field:
Joint School of Education/Graduate School of Business Program

**Rachel C. Vaughan •** San Antonio, Texas. Education, Field: Elementary Education

**Vanessa Villavicencio-Gomez •** Mountain View, California. Education, Field: Elementary Education

**Lucy Mihoko Wenstrup •** Turlock, California. Education, Field: Teaching of Spanish

**Kelly Dianne Wilson •** Matthews, North Carolina. Education, Field: Teaching of Biology

**Jennifer Wong •** Monterey Park, California. Education, Field: Elementary Education

**Rika Watanabe Yamada •** Tokyo, Japan. Education, Field: Joint School of Education/Graduate School of Business Program

**Oliver Zhiyuan Yang •** San Jose, California. Education, Field: Teaching of Chemistry

**Jennifer Judy Zhou •** Boston, Massachusetts. Education, Field: Joint School of Education/Graduate School of Business Program

# Master of Science

#### **DEGREES CONFERRED JANUARY 7, 2021**

**Angel Altamirano Jr.** • Gilroy, California. Education, Field: Learning Design and Technology

**John Mitchel Caguicla Arcibal** • Richmond, Virginia. Education, Field: Learning Design and Technology

**Shanzeh Asif •** Education, Field: Learning Design and Technology **Merve Cerit •** Soke, Turkey. Education, Field: Learning Design and Technology

**Adelmo Antonio Da Silva Eloy Sr. •** Vitoria da Conquista, Brazil. Education, Field: Learning Design and Technology

**Wen Kai Hsu** • Taipei, Taiwan. Education, Field: Learning Design and Technology

**Haotong Jiang •** Shenzhen, China. Education, Field: Learning Design and Technology

**Tal Koren** • Maccabim, Israel. Education, Field: Learning Design and Technology

**Chloe Langston •** Los Altos, California. Education, Field: Learning Design and Technology

**Mathieu Guillaume Julien Penot •** Maisons-Laffitte, France. Education, Field: Learning Design and Technology

**Meenu Singh •** Potomac, Maryland. Education, Field: Learning Design and Technology

**Kavindya Thennakoon Mudiyanselage •** Dehiowita, Sri Lanka. Education, Field: Learning Design and Technology

**Daniela Vainer** • San Diego, California. Education, Field: Learning Design and Technology

**Katherine Ann Whitney •** Westford, Massachusetts. Education, Field: Learning Design and Technology

**Sedinam Worlanyo •** Accra, Ghana. Education, Field: Learning Design and Technology

# Doctor of Philosophy

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Liam Aiello •** Education, Field: Literacy, Language, and English Education, Dissertation Title: *Attending to All We Elicit: Student Skepticism of Dialogic Practices and Stances* 

**Madhuvanti Anantharajan** • Education, Field: Mathematics Education, Dissertation Title: *What Do You Wonder?* Developing And Exploring The Construct Of Teacher-Curiosity About Young Children's Mathematical Thinking

**Juan Miguel Arias** • Manizales, Colombia. Education, Field: Developmental and Psychological Sciences, Dissertation Title: *Here and Back Again: Relational Pedagogy in Informal and Environmental Education* 

**Keith Bowen •** Education, Field: Higher Education Administration, Dissertation Title: *Virtual Exchange: Collaboration and Problem-Solving Across Continents and Cultures* 

Richard Lee Davis • Clarks Summit, Pennsylvania. Education, Field: Learning Sciences and Technology Design, Dissertation Title: Opening the Black Box: Investigating the Impact of Engineering Design on Mechanistic Problem Solving and Mechanistic Understanding

**Lillian Hall Fesler** • Lexington, Massachusetts. Education, Field: Economics of Education, Dissertation Title: *Inequality in Postsecondary Education: Using New Data and Methods to Understand Educational Barriers* 

**Emma Carene Gargroetzi •** Chicago, Illinois. Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *Becoming a Math Student in an American High School: An Ethnography of Math, Identity and Imagined Futures* 

**Luis Filipe de Miranda Grochocki •** Brasilia, Brazil. Education, Field: Education Policy, Dissertation Title: *Academic Endogamy in Brazil and its Influences on Faculty Productivity and Collaboration* 

**Karla Lomeli** • San Jose, California. Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *Cultural Competence in Teaching Immigrant-Origin Youth: The Ethic of Cariño* 

Filipe Recch Franca Recch Franca Guimaraes • Belo Horizonte, Brazil. Education, Field: International Comparative Education, Dissertation Title: Going Beyond Classrooms and Schools -Institutional Influences on Student Achievement: How Do Institutional Aspects of Complex Educational Systems Affect Student Learning?

**Anthony Muro Villa III •** Corona, California. Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *Shifting Power into the Hands of Mathematics Students: Classroom Factors that Impact Students' Mathematical Learning Opportunities During Groupwork* 

# Doctor of Philosophy DEGREES CONFERRED JANUARY 7, 2021

**Katherine Mun-Hao Cheng** • Los Altos, California. Education, Field: Learning Sciences and Technology Design, Dissertation Title: Examining personalized feedback as a tool to teach learning strategies

**Graciela Perez ·** Santiago, Chile. Education, Field: Economics of Education, Dissertation Title: *Advancing Equity: The Effects of Higher Education Interventions for Improving Underserved Students' Educational Outcomes* 

# Doctor of Philosophy DEGREES CONFERRED APRIL 1, 2021

**Cindy Kim-Ngan Lam •** San Jose, California. Education, Field: Developmental and Psychological Sciences, Dissertation Title: Examining How Social Digital Tools Foster Reading Engagement: A Mixed-Methods Case Study of Bookopolis

Paolo Cancio Martin • Long Beach, California. Education, Field: Learning Sciences and Technology Design, Dissertation Title: People and Pedagogies: Children's Accounts of Loving and Mattering That Shape Their Wellbeing in School

# Doctor of Philosophy

DEGREE CANDIDATES, JUNE 13, 2021

ed • Education, Field: Anthropology of Education

**Abiya Ahmed •** Education, Field: Anthropology of Education, Dissertation Title: *Muslims on Campus: Religion, Secularity, and the Protestant Legacy* 

**Zhaolei Shi** • Xi'an, China. Education, Field: Economics of Education, Dissertation Title: *Unpacking the Education Production Function: Essays on Teaching, Parenting, and Measurement in Emerging Contexts* 

**David Shuang Song •** Wuhan, China. Education, Field: Race, Inequality, and Language in Education, Dissertation Title: *Multiracial Mandarin: The racialized tensions of educational equity and heritage language* 

# School of Engineering

### Jennifer Widom, Dean

#### **Bachelor of Science**

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**King Castillo Alandy Dy •** Manila, Philippines. Interaction Engineering & Design

Kelsey McQuilkin Bing • Houston, Texas. Mechanical Engineering Isaiah Tong Bush • Seattle, Washington. Computer Science Ayushi Chandaria • Singapore, Singapore. Product Design and Computer Science

**Amy Chou •** Bozeman, Montana. Computer Science **Nikita Dipsang Nansingh Darbar •** Nairobi, Kenya. Chemical Engineering

Enrique De Alba Jr. • Computer Science

**Hallie Dunham •** Seattle, Washington. Electrical Engineering **Zachary Espinosa •** Turlock, California. Computer Science

**Michael Figueroa •** Lawrenceville, Georgia. Chemical Engineering

**Emma Margaret Ford •** Electrical Engineering

**Jensina Froland •** Friday Harbor, Washington. Bioengineering **Pedro Guimaraes Martins •** Belo Horizonte, Brazil. Chemical Engineering

**Cynthia V. Hao •** Saratoga, California. Bioengineering, Departmental Honors Program, with Distinction

Jihee Hwang • Seoul, Korea. Computer Science

**Margaret Ivory** • Salt Lake City, Utah. Management Science and Engineering

**Alexander Uhunoma Iyabor Jr.** • Atlanta, Georgia. Computer Science

**Nathan Tien Nan Kong •** Dallas, Texas. Computer Science **Claire Lamadrid •** Bioengineering

Samantha Rose Loui • Engineering, Field: Engineering Physics Chieloka Gerard Mbaezue • Marietta, Georgia. Mechanical Engineering

**Sofya Irene Ogunseitan •** Irvine, California. Computer Graphics and Technical Art and Computer Graphics and Technical Art

Max E. Perko • San Francisco, California. Electrical Engineering

Minh-Ai Jenny Phamhi • San Bruno, California. Computer Science Joseph Marques Ringer • Trabuco Canyon, California. Management Science and Engineering

**Lauren Katherine Rood** • Camas, Washington. Management Science and Engineering

Amy An-Yi Shen • Computer Science

Nicholas Allan Steele • Los Angeles, California. Computer Science

Yuji Sugimoto • Electrical Engineering

**Cameron Arthur Tenner •** Glendale, California. Environmental Systems Engineering, with Distinction

**Cameron Jordan Thouati de Tazoult •** Berkeley, California. Computer Science

**David W. Wu •** Troy, Michigan. Computer Science, Departmental Honors Program



#### **Bachelor of Science**

#### **DEGREES CONFERRED JANUARY 7, 2021**

Brian Alexander • Tualatin, Oregon. Mechanical Engineering
Ammar Ali Alqatari • Alqatif, Saudi Arabia. Computer Science
Monica Ngozi Anuforo • Stillwater, Minnesota. Computer Science
Adekunle Emmanuel Awojinrin • Lagos, Nigeria. Electrical
Engineering

Mario Baxter Cabrera • Totana, Spain. Computer Science
Arda Suat Bulut • Los Gatos, California. Computer Science
Cainan A. Cole • Los Angeles, California. Mechanical Engineering, with Distinction

Mario Cuevas Rodriguez • Computer Science

**Hannah Nichols DeBalsi •** Westport, Connecticut. Computer Science, with Distinction

**Deborah Ross Reynolds Ewald •** Tiburon, California. Cybersecurity **Maxwell Anders Farr •** Computer Science

Rachel Gardner • Austin, Texas. Computer Science, with Distinction Gabriel Anthony Garza • San Antonio, Texas. Computer Science Benjamin Joseph Goldstein • Los Angeles, California. Engineering, Field: Engineering Physics

**Nicolette Gabriella Grabiec •** Chicago, Illinois. Engineering, Field: Product Design

**Zachary Austin Grech •** Las Vegas, Nevada. Management Science and Engineering

**Jared Thomas Hill •** Seaside, California. Management Science and Engineering

**Daniel Joseph Hills-Bunnell •** Washington, District of Columbia. Engineering, Field: Product Design

Xinxuan Jiang • Changzhou, China. Computer Science

**Tai Franciszek Kao-Sowa •** McLean, Virginia. Electrical Engineering **Tai Kerzner •** Nassau, Bahamas. Engineering, Field: Product Design **David Hyun Kim •** Great Neck, New York. Electrical Engineering

Tanay Nilesh Kothari • New Delhi, India. Computer Science

Alexander Kucy • Electrical Engineering

**Nathaniel Paul Lee •** New York, New York. Human Computer Interaction and Design

Soomin Lee • Seoul, Korea. Computer Science

**David Gregory Leede •** Greenwood Village, Colorado. Management Science and Engineering

**Jack Alan Little •** Las Vegas, Nevada. Management Science and Engineering

**Francisco Alberto Lopez •** Dallas, Texas. Chemical Engineering **Eric Paul Mason Jr. •** Chicago, Illinois. Chemical Engineering

Peter Anthony McEvoy • Civil Engineering

**Katriona McNeill •** Chevy Chase, Maryland. Computer Science **Kaleb S. Morris •** Gardnerville, Nevada. Computer Science, with Distinction

**Oluwaseyi Gbenga Olaleye •** Chicago, Illinois. Mechanical Engineering

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for Spring Quarter are accurate as of June 8, 2021 after the application to graduate deadline. Confirmation of degrees conferred on June 13, 2021 may be requested from the Office of the University Registrar after June 17, 2021. Contact the Office of the University Registrar in the event of any questions or discrepancies.

Tiffany Ong • Woodland Hills, California. Computer Science
Nathan Poczekay • Chesterton, Indiana. Mechanical Engineering
Karina A. Sanchez • San Juan Capistrano, California. Computer
Science

Nicholas B. Seay • Chattanooga, Tennessee. Computer Science Isaac McKee Smith • Ballston Lake, New York. Computer Science Sreeroopa Som • Pittsburgh, Pennsylvania. Management Science and Engineering

**Maxine Aviva Stern •** New York, New York. Engineering, Field: Product Design

**Mason Riley Swofford •** Fishers, Indiana. Computer Science, with Distinction

**Alexandra Emese Szekely •** Doylestown, Pennsylvania. Management Science and Engineering

**Chloe Mancy Thai •** Buffalo, New York. Engineering, Field: Product Design

**Dionne Taylor Mary Thomas •** Carson, California. Chemical Engineering

**Kevin Tran •** San Gabriel, California. Computer Science **Carel Requir Van der Merwe •** Mountain Lakes, New Jersey. Management Science and Engineering

**Kyle N. Walker** • Country Club Hills, Illinois. Electrical Engineering **Peter Wang** • Computer Science

**Mikaela Jessica Watson •** Philadelphia, Pennsylvania. Engineering, Field: Product Design

Riley Wilson • Cedar City, Utah. Computer Science

Sarah Rose Woodard • Fort Worth, Texas. Electrical Engineering

Emily Wu • Portland, Oregon. Computer Science

**Zheng Yan •** Brookfield, Wisconsin. Computer Science

Kevin Yap Yang • Philippines. Computer Science



# Bachelor of Science DEGREES CONFERRED APRIL 1, 2021

Caitlin G. Acosta • Montpelier, Vermont. Bioengineering

**Kirk Ampong •** East Legon, Ghana. Computer Science **Allison Kendall Armstrong •** Las Vegas, Nevada. Engineering, Field: Product Design

**Erdenebold Battulga** • Erdenet, Mongolia. Computer Science **Mizrahy Aquino Bernardo** • South San Francisco, California. Mechanical Engineering

**Legend C. Brandenburg •** Sacramento, California. Computer Science

**Jordan Brinn •** Chattanooga, Tennessee. Environmental Systems Engineering

**David James Browne •** Kalispell, Montana. Computer Science **I Tung Chen •** Computer Science

**Grace Vivian Cheng •** Westborough, Massachusetts. Computer Science

**Grant T. Coalmer •** Houston, Texas. Mechanical Engineering **Barbora Davidova •** Prague, Czech Republic. Computer Science, with Distinction

**Nikita-Girey Nechvet Demir •** Bethesda, Maryland. Computer Science

Maya Anne Crisencia Dodson • Georgia. Engineering & Ethics
Lucas Sebastian Ege • Burlington, Illinois. Computer Science
Jose Francis Escarce • California. Chemical Engineering
Dillon Reece Franke • Woodland, Washington. Computer Science

**Dante JohnCarl Gaudet •** Santa Monica, California. Management Science and Engineering

**Patrick Joseph Gilligan •** Austin, Texas. Engineering, Field: Product Design

**Charles Miller Goldberg •** New York, New York. Management Science and Engineering

**Maverick Dayne Handley •** Highlands Ranch, Colorado. Bioengineering

Jaime Hurtado-Lopez • Fontana, California. Computer Science Maya Minakshi Jackson • Cerritos, California. Engineering, Field: Biomechanical Engineering

**Smita Kanjanapas** • Bangkok, Thailand. Mechanical Engineering **Alexander Sean Kim** • Los Angeles, California. Computer Science **Aubrey Kingston** • Mechanical Engineering

**Frederic-Charles Robert Krynen •** Toulouse, France. Mechanical Engineering

**Alexis J. Kuppersmith •** College Station, Texas. Computer Science **Yifeng Lin •** China. Computer Science

**Dorian Lumarque •** Aiea, Hawaii. Environmental Systems Engineering

**Sainiteesh Maddineni** • San Ramon, California. Bioengineering, Departmental Honors Program, with Distinction

**Eric Tetsuo Matsumoto** • Bethesda, Maryland. Computer Science **Kyle Burton McCombs** • Laguna Beach, California. Management Science and Engineering

Kento Perera • Santa Barbara, California. Computer Science
Sarah Saki Robinson • Los Altos Hills, California. Computer Science
Jessica Rodriguez • Oakland, California. Mechanical Engineering
Delaney Rua • Gainesville, Florida. Engineering, Field: Product
Design

**Halston James Campbell Sandford •** Engineering, Field: Biomechanical Engineering

**Brigitte Leida Schmittlein •** Newton, Massachusetts. Mechanical Engineering

**Jasdeep Singh •** Fremont, California. Materials Science and Engineering

**Sophia M. Sole •** Houston, Texas. Management Science and Engineering

**Nivedha Kelley Soundappan •** Kathleen, Georgia. Aeronautics and Astronautics

**Nathaniel Norwood Staffa •** Durham, North Carolina. Electrical Engineering

Brian Jiakai Su • Santa Barbara, California. Mechanical Engineering
Tyler T. Su • Las Vegas, Nevada. Interaction Design and Engineering
Prinslou Kipchumba Tare • Nairobi, Kenya. Computer Science
Brooke Ermias Teferra • Mechanical Engineering

**Samuel Todd Turchetta** • Pound Ridge, New York. Computer Science

Camila Tussie • Weston, Florida. Bioengineering
Tianshuang Wang • Yantai, China. Computer Science
Hannah Hata Williams • Mill Valley, California. Mechanical
Engineering

**Katherine Yang** • Auckland, New Zealand. Engineering, Field: Product Design

**Maya L. Ziv** • San Diego, California. Computer Science, with Distinction

# Bachelor of Science

#### **DEGREE CANDIDATES, JUNE 13, 2021**

**Nicholas Lipscomb Abram •** Durham, North Carolina. Engineering, Field: Product Design

**Kevin Walter Adams •** San Mateo, California. Computer Science **Ademiloluwa Andrew Adeniji •** Fresno, California. Computer Science, Departmental Honors Program

**Amay Aggarwal •** Management Science and Engineering, with Distinction

Manav Aggarwal • Computer Science

Olayemi Oluwatosin Ajao • Chemical Engineering

**Oluremi Gabrielle Abigail Akindele •** Pittsburgh, Pennsylvania. Bioengineering

**Nibha Akireddy •** Santa Clara, California. Electrical Engineering **Kasha Khashayar Akrami •** Denver, Colorado. Management Science and Engineering, Interdisciplinary Honors Program in Science, Technology, and Society

Rakan Murad Albarghouty • Electrical Engineering

Marco José Alfaro • San Salvador, El Salvador. Computer Science

Karim Mustafa Aloul • Orlando, Florida. Bioengineering

**Martin Luke Altenburg** • Fargo, North Dakota. Electrical Engineering, Departmental Honors Program

**Eghosa Omorinola Amadin •** Houston, Texas. Computer Science **Ozioma-Jesus Damisi Philip Anyanwu •** South Hamilton, Massachusetts. Computer Science

Paulina Anzaldo • Puerto Vallarta, Mexico. Computer Science

Ashwin Arasu • Management Science and Engineering

**Catherine Leigh Areklett •** Gates Mills, Ohio. Management Science and Engineering

**Ian Richard Arko** • Pueblo, Colorado. Electrical Engineering **Brent Armistead** • Phoenix, Arizona. Engineering, Field: Biomechanical Engineering

**Britney Victoria Armstrong •** Watsonville, California. Computer Science

**Matias Kimmo Benjamin Arola •** Paimio, Finland. Computer Science, with Distinction

**Constantine J. Athanitis •** Brooklyn, New York. Materials Science and Engineering, with Distinction

Abby Catherine Audet • Austin, Texas. Electrical Engineering Lara Bagdasarian • Los Angeles, California. Computer Science Alice Georgina Ballard-Rossiter • London, United Kingdom. Management Science and Engineering

**Chloe Kathleen Barreau** • Hong Kong. Computer Science **Alison Bartsch** • St. Thomas, Virgin Islands. Aeronautics and Astronautics

**Diego Randall Recinos Baugh •** Rowayton, Connecticut. Computer Science

**Kendall Nicole Beache •** Louisville, Kentucky. Computer Science **Tomas Jose Bencomo •** Phoenix, Arizona. Computer Science, with Distinction

**Juliana Patricia Berglund-Brown •** Flagstaff, Arizona. Civil Engineering

**Elena Berman •** Minneapolis, Minnesota. Computer Science **James Niyonkuru Bicamumpaka •** Manzini, Swaziland. Civil Engineering

**Paul William Bischoff •** Wheaton, Illinois. Aeronautics and Astronautics

Zaeda Sophia Blotner • Bioengineering

**Abena Boadi-Agyemang •** Francistown, Botswana. Mechanical Engineering

 $\textbf{Alessandro Brandon Boaro} \bullet \textbf{Carmel, California. Civil Engineering}$ 

William Johannes Boehning • Larchmont, New York. Management Science and Engineering

**Peter Robert Boennighausen •** Los Altos, California. Computer Science, with Distinction

**Anna Boonyanit •** Redwood City, California. Computer Science, with Distinction

**Casey Borovsky •** Deerfield, Illinois. Management Science and Engineering, with Distinction

**Nicholas Wilmer Bowman •** Fullerton, California. Computer Science, with Distinction

**Clara Caroline Bradley •** Orono, Maine. Engineering, Field: Product Design

**Robert Alan Brantley Jr.** • Engineering, Field: Product Design, with Distinction

Olivia Rae Brown • Computer Science

Engineering

**William Blake Buchanan •** Santa Barbara, California. Computer Science

**Casey Suzanne Calhoun •** Scottsdale, Arizona. Engineering, Field: Engineering Physics

Neval Cam • Istanbul, Turkey. Computer Science

**Ryan B. Cao •** Helotes, Texas. Computer Science

Lemuel Antonio Cardenas-Arriaga • Computer Science

**Maribel Cardiel •** Albuquerque, New Mexico. Computer Science **Adrian Castaneda Juarez •** Van Nuys, California. Chemical

**Elise Claire Celestin •** Port of Spain, Trinidad and Tobago. Engineering, Field: Architectural Design

**Kartik Chandra** • Palo Alto, California. Computer Science, Departmental Honors Program, with Distinction

**Michelle Yating Chang •** Bloomfield Hills, Michigan. Engineering, Field: Product Design

**Krista Victoria Chew** • Pioneer, California. Engineering, Field: Product Design

**Jonathan Michael Chhang •** Camarillo, California. Electrical Engineering

**Daniel L. Chiu** • Aliso Viejo, California. Mechanical Engineering **Cullen Bryant Chosy** • Madison, Wisconsin. Chemical Engineering, Departmental Honors Program, with Distinction

Kinbert Chou • California, Computer Science

**Andrew James Chun** • La Jolla, California. Management Science and Engineering

**Heejung Wang Chung •** Cupertino, California. Computer Science, with Distinction

**Gabrielle Chaya Cohn** • Portland, Oregon. Computer Science, with Distinction

**Jeremiah Daniel Coleman •** Granada Hills, California. Engineering, Field: Engineering Physics

Max Comolli • Management Science and Engineering

**Gordon Bruce Connelly III •** Computer Science, with Distinction

Justin Cortez • Chemical Engineering

**Teaghan Chloe Houchen Cowles •** Ridgefield, Washington. Bioengineering

**Collin John Cremers •** Spokane, Washington. Electrical Engineering, with Distinction

**Sage Crosby** • Rio Rancho, New Mexico. Civil Engineering **David James Robert Cross** • Vancouver, Canada. Environmental Systems Engineering

**Ryan James Crowley •** Bakersfield, California. Engineering, Departmental Honors Program, with Distinction

**Drew Brazil Dalman •** Salinas, California. Mechanical Engineering **Maxwell Hubbell Darling •** Evanston, Illinois. Computer Science **Chase Simeon Davis •** Atlanta, Georgia. Computer Science

**Camille Dawson •** Houston, Texas. Management Science and Engineering

**Alexander Minh-Anh Day •** Milton, Massachusetts. Computer Science

Rhys Elliott De Sota • Aurora, Colorado. Bioengineering Ines Jessica De Suza Epote • Ottershaw, United Kingdom. Management Science and Engineering

**Marcela Simone De los Rios •** Thousand Oaks, California. Mechanical Engineering

**Saron Dea •** Carmichael, California. Management Science and Engineering

**Gabrielle Hong Delos Reyes •** La Vista, Nebraska. Computer Science

Jingyi Deng • San Leandro, California. Computer Science Shubhankar Uday Deo • Willowbrook, Illinois. Management Science and Engineering

**Shubhang H. Desai •** Bloomington, Illinois. Computer Science **Arjun Kundan Dhawan •** Newburgh, Indiana. Electrical Engineering **Trevor Ryan DiGerolamo •** Engineering, Field: Biomechanical Engineering

Jose Luis Diaz Reyes • Mechanical Engineering

Carissa Livan Ding • Malaysia. Environmental Systems Engineering Aidan John Donohue • Stanford, California. Computer Science Yibing Du • Computer Science, Departmental Honors Program, with Distinction

**Kendra Jae Dunsmoor •** Raymond, Washington. Computer Science **Shubhangi Dutta •** Mumbai, India. Management Science and Engineering

Vineet Edupuganti • Portland, Oregon. Electrical Engineering Benjamin R. Ehmann • Scottsdale, Arizona. Computer Science Anna Elin Elsa Ekholm • Stockholm, Sweden. Computer Science Hannah Elmaraghi • Cairo, Egypt. Materials Science and Engineering

**Yagmur Erhan •** Istanbul, Turkey. Engineering, Field: Engineering Physics

**David Andres Estrada-Arias •** Houston, Texas. Computer Science **Chloe Evans •** San Francisco, California. Mechanical Engineering **Kylebrennan Depaz Feliciano •** Aurora, Illinois. Engineering, Departmental Honors Program, with Distinction

Antonio Robert Ferris • Mesa, Arizona. Computer Science Omar Fidawi • Athens, Greece. Chemical Engineering Shawn Filer • Ferguson, Missouri. Management Science and Engineering

**Nicolas Fishman •** Washington, District of Columbia. Computer Science, with Distinction

Rachael Michelle Flam • Houston, Texas. Mechanical Engineering Rachel C. Fong • Piedmont, California. Computer Science & Product Design

**Holden Saige Foreman •** St. Louis, Missouri. Computer Science **Holly Briggs Francis •** Marion, Massachusetts. Ocean Engineering **Grace Carsen Garcia •** New York City, New York. Engineering, Field: Product Design

**Mihir Garimella •** Pittsburgh, Pennsylvania. Computer Science, Departmental Honors Program, with Distinction

**Paula Maria Garza Gonzalez •** Tampico, Mexico. Engineering, Field: Architectural Design, Interdisciplinary Honors Program in Education **Trent Gilbert •** West Des Moines, Iowa. Computer Science

**Mariana Giraldo •** San Francisco, California. Engineering, Field: Product Design

Shagun Goel • New Delhi, India. Computer Science, with Distinction

Jonathan Michael Gomes Selman • Ithaca, New York. Computer Science, Departmental Honors Program, with Distinction

**Rebecca Andrea Gomez •** Del Valle, Texas. Engineering, Field: Product Design

**Luciano Gonzalez •** Rocklin, California. Computer Science **Tristan Ryan Gosakti •** Jakarta, Indonesia. Computer Science **Lauren Katherine Green •** San Jose, California. Management Science and Engineering

**Jordan Alvin Greenberg •** Eden Prairie, Minnesota. Engineering, Field: Product Design

**Ethan Logan Greene •** Spruce Pine, North Carolina. Mechanical Engineering

Andrew Mylander Gregory • Bedford, New York. Computer Science Nathaniel James Gugel • Hughson, California. Computer Science Daniel Elias Guillen • Los Angeles, California. Computer Science Mustafa Omer Gul • Istanbul, Turkey. Computer Science, with Distinction

**Richa Gupta •** Management Science and Engineering **Trace Guzman •** Frisco, Texas. Management Science & Entertainment

Jung-Won Ha • Seoul, Korea. Computer Science

**Jessica Marie Hagan •** Grand Isle, Louisiana. Engineering, Field: Product Design

**Behzad Haghgoo •** Tehran, Iran . Computer Science, Departmental Honors Program

**Daniel Halper •** Los Angeles, California. Engineering, Field: Product Design

**Brett Alec Hanewich •** Sarasota, Florida. Engineering, Field: Product Design

**Azhia Harris •** Altadena, California. Computer Science **Roscoe Herman Harris III •** Dallas, Texas. Engineering, Field: Product Design

**Cade Haskell •** Turner, Oregon. Chemical Engineering, with Distinction

**Robert Thomas Heckerman •** Santa Monica, California. Computer Science, with Distinction

James Andres Hemker • Baltimore, Maryland. Computer Science Leo Joseph Henken • Saint Louis, Missouri. Electrical Engineering Jack Edward Herkert • Verona, Wisconsin. Mechanical Engineering Maria Paula Hernandez Fernandez • Barcelona, Spain. Bioengineering

Aiyanna Isabel Herrera • Ripon, California. Mechanical Engineering Joel Alexander Herrera • Inglewood, California. Mechanical Engineering

**Matthew James Hirschberger •** Palm Harbor, Florida. Aeronautics and Astronautics

**Rosemond Ho •** Mechanical Engineering, Departmental Honors Program

**Harrison Hochman •** Los Angeles, California. Management Science and Engineering

**Gordon Converse Holterman III •** Hillsborough, California. Computer Science

Jihun Hong • Seoul, Korea. Computer Science, with Distinction Tyler William Hong • St. Paul, Minnesota. Computer Science Callan Alden Hoskins • Orinda, California. Computer Science Christopher Gray Howard • Atlanta, Georgia. Computer Science, with Distinction

Joy Hsu • Computer Science, Departmental Honors Program
Grace Hu • Jericho, New York. Materials Science and Engineering
Kevin Hu • Vancouver, Canada. Computer Science

**Allen Yang Huang •** Hattiesburg, Mississippi. Computer Science **Bryant Huang •** Minneapolis, Minnesota. Engineering, Field: Architectural Design

Johannes Nehemiah Hui • Los Altos, California. Computer Science Ty Christopher Hunter • Seattle, Washington. Computer Science Alexander Joshua Hurtado • Plainfield, Illinois. Computer Science Manuel Ignacio Iribarren Guevara • Caracas, Venezuela. Engineering, Field: Product Design

Aditya Iswara • Flower Mound, Texas. Computer Science Krithika Subhadra Iyer • Plano, Texas. Computer Science Noah Abraham Jacobson • San Diego, California. Computer Science

Jaewoo Jang • Seoul, Korea. Computer Science

Mallika Jhamb • London, United Kingdom. Management Science
and Engineering

Sejal Jhawer • Computer Science

**Kevin Ji** • Palo Alto, California. Computer Science, with Distinction **Cynthia Xinya Jia** • Bloomfield Hills, Michigan. Computer Science, with Distinction

**Bihan Jiang •** Grapevine, Texas. Computer Science

**Thomas Wentao Jiang •** Sydney, Australia. Computer Science **Bowen Jing •** Computer Science, Departmental Honors Program, with Distinction

**Bryce Alfred Johnson •** Frisco, Texas. Computer Science **Jabreea Yvonne Johnson •** Tampa, Florida. Engineering, Field: Product Design

**Tyler Robert Johnson •** Green Bay, Wisconsin. Computer Science **Sonja Qijing Johnson-Yu •** Kirkland, Washington. Computer Science

**Sydney Marie Jones •** Spokane, Washington. Computer Science **Avni Kakkar •** Johns Creek, Georgia. Computer Science

**Siddharth Kapoor** • Chandigarh, India. Computer Science **Camila Elyse Katz** • Los Angeles, California. Management Science and Engineering

**Grant Ryan Kessler •** Dallas, Texas. Management Science and Engineering

**Avi Khemani •** Los Altos, California. Computer Science, with Distinction

**Golrokh Khoddambashi Emami •** Esfahan, Iran . Computer Science **Albert Kim •** Korea. Materials Science and Engineering

**Caroline Heawon Kim •** Chemical Engineering, with Distinction **Dong Hui Kim •** Dublin, California. Computer Science, with Distinction

**Minju Kim** • San Ramon, California. Computer Science **Samantha Yumi Kim** • Demarest, New Jersey. Computer Science, with Distinction

**Caitlin Elizabeth Klauer** • Andover, Massachusetts. Engineering, Field: Product Design, with Distinction

**Emma Louise Knaus •** Ross, California. Engineering, Field: Product Design

**Jake Eli Koffman •** Orono, Maine. Computer Science **Malaika Koshy •** San Jose, California. Engineering, Field: Product Design

**Gitanjali A. Krishna •** Essex Junction, Vermont. Computer Science **Ruben Krueger •** Newport, Oregon. Computer Science

Hannah Marie Kukurugya • Management Science and Engineering

Isha Kumar • Palmdale, California. Computer Science

Peter Kwak • Portland, Oregon. Computer Science

Yong Nam Kwon • Electrical Engineering

**Rahul Kartikeya Lall •** Auburn, Alabama. Electrical Engineering, Departmental Honors Program, with Distinction

**Lance L. Lamore •** Rancho Santa Margarita, California. Computer Science

**Alexander Day Langshur •** Computer Science, with Distinction

**Celeste M. Larios •** Norwalk, California. Mechanical Engineering **Mark A. Laurie •** Engineering, Departmental Honors Program **Anh Thien Le •** San Jose, California. Management Science and Engineering

Anthony Tu Le • Laguna Niguel, California. Computer Science
Chloe Lee • Chicago, Illinois. Management Science and Engineering
Luka Levi • San Francisco, California. Computer Science
Chloe Levin • New York City, New York. Environmental Systems
Engineering

Ruihong Li • Beijing, China. Computer Science

Sandy Li • Petal, Mississippi. Computer Science

**Madeline Miranda Liao •** Fresno, California. Computer Science, Departmental Honors Program

**Tassica Linmei Lim •** Bellaire, Texas. Computer Science **Alexander Charles Lin •** Fairfax, Virginia. Management Science and Engineering

Victor S. Lin • Computer Science

**Kathy Feng Liu** • Sandy, Utah. Materials Science and Engineering, Departmental Honors Program

**McKenna Kristin Loop •** Phoenix, Arizona. Chemical Engineering, Departmental Honors Program, with Distinction

**Juliette Elizabeth Love •** San Carlos, California. Computer Science, with Distinction

**Alexis Joy Lowber •** Newtown Square, Pennsylvania. Computer Science

**Joseph J. Loy •** Zion, Illinois. Electrical Engineering

Rachel Zhang Lu • Manhasset, New York. Management Science and Engineering

**Priscilla Peisan Lui** • San Jose, California. Computer Science **Javier Luna** • Ciudad de Mexico, Mexico. Chemical Engineering, with Distinction

**Hede Ma •** Shanghai, China. Computer Science

Melissa Machado • Engineering, Field: Product Design

**Akhil Kryspin Maddukuri •** Little Rock, Arkansas. Management Science and Engineering

Sagar Maheshwari • Chadds Ford, Pennsylvania. Computer Science Claire Mei Jun Mai • Honolulu, Hawaii. Computer Science Edward Albert Malacon • Cerritos, California. Mechanical Engineering

**Andrew M. Malty •** Nashville, Tennessee. Computer Science **William Christopher Mangram •** Dallas, Texas. Aeronautics and Astronautics

**Tuheen Murali Manika •** Carlsbad, California. Chemical Engineering **Yash Shyamsundar Maniyar •** San Jose, California. Computer Science

**Sahar Markovich •** Kiryat Haim, Israel. Computer Science **Brooke Alicia Martin •** Spokane, Washington. Management Science and Engineering

**Eric Mark Martin •** New York City, New York. Computer Science, with Distinction

Chyna Janell Mays • Bioengineering

**Cameron Robert McClellan •** London, United Kingdom. Management Science and Engineering

**Daniel Thomas McColl •** La Jolla, California. Management Science and Engineering

**Akua Adeneke McLeod •** Upland, California. Electrical Engineering **Laura-Sofia Piya Mehta •** Bethesda, Maryland. Management Science and Engineering

**Henry James Peterson Mellsop •** Auckland, New Zealand. Computer Science, with Distinction

**Marlies Raskin Michielssen •** Ann Arbor, Michigan. Management Science and Engineering

**Kaylie Elizabeth Mings •** Texas. Engineering, Field: Product Design **Suvir Prakash Mirchandani •** Pittsburgh, Pennsylvania. Computer Science, with Distinction

**Rowan Kenneth Mockler •** Johannesburg, South Africa. Computer Science

**Asya Moshkovich** • Moscow, Russian Federation. Engineering, Field: Product Design

**Surabhi Gopal Mundada •** Olympia, Washington. Computer Science

Prathik Naidu • Computer Science

**Varin Satish Nair** • Hyderabad, India. Computer Science **Alejo Navarro Goldaraz** • Buenos Aires, Argentina. Mechanical Engineering, with Distinction

Roy Nehoran • Tracy, California. Computer Science
Benjamin Louis Newman • Great Neck, New York. Computer
Science, with Distinction

**Max Thomas Newport •** Greenwood, Indiana. Engineering, Field: Engineering Physics, with Distinction

Michelle Julia Wai Leng Ng • Singapore, Singapore. Computer Science

Le Hoai Anh Nguyen • Computer Science

**Lien Nguyen •** Blanchester, Ohio. Chemical Engineering **Carmina Fe Nicolas •** San Diego, California. Engineering, Field: Product Design

**Aron Dayr Nunez •** Orland, California. Management Science and Engineering

**Sarah Nwakudu** • Engineering, Field: Biomechanical Engineering **Miranda Reese Nykolyn** • Huntington, New York. Mechanical Engineering

**Pablo Arturo Ocampo •** Miami, Florida. Computer Science **Ranya Odeh •** Sacramento, California. Bioengineering **Michael Chukwuemeka Oduoza •** Vancouver, Canada. Electrical Engineering, with Distinction

**Sarah Faith Ohta •** South Pasadena, California. Engineering, Field: Architectural Design

Abisola Olawale • Computer Science

Erica Christine Olsen • Las Vegas, Nevada. Bioengineering
Esther Abisola Omole • Pembroke Pines, Florida. Engineering,
Field: Architectural Design, Interdisciplinary Honors Program in Arts
Delmy Daniela Orozco • San Fernando, California. Mechanical
Engineering

**Jennifer Grace Owens •** McLean, Virginia. Computer Science **Onyinyechukwuka Ozoma •** Aurora, Colorado. Management Science and Engineering

Tyler Packard • Palo Alto, California. Computer Science
Blake Pagon • Haymarket, Virginia. Computer Science
Jacob Benjamin Palisch • Richardson, Texas. Computer Science

**Jacob Benjamin Palisch •** Richardson, Texas. Computer Science **Angel Pan •** Brick, New Jersey. Computer Science

Seung Min Park • Vancouver, Canada. Computer Science

**Alekzander Thomas Parsons** • Ogden, Utah. Environmental Systems Engineering

**Chinmay Suhrud Patel** • Ahmedabad, India. Computer Science **Cole Chandler Paullin** • Manhattan Beach, California. Engineering, Field: Biomechanical Engineering

Ryan Dominic Peng • Erie, Colorado. Computer Science Gillian Maria Peraza • Hialeah, Florida. Bioengineering Gabriel Alexander Perez • Herndon, Virginia. Mechanical Engineering

**Sharon Seir Perez Diaz •** Mountain View, California. Mechanical Engineering

Idalia Perez Olivera • Los Angeles, California. Bioengineering Yash Pershad • Phoenix, Arizona. Bioengineering

**Philip Mateo Pfeffer •** London, United Kingdom. Electrical Engineering, with Distinction

**Giovanna Pinciroli** • Milano, Italy. Management Science and Engineering, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law, with Distinction

**William Kirk Pittock •** Los Gatos, California. Management Science and Engineering

**Lauren Nicole Pitzer** • Haltom City, Texas. Mechanical Engineering **Matthew R. Prospero** • El Paso, Texas. Bioengineering

**Tarun A. Punnoose •** Herndon, Virginia. Electrical Engineering **Andrés Ignacio Pérez •** Caracas, Venezuela. Management Science and Engineering

Kalyani Ramadurgam • San Diego, California. Computer Science Kailash Raman • Phoenix, Arizona. Chemical Engineering, with Distinction

**Ashwin Ramaswami •** Johns Creek, Georgia. Computer Science **Kaitlyn Rose Ramirez •** The Woodlands, Texas. Chemical Engineering

**David-Angelo Reyes Ramos •** Los Angeles, California. Computer Science

**Bradley Kyle Ramunas •** Miami, Florida. Computer Science **Disney Rattanakongkham •** Tampa, Florida. Mechanical Engineering

Eric S. Rawn • Computer Science

**Austin Charles Ray** • Alpharetta, Georgia. Management Science and Engineering

**Trishiet Ray** • Kendall Park, New Jersey. Computer Science **Edan Reches** • Sherman Oaks, California. Mechanical Engineering **Brooke Laraine Redington** • Los Angeles, California. Engineering, Field: Product Design

Kelsey L. Reed • Menlo Park, California. Mechanical Engineering Cesar Regalado • Houston, Texas. Mechanical Engineering John Patrick Reilly • Manhattan Beach, California. Computer Science

**Ryan Kazuo Ressmeyer •** Mercer Island, Washington. Electrical Engineering, with Distinction

**Swetha Revanur** • San Jose, California. Computer Science **Federico Jose Reyes Gomez** • Monterrey, Mexico. Computer Science, with Distinction

Thariq Ridha • Beaverton, Oregon. Computer Science
Katherine Curtis Seidenwurm Robbins • Sacramento, California.
Environmental Systems Engineering

Markie Maraya Robertson-Wagner • Whittier, California. Computer Science

**Matthew Patrick Rodgers •** Corte Madera, California. Management Science and Engineering

**Maria Cecilia Rodrigues Marques •** Management Science and Engineering

Luis Iván Rodríguez • Trujillo Alto, Puerto Rico. Computer Science Alyssa Bautista Romanos • Paramus, New Jersey. Computer Science

**Thea Laetitia Rosenberg •** Oslo, Norway. Management Science and Engineering

**Emily Ross •** Computer Science, with Distinction

Robert Terrell Ross • Atlanta, Georgia. Computer Science Kaitlin Elizabeth Ryan • Bronxville, New York. Management Science and Engineering

Kathryn Rydberg • Denver, Colorado. Computer Science Christopher Nelson Saenz • Phoenix, Arizona. Engineering, Field: Engineering Physics **Timothy Yung-Ming Sah** • San Diego, California. Computer Science **Christina George Sakellaris** • Milton, Massachusetts. Computer Science

**Venkata Saladi** • Chesterbrook, Pennsylvania. Computer Science **Alejandro Jose Salinas** • Pasadena, California. Computer Science **Marianna Grace Salvatori** • Baltimore, Maryland. Engineering, Field: Product Design

**Wendy Sanchez •** Los Angeles, California. Engineering, Field: Product Design

**Hariharan Sathyamurthy •** Indianapolis, Indiana. Engineering, Field: Product Design

**Aakanksha Saxena •** Scottsdale, Arizona. Computer Science **Collin Schlager •** Superior, Colorado. Computer Science, with Distinction

**Hannah Ashley Schofield** • Moorpark, California. Bioengineering **Andea Jewel Scott** • Sheridan, Oregon. Computer Science and Energy Resources Engineering

**Carson Robert Scranton •** Murrieta, California. Management Science and Engineering

**Brian Alexander Seabrooks •** Fairfield, California. Management Science and Engineering

**Ying Hang Seah •** Singapore, Singapore. Computer Science **Jimmy Alexander Serrano •** Carbondale, Colorado. Computer Science

Anand Shankar • Computer Science

**Diva Sharma •** New Delhi, India. Computer Science **Neha Sharma •** Sunnyvale, California. Computer Science

Mariia Shcherbakova • Luxembourg, Luxembourg. Computer Science and Applied Neuromechanics

Troy Shen • Chicago, Illinois. Computer Science

**Daniel Shevchuk •** San Diego, California. Management Science and Engineering

**Gleb Shevchuk** • San Diego, California. Computer Science **Amelia D. Shoch** • Woodside, California. Mechanical Engineering **Braedon Zaron Silvers** • Boise, Idaho. Engineering, Field: Product Design

**Christopher John Skalnik •** Engineering, Departmental Honors Program, with Distinction

**Marinna Smallidge •** Hastings, Minnesota. Engineering, Field: Biomechanical Engineering

**Claire Louise Smythe •** San Rafael, California. Civil Engineering **Eric So •** Mechanical Engineering

Joanna Jiaqi Song • Engineering, Field: Biomedical Computation Eric Martin Sosa-Lesso • Portland, Oregon. Mechanical Engineering Sarah Catherine Spaugh • Baker City, Oregon. Mechanical Engineering

**John Spencer •** Redmond, Washington. Computer Science **Akshay Srivatsan •** Palo Alto, California. Computer Science, with Distinction

**Arvind Subramanian** • Olathe, Kansas. Computer Science **Jiarui Sun** • Singapore. Chemical Engineering, Departmental Honors Program, with Distinction

**Kevin Titat Supakkul •** Mechanical Engineering, with Distinction **Sabrina Suster •** Dallas, Texas. Management Science and Engineering, with Distinction

Madeleine I. Sutton • Pacifica, California. Computer Science Colton Orion Swingle • Murrieta, California. Bioengineering Ayushi Arvind Tandel • Computer Science

**Calvin Taylor •** Camas, Washington. Bioengineering **Elina Thadhani •** Boston, Massachusetts. Bioengineering, with Distinction

Raymond C. Thai • Omaha, Nebraska. Computer Science

**Andrew Delmos Thomas •** London, United Kingdom. Engineering, Field: Engineering Physics, with Distinction

**Victoria Elaine Thompson •** Newport Beach, California. Mechanical Engineering

 $\textbf{Eugene Ke Tian •} \ \textbf{College Station, Texas. Computer Science}$ 

Andrew Tierno • Computer Science

**Skylar Rain Todd •** Escondido, California. Engineering, Field: Product Design

Ricky Joshua Toh Wen Xian • Bandung, Indonesia. Civil Engineering

**Brooke Ada Tran •** Woodbridge, Virginia. Management Science and Engineering

**Haley Tran •** Los Altos Hills, California. Management Science and Engineering, with Distinction

**Charles Tsao •** Torrance, California. Electrical Engineering **Anmol Tukrel •** Toronto, Canada. Computer Science

**Andre Maurice Turati •** The Woodlands, Texas. Electrical Engineering

Luis Fernando Ulloa • Carson, California. Computer Science Pranav Upadhyayula • Plainfield, Illinois. Computer Science Sushil Baalaji Upadhyayula • Plainfield, Illinois. Computer Science Thierry Uwase • Kigali, Rwanda. Engineering, Field: Atmosphere/ Energy

**Skye Anna Vandeleest •** Green Bay, Wisconsin. Chemical Engineering, with Distinction

**Danielle Annalise Velez •** Sacramento, California. Engineering, Field: Atmosphere/Energy

**Shreya Tanvi Venkat •** New Providence, New Jersey. Computer Science

**Sreeram Venkatarao** • Mason, Ohio. Computer Science **Archana Verma** • Schaumburg, Illinois. Chemical Engineering **Sarah Emma Vicol** • Marlboro, New Jersey. Management Science and Engineering, with Distinction

Ivan Villa-Renteria • San Diego, California. Computer Science Sunnie Kalani Villapando • Manhattan Beach, California. Engineering, Field: Product Design

**Diego Adam Villero •** Engineering, Field: Product Design **Anastasiya Vitko •** Computer Science

**Ashley Michelle Volpenhein •** Mason, Ohio. Management Science and Engineering

Bocar Alpha Wade • Halifax, Canada. Computer Science

Jacob Tyler Wagner • Salem, Oregon. Computer Science

Sarah Suzanne Walker • Engineering, Field: Product Design

Celine Wang • Newport Beach, California. Mechanical Engineering

Chris Wang • Fremont, California. Computer Science

**Justin Jiayi Wang •** Irvine, California. Computer Science, with Distinction

Rachael Liu Wang • El Segundo, California. Computer Science Woodrow Zhouyuan Wang • College Station, Texas. Computer Science, Departmental Honors Program, with Distinction Autumn Victoria Warren • Bakersfield, California. Computer

**Jadal N. Williams** • Ann Arbor, Michigan. Mechanical Engineering **Noah Williams** • Phoenix, Arizona. Engineering, Field: Product Design, with Distinction

**Sidney Hope Davenport Wilson •** Toronto, Canada. Management Science and Engineering

Joshua Curtis Wolff • Sarasota, Florida. Bioengineering Nicole Amanda Woo • Menlo Park, California. Management Science and Engineering

**Taylor Alexis Wright •** Houston, Texas. Management Science and Engineering, with Distinction

Angela Anting Xu • Oakton, Virginia. Computer Science

**Edward Dong Xu** • Torrance, California. Computer Science, with Distinction

Joyce Erxin Xu · Lafayette, Colorado. Computer Science

Yuevang Xu • Fresh Meadows, New York, Electrical Engineering

**Danna Xue •** Stanford, California. Mechanical Engineering, Interdisciplinary Honors Program in Science, Technology, and Society

**Marin Yamada** • Management Science and Engineering

**Amber Zoe Yang •** Marana, Arizona. Computer Science

Becky Yang • Pontiac, Michigan. Engineering, Field: Product Design

Lauren Yang • Los Altos, California. Computer Science

Li Ge Yang • Computer Science

Melody Yang • Engineering, Field: Engineering Physics

Beatriz Sarah Yankelevich • Davis, California. Engineering,

Departmental Honors Program, Interdisciplinary Honors Program in Science, Technology, and Society

**Andrew L. Ying •** Greenwood Village, Colorado. Computer Science **Sosie Luz Yorki •** Chemical Engineering

**Ricky Ritsuki Young •** Troy, Michigan. Engineering, Field: Engineering Physics

**Morgan Imani Zagerman •** Franklin, Tennessee. Engineering, Field: Product Design, with Distinction

Brian Zeng • Honolulu, Hawaii. Computer Science

**Marilyn M. Zhang** • San Jose, California. Computer Science, Interdisciplinary Honors Program in Ethics in Society, with Distinction

**Jerry Zheng •** Rowland Heights, California. Human Centered Design & Engineering

**Lucia Zheng •** Portland, Oregon. Computer Science, Departmental Honors Program

Lucy Zhu • Computer Science

Wanqi Zhu • Nanjing, China. Computer Science

James F. Zhuang • Sunnyvale, California. Computer Science



#### Bachelor of Arts and Science

**DEGREES CONFERRED SEPTEMBER 24, 2020** 

**Kylie Amanda Jue •** Cupertino, California. Computer Science and English



#### Bachelor of Arts and Science DEGREES CONFERRED JANUARY 7, 2021

**Jack E. Beasley •** Menlo Park, California. Computer Science and Philosophy, Departmental Honors Program



#### Master of Science

#### DEGREES CONFERRED SEPTEMBER 24, 2020

**Pablo Antonio Absalon •** Deer Park, Texas. Mechanical Engineering **Gorish Aggarwal •** Chandigarh. Electrical Engineering

Surin Lindsay Ahn • Electrical Engineering

**Beatriz Shue-Yi Atsavapranee** • Cabin John, Maryland. Bioengineering

Oishi Lucienne Banerjee • San Jose, California. Computer Science Antoine Francis Edouard Barge • Paris, France. Management Science and Engineering

**Alison Dana Bick** • Short Hills, New Jersey. Mechanical Engineering **Emeric Stephane Boigne** • Annecy, France. Mechanical Engineering **Tiancheng Cai** • Computer Science

**Anthony Robert Carrington •** Fairfax Station, Virginia. Computer Science

**Yash Chandramouli** • Johns Creek, Georgia. Aeronautics and Astronautics

Tuofei Chen · Shenzhen, China. Electrical Engineering

Hsu-kuang Chiu • Taipei, Taiwan. Computer Science

Mi Hyun Choi • Guri, Korea. Bioengineering

Brianna Sierra Chrisman • San Jose, California. Bioengineering

**Zonghe Chua** • Mechanical Engineering

**Tudor Cristea-Platon** • Management Science and Engineering

Ehsan Dadgar-Kiani • Electrical Engineering

**Keino William Davis •** Palisade, Colorado. Materials Science and Engineering

**Breno De Mello Dal Bianco** • Curitiba, Brazil. Electrical Engineering **Hallie Dunham** • Seattle, Washington. Electrical Engineering

Vandon Trung Duong • Bioengineering

Ioannis Eugenis • Brooklyn, New York. Bioengineering

Yuhang Fan • Bioengineering

Michael Henry Fischer • Santa Cruz, California. Computer Science
Jun Wen Mark Gee • Singapore, Singapore. Electrical Engineering

Isaac Goldstein • Cincinnati, Ohio. Computer Science

Vivek Kumar Gupta • Queens, New York. Mechanical Engineering

Yukun Hao • Changzhi, China. Bioengineering

Alexandra Harrison • Palo Alto, California. Computer Science

Josh Hedtke • San Diego, California. Computer Science

**Katherine Amelia Holmes •** Cornwall, Vermont. Management Science and Engineering

Jihee Hwang • Seoul, Korea. Computer Science

Annabel Imbrie-Moore • Keswick, Virginia. Mechanical Engineering
Jiya Janowitz • Parthenon, Arkansas. Aeronautics and Astronautics
Tongtong Jiao • Taiyuan, China. Civil and Environmental

Kylie Amanda Jue • Cupertino, California. Computer Science Sydney Michelle Katz • Akron, Ohio. Aeronautics and Astronautics Yash Darshan Khatavkar • Asheville, North Carolina. Aeronautics and Astronautics

Taeyoung Kong • Electrical Engineering

Engineering

**Xiang Rong Richie Ling •** Singapore, Singapore. Mechanical Engineering

**Xiran Liu •** Nanjing, China. Computational and Mathematical Engineering

**Madeline Marie Lopez •** Bethlehem, Pennsylvania. Electrical Engineering

**Caitlin Amerine Mackey •** San Diego, California. Aeronautics and Astronautics

**Michael Thomas Mara •** Chicopee, Massachusetts. Computer Science

**Hernan Dario Mejia Mora •** Bogotá, Colombia. Management Science and Engineering

John B. Melloni • Tewksbury, Massachusetts. Computer Science

**Taylor Merkel •** Munster, Indiana. Bioengineering

**Faidra Georgia Monachou •** Athens, Greece. Management Science and Engineering

**Kevin Monogue •** Burke, Virginia. Computational and Mathematical Engineering

Naomi Morgane Pacalin • Menlo Park, California. Bioengineering

Krishna Kartik Patel • Rochester, New York. Computer Science Yucan Peng • Meishan, China. Materials Science and Engineering

**Emanuel Pinilla •** Houston, Texas. Computer Science

Ante Qu • Plainsboro, New Jersey. Computer Science

**Meera Radhakrishnan •** Boca Raton, Florida. Electrical Engineering **Samuel Travis Reamer •** Santa Monica, California. Computer Science

**Manuel Retana** • San Miguel de Allende, Mexico. Aeronautics and Astronautics

Paul Edward Rudnicki • Bangor, Maine. Chemical Engineering
Abhipray Sahoo • Doha. Oatar. Electrical Engineering

Christopher Salvarani • Computer Science

**Arun Seetharaman •** Frederick, Maryland. Electrical Engineering **Hengameh Shams •** Management Science and Engineering

**Thomas Froger Silva •** Bethesda, Maryland. Mechanical Engineering

**Nathaniel Joseph Simon •** Doylestown, Pennsylvania. Mechanical Engineering

Sauradeep Sinha • Ellicott City, Maryland. Bioengineering Yang Song • Lianyungang, China. Computer Science

**Maxwell Bradley Strange •** Sussex, Wisconsin. Electrical Engineering

**Ethan Strijbosch •** Antwerp, Belgium. Aeronautics and Astronautics **Liyang Patrick Sun •** Villebon-sur-Yvette, France. Management Science and Engineering

**Erina Ding-Yin Szeto** • Civil and Environmental Engineering **Fatma Tlili** • Tunis, Tunisia. Computer Science

Kevin Sledge Tracy • Palo Alto, California. Mechanical Engineering Lauren Vallez • Prior Lake, Minnesota. Mechanical Engineering

**Eline Annette Margarete Van den Haak •** Management Science and Engineering

**Vamsi Venkata Jaya Varanasi •** Apex, North Carolina. Electrical Engineering

**Diana Villegas Sanchez •** Oakland, California. Civil and Environmental Engineering

**Patrick Henry Washington •** Rockville, Maryland. Aeronautics and Astronautics

**Hannah Constance Wastyk** • Palmyra, Pennsylvania. Bioengineering

Jingyi Wei • Shanghai, China. Bioengineering

**Mitchell Joseph White •** Cleveland, Ohio. Management Science and Engineering

**Kelly Woo •** Rancho Palos Verdes, California. Electrical Engineering

**Chun Lan Wu** • Materials Science and Engineering

**David Sichen Wu • Materials Science and Engineering** 

**Anthony C. Yu** • San Francisco, California. Materials Science and Engineering

**Andrea Zanette •** Sacile, Italy. Computational and Mathematical Engineering

**Chenzhuo Zhu** • Electrical Engineering



#### **Master of Science**

#### DEGREES CONFERRED JANUARY 7, 2021

**Christiane Marie Otten Adcock •** Seattle, Washington. Computational and Mathematical Engineering

**Nathaniel Edosowan Agharese •** Chicago, Illinois. Mechanical Engineering

**Emir Mahmut Aksuyek** • Civil and Environmental Engineering **Perry Nagaraj Alagappan** • Houston, Texas. Electrical Engineering **Asrat Getnet Alemu** • Addis Ababa, Ethiopia. Management Science and Engineering

**Rohan Lee Aras •** Bellevue, Washington. Civil and Environmental Engineering

**Enrique Manuel Asmar Barbosa •** Barranquilla, Colombia. Civil and Environmental Engineering

Kevin Baichoo • Computer Science

**Joshua Lamar Barnett •** Douglasville, Georgia. Mechanical Engineering

Samantha Marie Beaulieu • Rockville, Maryland. Mechanical Engineering

Alexander William Bergman • Electrical Engineering
Nicole Lee Bienert • Penns Valley, Pennsylvania. Electrical
Engineering

**Jared Todd Blanchard •** Rexburg, Idaho. Aeronautics and Astronautics

**Nathaniel Moises Buescher** • Austin, Texas. Civil and Environmental Engineering

**Stephen Francis Burke •** Walpole, Massachusetts. Electrical Engineering

**Yue Cai •** Shanghai, China. Management Science and Engineering **Settasit Chaikasetsin •** Bangkok, Thailand. Management Science and Engineering

**Frank William Charbonier •** Valhalla, New York. Mechanical Engineering

**Anthony Guochenxiao Chen •** Mechanical Engineering **Mingkun Chen •** Beijing, China. Electrical Engineering

**Noelle Chen •** Honolulu, Hawaii. Civil and Environmental Engineering

Shi Chen • Electrical Engineering

**Tyler Coleman •** Pittsburgh, Pennsylvania. Management Science and Engineering

**Alexander Jordan Diaz de Arce •** St. Cloud, Florida. Chemical Engineering

Taide Ding • Oxford, Mississippi. Computer Science

**Kevin Anthony Ellis •** San Jose, California. Aeronautics and Astronautics

John Robert Emmons • Minneapolis, Minnesota. Computer Science Racheal Marbury Erhard • Aeronautics and Astronautics

**Mert Esencan •** Istanbul, Turkey. Management Science and Engineering

Ingrid Y. Fan • Troy, Michigan. Computer Science

**Benjamin Lawrence Flanagan •** Menlo Park, California. Civil and Environmental Engineering

Ryan Andrew Foulke • Mammoth Lakes, California. Computer Science

**Alison Gignoux Fritz** • Washington, District of Columbia. Civil and Environmental Engineering

Yuwei Fu • Wuhan, China. Civil and Environmental Engineering

Nicholas Daniel Gardner • California. Computer Science

**Zhenglin Geng** • Luoyang, China. Computer Science

**Phillip May Giliver •** Marblehead, Massachusetts. Mechanical Engineering

**Benjamin Joseph Goldstein •** Los Angeles, California. Aeronautics and Astronautics

**Krishna T. Gorrepati •** Columbia, South Carolina. Computer Science

**Surya Narayanan Hari •** Mumbai, India. Management Science and Engineering

Ryan Hass • Longmont, Colorado. Mechanical Engineering

Xinwei He • Computer Science

**Trevor Douglas Hedges •** Kirkland, Washington. Aeronautics and Astronautics

**Matthew Alan Hernandez •** Dallas, Texas. Management Science and Engineering

Nicholas Paul Hirning • Computer Science

**Shu-En Joanne Ho ·** Singapore, Singapore. Management Science and Engineering

Charles Huang • Bioengineering

Daniel D. Huang • Dallas, Texas. Computer Science

**Jiaying Huang •** Chengdu, China. Management Science and Engineering

**Rebecca L. Hwang •** Electrical Engineering **Nihat Cem Inan •** Electrical Engineering

Nefeli Ioannou • Athens, Greece. Mechanical Engineering

Xinxuan Jiang • Changzhou, China. Computer Science

**Nolan Daniel Johnson •** San Diego, California. Aeronautics and Astronautics

Erik Jones • San Diego, California. Computer Science

Margaret Marie Kane • Saratoga, California. Materials Science and Engineering

Ju Hee Kang • Management Science and Engineering

Dunia Karzai • Civil and Environmental Engineering

Muhammad Aadil Khan • Islamabad, Pakistan. Mechanical

**Andrew Jaewon Kim •** McAllen, Texas. Aeronautics and Astronautics

Carolyn Kim • Computer Science

Engineering

Dae Hyun Kim • Seoul, Korea. Computer Science

**Hugo Clifford Kitano** • San Francisco, California. Computer Science **Katherine I. Kowalski** • Prospect Heights, Illinois. Electrical Engineering

**Brooke Lee Krajancich •** Perth, Australia. Electrical Engineering **Anusha Krishnamurthy •** Civil and Environmental Engineering **Benjamin William Leathers •** Delray Beach, Florida. Mechanical Engineering

**Edward W. Lee •** Computer Science

Jihyeon Lee • Pleasanton, California. Computer Science

Matthew Kay Fei Lee • Computer Science

**Juan M. Leis-Pretto •** Port Richey, Florida. Computer Science **Akash Levy •** Pittsburgh, Pennsylvania. Electrical Engineering

Jason Kenichi Li • San Jose, California. Computer Science Zixuan Liang • Mechanical Engineering

**Zunhui Lin •** Beijing, China. Civil and Environmental Engineering

**Gavin Liu** • Aeronautics and Astronautics

Sean Jeng Liu • Arlington, Virginia. Computer Science

**Shuoxun Liu** • Daqing, China. Civil and Environmental Engineering **William Locke** • Computer Science

Shane Nicholas Lowe • Aeronautics and Astronautics

**Alexander Jacob Lubkin •** Rye Brook, New York. Management Science and Engineering

**Jennifer Lui** • Whitestone, New York. Management Science and Engineering

Justin Luke • Vancouver, Canada. Electrical Engineering

Yuzi Luo • Materials Science and Engineering

**Jessica Alix MacDonald •** Edmonton, Canada. Civil and Environmental Engineering

**Catherine Marie Meis •** Materials Science and Engineering **Halwest Mohammad •** Malmö, Sweden. Computational and Mathematical Engineering

**Amy Moran •** San Diego, California. Management Science and Engineering

Kaleb S. Morris • Gardnerville, Nevada. Computer Science

Keiko Nagami • Aeronautics and Astronautics

Austin Osceola Narcomey • Computer Science

Kathryn Neilson • Morton, Illinois. Electrical Engineering

**Pauline Thanh-Phuong Nguyen •** Temple City, California. Civil and Environmental Engineering

**John Ketchum O'Hagan •** Denver, Colorado. Civil and Environmental Engineering

Rachel Olney • Mesilla, New Mexico. Mechanical Engineering

Ryan Thomas Olson • Galva, Illinois. Aeronautics and Astronautics

**Gabriela Lorena Palavecino Sandoval •** Santiago, Chile. Civil and Environmental Engineering

**Jasmin Elena Palmer •** New City, New York. Mechanical Engineering

Marcus Vilhelm Palsson • Malmö, Sweden. Computer Science Christina Ashley Pan • San Jose, California. Computer Science

Emily Elizabeth Penn • Chemical Engineering

**Evgenya Pergament •** Electrical Engineering

Adeline Petersen • Seattle, Washington. Computer Science
Jonathan Pham • Van Nuys, California. Mechanical Engineering
Conor Buchanan Quigley • Potomac, Maryland. Mechanical
Engineering

**Bradley Jerome Rafferty •** Libertyville, Illinois. Aeronautics and Astronautics

**Grace Records Rainaldi** • Denver, Colorado. Computer Science **Arvind Krishna Ranganathan** • New York, New York. Computer Science

Aamir Abdur Rasheed • Fremont, California. Computer Science
Cooper Raterink • Friendswood, Texas. Computer Science
Javier Andres Richa Quiros • Civil and Environmental Engineering
Stylianos Rousoglou • Athens, Greece. Computer Science
Rohan Sampath • Vancouver, Canada. Computer Science
Anin Sayana • Cupertino, California. Computer Science
Gregory F. Search • Red Hook, New York. Electrical Engineering
Genevieve Claire Selden • Fort Lauderdale, Florida. Management
Science and Engineering

**Zachary Thomas Sermarini** • Boyertown, Pennsylvania. Aeronautics and Astronautics

Zachary Aaron Sexton • Brentwood, Tennessee. Bioengineering Shreya Shankar • College Station, Texas. Computer Science Evan Sheehan • Tehachapi, California. Computer Science Alison Young Sim • Civil and Environmental Engineering Andrew Charles Smith • Hampton, Canada. Aeronautics and Astronautics

**Sriram Somasundaram •** San Francisco, California. Computer Science

Kavya Sreedhar • Oakland, California. Electrical Engineering
Megha Bhushan Srivastava • Sherman Oaks, California. Computer
Science

**Jason Christopher Sullivan •** Newton, Massachusetts. Computer Science

Zhanghao Sun • Electrical Engineering

Samuel Han-Joo Sung • Civil and Environmental Engineering Moses Andrew Swai • Dar es Salaam, Tanzania. Mechanical Engineering

Mason Riley Swofford • Fishers, Indiana. Computer Science Sita Marie Syal • East Lansing, Michigan. Engineering, Field: Design Impact

**Holden Takahashi** • Haleiwa, Hawaii. Civil and Environmental Engineering

**Davyd Tamrazov •** Kyiv, Ukraine. Civil and Environmental Engineering

Daniel Danhang Tang • West Linn, Oregon. Computer Science
Chloe Mancy Thai • Buffalo, New York. Mechanical Engineering
Cole Orr Thomson • Menlo Park, California. Mechanical Engineering
Kevin Jimaine Tian • Austin, Texas. Computer Science

Yanpei Tian • Electrical Engineering

**Sander Niels Tonkens •** Eindhoven, Netherlands. Mechanical Engineering

Alexandro E. Trevino • Madison, Wisconsin. Bioengineering

Rahul Trivedi • Delhi, India. Electrical Engineering

Jonathan E. Tynan • Hillsborough, California. Computer Science

Rui Ueyama • Computer Science

**Gabriel Michael Vega •** Kailua, Hawaii. Electrical Engineering **Ramandeep Singh Vilkhu •** Lewis Center, Ohio. Electrical Engineering

**Carlos Alberto Villegas Rangel •** Medellin, Colombia. Civil and Environmental Engineering

**Melinda Y. Wang •** Palo Alto, California. Computer Science

**Yinan Wang •** Shenyang, China. Management Science and Engineering

**Jordan August Wheeler •** Dallas, Texas. Civil and Environmental Engineering

**Claire Greene Wilson •** Portland, Oregon. Management Science and Engineering

Nicholas Ryan Wilson • Milton, Georgia. Mechanical Engineering

Haoze Wu • Computer Science

Xiang Wu • Materials Science and Engineering

Yiyun Wu • Shanghai, China. Civil and Environmental Engineering

Edmond Han Xue • Chemical Engineering

**Zheng Yan** • Brookfield, Wisconsin. Computer Science

Jennie Yang • Rolling Meadows, Illinois. Computer Science

Kaiyuan Yang • Shanghai, China. Computer Science

Yufei Yang • Materials Science and Engineering

Warren Yee • Civil and Environmental Engineering

**Junzi Zhang •** Chongqing, China. Computational and Mathematical Engineering

Yue Zhang • Luoyang, China. Mechanical Engineering

Yuzhu Zhang • Electrical Engineering

Yuzhu Zhang • Management Science and Engineering

Yulou Zhou • Yueyang, China. Computer Science

Yue Zhu • Shanghai, China. Computer Science

Jia Zhuang • Electrical Engineering



#### **Master of Science**

#### **DEGREES CONFERRED APRIL 1, 2021**

**Brian Alexander •** Tualatin, Oregon. Civil and Environmental Engineering

Emmanuel Oluwagbemiga Anifowose • Mechanical Engineering
Aaron Bennett Appelle • Rochester, New York. Civil and

Dipika Badri • Electrical Engineering

**Environmental Engineering** 

**James Kihoon Bai •** Seoul, Korea. Chemical Engineering **Stephen Robert Bannick •** Santa Cruz, California. Mechanical Engineering

**Zhiren Bao •** Chang Zhou, China. Civil and Environmental Engineering

**Kristina Catherine Castaneda Beck •** Englewood, Colorado. Computer Science

**Leore Nehemie Bensabath •** Paris, France. Computational and Mathematical Engineering

**Guillermo Bescos Alapont •** Computational and Mathematical Engineering

**James Andrew Best-Devereux •** Salt Lake City, Utah. Electrical Engineering

Changyu Bi • Computer Science

**Milan Bidare •** Novi, Michigan. Aeronautics and Astronautics **Scott William Blankenberg •** Portola Valley, California. Electrical Engineering

**Gabriele Boncoraglio** • Ragusa, Italy. Aeronautics and Astronautics **Nathan Brinkerhoff** • Civil and Environmental Engineering **Daniel Christian Brouwer** • Irvine, California. Mechanical

**Chandler Austin Brown •** Hesperia, California. Civil and Environmental Engineering

**Thibaud Charles Daniel Bruyelle •** Computational and Mathematical Engineering

**Phani Prathyusha Burugupalli •** Kaldhari, India. Computational and Mathematical Engineering

Peilin Cai • Xiamen, China. Mechanical Engineering

Tongxin Cai • Civil and Environmental Engineering

**Paul Christian Guy Caron •** Paris, France. Computational and Mathematical Engineering

**Jacob Joseph Castaneda •** Murrieta, California. Civil and Environmental Engineering

**Daniel Hanall Cha •** Dallas, Texas. Mechanical Engineering **Lilia V. Chang •** Weston, Massachusetts. Computational and Mathematical Engineering

Hemant Chaudhary • Fremont, California. Mechanical Engineering

**Augustine George Chemparathy •** San Ramon, California.

Management Science and Engineering

**Christine Chen** • Redwood City, California. Electrical Engineering **Justin P. Chen** • Fremont, California. Materials Science and Engineering

Victor Long Chen • Computer Science

**Yiqi Chen •** Fuzhou, China. Computer Science

**Jennifer Wenyue Cheng •** California. Mechanical Engineering **Xinyuan Cheng •** Taiyuan, China. Civil and Environmental Engineering

**Cheng Min Chiang •** Taipei, Taiwan. Computer Science

Boeun Choi • Civil and Environmental Engineering

**Timothy Chong •** Electrical Engineering

Christian Yan Chew • Mechanical Engineering

Joseph Chuang • Computer Science

Richard Kyle Clark • Las Vegas, Nevada. Computer Science

Nicholas Andrew Comly • Electrical Engineering

Pierre Richard Samir Cote de Soux • Antony, France.

Computational and Mathematical Engineering

Andrea Consuelo Coto • Santa Tecla, El Salvador. Civil and Environmental Engineering

Armelle Coutant • Civil and Environmental Engineering

Kyle Cruff • Carlsbad, California. Aeronautics and Astronautics

**Alice Kate Cummings Joyner •** Tallahassee, Florida. Management Science and Engineering

Emily Iris Dahl • Eagle River, Alaska. Electrical Engineering

Temidayo Folorunso Dairo • Dublin, Ohio. Mechanical Engineering

 $\textbf{Sean Michael Dalton} \bullet \textbf{Mechanical Engineering}$ 

Ankur Das • Mechanical Engineering

**Barbora Davidova** • Prague, Czech Republic. Management Science and Engineering

Angel Antonio De Leon • Redmond, Washington. Computer Science Nikita-Girey Nechvet Demir • Bethesda, Maryland. Computer Science

Siddhesh Dhanawade • Mechanical Engineering

Victoria S. Ding • Saratoga, California. Computer Science

**Joelle Celine Dowling •** Washington Township, New Jersey. Electrical Engineering

**David Benjamin Durst •** Philadelphia, Pennsylvania. Computer Science

**Alexandra Ilinskaya Evans •** San Bruno, California. Aeronautics and Astronautics

**Martin Sebastian Fernandez •** Alpharetta, Georgia. Electrical Engineering

**Lorenzo Andres Ferrari Peirano ·** Valencia, Venezuela. Civil and Environmental Engineering

**Jackson West Foster** • Frederick, Maryland. Electrical Engineering **Martin Wilson Freeman** • Aeronautics and Astronautics

**Thatcher Solomon Freeman •** Portola Valley, California. Computer Science

**Natalie Kim Gable •** San Francisco, California. Electrical Engineering

Christian Alexander Gabor • Corvallis, Oregon. Computer Science Yash Gaur • Bikaner, India. Civil and Environmental Engineering Conner McKenzie Geery • Civil and Environmental Engineering Bridget Carolyn Gile • Morris, Illinois. Civil and Environmental Engineering

**Tony Alejandro Ginart •** Electrical Engineering **Simge Girgin •** Istanbul, Turkey. Civil and Environmental Engineering

Natasha Goenawan • Kalamazoo, Michigan. Computer Science David Xavier Gonzalez • Chino, California. Mechanical Engineering Nicholas Michael Goodson • Wellington, New Zealand. Aeronautics and Astronautics

Jing Gu • Aeronautics and Astronautics

**Qinyue Gu** • Suzhou, China. Computational and Mathematical Engineering

Yipeng Guo · Beijing, China. Mechanical Engineering

Stefan Hadjis • Computer Science

**Brooke Mackenzie Hale •** Forsyth, Missouri. Civil and Environmental Engineering

**Cynthia V. Hao •** Saratoga, California. Computer Science **Ximena Hasbach •** Mexico City, Mexico. Materials Science and Engineering

**Tristan Douglas Hasseler •** Marysville, Washington. Aeronautics and Astronautics

Kaijun He • Hangzhou, China. Mechanical Engineering

**Matthew Thomas Higgins •** Boston, Massachusetts. Management Science and Engineering

Nikhil Bharat Hira • Electrical Engineering

John William Hochschild • Aeronautics and Astronautics

**Caitlin Elizabeth Hogan •** Calabasas, California. Materials Science and Engineering

**ZhenHuan Hong •** Guangzhou, China. Civil and Environmental Engineering

Alvin Brian Hou • Computer Science

**Margaret Katherine Houlihan •** Chevy Chase, Maryland. Civil and Environmental Engineering

Fang I Hsiao • Electrical Engineering

**Chuanjing Hu** • Nanchang, China. Civil and Environmental Engineering

**Tiffany Wanshing Huang •** Fort Dodge, Iowa. Electrical Engineering

Yi Huang • Management Science and Engineering

Erissa Leyla Irani • Franklin, Tennessee. Electrical Engineering Eleonore Ma C C Jacquemet Ramirez Vega • Mechanical Engineering

**Juan Gildardo Jazo** • San Luis Obispo, California. Civil and Environmental Engineering

Kaden Bruce Jeppesen • Mechanical Engineering

Jing Jia • Mechanical Engineering

Yanhao Jiang • Laixi, China. Electrical Engineering

Xiaomeng Jin • Stanford, California. Computer Science

**Hunter Johnson •** Malibu, California. Civil and Environmental Engineering

Daniel Jun • Management Science and Engineering

**Melvin Agung Juwono •** Jakarta, Indonesia. Management Science and Engineering

Sun Woo Kang • Korea. Computer Science

**Smita Kanjanapas •** Bangkok, Thailand. Mechanical Engineering **Klint Kanopka •** Computer Science

Yash Kansal • New Delhi, India. Civil and Environmental Engineering

**Ewurama Nyarkoah Karikari •** Spanaway, Washington. Mechanical Engineering

**Sophia Grace Kazmierowicz •** San Diego, California. Computer Science

**Mallika Priya Khullar •** Gurgaon, India. Management Science and Engineering

**Andy Dong Hyun Kim** • Novi, Michigan. Electrical Engineering **Jonathan Hongsoon Kim** • Goyang-si, Korea. Computer Science

Min Jeong Kim • Electrical Engineering

**Aubrey Kingston • Aeronautics and Astronautics** 

Jung-Soo Ko • Electrical Engineering

**Sreela Kodali** • Electrical Engineering

**Oluwafikunwa Oluwapamilerinay Kolawole •** Lagos, Nigeria. Mechanical Engineering

Wenjie Kong • Civil and Environmental Engineering

**Frank Kilty Kozel •** Tallahassee, Florida. Aeronautics and Astronautics

Marissa Krotter • Management Science and Engineering
Samuel Lewis Kruger • Penn Valley, Pennsylvania. Mechanical
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#### Master of Science

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**Adyasha Debahuti Mohanty •** Bhubaneswar, India. Aeronautics and Astronautics

**David Kroft Mondry •** Aspen, Colorado. Mechanical Engineering **Courtney Noel Moran •** West Bend, Wisconsin. Electrical Engineering

**Emma Asher Morgan •** Pebble Beach, California. Mechanical Engineering

**Talbot Morris-Downing •** Iowa City, Iowa. Electrical Engineering **Tom Claude Rene Morvan •** Saint Malo, France. Computational and
Mathematical Engineering

Robert John Moss • Rockport, Massachusetts. Computer Science Seyed Shahabeddin Mousavi • Tabriz, Iran . Computer Science Damian Mrowca • Weyarn, Germany. Computer Science Savannah Murphy • London, United Kingdom. Management Science and Engineering

**Onur Cezmi Mutlu** • Luleburgaz, Turkey. Electrical Engineering **Prathik Naidu** • Computer Science

**Roshan Prakash Nair •** San Antonio, Texas. Aeronautics and Astronautics

Varin Satish Nair • Hyderabad, India. Computer Science
Crystal Alicia Nattoo • Sunrise, Florida. Electrical Engineering
Juan Miguel Navarro Carranza • Tepatitlan de Morelos, Mexico.
Civil and Environmental Engineering

**Kelly Mawaba Ndombe •** Computer Science **Roy Nehoran •** Tracy, California. Computer Science

**Guillaume Adrien Nervo** • Nice, France. Computational and Mathematical Engineering

**Loren J. Newton •** Corona, California. Aeronautics and Astronautics **Cindy My Anh Nguyen •** San Jose, California. Electrical Engineering **Vincent Jan C. Nicandro •** Rancho Santa Margarita, California. Computer Science

Matilda Nickell • Aspen, Colorado. Computer Science

Mengman Nie • China. Electrical Engineering

Valerie Niemann • Chemical Engineering

**James Salvador Niffenegger •** Sarasota, Florida. Mechanical Engineering

**Kanto Nishiguchi •** Sakai-Shi, Japan. Civil and Environmental Engineering

**Abdoul Salam Nizeyimana •** Kigali, Rwanda. Mechanical Engineering

Maliha Noshin • Electrical Engineering

Jerome Benoit Nowak • Villedùmer, France. Mechanical Engineering

Marco Antonio Nunez • Aeronautics and Astronautics

Tyler O'Meara • Computer Science

**Rajeev Oak •** Orinda, California. Civil and Environmental Engineering

**Joshua Och •** Scarsdale, New York. Computational and Mathematical Engineering

**Kyrstyn Sy Ong •** Materials Science and Engineering **Mohammed Abdal Monium Osman •** Medford, Massachusetts. Computer Science

Akwasi Sarpong Owusu-Akyaw • Electrical Engineering

Batu Mehmet Ozturkler • Electrical Engineering

Blake Pagon • Haymarket, Virginia. Computer Science

Claire Marika Pajot • London, United Kingdom. Computer Science Chinmay Suhrud Patel • Ahmedabad, India. Computer Science Cole Chandler Paullin • Manhattan Beach, California. Mechanical

**Cole Chandler Paullin •** Manhattan Beach, California. Mechanical Engineering

**Charlotte Gates Peale •** Berkeley, California. Computer Science **Lauren Pendo •** Computational and Mathematical Engineering

**Valerie Bernice Pietrasz** • Aeronautics and Astronautics

**Tommy Ming Chuan Poa •** Management Science and Engineering **Nathan Poczekay •** Chesterton, Indiana. Mechanical Engineering

**Anirudh Prabhu •** Computer Science

Kartik Prabhu • Electrical Engineering
Komal Sujit Prasad • Navi Mumbai, India. Materials Science and

Engineering

Jiarui Pu • Toronto, Canada. Civil and Environmental Engineering

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Tarun A. Punnoose • Herndon, Virginia. Electrical Engineering

**Kun Qian •** Computer Science

Chen Qu · Computer Science

Matthew Radzihovsky • Boulder, Colorado. Computer Science

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**Ryanne Ramadan •** Northborough, Massachusetts. Management Science and Engineering

**Kalyani Ramadurgam •** San Diego, California. Computer Science **Tumisang Ramarea •** Kanye, Botswana. Management Science and Engineering

**Kaitlyn Rose Ramirez •** The Woodlands, Texas. Civil and Environmental Engineering

**Abhinav Rangarajan** • Bethlehem, Pennsylvania. Computational and Mathematical Engineering

Chetanya Rastogi • Meerut, India. Computer Science

Eric S. Rawn • Computer Science

Jacob Ellis Reiter • Los Angeles, California. Computer Science

Dennis Rich • Bloomington, Illinois. Electrical Engineering

Logan Irelan Rogers • Electrical Engineering

Preston Avery Rogers • Electrical Engineering

**Sepehr Rostamzadeh** • Phoenix, Arizona. Mechanical Engineering **Abuzar Royesh** • Kabul, Afghanistan. Management Science and Engineering

Gili Rusak • Loudonville, New York. Computer Science

Kathryn Rydberg • Denver, Colorado. Computer Science

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Adriel Saporta • Brooklyn, New York. Computer Science

**Juan Carlos Sarmiento Duran •** Bogotá, Colombia. Management Science and Engineering

**Arjun Sawhney •** Computer Science

Isaac Louis Scheinfeld • New York, New York. Electrical Engineering Emily Schooley • Geneva, Illinois. Engineering, Field: Design Impact Jackson Philip Seagrist • Civil and Environmental Engineering Ying Hang Seah • Singapore, Singapore. Management Science and Engineering

**Andrew Ian Semelhago •** Canada. Bioengineering **Hannah Ruckelshaus Shabb •** Seattle, Washington. Civil and Environmental Engineering

**Semir Shafi** • Anaheim, California. Computer Science **Mohammadhossein Shafinia** • Management Science and Engineering

**Veer Siraj Shah** • Closter, New Jersey. Computational and Mathematical Engineering

Anand Shankar • Computer Science

**Vikram Ravi Shanker •** Midland, Michigan. Computer Science **Zakaria M. Sharif •** Columbus, Ohio. Management Science and Engineering

Yawen Shen • Shanghai, China. Computer Science

Jaymee Sheng • Management Science and Engineering

**Gleb Shevchuk** • San Diego, California. Computer Science

Jingwei Shi • Chemical Engineering

**Maoguo Shi** • Anshan, China. Computational and Mathematical Engineering

**Yuan Shi •** Hangzhou, China. Management Science and Engineering **Shin Song Ling •** Johor Bahru, Malaysia. Mechanical Engineering

**Muling Si** • Hefei, China. Management Science and Engineering **Eric Singh** • Valencia, California. Computer Science

Shreya Singh • India. Computer Science

Abhishek Sinha • Ranchi, India. Computer Science

Akshay Smit • Computer Science

Eric So · Mechanical Engineering

**Sophia M. Sole •** Houston, Texas. Management Science and Engineering

**Ju Hyun Song •** Seoul, Korea. Mechanical Engineering **Emiko Lynn Soroka •** Topanga, California. Aeronautics and Astronautics

**Stephen Moore Webb Spears •** Houston, Texas. Electrical Engineering

**Emma Faye Spellman •** Elburn, Illinois. Computer Science **Michael A. Spencer •** Las Vegas, Nevada. Management Science and Engineering

Arvind Srivastav • Sultanpur, India. Electrical Engineering

Varun Srivastava • Electrical Engineering

Aunica Lee Steele • Electrical Engineering

Nicholas Allan Steele • Los Angeles, California. Computer Science

William Albert Theo Steenbergen • Lunteren, Netherlands.

Computational and Mathematical Engineering

Elias Stein • Electrical Engineering

**Julius Thomas Stener •** Dallas, Texas. Computer Science **Christopher Allan Strong •** Saratoga, California. Electrical Engineering

**Tiger Sun •** Blacksburg, Virginia. Computer Science

Yinghao Sun • Guangzhou, China. Computer Science

**Yinlong Sun •** Chengdu, China. Mechanical Engineering

**Zhouheng Sun • Shanghai, China. Computer Science** 

Dalia Michelle Szafer • Mechanical Engineering

Sarah Marie Taheri • Louisville, Kentucky. Mechanical Engineering

Cheryl Tain • Milpitas, California. Electrical Engineering

**Avery Elizabeth Tallman •** Boulder, Colorado. Mechanical Engineering

Nicholas Tan • Electrical Engineering

**Shunquan Tan •** Foshan, China. Chemical Engineering

**Clare Patrice Tandy •** Portola Valley, California. Management Science and Engineering

**Elina Thadhani •** Boston, Massachusetts. Computer Science

Chester Thai • Computer Science

Raymond C. Thai • Omaha, Nebraska. Computer Science

Patrick Michael Thornton • Materials Science and Engineering

**Yiqun Tian •** Baoding, China. Civil and Environmental Engineering **Schuyler Anne Tilney-Volk •** Portola Valley, California. Electrical Engineering

School of Engineering

**Ricky Joshua Toh Wen Xian •** Bandung, Indonesia. Management Science and Engineering

**Ryan Arthur Tolsma •** Newport Beach, California. Computer Science

Roshan Toopal • Gilbert, Arizona. Mechanical Engineering

Raphael John Lamarre Townshend • Montreal, Canada. Computer Science

Kevin Tran • San Gabriel, California. Computer Science

Nathan Traxler • St. Charles, Illinois. Computer Science

**Amelia S. Traylor •** Peachtree City, Georgia. Mechanical Engineering

Victoria C. Tsai • Rockville, Maryland. Computer Science

**Aparna Neelakanta Tumkur •** Mumbai, India. Electrical Engineering

**Pranav Upadhyayula •** Plainfield, Illinois. Computer Science

**Sushil Baalaji Upadhyayula** • Plainfield, Illinois. Computer Science **Kent Elliott Vainio** • London, United Kingdom. Computer Science

Sreeram Venkatarao • Mason, Ohio. Computer Science

Julien Didier Jean Veron Vialard • Computational and

Mathematical Engineering **Anastasiya Vitko •** Computer Science

**Erin Elizabeth Voss •** Northampton, Massachusetts. Computer Science

Sumaiya Wahid • Dhaka, Bangladesh. Electrical Engineering

Paul Bates Walter • Frisco, Texas. Electrical Engineering

Andrew Zhou Wang • Computer Science

Guanzhi Wang • Daqing, China. Computer Science

Jiahui Wang • Electrical Engineering

Junming Wang • Computer Science

Junyue Wang • Tianjin, China. Civil and Environmental Engineering

Justin Jiayi Wang • Irvine, California. Computer Science

**Katherine Dana Wang •** Portola Valley, California. Management Science and Engineering

Kenneth Calvin Wang • Houston, Texas. Computer Science

Pingyu Wang • Materials Science and Engineering

**Sherrie Wang •** Sharon, Massachusetts. Computational and Mathematical Engineering

**Sijin Wang •** Nanjing, China. Civil and Environmental Engineering **Woodrow Zhouyuan Wang •** College Station, Texas. Computer Science

Xuran Wang • Materials Science and Engineering

Yanbang Wang • Computer Science

Zeyu Wang • Nanjing, China. Computer Science

Samuel David Webb • Civil and Environmental Engineering

Trey Weber • Mechanical Engineering

**Thomas A. Wehner •** Highland Park, Illinois. Management Science and Engineering

 $\textbf{Stephen Dirk M Weyns} \bullet \textbf{Gent}, \textbf{Belgium}. \textbf{Computer Science}$ 

**Michael Patrick Whitmore II •** Denville, New Jersey. Mechanical Engineering

Lauren Wibe • Civil and Environmental Engineering

**Emily Celeste Widder •** St. Louis, Missouri. Aeronautics and Astronautics

Joshua Curtis Wolff • Sarasota, Florida. Computer Science

Christopher Wu • Chapel Hill, North Carolina. Electrical Engineering

Chun Liang Wu • Civil and Environmental Engineering

Mo Wu • Nanjing, China. Electrical Engineering

**Tatiana Xiaobing Wu** • Crofton, Maryland. Computer Science **Jiadai Xia** • Wuhan, China. Computational and Mathematical Engineering

**Jiankai Xiao** • China. Materials Science and Engineering

Wanze Xie • Chongqing, China. Computer Science

Zhimin Xie • Chemical Engineering

**Derrick Xin •** Stanford, California. Computational and Mathematical Engineering

Yunfeng Xin • Electrical Engineering

Edward Dong Xu • Torrance, California. Computer Science Haoran Xu • Shenyang, China. Management Science and

Engineering

**Naoki Yamamura** • Yokohama, Japan. Computer Science **Pumiao Yan** • Beijing, China. Electrical Engineering

**Emily Yang •** Plainsboro, New Jersey. Mechanical Engineering

**Wenjing Yang •** Chengdu, China. Civil and Environmental Engineering

**Yukun Yang •** Beijing, China. Civil and Environmental Engineering **Xinle Yao •** Shanghai, China. Civil and Environmental Engineering

Brent H. Yi • Computer Science

**Andrew L. Ying •** Greenwood Village, Colorado. Management Science and Engineering

**Yejin Emily You •** Management Science and Engineering **Noah Ben Youkilis •** St. Louis, Missouri. Aeronautics and Astronautics

**George Charles Younger •** Englewood, Colorado. Computer Science **Xinyi Yu •** Computer Science

**Xiaoye Yuan •** Wuhan, China. Computational and Mathematical Engineering

Joey D. Yurgelon • Electrical Engineering

Kevin Armand Zakka • Beirut, Lebanon. Computer Science

Gal Zeidman • Haifa, Israel. Mechanical Engineering

Sicheng A. Zeng • Cary, North Carolina. Computer Science

Yitian Zeng • Ganzhou, China. Materials Science and Engineering

Xianghao Zhan • Zhengzhou, China. Bioengineering

Caroline Chai Zhang • San Diego, California. Computer Science

Jiequan Zhang • Shenzhen, China. Mechanical Engineering

Junwu Zhang • Shanghai, China. Mechanical Engineering

**Liqian Zhang •** Xi'an, China. Civil and Environmental Engineering

Marilyn M. Zhang • San Jose, California. Computer Science

Yiheng Zhang • Jiangyin, China. Computer Science

**Geng Zhao •** Beijing, China. Computer Science

Jason Jin Zhao • Austin, Texas. Computer Science

Wenxi Zhao • Beijing, China. Civil and Environmental Engineering

Hanzhi Zheng • Shenzhen, China. Computer Science

Kally Zheng • Santa Barbara, California. Computer Science

Jenny Yingzhen Zhi • Troy, Michigan. Computer Science

Yan Zhong • Chengdu, China. Civil and Environmental Engineering

**Yiting Zhong •** China. Materials Science and Engineering

Jialin Zhu • Materials Science and Engineering

Lauren Zhu • San Diego, California. Computer Science

William Zhuk • Foster City, California. Computer Science

Maya L. Ziv • San Diego, California. Computer Science

Mikel Zuniga Gurruchaga • Mechanical Engineering



#### **DEGREES CONFERRED JANUARY 7, 2021**

**Nicholas Alan Reisweber •** Cortland, New York. Civil and Environmental Engineering, Thesis Title: *Designing Integrated Infrastructure for Sustainability* 

**Peter Anastasi Zachares •** Eresos, Greece. Mechanical Engineering, Thesis Title: *Interpreting Contact Interactions to Overcome Failure in Robot Assembly Tasks* 

# Doctor of Philosophy

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Amin Aalipour •** San Diego, California. Bioengineering, Dissertation Title: *Combating Tumor Heterogeneity with Early Cancer Detection and Immunotherapy* 

**AmirMahdi Ahmadinejad •** Tehran, Iran . Management Science and Engineering, Dissertation Title: *Computing Stationary Distributions: Perron Vectors, Random walks, and Ride-sharing Competition* 

**Wesson Abdulaziz Altoyan** • Electrical Engineering, Dissertation Title: *Hardware Acceleration for Fluid Flow Simulation* 

**Iro Armeni •** Corfu, Greece. Civil and Environmental Engineering, Dissertation Title: *Automatically†generating structured information on the†as-is status of facilities from visual data* 

**Imanol Arrieta Ibarra** • Ciudad de Mexico, Mexico. Management Science and Engineering, Dissertation Title: *Essays on artificial intelligence in personalized markets* 

**Joseph James Gilles Ballouz** • Beirut, Lebanon. Civil and Environmental Engineering, Dissertation Title: *On the Efficiency of the Turbulent Cascade* 

Ross Bennett-Kennett • Phoenix, Arizona. Materials Science and Engineering, Dissertation Title: Mechanics Of Thin Film Systems And The Impact Of External Factors On Underlying Function

Alison Dana Bick • Short Hills, New Jersey. Mechanical Engineering, Dissertation Title: Investigation of Droplet Break-up and Flow in a Concentrated Emulsion

**Katie Bodner •** Hollywood, Florida. Bioengineering, Dissertation Title: *An Engineering Approach to Uncover Interactions Between Bacteriophages, Bacteria and Mammalian Cells* 

**Caleb Clifford Boyd** • Acampo, California. Materials Science and Engineering, Dissertation Title: *Improving efficiency and stability of perovskite tandem photovoltaics* 

**Anja Malawi Drevitch Brandon** • Seattle, Washington. Civil and Environmental Engineering, Dissertation Title: *Understanding natural plastic biodegradation: A case study of Tenebrio molitor* 

**Matthew Brown** • Atwater, California. Mechanical Engineering, Dissertation Title: *Integrated Stabilization and Collision Avoidance for Automated Vehicles in Emergency Scenarios* 

**John Gabriel Buckmaster •** Electrical Engineering, Dissertation Title: Large-scale Electronically Steerable Millimeter-wave Antennas for Wireless Power Delivery

**Brandon Taylor Buscaino •** Yorba Linda, California. Electrical Engineering, Dissertation Title: *Scalable Data Center Communications: Co-Packaged Optics and Electro-Optic Frequency Combs* 

Yair Menachem Carmon • Tel Aviv, Israel. Electrical Engineering, Dissertation Title: The Complexity of Optimization Beyond Convexity

**Eric Chang •** Tempe, Arizona. Mechanical Engineering, Dissertation Title: *Avian-inspired Rudderless Flight with Morphing Wings and Tails* 

**Jonathan Jiet-San Chiew** • East Brunswick, New Jersey. Aeronautics and Astronautics, Dissertation Title: *Rapid Computational Aerodynamic Analysis for Multi-Rotor Aircraft* 

**Sandeep Prasad Chinchali •** Cupertino, California. Computer Science, Dissertation Title: *Collaborative Perception and Learning Between Robots and the Cloud* 

**Eric Cristofalo** • Doylestown, Pennsylvania. Aeronautics and Astronautics, Dissertation Title: *Perception for Control and Control for Perception of Vision-based Autonomous Aerial Robots* 

**Zachary Riggins Del Rosario** • Johnstown, Pennsylvania. Aeronautics and Astronautics, Dissertation Title: *Precision Margin: First-principles Margins for Aircraft Design Under Uncertainty* 

**Yong Deng •** Gao'an, China. Materials Science and Engineering, Dissertation Title: *Magnetoresistive And Magnetostrictive Sensors For The Mobile Era* 

**Sarah Elaine Divel** • Rockville, Maryland. Electrical Engineering, Dissertation Title: *The validation and optimization of CT perfusion for stroke assessment* 

**Anjan Dwaraknath •** Bangalore, India. Computational and Mathematical Engineering, Dissertation Title: *Quiver Theory, Zigzag Homology and Deep Learning* 

**Michael Gah-ming Fanton** • Los Altos, California. Mechanical Engineering, Dissertation Title: *Effect of Cervical Spine and Helmet Properties on Traumatic Brain Injury* 

**Vivian Rachel Feig •** San Diego, California. Materials Science and Engineering, Dissertation Title: *Conductive Hydrogels for Next-Generation Bio-Electronic Interfaces* 

**Michael Henry Fischer •** Santa Cruz, California. Computer Science, Dissertation Title: *End-User Programming of Virtual Assistant Skills and Graphical User Interfaces* 

**Michael Peter Flynn ·** Larchmont, New York. Mechanical Engineering, Dissertation Title: Assessing Expertise in Mechanical Engineering Design

**Kirin E. Furst •** Rochester, Minnesota. Civil and Environmental Engineering, Dissertation Title: *Policy And Engineering Strategies To Manage Public Health Risk From Disinfection Byproduct Mixtures In Wastewater-Impacted Drinking Waters* 

**Emmett Daniel Goodman •** Briarcliff Manor, New York. Chemical Engineering, Dissertation Title: *Colloidal Design Of Active, Selective, And Stable Catalysts For Methane Utilization* 

**Sebastian Johannes Grimberg •** Potsdam, New York. Aeronautics and Astronautics, Dissertation Title: *Projection-Based Model Order Reduction and Hyperreduction of Turbulent Flow Models* 

**Aditya Grover •** Computer Science, Dissertation Title: *Learning to Represent and Reason Under Limited Supervision* 

**Jayesh Kumar Gupta** • Jodhpur, India. Computer Science, Dissertation Title: *Modularity and Coordination for Planning and Reinforcement Learning* 

**Kyung Won Han •** Mechanical Engineering, Dissertation Title: *Electrosoft: Soft Electrostatic Technologies for Cutaneous Interaction* 

**Fariah Hayee •** Dhaka, Bangladesh. Electrical Engineering, Dissertation Title: *Imaging with electrons: Unraveling nanoscale structure-function relations in energy storage & quantum optical materials* 

**Michael Frederick Howland •** Philadelphia, Pennsylvania. Mechanical Engineering, Dissertation Title: *Wind farm dynamics and power optimization in realistic atmospheric boundary layer conditions* 

**Yuxin Hu** • China. Electrical Engineering, Dissertation Title: Advanced reconstruction techniques for high-resolution diffusionweighted MRI

**Anne McLeod Hulsey •** Konya, Turkey. Civil and Environmental Engineering, Dissertation Title: *The Community Impact of Post-Earthquake Safety Decisions Based on Damage to Tall Buildings and Elevated Hazard Due to Aftershocks* 

Marc P. Jankowski • Midland, Michigan. Electrical Engineering, Dissertation Title: Pulse Formation and Frequency Conversion in Dispersion-Engineered Nonlinear Waveguides and Resonators

**Robin Jia** • Oak Park, Illinois. Computer Science, Dissertation Title: Building Robust Natural Language Processing Systems

**Zhihao Jia ·** Computer Science, Dissertation Title: *Automated Discovery of Machine Learning Optimizations* 

**David Urnes Johnson •** Fagernes, Norway. Mechanical Engineering, Dissertation Title: *Investigations of Solid Oxide-Based Carbon Fuel Cells: Modeling and Experiments* 

**Kyle David Julian •** Vestavia Hills, Alabama. Aeronautics and Astronautics, Dissertation Title: *Safe and Efficient Aircraft Guidance and Control using Neural Networks* 

**Isaac V. Kauvar** • Denver, Colorado. Electrical Engineering, Dissertation Title: *Panoptic imaging of distributed neuronal dynamics* 

**Scott Tom Keene** • Saskatoon, Canada. Materials Science and Engineering, Dissertation Title: *Utilizing the electrochemical properties of organic mixed conductors for bioelectronic devices* 

**Lawrence H. Kim** • Corvallis, Oregon. Mechanical Engineering, Dissertation Title: *Designing In Situ Interaction with Ubiquitous Robots* 

**Michael Pum-Shin Kim** • Stanford, California. Computer Science, Dissertation Title: A Complexity-Theoretic Perspective on Fairness

**Larissa Yvonne Kunz** • Chemical Engineering, Dissertation Title: *Light Harvesting for Decarbonization through Artificial and Natural Photosynthesis* 

**Seul Lee** • Electrical Engineering, Dissertation Title: Functional MRI Characterization of Lesion-Induced Plasticity and Improved Acquisition Techniques

**Matan Leibovich •** Kerem Maharal, Israel. Computational and Mathematical Engineering, Dissertation Title: *Novel Algorithms for Motion Detection and Imaging in Complex Scenes* 

**Tanya Tanni Liu** • Mechanical Engineering, Dissertation Title: *Heat Routing With Liquid-Vapor Phase Change Phenomena In Microscale Porous Media* 

**Amy Celeste Madl** • Austin, Texas. Chemical Engineering, Dissertation Title: *Engineering Approaches to Model and Restore Ocular Health* 

**Rinchu Mathew •** Kottayam, India. Chemical Engineering, Dissertation Title: *Developing Functionalized Virus like Particles for Circulating Tumor Cell Detection and Enumeration* 

**Pedro Montebello Milani •** São Paulo, Brazil. Mechanical Engineering, Dissertation Title: *Machine Learning Approaches to Model Turbulent Mixing in Film Cooling Flows* 

**Andrew Thomas Naber •** Waterloo, Illinois. Electrical Engineering, Dissertation Title: *Memory-efficient optimization over positive semidefinite matrices* 

**Andrew Michael Neish •** Gilroy, California. Aeronautics and Astronautics, Dissertation Title: *Establishing Trust Through Authentication in Satellite Based Augmentation Systems* 

**Motoki Osada •** Japan. Materials Science and Engineering, Dissertation Title: *Transition Metal Oxides for Photoelectrochemical Water-Splitting and Superconductivity* 

**Chi-Chun Pan •** Taipei, Taiwan. Mechanical Engineering, Dissertation Title: A Novel Bioprinting Platform and its Applications in Bone Tissue Engineering and Vascularization

**Hamid Partovi •** Mashad, Iran . Electrical Engineering, Dissertation Title: A Scalable All-Digital 64x48 Pixel Flash LiDaR Image Sensor

**Ritish Patnaik •** Plano, Texas. Bioengineering, Dissertation Title: Discovering and Validating Methylated Cell-Free DNA Biomarkers for Cancer

**Yucan Peng** • Meishan, China. Materials Science and Engineering, Dissertation Title: *Developing next-generation textiles for personal thermal management* 

**Rolando Cruz Perez •** Salinas, California. Bioengineering, Dissertation Title: *Bioengineering Basics, Biometrology, and Biocivics with Ganoderma lucidum* 

**Stephanie Liu Perkins •** Louisville, Colorado. Bioengineering, Dissertation Title: *A Mixed-Reality System for Breast Surgical Planning in the Operating Room: Magnetic Resonance Imaging Development and Initial Clinical Evaluation* 

**Sean Thomas Peters •** Yuma, Arizona. Electrical Engineering, Dissertation Title: *Passive Radar Sounding for Terrestrial and Planetary Glaciology* 

**Forest Olaf Peterson** • Concow, California. Civil and Environmental Engineering, Dissertation Title: *Communication To Align Ideal With Reality: A Contribution To Virtual Design And Construction Theory For Infrastructure Projects* 

**Yitong Piao** • China. Civil and Environmental Engineering, Dissertation Title: Case studies to determine the effect of applying Blockchain Technology and Building Information Modeling on the workflow of water infrastructure projects

**Peng Qi** • Computer Science, Dissertation Title: *Explainable and Efficient Knowledge Acquisition from Text* 

**Abhiram Shekhar Rao** • Bioengineering, Dissertation Title: Leveraging biobank-scale genetic data for drug target discovery and mechanistic understanding

**Benjamin Ancel Reeves** • Houston, Texas. Materials Science and Engineering, Dissertation Title: *Rapid Single-Crystalline III-V Optoelectronics By Pulsed Laser Crystal Splitting* 

**Andrew Riscoe** • Littleton, Colorado. Chemical Engineering, Dissertation Title: *Using microporous polymers and inorganic nanomaterials to direct heterogeneous catalysis* 

**William Robert Thomas Roderick** • Berkeley, California. Mechanical Engineering, Dissertation Title: *Takeoff and Landing in Birds as a Source of Inspiration for Designing Aerial Robots* 

**Gillie Agmon Roth** • Bioengineering, Dissertation Title: *Enhancing humoral immunity with injectable hydrogel platforms for sustained vaccine exposure* 

**Joel Sanchez •** Modesto, California. Chemical Engineering, Dissertation Title: *Engineering Electrode And Catalyst Environments* For Enhanced Water Electrolysis

**Seyed Ali Shameli** • Management Science and Engineering, Dissertation Title: *Online Assignment Mechanisms with Applications in Resource Allocation* 

**Yi Shao •** Suzhou, China. Civil and Environmental Engineering, Dissertation Title: *Improving Ductility and Design Methods of Reinforced High-Performance Fiber-Reinforced Cementitious Composite (HPFRCC) Flexural Members* 

**Vatsal Sharan •** Bhagalpur, India. Electrical Engineering, Dissertation Title: *New Problems and Perspectives on Learning with Limited Memory* 

**Avanti Shrikumar** • Bangalore, India. Computer Science, Dissertation Title: *Interpretable Machine Learning For Scientific Discovery in Regulatory Genomics* 

**Yi Shu** • Chengdu, China. Mechanical Engineering, Dissertation Title: Thermo-Mechanical Modeling of Metallic Substrates Around Laser-Induced Melt Pools

**Srinath Sibi** • Mechanical Engineering, Dissertation Title: *Driver Behavior And State Changes In Autonomous Vehicles* 

**Camelia Valentina Simoiu** • Management Science and Engineering, Dissertation Title: Secure by default: a behavioral approach to cyber security

**Aman Sinha** • Ivyland, California. Electrical Engineering, Dissertation Title: *Safety-Critical Machine Learning: Development and Testing* 

**Michelle Lindsay Solomon •** Massachusetts. Materials Science and Engineering, Dissertation Title: *Nanophotonic Platforms for Enhanced Chiral Light-Matter Interactions* 

**Lyndsay M. Stapleton •** Spokane, Washington. Bioengineering, Dissertation Title: *Engineered Biomaterials for Therapeutic Optimization of Cardiovascular Interventions* 

**Junkyo Suh** • Seoul, Korea. Electrical Engineering, Dissertation Title: *Silicon-Germanium and/or Germanium Nanowire Platform for Nanoelectronics and Nanophotonics* 

**Joshua Anthony Sullivan -** Aeronautics and Astronautics, Dissertation Title: *Nonlinear Angles-Only Orbit Estimation for Autonomous Distributed Space Systems* 

**Tian Tan •** Beijing, China. Civil and Environmental Engineering, Dissertation Title: *Data-Driven Adaptive Traffic Signal Control via Deep Reinforcement Learning* 

**Li Tao** • Changchun, China. Electrical Engineering, Dissertation Title: New Mechanisms of Ionizing Radiation Detection for Time-of-Flight Positron Emission Tomography (ToF-PET): Modulation of Optical Properties and Cherenkov Luminescence

**Ron Tidhar •** Melbourne, Australia. Management Science and Engineering, Dissertation Title: *Developing High-Performing Business Models* 

**Scott David Uhlrich** • Fort Collins, Colorado. Mechanical Engineering, Dissertation Title: *Gait Modifications for Knee Osteoarthritis: Design, Evaluation, and Clinical Translation* 

**Sam Sarosh Vesuna** • Los Altos, California. Bioengineering, Dissertation Title: *Neural circuitry of self-self and self-non-self interaction* 

**Saurabh Vyas •** Odenton, Maryland. Bioengineering, Dissertation Title: *Neural Population Dynamics Underlying Motor Learning* 

**Andrew Thomas Ward •** Highland, New York. Electrical Engineering, Dissertation Title: *Machine Learning Analytics for Data-Driven Decision Support in Healthcare* 

**Christopher Weyant** • Management Science and Engineering, Dissertation Title: *Improving Healthcare Decisions through Data-Driven Methods and Models: Analysis of Policies for Personalized Medicine* 

**Cody James Wrasman •** Middleton, Wisconsin. Chemical Engineering, Dissertation Title: Design and Understanding of Selective Catalysts Using Colloidal Nanoparticle Synthesis

**Chun Lan Wu** • Materials Science and Engineering, Dissertation Title: *Ionic Tuning of the Electrical and Optical Properties of Two-Dimensional Materials* 

**Ruoxuan Xiong •** Guangzhou, China. Management Science and Engineering, Dissertation Title: *Essays on Statistical Learning and Causal Inference on Panel Data* 

**Nicole Wang Xu •** Riverside, California. Bioengineering, Dissertation Title: *Robotic control of live jellyfish* 

**Runjie Xu** • China. Electrical Engineering, Dissertation Title: *Thermal Transport in Two-Dimensional and Wide Band Gap Materials* 

**Yikai Yin •** Handan, China. Materials Science and Engineering, Dissertation Title: *Elastomers For Stretchable Electronics: From Molecular Structure To Mechanical Properties* 

**Anthony C. Yu** • San Francisco, California. Materials Science and Engineering, Dissertation Title: *Polymer-Nanoparticle Materials For Prophylaxis: From Passive Immunity To Wildfire Prevention* 

**Shang Zhai** • Luoyang, China. Mechanical Engineering, Dissertation Title: *Iron-based oxides for thermochemical splitting of water and carbon dioxide* 

Kai Zhang • Electrical Engineering, Dissertation Title: Towards Low-cost Spatial Haptics: Brake-based Shape Displays and Automatic Content Authoring

**Huaiyang Zhong •** Yangzhou, China. Management Science and Engineering, Dissertation Title: *Decision Making for Disease Treatment: Operations Research and Data Analytic Modeling* 

**Ruize Zhuang •** Centerville, Ohio. Chemical Engineering, Dissertation Title: *Development of a Fluorescent Molecular Probe for Transglutaminase 2 Activity in Mammals* 

# Doctor of Philosophy SEES CONFERRED IANUARY 7.

DEGREES CONFERRED JANUARY 7, 2021

**Hannah Sara Alpert** • Needham, Massachusetts. Aeronautics and Astronautics, Dissertation Title: *Characterizing the Sensitivity of 2DEG-Based Magnetic Field and Ultraviolet Light Sensors in Space-Simulant Environments* 

**Sidhi Assawaworrarit** • Thailand. Electrical Engineering, Dissertation Title: *Robust dynamic wireless power transfer based on parity-time symmetry* 

**David Russell Barton III •** Dayton, Minnesota. Materials Science and Engineering, Dissertation Title: *High Quality Factor Phase Gradient Metasurfaces for Nonlinear and Reconfigurable Nanophotonics* 

**Stephanie Marie Bohaichuk •** Edmonton, Canada. Electrical Engineering, Dissertation Title: *Nanoscale Behaviour and Applications of Insulator-Metal Transition Materials* 

Kara Kimberly Brower • Maryland. Bioengineering, Dissertation Title: Novel Droplet Techniques For Integrative Single Cell Analyses

**Leopold Yves Leon S Cambier •** Uccle, Belgium. Computational and Mathematical Engineering, Dissertation Title: *Fast and Scalable Hierarchical Linear Solvers* 

**Sean Joseph Cassady •** Baltimore, Maryland. Mechanical Engineering, Dissertation Title: *Racing Engines and Cracking Fuels:* Laser-Based Measurement Techniques for Challenging Environments

**Wai Hong Ronald Chan** • Singapore, Singapore. Mechanical Engineering, Dissertation Title: *The bubble breakup cascade in turbulent breaking waves and its implications on subgrid-scale modeling* 

**Vineeth Chandran Suja** • Trivandrum, India. Chemical Engineering, Dissertation Title: *Instabilities and Breakup in Thin Liquid Films* 

**Holly Chiang •** Livonia, Michigan. Electrical Engineering, Dissertation Title: *Dynamic Multi-Clock Management for Embedded Systems* 

**Anjali Datta •** Grapevine, Texas. Electrical Engineering, Dissertation Title: Off-Resonance-Robust Balanced SSFP Cardiac Cine MRI

**Isha Madhurima Datye** • Albuquerque, New Mexico. Electrical Engineering, Dissertation Title: *Electrical, Thermal, and Strain-Dependent Characterization of Transition Metal Dichalcogenide-Based Devices* 

**Deepak Deepak Krishnamurthy •** Chennai, India. Mechanical Engineering, Dissertation Title: *Multi-scale approaches to study the biophysics of parasites and plankton* 

**Alexander Jordan Diaz de Arce •** St. Cloud, Florida. Chemical Engineering, Dissertation Title: *A vagal pulmonary hypoxia-sensing pathway regulates breathing* 

**Max Kristian Ferguson** • Christchurch, New Zealand. Civil and Environmental Engineering, Dissertation Title: *Improving Mobile Robot Navigation with Dynamic Building Information Models and Stochastic Neural Control* 

**Alison Mary Ferris** • Boulder, Colorado. Mechanical Engineering, Dissertation Title: *Development of fast-sampled species and laminar flame speed measurement techniques in a shock tube* 

**Zhenglin Geng** • Luoyang, China. Computer Science, Dissertation Title: Coercing Machine Learning to Output Physically Accurate Results

**Ravi Haksar** • Mechanical Engineering, Dissertation Title: *Control, Filtering, Learning, and Multi-robot Algorithms for Large Graph-based Markov Decision Processes* 

**Albert Haque •** Computer Science, Dissertation Title: *Ambient Intelligence for Healthcare* 

**Daniel R. Hunt •** Wilmington, Massachusetts. Chemical Engineering, Dissertation Title: *Engineered Biomaterials As Intestinal Epithelial Cell Culture Platforms* 

**Mikael Daniel Gabriel Jorda** • Mechanical Engineering, Dissertation Title: *Robust Robotic Manipulation for Effective Multi-Contact and Safe Physical Interactions* 

**Colleen Josephson •** Ipswich, Massachusetts. Electrical Engineering, Dissertation Title: *Exploring low-power ubiquitous sensing using RF backscatter* 

Indraneel Gireendra Kasmalkar • Pune, India. Computational and Mathematical Engineering, Dissertation Title: The Causes and Consequences of High Uncertainty in Global Sea Level Rise: From Subglacial Dynamics to Vulnerabilities within our Urban Systems

**Capella Frances Kerst •** Los Gatos, California. Mechanical Engineering, Dissertation Title: *Gecko Inspired Adhesives: Permanent Practical Manufacturing, New Materials, and Applications* 

**Daniel Kharitonov** • St. Petersburg, Russian Federation. Management Science and Engineering, Dissertation Title: *Bayesian Structural Learning in Decision Analysis* 

**Carolyn Kim -** Computer Science, Dissertation Title: *Matrix Estimation with Adaptive Samples* 

**Jonathan David Kuck •** Champaign, Illinois. Computer Science, Dissertation Title: *Fast Approximate Inference: Shifting the Pareto Frontier via Adaptation* 

**Giacomo Lamberti** • Vallecrosia, Italy. Civil and Environmental Engineering, Dissertation Title: *A multi-fidelity numerical framework for predicting wind loads on buildings* 

**Steven Alexander Leung** • Bioengineering, Dissertation Title: Leveraging Simulations to Improve Focused Ultrasound Brain Treatments

**Xiaocheng Li** • Tianjin, China. Management Science and Engineering, Dissertation Title: *Online Linear Programming: Algorithm Design and Analysis* 

**David Brian Lindell •** Mankato, Minnesota. Electrical Engineering, Dissertation Title: Computational Imaging with Single-Photon Detectors

**Xianling Long •** China. Management Science and Engineering, Dissertation Title: Assessing China's Unconventional Carbon Pricing System

**Alexander Lozano** • Toronto, Canada. Materials Science and Engineering, Dissertation Title: *Circulating Cellular Prognostic Biomarkers for Cancer* 

**Xiuyuan Lu** • Management Science and Engineering, Dissertation Title: *Information-Directed Sampling for Reinforcement Learning* 

**Timothy David MacDonald •** Turlock, California. Aeronautics and Astronautics, Dissertation Title: *Multi-Fidelity Wing Optimization Utilizing 2D-to-3D Mapping in Transonic Conditions* 

**David G. Mackanic •** Cary, North Carolina. Chemical Engineering, Dissertation Title: Functional Design Of Advanced Polymer Architectures For Improved Lithium-Ion Batteries

**Michael Thomas Mara •** Chicopee, Massachusetts. Computer Science, Dissertation Title: *Thallo: A Domain Specific Language for Non-linear Least Squares Optimization in Visual Computing* 

**Yu Miao •** Harbin, China. Electrical Engineering, Dissertation Title: *Design and fabrication improvements for the dielectric laser accelerators* 

**James Marion Lehto Miller •** Mechanical Engineering, Dissertation Title: *Fluctuations and Nonlinearities in Micromechanical Thermal-Piezoresistive Resonators* 

**Jaewan Mun** • Seoul, Korea. Chemical Engineering, Dissertation Title: *Molecular Design Principles Of Deformable Polymer Semiconductors For Soft Electronics* 

**David William Palm •** Champion, Ohio. Chemical Engineering, Dissertation Title: *Ultrathin Coatings for Enhanced Durability in (Photo)electrochemical Hydrogen Production* 

**Ricardo Andre Peterson •** Arizona. Electrical Engineering, Dissertation Title: *Characterization Of Hydrogen-Terminated Diamond Devices For Extreme Environment Applications*  **Yeping Qiu •** Electrical Engineering, Dissertation Title: *Imputation and predictive modeling with biomedical multi-scale data* 

**Angad Singh Rekhi** • Carol Stream, Illinois. Electrical Engineering, Dissertation Title: *Wireless Control of Small Electronic Tags Using Air-Coupled Ultrasound* 

**Isamar Rosa Plata** • Peñuelas, Puerto Rico. Civil and Environmental Engineering, Dissertation Title: *Multiscale Modeling and Testing of Biopolymer-bound Soil Composites* 

**Jonathan Michael Roth** • Lebanon, New Hampshire. Civil and Environmental Engineering, Dissertation Title: *Data-driven strategies towards grid-interactive and energy-efficient buildings* 

**Robert Wilhelm Siegfried Ruhlandt •** Munich, Germany. Civil and Environmental Engineering, Dissertation Title: *Data, analytics and governance in (smart) cities* 

**Laura Jeanette Simurda** • Lake Forest, California. Aeronautics and Astronautics, Dissertation Title: *Development of a Hybrid Rocket Propulsion System for Small Satellites with Torch Plume Simulation and Temperature Measurements* 

**Andrew James Sonta •** Chicago, Illinois. Civil and Environmental Engineering, Dissertation Title: *Integrating social and environmental perspectives in building design and operation* 

**Michael Strand** • Saint Paul, Minnesota. Materials Science and Engineering, Dissertation Title: *Dynamic Glass based on Reversible Metal Electrodeposition* 

**Evan Nicholas Strasnick •** Virginia Beach, Virginia. Computer Science, Dissertation Title: *Facilitating Analog Circuit Design and Debugging with Instrumented, Programmable Hardware* 

**Ana Maria Tarano** • Hialeah, Florida. Aeronautics and Astronautics, Dissertation Title: *Automated Inference of Impacting Asteroids' Physical Properties and Motion* 

**Pinnaree Tea-makorn •** Bangkok, Thailand. Electrical Engineering, Dissertation Title: *Do we look like our spouses and our names? Reexamining the convergence in physical appearance hypothesis with modern computational methods* 

**Jayant Purushottam Thatte** • Pune, India. Electrical Engineering, Dissertation Title: *Cinematic Virtual Reality with Head-motion Parallax* 

**Alexandro E. Trevino ·** Madison, Wisconsin. Bioengineering, Dissertation Title: *Gene regulation and the physical genome* 

**Rahul Trivedi** • Delhi, India. Electrical Engineering, Dissertation Title: Scattering models for the design and analysis of quantum hardware

**Mark Yaakov Tuchman •** Israel. Materials Science and Engineering, Dissertation Title: *Novel Methods of Organic Electrochemical Device Nanofabrication and Characterization* 

**Kevin Wan** • Irvine, California. Mechanical Engineering, Dissertation Title: *Characterization of NOx and soot in premixed stagnation flames* 

**Yu Wang •** Jiujiang, China. Mechanical Engineering, Dissertation Title: *On the use of infrared spectroscopy and statistical learning with sparsity to characterize hydrocarbon fuels* 

**Zhaoxuan Wang •** Beijing, China. Materials Science and Engineering, Dissertation Title: *Precision Synthesis with Atomic Layer Deposition for Oxygen Reduction Reaction Enhancement* 

**Jie Wu** • Civil and Environmental Engineering, Dissertation Title: A Multi-Physics Corrosion Induced Deterioration Framework For Durability Performance Management Of Reinforced Concrete Structures

**Andrew Chris Yang •** Fullerton, California. Bioengineering, Dissertation Title: *Molecular tools to understand blood-brain barrier function in health, aging, and disease* 

**Chengyang Yao** • China. Electrical Engineering, Dissertation Title: *A Point-of-Care Testing System With Giant Magnetoresistive Biosensors* 

**Timothy Wolf Yeskoo •** Summit, New Jersey. Civil and Environmental Engineering, Dissertation Title: *Portfolio optimization of distributed energy resources and techno-economic optimization analysis of energy storage to address capacity issues and support higher renewable energy levels on the electrical grid* 

**Qing Yin •** Tianjin, China. Civil and Environmental Engineering, Dissertation Title: A Framework for the Prediction of Long-Term Time-Dependent Deformation of Shale

**Kuanshi Zhong** • Shaoxing, China. Civil and Environmental Engineering, Dissertation Title: *Influence of Reinforcing Steel Fracture on Seismic Performance of Concrete Structures: Fracture Simulation, Earthquake Duration Effects, and Design Strategies* 

# Doctor of Philosophy DEGREES CONFERRED APRIL 1, 2021

**Shamseddin Akhondzadeh** • Tehran, Iran . Mechanical Engineering, Dissertation Title: *Statistical Analysis and Constitutive Modeling of Crystal Plasticity using Dislocation Dynamics Simulation Database* 

**Namrata Anand •** Bioengineering, Dissertation Title: *Deep learning for protein design* 

**Andres Jesus Aranda Diaz •** Santiago, Chile. Bioengineering, Dissertation Title: *Probing Gut Bacterial Physiology and Antibiotic Action in Complex Environments* 

**Spyridon Gerasimos Baltsavias •** Thessaloniki, Greece. Electrical Engineering, Dissertation Title: *In Vivo Gut Microbiome Sensors* 

**Leighton Pate Barnes •** Electrical Engineering, Dissertation Title: *Geometric Techniques in Multiterminal Communication and Estimation* 

**Raunak Pushpak Bhattacharyya •** Mumbai, India. Aeronautics and Astronautics, Dissertation Title: *Modeling Human Driving from Demonstrations* 

**Gabriele Boncoraglio •** Ragusa, Italy. Aeronautics and Astronautics, Dissertation Title: *Model Order Reduction for Multidisciplinary Design Optimization in Higher-Dimensional Parameter Spaces* 

**Eric Jishuan Ching •** Edison, New Jersey. Mechanical Engineering, Dissertation Title: *Development of high-order discontinuous Galerkin methods for simulations of high-speed particle-laden fluid flows* 

**Vincent Louie Chiu** • Mechanical Engineering, Dissertation Title: Design and testing of an ankle-foot prosthesis and a hip exoskeleton to improve balance-related outcomes and prevent falls

**Eyal Cidon •** Haifa, Israel. Electrical Engineering, Dissertation Title: *Improving the Robustness and Accuracy of Deep Learning Deployment on Edge Devices* 

**Kevin Stefan Clark •** Computer Science, Dissertation Title: *Efficient* and Scalable Transfer Learning for Natural Language Processing

**Anneke Laurel Claypool** • Laporte, Colorado. Management Science and Engineering, Dissertation Title: *Modeling Multiple Infectious Diseases for Cost-Effectiveness Analysis* 

**Anthony Louis Corso** • Bend, Oregon. Aeronautics and Astronautics, Dissertation Title: *Algorithms for Black-Box Safety Validation* 

**Julia De Toledo Camargo •** Civil and Environmental Engineering, Dissertation Title: *A finite element-finite volume approach for multiphase poromechanics* 

**Mialy Murie DeFelice •** Tarpon Springs, Florida. Bioengineering, Dissertation Title: *Methods to visualize, dissect and simulate complex cellular behaviors* 

**Duncan O'Daniel Eddy •** California. Aeronautics and Astronautics, Dissertation Title: *Task Planning for Earth Observing Satellite Systems* 

**Michael Charles Zinzan Fairley •** Christchurch, New Zealand. Management Science and Engineering, Dissertation Title: *Data-Driven Analytics for Clinical Decision Making, Healthcare Operations Management and Public Health Policy*  **Julian Jon-Laurent Girard** • Guilderland, New York. Mechanical Engineering, Dissertation Title: *In Situ Probe-Enabled Tunable Diode Laser Absorption Measurements in Flames, Shock Tubes and Shock Tuppels* 

**Alex Makris Gruebele •** Champaign, Illinois. Mechanical Engineering, Dissertation Title: *Robust Soft Sensors For Exploring The Real World* 

**Kazuma Gunning •** Vernon Hills, Illinois. Aeronautics and Astronautics, Dissertation Title: *Safety Critical Bounds for Precise Positioning for Aviation and Autonomy* 

**Eric Christopher Holmes •** Beaverton, Oregon. Chemical Engineering, Dissertation Title: *Discovery and engineering of metabolite-based defense mechanisms in plants* 

**Tiffany Wanshing Huang •** Fort Dodge, Iowa. Electrical Engineering, Dissertation Title: *Advancing Retinal Prostheses From Two to Three Dimensions* 

**William Huang •** Materials Science and Engineering, Dissertation Title: *Cryogenic Transmission Electron Microscopy for Next-Generation Batteries* 

**Stephen Gabriel Ibanez** • San Diego, California. Electrical Engineering, Dissertation Title: *Optimizing Remote Procedure Calls in Datacenters using Hardware/Software Co-Design* 

**Sam Bit Kim** • Computer Science, Dissertation Title: *Pseudorandom Functions with New Properties from Hard Lattice Problems* 

**Kevin Nicholas Kiningham** • Saline, Michigan. Electrical Engineering, Dissertation Title: *Hardware Acceleration For Graph Neural Networks* 

**Brett Ryan Kuprel** • Holt, Michigan. Electrical Engineering, Dissertation Title: *Two Medical Applications of Deep Neural Networks* **Cheng Liu** • Yangzhou, China. Mechanical Engineering, Dissertation

Title: Design of Active Sensing Smart Skin for Incipient Slip Detection in Robotic Applications

**Shiyu Liu** • Nantong, China. Electrical Engineering, Dissertation Title: *Self-Programming Networks: Measuring and Controlling Networks from the Edge* 

**Aliyeh Mousavi** • Washington, District of Columbia. Mechanical Engineering, Dissertation Title: *Development of a mechanically versatile bioreactor system for cellular microgravity and articular joint modeling* 

**Mamdouh Hassan Nasr** • Cairo, Egypt. Electrical Engineering, Dissertation Title: *Distributed-Coupling Linear Particle Accelerators* 

**Jan Surya Overgoor** • Amsterdam, Netherlands. Management Science and Engineering, Dissertation Title: *Network formation as a choice process* 

**Katherine Lin Poggensee •** La Grange, Illinois. Mechanical Engineering, Dissertation Title: *Understanding the human contribution to the human-exoskeleton system* 

**Shanshan Ruan •** Computer Science, Dissertation Title: *Smart Tutoring Through Conversational Interfaces* 

**William Alton Russell IV •** Wilmington, North Carolina.

Management Science and Engineering, Dissertation Title: *Models to inform the safe collection and transfusion of donated blood* 

**Arjun Seshadri** • Madison, Wisconsin. Electrical Engineering, Dissertation Title: *Learning Preferences from Choices and Rankings* 

**Shashwat Silas •** Computer Science, Dissertation Title: *Threshold rates for error correcting codes* 

**Kawin Surakitbovorn •** Thailand. Electrical Engineering, Dissertation Title: *On the Design and Optimization of RF Power Amplifiers Using Wide Bandgap Devices* 

**Hilario Cardenas Torres** • Houston, Texas. Mechanical Engineering, Dissertation Title: *Simulations of Particle Laden Turbulence in A Radiation Environment Using Heterogeneous High Performance Computing Systems* 

**David Sichen Wu** • Materials Science and Engineering, Dissertation Title: *Exploring the Li-S System for Next-Generation Batteries* 

**You Wu** • Wuhan, China. Management Science and Engineering, Dissertation Title: Entrepreneurial Strategies in Institutional Changes: Tackling the Conflicts Between New and Old Rules

**Xuerong Xiao** • Wuhan, China. Electrical Engineering, Dissertation Title: Deep Learning For Automated Analysis Of Dendritic Spines In Volumetric Microscopic Images

Marc E. Zajac • Granite Bay, California. Materials Science and Engineering, Dissertation Title: Characterization of the Crystallization Dynamics of Phase-Change Materials via Electron Diffraction

**Junzi Zhang** • Chongqing, China. Computational and Mathematical Engineering, Dissertation Title: *Stabilizing Anderson Mixing for Accelerated Optimization* 

**Yue Zhu** • Shanghai, China. Management Science and Engineering, Dissertation Title: *Essays in Asset Pricing and Machine Learning* 



DEGREE CANDIDATES, JUNE 13, 2021

**Omokolade Olayiwola Adebowale -** Joliet, Illinois. Chemical Engineering, Dissertation Title: *Substrate stress relaxation regulates cell migration* 

**Aisulu Aitbekova •** Almaty, Kazakhstan. Chemical Engineering, Dissertation Title: *Colloidal Nanoparticle Catalysts for Sustainable Energy Applications* 

**Jing An** • Zhoushan, China. Computational and Mathematical Engineering, Dissertation Title: *Nonlinear Partial Differential Equations and Stochastic Analysis for Machine Learning Models* 

**Timothy Anderson -** Fresno, California. Electrical Engineering, Dissertation Title: *Data-Driven Methods in Laboratory-Scale Study of Enhanced Oil Recovery* 

**Arun Somayaji Asundi •** Chemical Engineering, Dissertation Title: *Understanding Catalyst Structure-Performance Relationships through Precise Synthesis and In Situ Characterization* 

Sonia Amanda Baltodano • El Crucero, Nicaragua. Mechanical Engineering, Dissertation Title: Capturing and Understanding People's Experiences in Cars: Design Research Methods for Real Roads

**Micha Ben-Naim** • Los Alamos, New Mexico. Chemical Engineering, Dissertation Title: *Engineering Catalysts and Interfaces for Improved Stability in Photoelectrochemical Water Splitting* 

**Jiang Bian •** Management Science and Engineering, Dissertation Title: *Essays on Collaborative Innovation* 

**Kyle Jordan Brown •** Spokane Valley, Washington. Mechanical Engineering, Dissertation Title: *Algorithms for Multi-Agent Robotic Assembly Planning* 

**Gwendolyn Bryan** • Albuquerque, New Mexico. Mechanical Engineering, Dissertation Title: *Development of effective hip-knee-ankle exoskeleton assistance for different walking conditions* 

**Camila Arantxa Cendra Guinassi •** Materials Science and Engineering, Dissertation Title: *Towards Understanding Nanoscale and Mesoscale Order in Organic Semiconductors* 

**Ines Chami** • Computational and Mathematical Engineering, Dissertation Title: *Representation Learning and Algorithms in Hyperbolic Spaces* 

**Shubham Chandak •** India. Electrical Engineering, Dissertation Title: *Compression of raw genomic data* 

**Kevin Chen** • Electrical Engineering, Dissertation Title: *Multimodal Representations for Vision, Language, and Embodied AI* 

**Ruiqi Chen** • Novi, Michigan. Aeronautics and Astronautics, Dissertation Title: *Mesostructure Design and Analysis of Additive Manufactured Polymers*  **Yilin Chen •** Zibo, China. Civil and Environmental Engineering, Dissertation Title: *Geostatistical and network analysis of non-stationary spatial variation in ground motion amplitudes* 

**Michelle Elyse Chernick** • East Brunswick, New Jersey. Mechanical Engineering, Dissertation Title: *Optimal Impulsive Control of Spacecraft Relative Motion* 

**Shushman Choudhury •** Computer Science, Dissertation Title: *Hierarchical Decision-Making in Coordinated Multi-Robot Networks* 

**Margaret Mary Coad** • Peoria, Illinois. Mechanical Engineering, Dissertation Title: *Design, Modeling, and Control of Vine Robots for Exploration of Unknown Environments* 

**Cody Austun Coleman •** Winslow Township, New Jersey. Computer Science, Dissertation Title: *Resource and data efficient deep learning* 

**Rolf David Dixon Jr.** • Buena Vista, Virginia. Civil and Environmental Engineering, Dissertation Title: *Organizational Learning and Knowledge Creation* 

**Jane Little E** • Princeton Junction, New Jersey. Computer Science, Dissertation Title: *Artistic Vision: Providing Contextual Guidance for Capture-Time Decisions* 

**Saba Eskandarian** • Great Falls, Virginia. Computer Science, Dissertation Title: *Strong Privacy for Communication, Browsing, and Storage* 

**Matthew Feldman •** Wellington, Florida. Electrical Engineering, Dissertation Title: *Software-Defined Hardware Without Sacrificing Performance* 

**Raul Abram Flores Jr.** • Chemical Engineering, Dissertation Title: Computational Efforts Towards Efficient Catalyst Design In The Space Of Oxygen Electrochemistry

**Patrick Wade Franks** • Baltimore, Maryland. Mechanical Engineering, Dissertation Title: *Designing Multi-Joint Exoskeleton Assistance Using Experiments and Simulations* 

**Sean Gregory Friedowitz** • Yorba Linda. Materials Science and Engineering, Dissertation Title: *Charge binding and electrostatic correlations in polyelectrolyte complex coacervation* 

**Samuel Frishman** • Ames, Iowa. Mechanical Engineering, Dissertation Title: *Extending Physicians' Reach with Passive and Transparent Transmissions* 

**Anqi Fu** • Dayton, Maryland. Electrical Engineering, Dissertation Title: *Convex Optimization Methods for Adaptive Radiation Therapy* 

**Ofir Geri** • Computer Science, Dissertation Title: Weighted Sampling Sketches for Functions of Frequencies

**Amirata Ghorbani** • Zanjan, Iran . Electrical Engineering, Dissertation Title: *Model Interpretation and Data Valuation for Machine Learning* 

**Byunghang Ha** • Chonju, Korea. Mechanical Engineering, Dissertation Title: *Microfluidics meet ionizing radiation: drop-based flow radiocytometry and liquid sheet jet for X-ray spectroscopy* 

**Stefan Hadjis •** Computer Science, Dissertation Title: *Techniques* for Mapping Deep Neural Network Frameworks to Programmable Accelerators

**Zachary Michael Hammond •** Long Beach, California. Mechanical Engineering, Dissertation Title: *Design and Control of Soft Truss Robots* 

**Steven G. Herbst •** Falls Church, Virginia. Electrical Engineering, Dissertation Title: *An Open-Source Framework for FPGA Emulation of Analog/Mixed-Signal Integrated Circuit Designs* 

**Luke Wen-syong Hsiao** • South Jordan, Utah. Electrical Engineering, Dissertation Title: *Creating Hardware Component Knowledge Bases from PDF Datasheets* 

**Pan Hu** • Xiantao, China. Electrical Engineering, Dissertation Title: Optimizing Large-Scale Camera Analytic Systems with Wireless Insights

**Reyna Marie Hulett •** Mountain View, California. Computer Science, Dissertation Title: *All Models Are Wrong, but Some Are Useful: Voting Theory and DNA Storage* 

**Hayato Ikoma •** Soraku-Gun, Japan. Electrical Engineering, Dissertation Title: *Computational fluorescence microscopy for three dimensional reconstruction* 

**Anika Jain •** Agra, India. Chemical Engineering, Dissertation Title: Shear and extensional rheology of particle-laden viscoelastic suspensions

**Nimit Jain •** Bioengineering, Dissertation Title: *Replication of RNA by Transcription Polymerases* 

**Jingwei Ji** • Jinan, China. Electrical Engineering, Dissertation Title: *Towards Comprehensive Action Understanding in Videos* 

**Qijia Jiang •** Electrical Engineering, Dissertation Title: *Better Optimization Algorithms, Moving Beyond the Classics* 

**Raejoon Jung •** Daegu, Korea. Electrical Engineering, Dissertation Title: *Exploiting Chirp Spread Spectrum and Error Detection in LoRa Collision Recovery* 

**Sara Rois Kelly** • Madison, Wisconsin. Chemical Engineering, Dissertation Title: *New Frontiers in Oxygen Electrocatalysis* 

**Ramtin Keramati** • Computational and Mathematical Engineering, Dissertation Title: *Robust Reinforcement Learning, Application to Health Care* 

**Urvashi Khandelwal** • Computer Science, Dissertation Title: Improving Neural Language Models with Black-Box Analysis and Generalization through Memorization

**Jong Ho Kim** • Seoul, Korea. Electrical Engineering, Dissertation Title: *Optimal Operation of a Plug-in Hybrid Vehicle with Battery Thermal and Degradation Model* 

**Sungjin Kim** • Electrical Engineering, Dissertation Title: *Sythesizable Mixed-Signal Building Blocks For Open Source High Speed Serial Links* 

**Bazyli Jan Klockiewicz** • Poznan, Poland. Computational and Mathematical Engineering, Dissertation Title: *Hierarchical Approximate Factorization Methods for the Solution of Sparse Linear Systems with Application in Geoscience* 

**Jennifer Maria Knall** • Sunnyvale, California. Electrical Engineering, Dissertation Title: *Radiation-Balanced Silica Fiber Lasers and Amplifiers* 

Allison Koenecke • Falls Church, Virginia. Computational and Mathematical Engineering, Dissertation Title: Fairness in Algorithmic Services

**Mark Koren •** Rolling Meadows, Illinois. Aeronautics and Astronautics, Dissertation Title: *Approximate Methods for Validating Autonomous Systems in Simulation* 

**Melissa Ellen Kreider** • Branford, Connecticut. Chemical Engineering, Dissertation Title: *Development of Non-Precious Metal Catalysts for the Oxygen Reduction Reaction* 

**Benoit Landry •** Sainte-Thérèse, Canada. Aeronautics and Astronautics, Dissertation Title: *Differentiable and Bilevel Optimization for Control in Robotics* 

**Collin Shing-Tsi Lee •** Hillsborough, California. Computer Science, Dissertation Title: *Distributed Procedure Call* 

**Michelle Annabel Lee •** Taipei, Taiwan. Mechanical Engineering, Dissertation Title: Fusion for Robot Perception and Controls

**Ruilin Li** • Xi'an, China. Computational and Mathematical Engineering, Dissertation Title: *Statistical Learning for Large-Scale Survival Data* 

**Wanyi Li** • Xuzhou, China. Management Science and Engineering, Dissertation Title: *Contracts and Incentives in Environmental Sustainability* 

**Yang Li** • Mechanical Engineering, Dissertation Title: Shock Tube Study of Weakly Ionized Plasmas using Laser Absorption Spectroscopy of Excited State Oxygen Atoms **Zhiyuan Lin** • Changsha, China. Computer Science, Dissertation Title: *Algorithmically Guided Human Decision Making in Criminal Justice and Beyond* 

**Chenru Liu •** Stanford, California. Management Science and Engineering, Dissertation Title: *Advances in Data-driven Financial Econometrics, Item Response Theory and Multiple Hypothesis Testing: Theory and Applications* 

**Yao Liu** • Xinxiang, China. Computer Science, Dissertation Title: *Adaptive and Efficient Batch Reinforcement Learning Algorithms* 

**Katharina Lucia Maria Lix •** Essen, Germany. Management Science and Engineering, Dissertation Title: *Mixed-Method Approaches to Employment Relationships in Team-Based Online Gig Work* 

**Thomas Kris Ludwig •** Chemical Engineering, Dissertation Title: Insights into Chemical Reactions at Interfaces from Enhanced Sampling and Global Optimization Algorithms

**Huizi Mao •** Zhuji, China. Electrical Engineering, Dissertation Title: *Methods and Metrics for Efficient Video Object Detection* 

**Connor McClellan** • Austin, Texas. Electrical Engineering, Dissertation Title: *Heterogenous Integration of 2D Semiconductors* 

**Arek Viken Melkonian •** Laguna Niguel, California. Chemical Engineering, Dissertation Title: *The Allostery of Transglutaminase 2 and Its Role in Coeliac Disease* 

**Kunal Raj Menda •** Bangalore, India. Aeronautics and Astronautics, Dissertation Title: *Data-Driven Modeling of Dynamical Systems* 

**Armando Enrique Messina Cruz** • Santo Domingo, Dominican Republic. Civil and Environmental Engineering, Dissertation Title: Evaluation of the Effects of Stick-Slip Transitions on the Seismic Response of Isolated Structures with Sliding Bearings

**Damian Mrowca •** Weyarn, Germany. Computer Science, Dissertation Title: *Curiosity-Driven Learning for Physically Grounded Autonomous Agents* 

**Jayant Mukhopadhaya** • Patna, India. Aeronautics and Astronautics, Dissertation Title: *Probabilistic Analysis of Aircraft Maneuvers Using Multi-Fidelity Aerodynamics Databases and Uncertainty Quantification* 

**Andres Philipp Noetzli •** Bern, Switzerland. Computer Science, Dissertation Title: *Towards Better Simplifications in SMT Solvers With Applications in String Solving* 

**Heather Elizabeth Pacella •** Mechanical Engineering, Dissertation Title: *Modern Programming Models for GPU-accelerated Heterogeneous Supercomputers: Computational Fluid Dynamics and in situ Data Compression* 

**Sanghyeon Park** • Seoul, Korea. Electrical Engineering, Dissertation Title: *Circuit Techniques for Compact and Lightweight High-Voltage DC Power Supplies* 

**Anjli M. Patel •** Audubon, Pennsylvania. Chemical Engineering, Dissertation Title: *Theoretical Routes to Advance Oxygen Electrocatalysis for Energy Conversion* 

**Reid Pryzant •** Falmouth, Maine. Computer Science, Dissertation Title: *Algorithms for Characterizing the Influence of Language on Perception and Behavior* 

**Ante Qu •** Plainsboro, New Jersey. Computer Science, Dissertation Title: Computer Methods for Collision Processing: From Sound to Topology

James Andrew Raiford • Hockessin, Delaware. Chemical Engineering, Dissertation Title: Engineering Carrier-Selective Contact Layers to Improve the Operational Stability of Metal Halide Perovskite Solar Cells

**Pranav Samir Rajpurkar •** Dubai, United Arab Emirates. Computer Science, Dissertation Title: *Deep Learning for Medical Image Interpretation* 

**Filippo Ranalli** • Rome, Italy. Civil and Environmental Engineering, Dissertation Title: *An Artificial Intelligence Framework for Multi-Disciplinary Design Optimization of Steel Buildings* 

• **Rituraj** • Patna, India. Electrical Engineering, Dissertation Title: Scattering in structured photonic media for classical and quantum light manipulation

**Elise Rose Robinson** • Clements, California. Bioengineering, Dissertation Title: *Optimizing Gene Delivery for an Early Cancer Detection Strategy* 

**Mahmoud Mohamed Naguib Sawaby** • Shoubak, Egypt. Electrical Engineering, Dissertation Title: *Distributed Mm-Wave Transceivers for Wireless Point-to-Point Communications* 

**Lin Shao •** Fuyang, China. Computational and Mathematical Engineering, Dissertation Title: See, Act, and Conceptualize: A Learning System for Robots to Interact with the World

**Daniel Worthington Smith •** Washington, District of Columbia. Civil and Environmental Engineering, Dissertation Title: *Effective demand for safer and more reliable water supply in low- and middle-income countries: Evidence from urban Bangladesh and rural Uganda* 

**Michael John Statt** • Rochester, New York. Chemical Engineering, Dissertation Title: *Theoretical Approaches Towards Selective Electrochemical Nitrogen Reduction* 

**Alvin Universe Tang •** Irvine, California. Electrical Engineering, Dissertation Title: *Towards Low Temperature Solid Source Synthesis Of Monolayer Molybdenum Disulfide And Low Resistance Contacts To Molybdenum Disulfide-based Devices* 

**Alexander Joel Tarashansky** • Agoura Hills, California. Bioengineering, Dissertation Title: *Single-cell Transcriptomic Analysis of Animals Across Broad Evolutionary Scales* 

**Ganyu Teng** • Wenzhou, China. Civil and Environmental Engineering, Dissertation Title: Short-term hazard analysis in the presence of induced seismicity

**Raphael John Lamarre Townshend •** Montreal, Canada. Computer Science, Dissertation Title: *Geometric Learning of Biomolecular Structure* 

Jonathan Eric Tuck • Atlanta, Georgia. Electrical Engineering, Dissertation Title: Laplacian Regularized Stratified Model Fitting Matthew Vilim • Electrical Engineering, Dissertation Title: In-

**Eric Bradley Volmar** • Kaysville, Utah. Management Science and Engineering, Dissertation Title: *When New Markets and Powerful Institutions Collide: How Mission-Driven Entrepreneurs Form Strategy, Organize, and Compete* 

database machine learning on reconfigurable dataflow accelerators

**He Wang** • Beijing, China. Electrical Engineering, Dissertation Title: Category-Level Object Perception for Physical Interaction

**Jiechen Wang •** Hangzhou, China. Materials Science and Engineering, Dissertation Title: *Solution processed highly stretchable organic electronic device systems* 

**Sherrie Wang •** Sharon, Massachusetts. Computational and Mathematical Engineering, Dissertation Title: *Machine Learning for Satellite Imagery when Labels Are Scarce* 

**Lauren Elizabeth Watkins** • Angola, Indiana. Bioengineering, Dissertation Title: *Imaging strategies for quantitative, whole-joint assessment of structure and function related to knee osteoarthritis* 

**Eric Wei Wei •** Electrical Engineering, Dissertation Title: *Towards Collaborative Development of Lineage-Agnostic Cells* 

**Po-Hsuan Wei •** Hsinchu City, Taiwan. Electrical Engineering, Dissertation Title: *Analog and Mixed-Signal Layout Automation using Digital Place-and-Route Tools* 

**Cara Gonzalez Welker •** St. Louis, Missouri. Bioengineering, Dissertation Title: *Sensorimotor Control of Lower-Limb Assistive Devices* 

**Tyler Emerson Whittle •** Knoxville, Tennessee. Management Science and Engineering, Dissertation Title: *Entrepreneurial Finance: From Accelerators to IPOs* 

**Sophia Rose Williams •** Alameda, California. Electrical Engineering, Dissertation Title: *Wearable Haptic Devices for Social and Virtual Interaction* 

James Winter • Ridgefield, Connecticut. Civil and Environmental Engineering, Dissertation Title: Health, wealth, and happiness: Evidence from piped water and behavior change interventions in rural Zambia

**Xian Wu** • Management Science and Engineering, Dissertation Title: Developing Data Efficient Algorithms In Artificial Intelligence

**Kailai Xu** • China. Computational and Mathematical Engineering, Dissertation Title: *Machine Learning for Computational Engineering* 

**Ziyi Yang •** China. Mechanical Engineering, Dissertation Title: *Deep Learning for Anomaly Detection and Representation Learning* 

**Andrea Zanette •** Sacile, Italy. Computational and Mathematical Engineering, Dissertation Title: *Reinforcement Learning: When can we do Sample Efficient Exploration?* 

**Jiaming Zeng •** St. Louis, Missouri. Management Science and Engineering, Dissertation Title: *Mining electronic medical records for cancer treatment decisions* 

**Yitian Zeng •** Ganzhou, China. Materials Science and Engineering, Dissertation Title: *Electron Microscopy Characterization of Nanoparticles for Biomedical Application* 

**Fan Zhang •** Jinan, China. Management Science and Engineering, Dissertation Title: *Optimal Stochastic Couplings* 

**Qi Zhang •** Qingdao, China. Civil and Environmental Engineering, Dissertation Title: *Issues in the mathematical modeling of unconventional geomaterials* 

**Zhexin Zhao** • Yangzhou, China. Electrical Engineering, Dissertation Title: *Photonic design of dielectric laser accelerators and quantum features of free electrons* 

**Sharon Zhou** • Boxborough, Massachusetts. Computer Science, Dissertation Title: *On the Evaluation of Deep Generative Models* 

### School of Humanities and Sciences

### Debra Satz, Dean

#### Bachelor of Arts

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

Alexandra V. Akre • Philosophy

Almog Aybar • English

**Ashley Victoria Baxter •** Wheeling, West Virginia. International Relations

Jesse Calderon • Gilroy, California. Human Biology

Joshua Cobler • Plano, Texas. Anthropology

**Courtney Elyse Cooperman •** Short Hills, New Jersey. Political Science, Interdisciplinary Honors Program in Ethics in Society, with Distinction

**Molly G. Culhane •** Denver, Colorado. History, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law

**Katherine Marie Flink •** Richardson, Texas. Comparative Studies in Race and Ethnicity

Cecilia H. Gee • Orinda, California. Human Biology

Pedro Guimaraes Martins • Belo Horizonte, Brazil. Economics

 $\textbf{Kate Alexandra Ham} \bullet \text{Houston, Texas. Urban Studies,}$ 

Departmental Honors Program

Daniel John Ibeling • Economics

Kathleen Elizabeth Kelso • English

Peter Kranwinkle • Seattle, Taiwan. Italian

**Adrian Y. Liu** • San Diego, California. Philosophy and Religious Studies, Departmental Honors Program, with Distinction

**Liam James McGregor •** San Juan Capistrano, California.

Economics

Michael S. Mcfarland • Palos Verdes, California. Economics

**Savannah Rose Mohacsi** • San Bernardino, California. Human Biology, Interdisciplinary Honors Program in Arts

Estella Grace Moschkau • Madison, Wisconsin. Political Science

**Milan Mosse •** Pasadena, California. Philosophy, Departmental Honors Program

Naomi Nigam • Economics

Kimberly Ortez Bonilla • Sociology

Minh-Ai Jenny Phamhi • San Bruno, California. Classics,

Departmental Honors Program

Julie E. Plummer • English

Logan Michael Posey • Anthropology

Thomas Christopher Ratcliffe • Carlisle, Massachusetts. Economics

**Clara E. Romani •** Portola Valley, California. History and French, Departmental Honors Program, with Distinction

Luke Harold Soon-Shiong • Los Angeles, California. Anthropology

Kyle J. Stowers • El Cajon, California. Communication

**Gabrielle A. Torrance •** Media, Illinois. Public Policy, Departmental Honors Program



#### Bachelor of Arts

DEGREES CONFERRED JANUARY 7, 2021

Maya Shivani Acharya • History

Bilqiis Agbere • History

**Emily Frances Alice Arbuthnott** • Harpenden, United Kingdom. Economics, Departmental Honors Program, with Distinction

Nicholas Loveday Becker • Mill Valley, California. Psychology

Hannah L. Boyd • Lexington, Illinois. Human Biology

**Maya Nell Burke •** Frankfort, Kentucky. Comparative Studies in Race and Ethnicity, Interdisciplinary Honors Program in Comparative Studies in Race and Ethnicity

Michelle Cen • Science, Technology, and Society

Ethan Zachary Lim Chua • Metro Manila, Philippines.

Anthropology, Departmental Honors Program, with Distinction

Andrew Hari Dallakoti • Littleton, Colorado. Economics
Diego Dew • San Mateo, California. Political Science, with
Distinction

Alice Juliette Dow • Atherton, California. Political Science

Torrie Eagle Staff • Portland, Oregon. Anthropology

Aulden Gabrielle Foltz • Wilton, Connecticut. Classics

Julie A. Fukunaga • Lodi, California. Sociology

**Nahla Oriane Gedeon Achi •** Meribel, France. International Relations

Nicole Marie Gibbs • Economics

Connor Gilmore • Los Angeles, California. Art History

**Eden Hailemichael •** Lawrenceville, Georgia. Human Biology

**Benjamin Thomas Hallock •** Westlake Village, California.

Lyndsay Anne Holley • International Relations

Daniel D. Huang • Dallas, Texas. Economics

**Timothy James Isaacs •** San Mateo, California. History

Marc Philip Joshua • Menlo Park, California. Economics

Emily Victoria Jusuf • Scarsdale, New York. Comparative Literature

**Mehr Kumar** • Chantilly, Virginia. Feminist, Gender, and Sexuality Studies, Departmental Honors Program

otadies, Departmental Honors Frogram

Kathleen Genevieve Ledecky • Bethesda, Maryland. Psychology Christopher Won Jae Lee Choi • Santiago, Chile. Psychology and Economics

Mia Marcedes Leonard • Psychology

Merlin Ganter MacGillivray • Cedar Falls, Iowa. Urban Studies

Lavanya Mahadevan • Palo Alto, California. Art Practice

Alexander Jack McKirgan • Chichester, United Kingdom.

Economics, Departmental Honors Program

Luke Charles Muller • Fort Pierce, Florida. History

**Steven Kyle Newman •** Sunnyvale, California. International Relations

**Rachael Nicol** • Pittsburgh, Pennsylvania. Psychology, Interdisciplinary Honors Program in Arts

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for Spring Quarter are accurate as of June 8, 2021 after the application to graduate deadline. Confirmation of degrees conferred on June 13, 2021 may be requested from the Office of the University Registrar after June 17, 2021. Contact the Office of the University Registrar in the event of any questions or discrepancies.

**Hieu Minh Pham •** Viet Nam. Art Practice, Departmental Honors Program

**Victoria Lauren Pulcifer** • Theater and Performance Studies **Jordan Reese Raney** • Manhattan Beach, California. Human Biology

Foster Dane Sarell • graham, Washington. Political Science Matthew Allen Shimura • San Francisco, California. Film and Media Studies

**Eliza Sophia Steffen •** Columbus, Ohio. Political Science, Departmental Honors Program

**Scott R. Stevens •** Atherton, California. English, with Distinction

**Erin Hall Stoodley •** Ventura, California. English

Jarku Tarvos Tang • Ottawa, Canada. Philosophy

Taylor Ashley Taweel • Menlo Park, California. Psychology

Wint Thazin • Pyinmana, Myanmar. Anthropology

Craig Douglas Thompson • Political Science

Fiorella Alexandra Villar • Eastchester, New York. Philosophy

**Grace Wallis •** San Marino, California. Human Biology, Interdisciplinary Honors Program in Arts

**Connor Bryce Wedington •** Sumner, Washington. Science, Technology, and Society

Emily Anne Wilder • Phoenix, Arizona. History

**Bennett Robert Williams •** Laguna Niguel, California. Political Science

**Dalton Earl Young •** Nine Mile Falls, Washington. Communication **Tenzin Yeshi Wangdak Yuthok •** Chicago, Illinois. Human Biology and Comparative Studies in Race and Ethnicity

**Yulou Zhou •** Yueyang, China. Linguistics, Departmental Honors Program, with Distinction

## Bachelor of Arts

**DEGREES CONFERRED APRIL 1, 2021** 

**Lane Rachel Baker •** Park City, Utah. Political Science, with Distinction

**Tristan Robert Beck •** Corona, California. Science, Technology, and Society

**Dylan Alexander Boles •** Van Meter, Iowa. Political Science **Caitlin E. Brown •** Thousand Oaks, California. Psychology and American Studies

**Kent Curtis Casimir •** St. Thomas, Virgin Islands. Political Science **Michaela Jane Coleman •** Short Hills, New Jersey. English, Departmental Honors Program

**Alyssa Kristen Farrow** • Pendleton, Oregon. Psychology **Talia Flores** • Comparative Studies in Race and Ethnicity **Catherine W. Gao** • San Jose, California. Human Biology, with Distinction

**Redeat Hailu Gebeyehu •** Addis Ababa, Ethiopia. Human Biology **Jared Dennis Gilbey •** New York, New York. Political Science

**Annika Hansen •** Price, Utah. Human Biology **Stuart Michael Head •** Woodstock, Georgia. Political Science

David King Jemison • Lookout Mountain, Tennessee. History, with Distinction

Michaela JoAnn Keefe • Los Angeles, California. Political Science, with Distinction

Rachel Lam • Seattle, Washington. Psychology

**Walker Douglas Little •** Houston, Texas. Communication **Jessica Andrea Luo •** Palo Alto, California. Philosophy and Religious Studies, with Distinction

**Catarina Macario •** Communication

**Jenna Rose Mayer** • Poway, California. Art Practice and Communication

Luke Daniel Miller • Moscow, Idaho. Public Policy

**Davis Compton Mills •** Duluth, Georgia. Science, Technology, and Society

**Chelsea Red-Horse Mohl •** Huntington Beach, California. Communication

Thebe Kutlwano Moloko • Cape Town, South Africa. Economics
Ty Anthony Montgomery II • Dallas, Texas. Political Science
Jacob Austin Morrow • Bentonville, Arkansas. Political Science
Darius Hassan Namazi • Onalaska, Wisconsin. Political Science,
with Distinction

**Sunho Paik** • English, Departmental Honors Program, with Distinction

David K. Rathmann-Bloch • Economics

**Christian Anton Robinson** • Melbourne, Florida. Psychology **Anna McKillion Salamone** • Spring Lake, New Jersey. Psychology **Margaret Schult** • Portsmouth, Rhode Island. Political Science

**David Robert Snyder •** McAllen, Arizona. History

Ashley Song • Sugar Land, Texas. Economics

Timothy John Tawa • West Linn, Oregon. Communication
Anthony Trinh • Duluth, Georgia. Political Science and Sociology

**Austin Weiermiller •** Economics

Mimi Kei Werdegar • English, with Distinction

**Emery Uriah Whitfield •** Albuquerque, New Mexico. Comparative Studies in Race and Ethnicity

Jiayi Zhao • Psychology

### Bachelor of Arts

**DEGREE CANDIDATES, JUNE 13, 2021** 

**Jake Anthony Adams •** Coral Springs, Florida. Economics, Departmental Honors Program

**Julia Belle Adams** • Feminist, Gender, and Sexuality Studies, Departmental Honors Program

Matan Sarel Adelson • Las Vegas, Nevada. Economics
Kamil Cyprian Aftyka • Konarzyny. Poland. Philosophy

**Adesuwa Agbonile •** Economics, Interdisciplinary Honors Program in Arts

**Melda Evrenol Alaluf •** Istanbul, Turkey. Political Science and Economics, Departmental Honors Program

Adamari Alamillo • Fountain, Colorado. Psychology

**Arielle Továh Algaze** • San Diego, California. Art History, Departmental Honors Program, with Distinction

Olivia Louise Ames • Pittsburgh, Pennsylvania. Political Science Cristina Maria Ammon • Las Vegas, Nevada. Urban Studies

**Isabella Ampil •** White Plains, New York. English, Interdisciplinary Honors Program in Arts

**Isis Anderson •** New Haven, Connecticut. African and African American Studies and Science, Technology, and Society, Departmental Honors Program, with Distinction

**Mea Anjelica-Rue Anderson •** Lorton, Virginia. African and African American Studies

**Ruben Anguiano •** Los Angeles, California. Urban Studies **Olivia Loretta Arballo-Saenz •** Spokane, Washington. Comparative Studies in Race and Ethnicity

**Jose Joaquin Arcega-Whiteside •** inman, South Carolina. International Relations

**Jonathan Ayson •** Whittier, California. Political Science

Nicole R. Bauer • Sebewaing, Michigan. Political Science

**Sophia Elise Beauvoir •** Simi Valley, California. Science, Technology, and Society, Departmental Honors Program

**Brendan T. Beck •** Corona, California. Science, Technology, and Society

**Hannah Eve Beek •** Warwick, Bermuda. Psychology, Departmental Honors Program

**Nizhoni Camille Begay** • Los Angeles, California. Political Science **Nicholas Edmond Bernhardt-Lanier** • Bethesda, Maryland. Psychology

 $\textbf{Matthew K. Bernstein} \bullet \textbf{Edgemont}, \textbf{New York}. \ \textbf{English}$ 

**Angela Amalia Marion Black** • San Francisco Bay Area, California. Comparative Literature, Departmental Honors Program

Kiara Anna Boboff • San Francisco, California. Economics

**Roxanne Delphi Bonafont •** Austin, Texas. English, Departmental Honors Program

**Leila Gallardo Braganza ·** Marina, California. Political Science, Departmental Honors Program

Nathaniel Jacob Braun • Cincinnati, Ohio. History

Maia Elizabeth Brockbank • Denver, Colorado. Political Science

Nicholas Luke Brueser • Chandler, Arizona. Economics

**Tate S. Burwell** • Atlanta. International Relations, with Distinction **Johannes Michael Calloni** • Milan, Italy. International Relations **Gabrielle Sylvie Candes** • Stanford, California. Philosophy, with Distinction

**Cade Cannedy •** Taos, New Mexico. Political Science, Departmental Honors Program, with Distinction

**Lilli Kalani Wakinekona Carlsen •** Rancho Palos Verdes, California. International Relations

Jack A. Carney • Little Rock, Arkansas. Economics

Lucero Patricia Carrasco • San Antonio, Texas. Psychology

Darnell Quintin Carson • San Diego, California. Psychology

Maya Rangulu Caulfield • Portland, Oregon. English

Lorenzo Cervantes • Altadena, California. Economics

**Kartik Chandra** • Palo Alto, California. English, Departmental Honors Program, with Distinction

**Ryan Dhruv Chandra •** Los Altos, California. Public Policy, with Distinction

Stephanie Rui Chang • Houston, Texas. Human Biology Wajih-Ur Rahman Chaudhry • History

**Daniel Shan-Shea Chen •** Psychology, Departmental Honors Program

**Kai Xiao Chen •** Economics, Departmental Honors Program, with Distinction

**Rong Shen Chen •** Feminist, Gender, and Sexuality Studies

**Kathryn Rose Churchill •** Somerville, Massachusetts. International Relations and Spanish, Departmental Honors Program

**Marcela Vanessa Cisneros •** Pico Rivera, California. Comparative Studies in Race and Ethnicity

**Emma Jeanne Metzger Clark •** Bellingham, Washington. Psychology, Interdisciplinary Honors Program in Education, with Distinction

**Lauren Victoria Clark** • San Diego, California. American Studies, Interdisciplinary Honors Program in Arts

**Carter Burrall Clelland •** Phoenix, Arizona. International Relations, Interdisciplinary Honors Program in International Security Studies, with Distinction

**Sophia Rose Colello •** Archaeology and Classics, Departmental Honors Program

Jeremiah Daniel Coleman • Granada Hills, California. Economics Carson Phillip Conley • Greenville, Indiana. Economics

**Grace Connor • Psychology and English** 

**Grace Connor** • English and Psychology

**Grace Kathryn Cotter •** Seattle, Washington. Psychology, Departmental Honors Program

**Chante Simone Cottman •** Fair Oaks, California. Feminist, Gender, and Sexuality Studies

**Foster James Cournoyer Hogan** • Rosebud Reservation, South Dakota. Native American Studies

**Rachel Rebecca Cowan •** Cherry Hills Village, Colorado. Science, Technology, and Society, Departmental Honors Program

**Kyle Vikram D'Souza •** Sicklerville, New Jersey. Sociology, Departmental Honors Program

Jasmin Lopez Tang Dalsgaard • Malaysia. Economics

Jenny Dao • Ladera Ranch, California. Human Biology

**Matthew Edward Dardet** • Boca Raton, Florida. Political Science, Departmental Honors Program, with Distinction

Aayan Das • Kolkata, India. Economics and East Asian Studies

**Claire Margot Dauge-Roth •** Bath, Maine. Comparative Literature, Interdisciplinary Honors Program in Feminist, Gender, and Sexuality Studies, with Distinction

**Benjamin Harley Davidson •** Marietta, Georgia. Religious Studies, Departmental Honors Program, with Distinction

**Daejon Kristofer Davis** • Seattle, Washington. Communication **Obed A. De la Cruz** • Naranjito, Puerto Rico. Theater and Performance Studies, Interdisciplinary Honors Program in Arts, with Distinction

Kaitlyn Sommer DeRudder • Rolling Hills Estates, California. Economics

**Noah Spencer DeWald •** San Francisco, California. Art Practice, Departmental Honors Program

**Christine Rose Decker •** Palos Verdes Estates, California. History, Departmental Honors Program, with Distinction

**Emily Diane Delleman •** Davenport, Iowa. Human Biology **Claire Lia Dinshaw •** Connecticut. Economics, Departmental Honors Program

**Maria Lorena Diosdado •** Frisco, Texas. Art Practice, Departmental Honors Program

**Montana Marie Dixon •** Lakewood, California. Psychology and Communication

**Karissa Xinyue Dong ∙** Saratoga, California. History, Departmental Honors Program

**Katherine Lily Du •** Darien, Connecticut. Economics, with Distinction

**Yibing Du •** History, Departmental Honors Program, with Distinction

**Mustafa Ugur Dursun •** Izmir, Turkey. Communication

Madeliene Sharon Dwyer • Orange, California. American Studies

Kevin Robert Edwards • Wichita, Kansas. Communication Emalia Mist Eichelberger • Honolulu, Hawaii. Human Biology

Leya Devorah Elias • San Francisco, California. Psychology

Sarah Morgan Engs • Ketchum, Idaho. History

**Madelyn Nicole Faul** • Los Gatos, California. Urban Studies, with Distinction

**Acassia N. Ferguson •** Christiansted, Virgin Islands (U.S.). International Relations

**Lauren Rose Fishman •** Newport Beach, California. Economics, Departmental Honors Program

**Nicolas Fishman •** Washington, District of Columbia. Sociology, Departmental Honors Program, with Distinction

**William Carter Flemming •** Providence, Rhode Island. Spanish **Celine Margaret Foster •** West Bloomfield, Michigan. Science, Technology, and Society

**Jordan Douglas Fox •** Plainfield, New Jersey. Political Science **Lilith Anne Frakes •** Clarion, Pennsylvania. Comparative Literature and Anthropology

Johanna Francis • Santa Monica, California. Political Science Victoria Frances Franco • Psychology and Spanish, Departmental Honors Program

**Kory Jamal Gaines •** Washington, District of Columbia. Political Science and African and African American Studies, Departmental Honors Program

**Elias Clark Merrick Galvez-Arango •** Fountain Valley, California. Urban Studies, Departmental Honors Program, with Distinction

Raul Humberto Garcia Letona • Managua, Nicaragua. International Relations

Jacqueline Ariel Garcia Peraza • Orange, California. Art Practice Joshua S. Garnett • Puyallup, Washington. Human Biology Winifred A. Garvey • Comparative Literature

Axel Geller • Pilar, Argentina. Economics

**Jonah Gerard-Grossman** • San Francisco, California. Sociology, with Distinction

**Caroline Elizabeth Ghisolfi •** Milano, Italy. Communication, Departmental Honors Program

Joseph Holden Gibbons • Shaker Heights, Ohio. Psychology Connor Michael Goodson • Monterey, California. History Nathan Gordon • Rigby, Idaho. Slavic Languages and Literatures and Sociology

Victoria Grace Gresbach • Sarasota, Florida. Human Biology Armelle Marie-Naniette Grondin • London, United Kingdom. Economics, Departmental Honors Program

Imanni Grullon • Lawrence, Massachusetts. Art Practice Elena Ann Haase Cox • Mill Valley, California. Psychology

**Ascabena Tadesse Habtamu •** Anthropology, Departmental Honors Program

**Sabrina Halper •** Los Angeles, California. Science, Technology, and Society

**Matthew Hamilton •** Palo Alto, California. Economics, Departmental Honors Program

Irene Han • San Jose, California. English, Departmental Honors Program, with Distinction

Carling Suzanne Hank • Chicago, Illinois. Economics

Kiara Luyando Harding • International Relations

**Chloe Louise Harris •** Los Angeles, California. Comparative Studies in Race and Ethnicity

**Constanza Becker Hasselmann •** Sociology, Departmental Honors Program

**Antonia Theodora Hellman •** New York, New York. Political Science and Economics, with Distinction

**Katherine Lily Hellman •** Santa Monica, California. Science, Technology, and Society

**Fiona Kim Henderson •** Boston, Massachusetts. History, with Distinction

**Alexandra Bingham Hennessy •** Oak Brook, Illinois. Economics **Melinda Hernandez •** Chicago, Illinois. Urban Studies, Departmental Honors Program

**Rocio Hernandez •** Oakland, California. American Studies **Barbara Hernandez Cantu •** Monterrey, Mexico. Psychology and International Relations, Departmental Honors Program

Carla Jane Ho · Alameda, California. Sociology

**Natalie F. Hojel •** Science, Technology, and Society, with Distinction **Christian Thomas Holmes •** Parker, Texas. History

Heejin E. Hong • Economics

**Felicia Hou •** Roslyn Heights, New York. Science, Technology, and Society

Madison Sierra Houston • Houston, Texas. Human Biology Noah William Howard • Sacramento, California. Political Science Zhenqi Hu • Singapore, Singapore. International Relations, with Distinction

**Tianyi Huang •** Shanghai, China. Classics, with Distinction **Yeh-Tang Huang •** Taichung City, Taiwan. Comparative Literature **Zhuoying Huang •** San Jose, California. Public Policy and Economics, Departmental Honors Program

**Julia Megan Ingram** • New York, New York. English, Interdisciplinary Honors Program in Arts

**David Michael Jaffe •** Mesa, Arizona. East Asian Studies, Departmental Honors Program

**Kira Jan •** San Clemente, California. English, with Distinction **Jaylen Mario Jasper •** Annapolis, Maryland. Psychology and Political Science

**Jiyoung Jeong •** Newton, Massachusetts. History, Departmental Honors Program, with Distinction

Diane Wenting Jiang • Fremont, California. Economics

Dylan Augustin Johnson • Tualatin, Oregon. Economics

Ryan Alexander Johnson • Mobile, Alabama. Economics

Sonja Qijing Johnson-Yu • Kirkland, Washington. Music,

Departmental Honors Program

Anne Helene Joyce • Morton, Pennsylvania. Human Biology Eunice D. Jung • Oakland, California. Anthropology and International Relations, Interdisciplinary Honors Program in Feminist, Gender, and Sexuality Studies, with Distinction

**Dylan Michael Junkin •** Doylestown, Pennsylvania. International Relations, Interdisciplinary Honors Program in International Security Studies

Margot Claire Kaiser • Ridgewood, New Jersey. English Jeanette Mina Kaleikau-Buxton • Metlakatla, Alaska. English Emma Angelina Mahealani Kane • Kailua, Hawaii. Science, Technology, and Society

**Justine Yuko Kaneda** • Human Biology, Interdisciplinary Honors Program in Arts, with Distinction

**Emily Rose Kaperst •** Washington, District of Columbia. Political Science and Sociology

**Lina R. Karamali** • Palo Alto, California. Comparative Studies in Race and Ethnicity

Kassidy Capri Kelley • Atlanta, Georgia. English

Taylor Webb Kendall • Weston, Connecticut. Economics

**Thakur Kharel** • Little Canada, Minnesota. International Relations **Kaitlyn Marie Khayat** • San Marcos, California. American Studies and Theater and Performance Studies

**Kennedy Wohlford Kidd •** Stanford, California. Science, Technology, and Society

**Nathalie Anne Kiersznowski •** Kansas City, Kansas. Economics, Interdisciplinary Honors Program in International Security Studies, with Distinction

Max Kilberg • Greenwich, Connecticut. Economics

Dongeun C. Kim • English

Kaila Minji Kim • Rancho Palos Verdes, California. Economics

Min Gu Kim • Korea. Economics

**George Eustis Stephenson Kingston •** Park City, Utah. Political Science

**Sarah Priya Kratzer** • Urban Studies, Departmental Honors Program, with Distinction

Rachael Yoon Ah Ku • Public Policy

**Caroline Christina Kushel •** Mamaroneck, New York. Communication

Taylor Lallas • Los Angeles, California. Economics

**Alexander Lam •** Los Altos Hills, California. Philosophy and Religious Studies and Economics, Interdisciplinary Honors Program in Ethics in Society

**Alexandra Zoe Landauer** • Philosophy and Comparative Literature, Departmental Honors Program

**Jacob Matthew Langsner •** Las Vegas, Nevada. Political Science, with Distinction

**Khuyen Nha Le** • Ho Chi Minh City, Viet Nam. Comparative Literature, with Distinction

**Julia Lebovitz •** Weston, Massachusetts. Psychology, Departmental Honors Program

**Heajune Lee •** Sunnyvale, California. International Relations, Interdisciplinary Honors Program in International Security Studies, with Distinction

**Jungin Angie Lee •** Naperville, Illinois. English, Departmental Honors Program, with Distinction

**Kelly-Ann Lee •** Singapore, Singapore. Economics

**Max Liu Lee •** Canfield, Ohio. Public Policy, Departmental Honors Program, with Distinction

**Les Daniel Levy •** Kenner, Louisiana. Political Science, Departmental Honors Program

**Galen Grace Lew •** Glen Ridge, New Jersey. Science, Technology, and Society

Christina Li • San Diego, California. Economics

Enoch Joshua Li • Potomac, Maryland. Economics

Amanda Lim • Simsbury, Connecticut. International Relations

Elizabeth Anne Lindqwister • Peoria, Illinois. History,

Departmental Honors Program, with Distinction

**Jasmine Liu** • Santa Clara, California. Anthropology, Departmental Honors Program

**Mika Yen-Sho Liu •** Beverly Hills, California. East Asian Studies, Departmental Honors Program

**Denise Lopez Sosa •** Bakersfield, California. Psychology, Departmental Honors Program

Melissa Loupeda • Sacramento, California. Public Policy

Jacklyn Ha Luu • Milpitas, California. Psychology

**Sophia Lavin Lynn •** Venice, California. Science, Technology, and Society, Departmental Honors Program

Emily Mam • Oxnard, California. Economics

Sanjeev kumar Mamallapuram Sathish • Psychology

Dante Joseph Mangiaracina • Economics

**Dean Harrison Porges Manko •** Haverford, Pennsylvania. Linguistics and Psychology, Departmental Honors Program, with Distinction

Nikhil Raj Marda • Rochester, Minnesota. Political Science, Departmental Honors Program

**Vibhav Ravindra Mariwala •** Bombay, India. History, Departmental Honors Program

Kahlan Rebekah Martin • Houston, Texas. Political Science Janet Martinez • Santa Ana, California. International Relations Ana Clara Martins Guimaraes • Belo Horizonte, Brazil. Political Science

**Nolan Edwards Matcovich •** Palo Alto, California. International Relations

**Walter Ivan May •** Hawthorne, California. Political Science **Cassidy M. McCleary •** San Clemente, California. English, with Distinction

**Lauren Nicole McLaughlin** • Menlo Park, California. Economics **Daniella Nicole McMahon** • Bardonia, New York. Science, Technology, and Society

**Emily Martha Mendoza •** Novato, California. Human Biology, Interdisciplinary Honors Program in Arts

Michael Joseph Mendoza • Cincinnati, Ohio. Philosophy Leia Jade Mermejo-Varga • Picuris Pueblo, New Mexico. English Nicholas Anthony Midler • Political Science

**Marisa N. Mission** • Las Vegas, Nevada. International Relations **Tenzin Tselha Moenbook** • Vancouver, Washington. Science, Technology, and Society

**Spencer Quinn Montague-Alamin •** Human Biology **Max Louis Moss •** Bethesda, Maryland. Human Biology, with Distinction

Elise Samantha Most • English

**Dumisile Melody Mphamba •** Harare, Zimbabwe. Human Biology **Hannah DeGeorge Mueller •** Pittsburgh, Pennsylvania. History, Departmental Honors Program, with Distinction

**Elizabeth Berry Muir** • Stanford, California. Communication **Nancy Victoria Munger** • New York City, New York. Art Practice, Departmental Honors Program, with Distinction

Robert Muni • Film and Media Studies

**Sarah Rebecca Myers •** Swarthmore, Pennsylvania. International Relations, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law, with Distinction

**Imani N. Ncube •** African and African American Studies, Departmental Honors Program

**Caroline Quinn Neave •** New York. Science, Technology, and Society, with Distinction

**Sara Grace Newman •** Buffalo, New York. English, Departmental Honors Program, Interdisciplinary Honors Program in Arts, with Distinction

Leanne Pui Yin Ng • Hong Kong. Psychology and Art Practice Niki Nhi Nguyen • Westminster, California. Political Science Christina Misaki Nikitin • Japan. Feminist, Gender, and Sexuality Studies and Comparative Literature, Departmental Honors Program Jacqueline Renee O'Neil • Richmond, Virginia. Political Science, Interdisciplinary Honors Program in Ethics in Society, with Distinction

**Jordan Oakes •** Seattle, Washington. International Relations **John Richard Oberholzer •** Oakland, California. African and African American Studies, Departmental Honors Program

**Allison B. Oddman •** Miramar, Florida. African and African American Studies, Interdisciplinary Honors Program in Arts

**John Oseitohanmen Okhiulu** • Oak Cliff, Texas. Human Biology and African and African American Studies, Departmental Honors Program

**Sarah Mackenzie Ondak •** Edmond, Oklahoma. Art Practice, Departmental Honors Program, with Distinction

**Emma Leslie Paddon •** Laguna Beach, California. English **Ana Carolina Paixao de Queiroz •** Sao Paulo, Brazil. Economics, Departmental Honors Program

**David Pantera** • Half Moon Bay, California. Economics **Elaine Park** • Psychology

Jennifer Park • Irvine, California. Science, Technology, and Society Aeron Alan Parks • Orcutt, California. English, with Distinction Ayesha Kamal Pasha • Aberdeen, United Kingdom. History, Departmental Honors Program, with Distinction

**Sofia Maria Jose Patino-Duque** • New York. German Studies and History, Departmental Honors Program, with Distinction

**William Robert Peek Jr. •** Tampa, Florida. Communication **Thomas Lee Pfeiffer •** Trumbull, Nebraska. Economics

Walker Guthrie Phillips • Economics

**Kiara Shaelene Pickett •** Santa Barbara, California. Communication

**Eliza Lerner Pink •** Washington, District of Columbia. English, Departmental Honors Program

**Cass Clemens Plowman •** Austin, Texas. History and Classics, Departmental Honors Program

**Aarthi Kishin Popat •** Menlo Park, California. Psychology, Departmental Honors Program

Allison Jennifer Pope • Los Altos, California. Psychology, Interdisciplinary Honors Program in Education, with Distinction Olivia Popp • Ann Arbor, Michigan. Science, Technology, and Society, Departmental Honors Program

Jordy Portillo • Washington, District of Columbia. Sociology

**Emilia Anna Porubcin •** Coal Valley, Illinois. History, Departmental Honors Program, with Distinction

**Anirudh Prabhu •** History, Departmental Honors Program, with Distinction

Elekos Gyasi Praxis • Austin, Texas. History

**Kyler Jacob Presho-Hartung •** San Clemente, California. Psychology

**Jonathan Mengchen Qi** • Austin, Texas. Psychology, with Distinction

Faris Issa Qubain • Miami, Florida. Economics

**Majd Quran •** Al-Bireh, Palestinian Territory, Occupie. Human Biology

**Grace Rabinowitz •** Cresskill, New Jersey. Human Biology, with Distinction

**Robert Murray Radecki** • Silver Spring, Maryland. Human Biology, with Distinction

Gopal Krishna Raman • Plano, Texas. Economics

**Arjun Srinivasan Ramani •** West Lafayette, Indiana. Economics, Departmental Honors Program

Julia Grace Raven • Napa, California. Psychology, with Distinction Krithi Reddy • Economics and Classics

**Jonah Elliot Reidel •** San Diego, California. Sociology, with Distinction

**Jassary Rico-Herrera** • Comparative Studies in Race and Ethnicity **Christopher Lavere Rielage** • Fairfax, Virginia. East Asian Studies, Departmental Honors Program

**Kevin Riera** • Minneapolis, Minnesota. Anthropology, Departmental Honors Program

Valeria Rincon • Lawrenceville, Georgia. Political Science

**Melissa Natalie Rivera •** Lawndale, California. Comparative Studies in Race and Ethnicity

Sam Rayfield Roach • Los Angeles, California. Art History, with Distinction

**Danna Marisol Rodriguez •** San Ysidro, California. Political Science and Urban Studies, Departmental Honors Program

Nicolas Fernando Rodriguez • Brownsville, Texas. Political Science Katharine Celia Russell Rubin • Seattle, Washington. Human Biology

Erik Sanchez Ruiz • Santa Maria, California. Psychology Anne Marie Ryschon • Omaha, Nebraska. Public Policy

**Hiroto Saito** • Chadds Ford, Pennsylvania. International Relations, Interdisciplinary Honors Program in Democracy, Development and the Rule of Law, with Distinction

Rodolfo Salazar • Rocky Mount, North Carolina. Urban Studies Sofia Isabel Sanchez-Luege • Santa Ana, California. Economics Shania S. Santana • Chicago, Illinois. Urban Studies

**Therese Anne Santiago •** Fresno, California. English, Departmental Honors Program

**Melissa Mae Santos •** Canoga Park, California. Psychology, Departmental Honors Program, with Distinction

**Josefa Theresa Santos-Powell •** History, Departmental Honors Program

**Anna Elizabeth Santulli •** Hinsdale, Illinois. American Studies **Joseph Patrick Sargent •** Comparative Literature

**Sanja Savic** • Belgrade, Serbia. Psychology and Slavic Languages and Literatures, with Distinction

**Valeria Sawers •** Comparative Studies in Race and Ethnicity and Sociology

**Hope Victoria Schmalzried •** Palos Verdes, California. English and Science, Technology, and Society, with Distinction

**Allison Jamie Schwartz** • Amsterdam, Netherlands. Human Biology **Hannah Margaret Scott** • Monrovia, California. Science, Technology, and Society, Departmental Honors Program

**Spencer Aaron Segal •** Moorpark, California. Economics **Jamie P. Seney •** Art Practice, Departmental Honors Program, with

Sophia Renee Serafin • Glendora, California. Political Science

Muskan Shafat • Srinagar, India. Political Science

**Will Shu-Lun Shao** • Classics, Departmental Honors Program **Zakaria M. Sharif** • Columbus, Ohio. Political Science, with

Zakaria M. Sharif • Columbus, Ohio. Political Science, with Distinction

**Dione Marie Sheehan •** Tehachapi, California. Economics

**Stephanie Shim** • History and East Asian Studies, with Distinction

Caleb J. Shongwe • Granada Hills, California. Economics

**Alfonso Benjamin Siam** • Belmont, California. Art Practice and Feminist, Gender, and Sexuality Studies, Departmental Honors Program, with Distinction

Katherine Silk • Economics

**Andrew Jacob Skelton •** San Mateo, California. Urban Studies, Departmental Honors Program

**Jonathan Herbert Sklar** • Manhattan Beach, California.

Philosophy, Departmental Honors Program

**Julia Skwarczynski** • Hood River, Oregon. Political Science, with Distinction

**Rebecca Branch Smalbach •** Corte Madera, California. Public Policy, with Distinction

**Angel Smith •** African and African American Studies, Departmental Honors Program

**William Maxwell Smith •** Owensboro, Kentucky. International Relations and French, Departmental Honors Program

**Indiana Lea Sobol** • Danvers, Massachusetts. History, Departmental Honors Program, with Distinction

**Serena Jimyn Soh •** Santa Barbara, California. Communication **Faatimah Rifaat Solomon •** Human Biology and African and African American Studies

**Chloe Elisabeth Chang Sorensen •** Stanford, California. Psychology, Departmental Honors Program, with Distinction **Alexess Sosa •** Big Spring, Texas. Human Biology, Departmental Honors Program

**Clara Spars •** Santa Rosa, California. English, with Distinction **Anastasia Spiridonova •** London, United Kingdom. Iberian & Latin American Cultures and French

**Chloe Frances Stoddard •** International Relations, Departmental Honors Program

Connor Gray Stubbs • Public Policy

Katrina Isabel Sturm • Davis, California. Psychology

**Yutong Sun •** Shanghai, China. Economics, with Distinction

**Emily Susan Surgent •** Manasquan, New Jersey. Communication and Sociology

 $\textbf{Emily Susan Surgent} \bullet \texttt{Manasquan}, \texttt{New Jersey}.$  Sociology and Communication

Sophia Hedy Susac • Sacramento, California. History

**Elizabeth M. Swanson •** Folsom, California. Linguistics and French, Departmental Honors Program, with Distinction

**William Lake Sweeney •** Larkspur, California. International Relations

**Peter Ramsay Thomas •** Irvine, California. History, Departmental Honors Program, with Distinction

**Muhammad Mustafa Khan Tikka •** International Relations, Departmental Honors Program

**John Edward Timony III •** Merrick, New York. International Relations and Economics

**Gabriel Henrique Toja** • São Paulo, Brazil. Psychology **Elinor Xingyue Toler** • St. Louis, Missouri. Psychology, with Distinction

**Shannen Orquidia Torres •** Bronx, New York. Comparative Studies in Race and Ethnicity, Departmental Honors Program

**Ciauna Thanh Nhu Tran •** Highlands Ranch, Colorado. Human Biology

**Sharon Wen Tran •** Baldwin Park, California. English, with Distinction

**Angeline Ai-Nhi Truong •** Pleasanton, California. Human Biology, with Distinction

**Aja Vivian Two Crows •** Los Angeles, California. Political Science **Gulin Ustabas •** Philosophy and Political Science, Interdisciplinary Honors Program in Ethics in Society, with Distinction

**Nitish Vaidyanathan •** International Relations, Departmental Honors Program

**Nicole Shandra Vakis •** Nicosia, Cyprus. Sociology

Aracely Maura Valencia • California. Political Science

**Panayiotis Vandris •** Worcester, Pennsylvania. Comparative Literature, with Distinction

Brenda Anissa Vera • Chula Vista, California. Human Biology Juan Paolo Vera • Economics

Alice Viera • Weston, Florida. English, with Distinction

Nicola Rae Vigil • Dulce, New Mexico. Anthropology

Vianna Vo • San Jose, California. Human Biology

**Anna Maris Pickering Takayo Walden • English** 

**Melina Z. Walling •** English, Interdisciplinary Honors Program in Arts

**Amanda Ying Wang •** Tucson, Arizona. Economics, Departmental Honors Program

Yanqiu Wang • Shenzhen, China. Economics, with Distinction

Yichun Wang • Shenzhen, China. Economics

**Erin Hartman Wenokur** • San Francisco, California. History, Departmental Honors Program, with Distinction

**Samara Emani Nicole Wesson •** Arlington, Texas. English, Interdisciplinary Honors Program in Arts

Alexa White • Murrieta, California. Economics

Michael Dylan Whittaker • St. Augustine, Florida. History

**Kiana Evette Williams •** San Antonio, Texas. Science, Technology, and Society

Bryce Wills • White Plains, New York. Sociology

Carolyn Jaise Wilson • Thousand Oaks, California. Political Science

Ryan Omar Wimsatt • Los Angeles, California. Economics

**Katherine Anne Wiseman •** Alexandria, Virginia. Science, Technology, and Society

**Kathryn Grace Wolfteich •** Alexandria, Virginia. Anthropology **Erin Kristen Woo •** Atlanta, Georgia. Communication, with Distinction

Daniel Shangpei Wu • Beijing, China. History

Vincent Wen-Kai Xie • Psychology

Rachael Kia Xiong • Jefferson, Georgia. Human Biology

**Jessica Kate Yeager •** Fort Worth, Texas. History, Interdisciplinary Honors Program in International Security Studies

**Julianna Genevieve Yonis** • Los Angeles, California. Theater and Performance Studies, Departmental Honors Program, with Distinction

**Jamayka Diamond Young •** Pleasantville, New Jersey. African and African American Studies, Departmental Honors Program

**Anqi Yu •** Grand Junction, Colorado. Film and Media Studies, Departmental Honors Program

Joceline Yu • Psychology, with Distinction

Mina Yuan • Maple Grove, Minnesota. Economics

**Corinne R. Zanolli •** Newtown Square, Pennsylvania. Political Science, Interdisciplinary Honors Program in International Security Studies

Caroline Chai Zhang • San Diego, California. Economics

**Serena Linna Zhang •** Lake Oswego, Oregon. International Relations

Allan Guoyao Zhao • Political Science

Dana Zhao • International Relations

**Jason Jin Zhao** • Austin, Texas. Philosophy, Departmental Honors Program, with Distinction

Annie Lee Zheng • Palatine, Illinois. Comparative Literature

Tiffany Zhu • Santa Clara, California. Economics, with Distinction



#### **Bachelor of Science**

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

Vanessa Arreola • San Francisco, California. Biology

Patrick D. Demichele • Lincolnshire, Illinois. Mathematics

Erin Marie Epp • Newport Beach, California. Biology

**Raymond Gilmartin** • South Pasadena, California. Mathematical and Computational Science, Departmental Honors Program

Santiago Gonzalez Sahab • Ciudad de México, Mexico. Physics

Adrian Y. Liu • San Diego, California. Mathematics, with Distinction

Milan Mosse • Pasadena, California. Mathematics

**Clarissa Bernice Scranage-Carter •** Richmond, Virginia. Symbolic Systems

Raymond Serrano • Bell Gardens, California. Science, Technology, and Society

**Dakota Donald Shaw • Symbolic Systems** 

**Stephanie Grace Sila •** Miami Beach, Florida. Biology,

Departmental Honors Program

Vamsi Venkata Jaya Varanasi • Apex, North Carolina. Physics

Chau Ngoc Hai Vo • Viet Nam. Chemistry

Ethan Patrick Wentworth • Human Biology

Anja Hope Zehfuss • Chicago, Illinois. Human Biology

Otto Zhen • Illinois. Symbolic Systems



#### **Bachelor of Science**

DEGREES CONFERRED JANUARY 7, 2021

**Valavan Ananthakumaraswamy •** London, United Kingdom. Symbolic Systems

**Nicole Birkner** • Escazu, Costa Rica. Symbolic Systems, Departmental Honors Program, with Distinction

**Laura Pearl Bryant •** Austin, Texas. Mathematical and Computational Science

**Seung Hye Choi** • Fresno, California. Biology, Departmental Honors Program

**Zolboo Chuluunbaatar •** Ulaanbaatar, Mongolia. Mathematical and Computational Science

**Ethan Cruikshank** • Symbolic Systems, Interdisciplinary Honors Program in Ethics in Society

Andrew Hari Dallakoti • Littleton, Colorado. Mathematics

**Sani Eskinazi •** Istanbul, Turkey. Biology, Departmental Honors Program, with Distinction

**William Nathaniel Genesen •** Rancho Mirage, California. Science, Technology, and Society

Andrew Joseph Hayden Jr. • Newton, Massachusetts. Biology Jared Wiley Hector • Bellevue, Washington. Symbolic Systems Emma Christine Higuchi • Los Angeles, California. Human Biology

Nicholas Paul Hirning • Mathematics and Physics

**Emily Victoria Jusuf •** Scarsdale, New York. Symbolic Systems **Madhulika Karra •** Los Altos, California. Symbolic Systems

Amrita Kaur • Clarksville, Maryland, Biology

William T. Kenney • Fargo, North Dakota. Symbolic Systems

**Brandon James Kier •** San Diego, California. Science, Technology, and Society

Jesha Paul Kihampa • Mathematics

**Gil Lorch Kornberg •** Science, Technology, and Society, Departmental Honors Program

**Komal Kumar •** Redwood City, California. Human Biology, Departmental Honors Program

**Sabrina Kuta •** Los Gatos, California. Biology, Departmental Honors Program

Jacie Lee Lemos • Rye, New Hampshire. Human Biology

Suzy Lou • Mathematics, with Distinction

**Laura Alejandra Mediorreal •** Katy, Texas. Science, Technology, and Society

**Shuxin Meng •** China. Symbolic Systems

**Emma Graham Morris** • Los Altos Hills, California. Science, Technology, and Society

Marcus Vilhelm Palsson • Malmö, Sweden. Mathematics

Rushali Patel • Ahmedabad, India. Biology

**Christopher Hogan Peisch •** Symbolic Systems

**Ariana Amina Qayumi •** Gilbert, Arizona. Symbolic Systems **Shannon Christy Richardson •** Los Gatos, California. Human Biology, Departmental Honors Program, with Distinction

**Brittany A. Stinson •** Wilmington, Delaware. Human Biology **Axelle Talma •** Paris, France. Science, Technology, and Society

**Arjun Tambe • Symbolic Systems** 

**Ella Marie Hynes Tessier-Lavigne •** Stanford, California. Symbolic Systems

**Jonathan Michael Worley •** San Diego, California. Human Biology **Emily Zhang •** Boyds, Maryland. Symbolic Systems



#### **Bachelor of Science**

DEGREES CONFERRED APRIL 1, 2021

Rachel S. Anders • Sandy, Utah. Human Biology

**Laura Chavez Anderson •** Washington, District of Columbia. Biology

Kidest Tadele Anley • Aurora, Colorado. Physics

Max Joseph Arseneault • Redondo Beach, California. Physics

**Lilia V. Chang •** Weston, Massachusetts. Mathematical and Computational Science

**Daniela Melissa Chang Foxon Wong •** Lima, Peru. Science, Technology, and Society

Chloe Meta Chemtob • Palm Coast, Florida. Human Biology

**Alana Simone Cook •** Symbolic Systems

Dylan D. Cooper • Bethalto, Illinois. Human Biology

**Victoria S. Ding •** Saratoga, California. Symbolic Systems, with Distinction

Katherine Grace Drabot • Cedarburg, Wisconsin. Human Biology Keith Berry Eicher • Saint Paul, Minnesota. Mathematical and Computational Science

Jack Benjamin Foster • Highland Park, Illinois. Physics

Kevin Shengyi Huang • Ellicott City, Maryland. Physics

 $\textbf{Javarcia Davon Ivory} \bullet \textbf{Clinton}, \textbf{Mississippi. Biology}, \textbf{Departmental Honors Program}$ 

**Samuel Alejandro Jacobo •** Riverside, California. Chemistry

Cosima Charlotte Justus • Germany. Mathematics, with Distinction

**Louie D. Kam • Mathematical and Computational Science** 

**Sophia Grace Kazmierowicz •** San Diego, California. Mathematical and Computational Science

Minsuk Kim • Seoul, Korea. Mathematics

**Madeline Marie Lauinger •** Philadelphia, Pennsylvania. Human Biology

**Belinda Chufan Mo•** Irvine, California. Symbolic Systems **Katherine Michaela Moldow•** Menlo Park, California. Human

**Brian Patrick Mahoney Morris •** Bethesda, Maryland. Mathematics, with Distinction

**Jack Tiernan O'Brien •** Broomfield, Colorado. Science, Technology, and Society

**Logan Charles Panchot •** Wildwood, Missouri. Science, Technology, and Society

Nana Ansuah Peterson • Accra, Ghana. Biology

Eli J. Pugh • Rochester, Indiana. Mathematics

**Megumi Sano •** Tokyo, Japan. Mathematical and Computational Science, Departmental Honors Program, with Distinction

Harry Sha • Mathematics, with Distinction

**Henry Franklin Shimp •** Charlotte, North Carolina. Science, Technology, and Society

**Andrea Shulman •** Wellington, Florida. Symbolic Systems

Anika Lall Sinha • San Jose, California. Human Biology

Jovanni Paolo Stefani • Physics

**Nicole Sabina Ticea •** Burnaby, Canada. Physics, Departmental Honors Program, with Distinction

**Charles Allen Wehan** • Laguna Niguel, California. Science, Technology, and Society



#### Bachelor of Science

**DEGREE CANDIDATES, JUNE 13, 2021** 

**Esteban Miguel Hernandez Abbate •** Tracy, California. Science, Technology, and Society

**Shashank Tej Addagarla •** Reno, Nevada. Mathematics and Computer Science

**Danya Adib-Azpeitia •** Redwood Shores, California. Symbolic Systems

**Julian Lee Aguilar •** Alameda, California. Human Biology, Departmental Honors Program

**Ahmed Mohamed Ahmed •** Mathematical and Computational Science, Departmental Honors Program

Jonathan Kweku Akaba • Accra, Ghana. Mathematics

Catherine Claire Alder • Mountain View, California. Human Biology

Arlene Janille Aleman • South Gate, California. Physics

**Aaron Altman • Mathematics** 

Vardhaan Sai Ambati • San Jose, California. Biology

Kai-Siang Matthew Ang • Mathematics, with Distinction

**Andrew Peter Aprahamian •** West Chester, Pennsylvania. Science, Technology, and Society

Luis Arreola • El Sobrante, California. Biology

**Sofia Miranda Avila Jamesson •** Monterrey, Mexico. Symbolic Systems, Departmental Honors Program, with Distinction

**Macalister Michael Bagwell •** Appleton, Wisconsin. Mathematical and Computational Science

**Nicholas Vincent Barber •** San Diego, California. Symbolic Systems **Jeremy Ephron Barenholtz •** Mathematics

**Quinn M. Barry •** Southport, Connecticut. Symbolic Systems, Departmental Honors Program

Michael B. Basili • Orinda, California. Symbolic Systems

Grace Nichole Beasley • Fort Worth, Texas. Human Biology

Jacob Seth Bedia • West Des Moines, Iowa. Mathematics and Chemistry, with Distinction

Kevin Ray Begay • Shiprock, New Mexico. Biology

Chady Ben Hamida • Ezzahra, Tunisia. Mathematics

**Shane Michael Berger •** Corona, California. Symbolic Systems

**Foster Birnbaum •** Anchorage, Alaska. Biology, Departmental Honors Program, with Distinction

**Sabina Eleanor Blankenberg •** Portola Valley, California. Symbolic Systems

**Callum E. Bolger •** San Luis Obispo, California. Human Biology, with Distinction

**Sidharth Bommakanti** • Pleasanton, California. Human Biology **Noah Tin-yu Brazer** • Petaluma, California. Biology, with Distinction **Julianna Brunello** • Santa Maria, California. Biology, Departmental Honors Program

Will Burke • Sacramento, California. Chemistry

Marie Cleone Burnett • Salt Lake City, Utah. Human Biology Georgiana McDermott Burnside • Little Rock, Arkansas. Biology Cameron Scott Anton Burton • Montego Bay, Jamaica. Biology John Butchko • Santa Monica, California. Human Biology, Departmental Honors Program

**Austin Song Cai •** San Jose, California. Symbolic Systems **Gabrielle Sylvie Candes •** Stanford, California. Mathematical and Computational Science, with Distinction

**Frances Carstens** • Somerset West, South Africa. Human Biology **Annette Chang** • Human Biology, Departmental Honors Program **Sabrina Chao** • Human Biology

**Annie Shao Chen •** Boulder, Colorado. Mathematics, with Distinction

**Rebecca Christensen •** Bend, Oregon. Biology, Departmental Honors Program

Ima Maleah Sarai Christian • Atlanta, Georgia. Science, Technology, and Society

**Rebecca Cohen •** Ross, California. Mathematical and Computational Science

**Matthew Jared Colón •** Summit, New Jersey. Mathematical and Computational Science, with Distinction

**Sarah Ann Commesso •** Tiburon, California. Human Biology **Madison Elizabeth Connell •** Vancouver, Canada. Science, Technology, and Society

**Tyler Alan Consigny •** Waukesha, Wisconsin. Symbolic Systems **Julia Rose Cornacchia •** Darien, Connecticut. Science, Technology, and Society, Departmental Honors Program

**Richard Gresham Correro •** Senatobia, Mississippi. Mathematical and Computational Science

**Kyle Vikram D'Souza •** Sicklerville, New Jersey. Mathematical and Computational Science

**Oscar Leon Da Silva ·** Munich, Germany. Biology, Departmental Honors Program

**Catelyn Rian Davis •** Henderson, Nevada. Symbolic Systems **Sophie Marie Decoppet •** Milan, Italy. Mathematics and Physics, Departmental Honors Program

**Elizabeth Diaz-Jacobo •** East Palo Alto, California. Science, Technology, and Society

**Justin Dieter •** Colorado Springs, Colorado. Mathematics

Ella Jane Donaghu • Portland, Oregon. Human Biology Rhys Hill Duarte • Leonardtown, Maryland. Biology

**Jackson Graham Eilers** • St. Louis Park, Minnesota. Mathematical and Computational Science, Departmental Honors Program

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Elena Lee Felix • Buena Park, California. Symbolic Systems

**Allan Feng •** Vestavia Hills, Alabama. Biology, Departmental Honors Program, with Distinction

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**Katherine Judith Formico •** Saratoga, California. Science, Technology, and Society

**Sara Frigui** • Louisville, Kentucky. Chemistry, with Distinction **Jessica Fry** • Physics

**Isabella Catherine Teresa Fulford** • London, United Kingdom. Mathematical and Computational Science, Departmental Honors Program, with Distinction

**Sophia Paloma Gamboa •** San Diego, California. Human Biology, Departmental Honors Program

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Victoria Ge • Jacksonville, Florida. Mathematics

**Jared Matthew Geller •** Sea Ranch Lakes, Florida. Mathematical and Computational Science, with Distinction

Selwin Parangimalil George • Mathematics

**Nicholas Rustam Gessner •** Coventry, Rhode Island. Biology, Departmental Honors Program

Katherine Anna Gjertsen • Winnetka, Illinois. Symbolic Systems Kathryn Anne Glavinovich • Laguna Beach, California. Human Biology

**Jesus Omar Gomez** • Lancaster, California. Human Biology **Julia Gong** • Cary, North Carolina. Mathematical and Computational Science, with Distinction

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Beck Quinn Goodloe • Austin, Texas. Chemistry

Jade Okute Win Goodwill • Window Rock, Arizona. Science, Technology, and Society, Departmental Honors Program Michaela Danielle Gordon • Saratoga, California. Science, Technology, and Society

**Edwin Smith Graham •** Graham, Texas. Mathematics **Jacob Joseph Greene •** Edmonds, Washington. Biology, Departmental Honors Program

Quinn R. Greicius • Mathematics, with Distinction

**Anshul Prakash Gupta •** Alpharetta, Georgia. Mathematical and Computational Science

**Sahil Gupta •** Englewood Cliffs, New Jersey. Mathematical and Computational Science

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Justin L. Henson • Perris, California. Human Biology

Olivia Shizu Higa • San Jose, California. Symbolic Systems

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**Lauren Marie Hinkley •** Thousand Oaks, California. Human Biology, Departmental Honors Program

**Megan Alyssa Hirsch** • Portola Valley, California. Human Biology **Elyssa Frances Hofgard** • Louisville, Colorado. Physics, Departmental Honors Program

**Heejin E. Hong •** Symbolic Systems

**Lucas Whitaker Hornsby •** New York, New York. Symbolic Systems **Colin C. Howe •** White Salmon, Washington. Physics

**Jared David Ju Hysinger •** San Francisco, California. Biology, Departmental Honors Program

**Francesco Maria Gabriele Insulla •** Milan, Italy. Mathematical and Computational Science and Physics, Departmental Honors Program

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**Sarah Grace Johnson •** Lincoln University, Pennsylvania. Human Biology

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**Jocelyn Lillian Kang •** Mason, Ohio. Symbolic Systems, with Distinction

**Dillon Patrick Kanne •** Mathematics, Departmental Honors Program, with Distinction

Ruhi Kanwar • Edison, New Jersey. Biology, with Distinction Matthew David Kissinger Kaplan • Oakland, California. Mathematical and Computational Science

**Rishabh Raj Kapoor •** Frankfort, Kentucky. Biology, Departmental Honors Program, with Distinction

Foster Karmon • Allegan, Michigan. Science, Technology, and Society

**Aaron Sidney Kaufer •** Newton, Massachusetts. Mathematics, with Distinction

**Kristopher Anthony Kaya •** Rancho Palos Verdes, California. Symbolic Systems

**Avi Gurion Kaye •** Denver, Colorado. Human Biology, Departmental Honors Program

**Evan Kim ·** Los Angeles, California. Symbolic Systems, Departmental Honors Program

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**Kendall Kissel •** Los Angeles, California. Mathematical and Computational Science and Earth Systems

**Sarah Lindsay Klass •** Danville, California. Human Biology **Thomas Knowles •** Mathematics, with Distinction

Raina Vinita Kolluri • Saratoga, California. Symbolic Systems Sandra Tian-Jiao Kong • Wichita Falls, Texas. Biology, with Distinction

**Christian Noah Kontaxis •** Rancho Mirage, California. Biology **Amanda Jeanette Koong •** Houston, Texas. Biology, Departmental Honors Program

**Josephine Elise Krieger •** Boston, Massachusetts. Biology, Departmental Honors Program

Tracy Lang • Irvine, California. Human Biology

**Taylor Alexis Lawson** • Macungie, Pennsylvania. Human Biology **Tyler Jackson Layden** • Chehalis, Washington. Mathematics and Physics

**Khuyen Nha Le** • Ho Chi Minh City, Viet Nam. Symbolic Systems, Departmental Honors Program, with Distinction

**Katherine Ruth LeBlanc** • Biology, Departmental Honors Program **Ramiro Leal-Cavazos** • Pharr, Texas. Physics

**Jiwoo Lee •** Boston, Massachusetts. Biology, Departmental Honors Program

Yu Jin Lee • Seoul, Korea. Mathematics

**Yu-Tse Lee •** Taiwan. Mathematics and Physics, Departmental Honors Program, with Distinction

Emily Young Li • Physics

**Shengjia Lian •** Hangzhou, China. Symbolic Systems

Cynthia Liang • North Brunswick, New Jersey. Symbolic Systems

Nikita Sergeevich Lilichenko • Orinda, California. Symbolic Systems

**Jade Lee Lintott •** Great Falls, Virginia. Mathematics, with Distinction

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**Pengda Liu** • Chengdu, China. Mathematics, Departmental Honors Program

**Ashley Marie Lowber •** Newtown Square, Pennsylvania. Human Biology

Mark Guan Ming Lu • Science, Technology, and Society

Matthew Guan Xi Lu • Hong Kong. Science, Technology, and
Society

**Sabrina Rong Lu** • Hong Kong. Mathematical and Computational Science, with Distinction

**Brandon Gerald Lutnick •** New York City, New York. Symbolic Systems

**Amy Ma •** Human Biology, Departmental Honors Program

Eden Isabella Mack • Science, Technology, and Society

Kayla Magid • San Diego, California. Human Biology

**Kintashe Mubanga Mainsah •** Surrey, United Kingdom. Human Biology

**Erika Paige Malaspina •** Santa Cruz, California. Mathematical and Computational Science

**Haydn Loyd Maley •** Roseburg, Oregon. Science, Technology, and Society

**Axelle Marie Marcantetti** • New York, New York. Symbolic Systems **Jana Marie Mauricio-Lee** • Science, Technology, and Society

 $\textbf{Meghan Shea McClure} \bullet \textbf{Rancho Santa Margarita}, \textbf{California}.$ 

Science, Technology, and Society, with Distinction

**Caitlyn Rose McGinley •** Wrightwood, California. Human Biology, Interdisciplinary Honors Program in Education

Elias Catskill Milborn • Symbolic Systems

**Oliver Yeshua Miller •** Spokane, Washington. Mathematics and Physics, Departmental Honors Program

**John Mistele •** Coral Gables, Florida. Mathematics, with Distinction

Olivia Rose Mitchel • San Francisco, California. Biology

**Therese Triciavinne Monte •** Saint Petersburg, Florida. Human Biology

**Grace DeGeorge Mueller •** Pittsburgh, Pennsylvania. Biology, Departmental Honors Program

**Kyle Neil Murphy** • San Clemente, California. Science, Technology, and Society

**Saket Myneni** • Biology, Departmental Honors Program, with Distinction

**Joseph Jiho Noh** • San Mateo, California. Biology, Departmental Honors Program, with Distinction

Gabriella Jude Noto • Science, Technology, and Society

Christian Harold Nunez • Chicago, Illinois. Physics, with Distinction

John Richard Oberholzer • Oakland, California. Chemistry

**Kelsi Okun •** McLean, Virginia. Symbolic Systems

Ilham Osman • Portland, Oregon. Human Biology

**Mohammed Abdal Monium Osman •** Medford, Massachusetts. Symbolic Systems, Departmental Honors Program

**Philippe Sadat Pangestu •** Jakarta, Indonesia. Mathematics, Departmental Honors Program

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**Charlotte Gates Peale •** Berkeley, California. Mathematics, with Distinction

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**Brianna M. Peet •** Dallas, Texas. Human Biology, Interdisciplinary Honors Program in Arts

**Lejla Pepic •** Manteca, California. Biology, with Distinction

Caleb Earnest Perry • Newnan, Georgia. Biology

**Caleb S. Phillips •** Encinitas, California. Science, Technology, and Society

**Psalm Liberty Mary Pineo-Cavanaugh •** North Hollywood, California. Human Biology, with Distinction

**Jeffrey Stern Propp •** Menlo Park, California. Symbolic Systems **Jonathan Mengchen Qi •** Austin, Texas. Biology, with Distinction **Matthew Radzihovsky •** Boulder, Colorado. Physics, with Distinction

**Geetanjali Rajamani** • Saint Paul, Minnesota. Human Biology, Departmental Honors Program

**Joel Ramirez Jr. •** Fort Worth, Texas. Symbolic Systems

Emma Rachel Rashes • Newton, Massachusetts. Biology

**Julia E. Rathmann-Bloch •** Human Biology, Departmental Honors Program, with Distinction

**Ashley Marie Riley •** Marvin, North Carolina. Human Biology and Chemistry, Departmental Honors Program

**Jade Chee Riopelle •** Arlington, Virginia. Human Biology **Helena Miranda Roberts-Mataric •** South Pasadena, California. Chemistry, with Distinction

**Adonis Alexandre Rubio •** Lakewood, California. Biology, Departmental Honors Program

**Abraham Ryzhik • Stanford, California. Mathematics** 

**Conrad William Safranek •** Redwood City, California. Biology, Departmental Honors Program, with Distinction

**Gabriel Joaquin Saldivar •** Menlo Park, California. Symbolic Systems

Cynthia Violeta Samano • Human Biology

**Brandon Jacob Sandoval •** Rowland Heights, California. Physics **Taylor Nicole Scornavacco •** San Diego, California. Human Biology **Zachary Ethan Sehgal •** La Jolla, California. Science, Technology, and Society

**Danial Shadmany •** Mesa, Arizona. Physics, Departmental Honors Program

**Veer Siraj Shah** • Closter, New Jersey. Mathematical and Computational Science

Janice Shin • Houston, Texas. Science, Technology, and Society Neha Sidhu • American Canyon, California. Human Biology

**Jonathan Herbert Sklar •** Manhattan Beach, California. Chemistry, Departmental Honors Program

**Osiris Adrian St. Brown** • Anaheim, California. Science, Technology, and Society

Renata Starbird • Denver, Colorado. Biology

**Sheridan Elizabeth Stephenson •** Shoreline, Washington. Human Biology

**Matthew Stevens** • Mathematics, Departmental Honors Program **Maria Valentina Suarez-Nieto** • Villavicencio, Colombia. Biology **Varun Ramanan Subramaniam** • Rutherford, New Jersey. Biology, Departmental Honors Program

**Tiger Sun •** Blacksburg, Virginia. Mathematics, with Distinction **Yutong Sun •** Shanghai, China. Mathematical and Computational Science, with Distinction

**Ho Kyung Sung •** Seoul, Korea. Mathematics and Symbolic Systems, with Distinction

**Ana Natalia Lorenzo Sy-Quia •** Encinitas, California. Biology, Departmental Honors Program

**Mingqian Tan •** Biology, Departmental Honors Program, with Distinction

**Daniel Tan Chee Hian •** Singapore, Singapore. Mathematical and Computational Science

**Abigail Grace Tarquinio** • Nashville, Tennessee. Science, Technology, and Society, Departmental Honors Program

**Salvador Antonio Tello** • Patterson, California. Human Biology **Zarah Ahferom Tesfai** • Mathematics and Computer Science **Alexa Marie Thomson** • Menlo Park, California. Human Biology, Interdisciplinary Honors Program in Education

**Graham D. Todd •** Bloomington, Indiana. Symbolic Systems, Departmental Honors Program, with Distinction

**Leah Tolby •** Tucson, Arizona. Biology, with Distinction

**Ryan Arthur Tolsma •** Newport Beach, California. Mathematics

Lilleana Torio • San Jose, California. Biology

**David Tran •** Hackensack, New Jersey. Symbolic Systems

**Chelsea Spring Trattner •** Ridgewood, New Jersey. Symbolic Systems

**Anais Elizabeth Tsai •** Stockton, California. Biology, Departmental Honors Program, Interdisciplinary Honors Program in Arts

**Emma Ming-fang Tsai •** Shoreview, Minnesota. Human Biology, with Distinction

**Eyob Tsegaye •** Silver Spring, Maryland. Mathematics, Departmental Honors Program

**Hillary Anne Umphrey •** Concord, Massachusetts. Symbolic Systems

Avery Elizabeth Uriostegui Muniz • Parker, Colorado. Biology Aaryaman Vaidya • London, United Kingdom. Symbolic Systems, Departmental Honors Program

**Inigo Valenzuela Lombera** • Mexico City, Mexico. Physics, Departmental Honors Program

**Panayiotis Vandris •** Worcester, Pennsylvania. Biology, with Distinction

Robb Andrew Viens • Biology

**Jennifer Thuy Vu** • New York. Human Biology, Departmental Honors Program

**Catherine Lan Wang •** Lexington, Massachusetts. Biology, Departmental Honors Program, with Distinction

Felix Wang • Mathematics

**Kenneth Calvin Wang •** Houston, Texas. Physics, with Distinction **Yanqiu Wang •** Shenzhen, China. Mathematical and Computational Science, with Distinction

**Tanya Watarastaporn •** Arleta, California. Human Biology **Chandler Watson •** Oregon. Mathematics, Departmental Honors Program

Alexia Taylor White • Detroit, Michigan. Chemistry

**Tatiana Xiaobing Wu** • Crofton, Maryland. Mathematical and Computational Science, with Distinction

**Justin Xu** • Troy, Michigan. Mathematical and Computational Science, with Distinction

 $\textbf{Anna Christy Yang •} \ \mathsf{Symbolic Systems}$ 

**Christine Yang •** New York City, New York. Mathematical and Computational Science

Emily Yu-Ann Yang • Biology, with Distinction

**Gloria Joo-Young Yi** • South Windsor, Connecticut. Symbolic Systems, Departmental Honors Program

**Julianna Genevieve Yonis** • Los Angeles, California. Science, Technology, and Society, Departmental Honors Program, with Distinction

**Dhara Kumari Yu** • Palo Alto, California. Symbolic Systems, Departmental Honors Program, with Distinction

**Grace Elsabeth Zaro •** Symbolic Systems, with Distinction **Eva Yifan Zhang •** Vancouver, Canada. Mathematics

**Evelyn Shindee Zhang •** Sacramento, California. Human Biology, with Distinction

**Hanzhi Zheng •** Shenzhen, China. Mathematics, Departmental Honors Program, with Distinction

Jenny Yingzhen Zhi • Troy, Michigan. Symbolic Systems Isabelle S. Zhou • Irvine, California. Symbolic Systems



#### **Bachelor of Arts and Science**

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Sophia Furfine •** Wilmette, Illinois. Mathematics and Classics, Departmental Honors Program

**Kylie Amanda Jue •** Cupertino, California. Computer Science and English



#### **Bachelor of Arts and Science**

**DEGREES CONFERRED JANUARY 7, 2021** 

**Jack E. Beasley •** Menlo Park, California. Philosophy and Computer Science, Departmental Honors Program



### Bachelor of Arts and Science

**DEGREE CANDIDATES, JUNE 13, 2021** 

**Quentin Kyung Ho Chi •** Philosophy and Biology, Departmental Honors Program

**Alexa Nicole Luckey •** Dallas, Texas. Science, Technology, and Society and Theater and Performance Studies

**Shyamoli Sanghi** • Mumbai, India. Mathematics and Philosophy **Calvin McMahan Tolbert** • Oklahoma City, Oklahoma. Classics and Mathematics



#### Master of Arts

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Gabriela Andicoechea Fischmann •** Iberian & Latin American Cultures

Yunus Can Aybas • Ankara, Turkey. Economics

Jacqueline Amrita Basu • Political Science

Adriano Carneiro Piccinin • Santo Andre, Brazil. Public Policy

Yan Cheng Chu • Singapore, Singapore. East Asian Studies

Claire E. Daviss • Sociology

Yue Fan • Economics

Jared Keola Takeshi Furuta • Sociology

**Nicole Dawn Gargano •** Middlebury, Connecticut. International Policy

Grant William Hallee • Menlo Park, California. History

Tingyan Jia · Nantong, China. Economics

Wei Ren Daryn Koh • Singapore. East Asian Studies

Krystal Ann Laryea • Sociology

Lin Chiang Lee • Singapore, Singapore. East Asian Studies

Angela Marie Leocata • Methuen, Massachusetts. Anthropology

Yingzhi Lu • Shanghai, China. East Asian Studies

Yutong Luo • East Asian Studies

**Erin Catherine Macke • Sociology** 

Allison Michelle Merz • English

Vanessa Molter • Stuttgart, Germany. International Policy

Sheryl Ke En Ng • East Asian Studies

Casper Merwan Oswald • Walnut Creek, California. International Policy

Rachel Julia Schuh • Middleton, Wisconsin. Economics

Wanqian Zhang • East Asian Studies

Sheng Zou • China. Communication



#### Master of Arts

#### **DEGREES CONFERRED JANUARY 7, 2021**

Joe Gaetano Amato • History

Anuj Amin • Port Neches, Texas. Religious Studies

Sasha Theodore Weil Chanko • New York, New York. East Asian Studies

Andrew Hari Dallakoti • Littleton, Colorado. Public Policy

Terresa Ji Hyun Eun • Sociology

Simona Gabriela Gavrila • Craiova, Romania. Sociology

Zoe Gioja · Austin. East Asian Studies

Kathryn Jayne Hedgecock • Political Science

Heewon Jang • Seoul, Korea. Sociology

Patrick Ryan Kelly • Political Science

Benjamin Aaron Libman • Montréal, Canada. English

Sijia Mao • Wuhan, China. East Asian Studies

Samuel Peter Maull • Exeter, United Kingdom. Anthropology

Elea Shea Anders McLaughlin • St. Petersburg, Florida. Music

Rachael Nicol • Pittsburgh, Pennsylvania. Religious Studies

Matthew Nissen • Los Angeles, California. Public Policy

Sean Francis O'Grady • Chicago, Illinois. International Policy

Elliott Michael Reichardt • Calgary, Canada. Anthropology

Tyler John Sadlier • Gig Harbor, Washington. Music

Avshalom Moshe Schwartz • Classics

Matthew Allen Shimura • San Francisco, California.

Communication

Thomas Paul Slabon • Classics

Peter Kerim Tellouche • French

**Justin Joseph Tomczyk •** Russian, East European and Eurasian Studies

John Michael Turman • Philosophy

**Cristopher Vazquez Munoz •** Buena Park, California. Modern

Thought and Literature

Emma Justine Williams-Baron • Sociology

Wuyan Xu • Shenzhen, China. Chinese

**Shiyun Ye** • East Asian Studies

Jue Yu • Chengdu, China. Chinese

**Zhiyun Zhao •** Beijing, China. East Asian Studies



#### Master of Arts

#### DEGREES CONFERRED APRIL 1, 2021

**Christopher Yaw Adusei-Poku** • Dhahran, Saudi Arabia.

Kevin Sean Behan • Economics

Caitlin E. Brown • Thousand Oaks, California. Communication

Brian Cabral • Chicago, Illinois. Sociology

**Michaela Jane Coleman •** Short Hills, New Jersey. Modern Thought and Literature

Ralph Craig III • New Orleans, Louisiana. Religious Studies

Hannah Katherine D'Apice • Dallas, Texas. Sociology

Grace Dong • Fremont, California. Communication

Matthew Greer Galloway • Los Altos, California. Public Policy

Chloe Hamilton • Paris, France. Philosophy

**Philip Hoffert •** Cleveland, Ohio. English

**Alyssa Taylor Horeczko •** Huntington Beach, California. Communication

Elise Gabrielle Huerta • Chinese

Yihao Huo • Tianjin, China. East Asian Studies

Michaela JoAnn Keefe • Los Angeles, California. Communication

Emma Christina Kerr • Redwood City, California. Sociology

Mattea Scheiber Koon • English

Yunxin Li • Tangshan, China. History

Jessica Andrea Luo • Palo Alto, California. Philosophy

Alexander Jack McKirgan • Chichester, United Kingdom. Public Policy

Shuxin Meng • China. Music

Max O'Krepki • Hammond, Louisiana, Public Policy

Catherine Elaine Sanchez • Sociology

Cameron John Paul Scarlett • Portland, Oregon. Communication Zuha Maryam Shaikh • Karachi, Pakistan. International Policy

Jesse Andrew Strober • Portola Valley, California. Sociology

Shunya Tamaki • Nishinomiya, Japan. East Asian Studies

John Edward Toner • Honolulu, Hawaii. Communication

Aleeza Wing Yin Yu • Whitchurch-Stouffville, Canada.

Communication

Mengfan Zhang • Baoding, China. Music

Jiayi Zhao • Communication



#### Master of Arts

#### **DEGREE CANDIDATES, JUNE 13, 2021**

Maha Al Fahim • International Policy

Luiza Almeida Santos • Sao Paulo, Brazil. Psychology

Ala Adnan Mohammad Alrababah • Amman, Jordan. Political

Raul Altosaar • Music

Serage Amatory • Lebanon. International Policy

Olivia Katherine Angsten • Sarasota, Florida. Classics

Ruben Anguiano • Los Angeles, California. Sociology

Malik Jamarae Antoine • Baton Rouge, Louisiana. Communication

Rika Aoki • East Asian Studies

Jonathan Ayson • Whittier, California. Communication

Andrea Baldioceda Oreamuno • San Jose, Costa Rica. Music

Ankita Banerjea • International Policy

Nitisha Baronia • Public Policy

Jason Michael Beckman • Chicago, Illinois. Japanese

Lucas Ryan Beissner • Yorktown, Virginia. International Policy

**Anoma Bhat • International Policy** 

Lauren Rebekah Borchers • Palo Alto, California. Psychology

Treyjohn W. Butler • Pasadena, California. Communication

Julie Youko Anne Cachia • Psychology

Cade Cannedy • Taos, New Mexico. Communication

Kelsi Laura Caywood • Sturgis, Michigan. International Policy

Jon Chachula • Beavercreek, Ohio. International Policy

Earvin Javier Chavez • Paramount, California. Philosophy

**Bingrui Chen •** Hangzhou, China. East Asian Studies

Liyan Chen • Shanghai, China. East Asian Studies

Vivian Shaylin Chen • Music

Yongjia Chen • Wuhan, China. International Policy

Quentin Kyung Ho Chi • Philosophy

Amanda Margaret Coate • History

Zachary Cowan • Russian, East European and Eurasian Studies

Elena Isabella Crespo · San Diego, California. International Policy

Hamzeh Ihsan Fadel Daoud • Modern Thought and Literature

Matthew Marshall DeButts • Communication

Amy DiPierro • Communication

Grayson Baxter Dinovitz • East Asian Studies

Rolf David Dixon Jr. • Buena Vista, Virginia. Sociology

Alice Juliette Dow · Atherton, California. Philosophy

Dathan Mitchell Duplichen • Lakeland, Louisiana. International Policy

Danielle Echeverria • Bakersfield, California. Communication

Nicole Elizabeth Edsall • Los Gatos, California. Sociology

Alisa Feldman • Sociology

**Toni Friedman •** International Policy

Xinyue Gao • Shanghai, China. Chinese

Elizabeth K. Gerson • Kansas City, Missouri. Communication

Haley McKinney Gordon • Arlington, Virginia. East Asian Studies

Emily Bradley Greenfield • History

Raymond Ha • Political Science

Alice Siqi Han • Sydney, Australia. East Asian Studies

Annika Hansen • Price, Utah. Sociology

Tiffany Weiting Hsu • Psychology

Zoe Ewa Huczok • Paris, France. International Policy

Sophia Magnolia Hunt • Charlottesville, Virginia. Sociology

Kathryn Elizabeth Hymes • Los Angeles, California. Linguistics

Haruka Ito • Yokohama, Japan. International Policy

Yingyue Kang • Shenyang, China. East Asian Studies

Jasmine Kerber • Communication

Saurabh Khanna • Jalandhar, India. Economics

Abigail H. Lai • Sacramento, California. East Asian Studies

Brendan Larkin • Marietta, Georgia. Music

Max Liu Lee • Canfield, Ohio. Public Policy

Siu Ling Lee • Stanford, California. International Policy

Christopher Won Jae Lee Choi • Santiago, Chile. Public Policy

Yugin Lu • Ningbo, China. Chinese

Hallie Lucas • International Policy

William Donald Macmillan • Chapel Hill, North Carolina.

Communication

Marijn Nura Mado • Communication

Cedomir Giuseppe Maria Malgieri • Economics

Thomas Atalig Manglona II • Rota, Northern Mariana Islands. Communication

Vibhav Ravindra Mariwala • Bombay, India. Anthropology

Alyssa Carmen Martinez • West Allis, Wisconsin. International

Caitlyn Rose McGinley • Wrightwood, California. Sociology

Christian Neil Mcardle-hankin • Sacramento, California.

**Daniella Nicole McMahon •** Bardonia, New York. Communication

Communication

Fathima Rehana Mohammed • International Policy

Thebe Kutlwano Moloko • Cape Town, South Africa. Public Policy

Elise Samantha Most • Communication

Elizabeth Berry Muir • Stanford, California. Communication

Kaushik Narasimhan • Chennai, India. Public Policy

Craig Nelson • International Policy

Steven Kyle Newman • Sunnyvale, California. Russian, East

**European and Eurasian Studies** 

**Leanne Pui Yin Ng •** Hong Kong. Communication

Kim Anh Ngo • San Jose, California. German Studies

Niki Nhi Nguyen • Westminster, California. Sociology

Thuy An Nguyen • International Policy

Rachel Oh • Communication

Angela Ortega Pastor • Tres Cantos, Spain. International Policy

Sunho Paik • English

Jonatan Perez • History

Shelby Perkins • International Policy

Sunil Devindra Persad • Religious Studies

Katherine Hsu Ponder • California. East Asian Studies

Maria Fernanda Porras Jacobo • Mexico. International Policy

Ellen C. Reinhart • Dayton, Ohio. Psychology

Luis Alberto Rodriguez • Political Science

Samuel Joseph Rogers • Avon, Minnesota. Philosophy

**Abuzar Royesh** • Kabul, Afghanistan. International Policy **Anna McKillion Salamone** • Spring Lake, New Jersey. Communication

Joss Saltzman • Santa Monica, California. Music

Abdiel Santiago • Cape May, New Jersey. Public Policy

Melissa Mae Santos • Canoga Park, California. Sociology

Thomas Schaffer • Vienna, Austria. Communication

Hope Victoria Schmalzried • Palos Verdes, California. English

Mike Shi • Johnston, Iowa. Economics

Andrew Shu • State College, Pennsylvania. International Policy

Katherine Silk • History

Serena Jimyn Soh • Santa Barbara, California. Communication

Clara Spars • Santa Rosa, California. English

Elijah Wright Spiegel • Philosophy

Jan Stoltenberg • Hamburg, Germany. Music

Jenna Colleen Sutton • Aliso Viejo, California. English

Wenting Tao • Economics

Merve Tekgurler • Istanbul, Turkey. History

**Eric Ting • Communication** 

Mari Uchima • Düsseldorf, Germany. East Asian Studies

 $\textbf{Lakshmi Saranya Varanasi •} \ \textbf{West Bloomfield}, \textbf{Michigan}.$ 

Communication

Juan Paolo Vera • Public Policy

Bradford Waldie • Phoenix, Arizona. Political Science

Ziyi Wang • International Policy

Thomas Westphal • International Policy

Corie Rae Wieland • Minneapolis, Minnesota. International Policy

**Chloe Wintersteen • Tiburon, California. Communication** 

**Alexander Ahmed Zaheer •** San Diego, California. International

Austin J. Zambito-Valente • Brooklyn, New York. Music

Li Zhao • East Asian Studies

Qiyi Zhao • Economics

Xuehan Zhao • Chengdu, China. East Asian Studies

### Master of Fine Arts

**DEGREES CONFERRED SEPTEMBER 24, 2020** 

Yu Chieh Chung • Documentary Film and Video

**Ashleigh Elizabeth McArthur •** Sydney, Australia. Documentary Film and Video

## Master of Fine Arts

#### **DEGREE CANDIDATES, JUNE 13, 2021**

**Jonathan Ayon Alonso •** California. Documentary Film and Video **Sydney Bowie •** Newport Beach, California. Documentary Film and Video

Aurora Hesper Brachman • Documentary Film and Video

**Adrian Levi Burrell •** Oakland, California. Documentary Film and Video

**Laura Garber Gamse •** Arlington, Virginia. Documentary Film and Video

Anna Natia Rowson • Documentary Film and Video

**Michael Timothy Workman •** Missoula, Montana. Documentary Film and Video

**David Phillip Zucker •** Bala Cynwyd, Pennsylvania. Documentary Film and Video



#### **Master of Liberal Arts**

DEGREE CONFERRED SEPTEMBER 24, 2020

**Stephanie Laila Tuxen Laila Tuxen Bisgaard •** Woodside, California



### Master of Liberal Arts

**DEGREES CONFERRED JANUARY 7, 2021** 

Yu-Wai Chiu • San Jose, California

Catherine Jane Christianson • Palo Alto, California

Robert Glenn Cornwell • San Francisco, California

Hao Zou • San Francisco, California



#### **Master of Liberal Arts**

**DEGREE CANDIDATES, JUNE 13, 2021** 

Richard Michael Hackmann • St. Louis, Missouri

Ulick Oliver Malone • Dublin, Ireland

Christopher Mark McBride • Corte Madera, California

Mark Vander Ploeg • Menlo Park, California



#### **Master of Public Policy**

DEGREE CONFERRED SEPTEMBER 24, 2020

Hernan Dario Mejia Mora • Bogotá, Colombia



#### **Master of Public Policy**

**DEGREES CONFERRED JANUARY 7, 2021** 

Diana Yu Zhao • Claremont, California



#### **Master of Public Policy**

**DEGREES CONFERRED APRIL 1, 2021** 

Maria Marta Rey Malca De Habich • Lima, Peru



### Master of Public Policy

DEGREE CANDIDATES, JUNE 13, 2021

Pedro Gomes Dantas • Recife, Brazil

Yoon-Chan Kim • Palo Alto, California

Sevda Memet • Constanta, Romania

Valerie Zoe Moffat Osband

David Vasquez II • Brooklyn, New York



#### **Master of Science**

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

Matthew Allan Adrianowycz • Broadview Hts, Ohio. Biophysics

Amy Chou • Bozeman, Montana. Statistics

Avery Delmaine • Statistics

Kevin Tyler Feigelis • Physics

Sebastian Matias Fica Contreras • Curanilahue, Chile. Chemistry

Brandon Alan Freudenstein • Saginaw, Michigan. Physics

Henry Froland • Friday Harbor, Washington. Applied and

**Engineering Physics** 

Wu Han • Statistics

Hang Jiang • Wuhan, China. Symbolic Systems

Richard Kahn • Symbolic Systems

Byungwoo Kang • Busan, Korea. Physics

Shuangning Li • Statistics

Eray Turkel • Bursa, Turkey. Statistics

Han Wu • Beijing, China. Statistics

Boning Zheng • Toronto, Canada. Statistics

Beite Zhu • Wuhan, China. Mathematics



### Master of Science

#### DEGREES CONFERRED JANUARY 7, 2021

Feng Chen • China. Applied Physics

Dorian Rifkat Noel Claveau • Paris, France. Applied Physics

Xuehao Ding • Wuxi, China. Applied Physics

Joshua Kornberg • Symbolic Systems

Sultan Malik • Applied Physics

Peter Wang • Statistics

Ziyue Wang • Suzhou, China. Applied Physics

Thomas C. Yim • Symbolic Systems

Jeremy Mi Yu • HuZhou, China. Statistics

Ruohan Zhan • China. Statistics



#### **Master of Science**

#### **DEGREES CONFERRED APRIL 1, 2021**

Rachael Caelie Aikens • Chester, Connecticut. Statistics

Aaron Jordan Alvero • Salinas, California. Statistics

Jose Bolorinos • Madrid, Spain. Statistics

Anastasia Butskova • Statistics

Lawrence S. Chiou • Ames, Iowa. Biophysics

**Dominik Joshua Damjakob •** Kleinmachnow, Germany. Statistics

Sani Eskinazi • Istanbul, Turkey. Biology

Toren Lev Fronsdal • Redwood City, California. Statistics

Amelia Saner Gilson • Northampton, Massachusetts. Statistics

Nima Hamidi • Iran . Statistics

Anthony Hung Yu Ho • Applied Physics

Dat Pham Nguyen • Mathematics

Nana Ansuah Peterson • Accra, Ghana. Biology

Zhu Shen • Nanjing, China. Statistics

Nian Si · Beijing, China. Statistics

Trisha Singh • New Delhi, India. Statistics

Xulu Sun • Statistics

Yijie Sun • Shanghai, China. Statistics

Vu Yen Nhi Truong • Mathematics

Yuyan Wang • Jiangyin, China. Statistics

Justin Wong • Statistics

Lingjue Xie • Shanghai, China. Statistics

Yichen Yang • Qingdao, China. Statistics



#### **Master of Science**

### DEGREE CANDIDATES, JUNE 13, 2021

Bryce Allen Bagley • Phoenix, Arizona. Biophysics

Jack E. Beasley • Menlo Park, California. Symbolic Systems

Paul Hans Boehringer III • Statistics

Spencer Flick Braun • New York, New York. Statistics

Alexandre Marius Bucquet • Maisons Laffitte, France. Statistics

Skyler D. Castillo-Wilson • Los Lunas, New Mexico. Biology

Shuvam Chakraborty • Edison, New Jersey. Statistics

Jack Karkar Collison • Milwaukee, Wisconsin. Statistics

Alex D. Doan • Medford, Oregon. Biology

**Zachary Espinosa •** Turlock, California. Applied and Engineering Physics

Johnathan Dimitrios Georgaras • Ottawa, Canada. Applied Physics

Xiaotong Gui • Wuhan, China. Statistics

**Daphne Siyuan Guo •** Chandler, Arizona. Chemistry

Andrew Joseph Hayden Jr. • Newton, Massachusetts. Biology

Xinlan Emily Hu • Louisville, Kentucky. Symbolic Systems

Christopher Jackson • Los Altos Hills, California. Biology

**Roxanne Alana Jacobs •** Long Beach, California. Chemistry

Andrew Abraham Kirjner • Monte Sereno, California. Statistics

Sabrina Kuta • Los Gatos, California. Biology

Yu Jin Lee • Seoul, Korea. Statistics

Elissa Yiyi Li • New York. Symbolic Systems

Fangchen Li • Beijing, China. Statistics

Zelin Li • Zhuhai, China. Statistics

Shujia Liang • Taiyuan, China. Chemistry

Yuan Liu • Jinjiang, China. Statistics

Sagar Maheshwari • Chadds Ford, Pennsylvania. Statistics

William Christopher Mangram • Dallas, Texas. Applied and

**Engineering Physics** 

**Denzal Martin •** Physics **Theodor Jakub Misiakiewicz •** Clamart, France. Statistics

Hiroki Nakayama • Applied Physics

Rushali Patel • Ahmedabad, India. Biology

Brian MacDonald Powell • Montreal, Canada. Statistics

Zhimei Ren • Statistics

Douglas Russo • West Chester, Pennsylvania. Statistics

**Robert Andrew Schmidt • Statistics** 

Benjamin Seiler • Statistics

David William Shacklette • Des Plaines, Illinois. Symbolic Systems

Ishan Jay Shah • Cary, North Carolina. Statistics

Kevin Tan • Symbolic Systems

Jake Edward Taylor • St. Louis, Missouri. Statistics

Tsion Agajie Tesfaye • Ethiopia. Statistics

Cheuk To Tsui • Statistics

Samuel Wai-Yan Wong • Statistics

Angela Anting Xu • Oakton, Virginia. Statistics

Justin Xu • Troy, Michigan. Statistics

Anna Christy Yang • Symbolic Systems

Xixie Zhou • Applied Physics

Jiying Zou • Hoffman Estates, Illinois. Statistics

## Doctor of Philosophy

#### DEGREES CONFERRED SEPTEMBER 24, 2020

**Branden Adams •** Pineville, West Virginia. History, Dissertation Title: *Dark, Dreary Mines: Bituminous Coal in the United States, 1865-1900* 

**Mauricio Aguilar Rangel •** Victoria, Mexico. Biology, Dissertation Title: *In vivo and in vitro protein folding: novel insights in cotranslational protein folding and computational protein design* 

**Madihah Falak Akhter •** History, Dissertation Title: *In Her Own Right: Sovereignty and Gender in Princely Bhopal* 

**Ignat Ayzenberg •** History, Dissertation Title: *The Jewish Vanguard of the Revolution: Poale Zion in Early Soviet Period (1917-1928)* 

**Mona Azadkia •** Lavasan, Iran . Statistics, Dissertation Title: *A Nonparametric measure of Conditional Dependence* 

**Nandita N. Balakrishnan •** Novi, Michigan. Political Science, Dissertation Title: *Where Have All the Coups Gone?* 

**Jacqueline Amrita Basu** • Political Science, Dissertation Title: Convergence Concepts: The Political Construction of Stability, Legitimacy, and Authority

**Stephen Douglas Bates •** Thief River Falls, Minnesota. Statistics, Dissertation Title: *Conditional Independence Testing for Variable Selection and Causal Inference* 

**Nora Jane Brackbill •** Aptos, California. Physics, Dissertation Title: *Natural Image Processing in the Primate Retina* 

**Juan Ignacio Cases Martin** • Linguistics, Dissertation Title: *Modular and Compositional Learning for Natural Language Understanding: Implications of the Transfer-Interference Trade-Off* 

**Doreen Chung-Yue Chan •** Huntingtown, California. Chemistry, Dissertation Title: *Engineering Polymeric Materials to Elucidate Structure-Property Relationships and Improve Biomedical Applications* 

**Alexander Allen Chechile •** Medford, Massachusetts. Music, Dissertation Title: *Practical Applications of Difference Tones in Electronic Music Composition and Synthesis* 

**Weixin Chen** • Economics, Dissertation Title: *Essays in Mechanism Design* 

**Yuan Chen** • Xi'an, China. Applied Physics, Dissertation Title: *Theory And Applications Of Time-Resolved Spectroscopies* 

**Mu Jung Cho** • Taoyuan, Taiwan. Communication, Dissertation Title: *Media Production Behavior on Smartphones: Time, Content, Structure, and Context* 

**James Yan Jey Chu** • Hsinchu, Taiwan. Sociology, Dissertation Title: *Organizations and the Contingent Consequences of Status Competition* 

**Dongwoo Tom Chung •** Physics, Dissertation Title: *Line-intensity mapping with the CO Mapping Array Pathfinder and beyond* 

**Bridget Ann Connor •** Albuquerque, New Mexico. Chemistry, Dissertation Title: *Dimensional Reduction of Halide Double Perovskites* 

**Jennifer Elaine Cryer** • California. Political Science, Dissertation Title: *Navigating Identity: How Candidate Identities Influence Campaign Communication, Electoral Outcomes, and Voter Perceptions* 

Cameron Gregory DeHart • Troy, Ohio. Political Science, Dissertation Title: *The Proliferation of State and Local Elections in the United States*, 1776-1900

**Valerie Ann Deisinger •** Chicago, Illinois. History, Dissertation Title: Changes in the Legal Profession, Changes in the Law: Slavery and Legal Culture in Illinois, 1818-1848

**Gurbir Dhillon** • Lafayette, California. Mathematics, Dissertation Title: *Geometric representations of W-algebras and applications to the quantum Langlands correspondence* 

**Patric Di Dio Di Marco •** Berlin, Germany. German Studies, Dissertation Title: *nemt altiu maer für niuwe: Wolfram von Eschenbach and the Arabic Subtext of Latin Europe from the Twelfth Century* 

**Alexander Joseph Dunlap •** Mount Vernon, Washington. Mathematics, Dissertation Title: *Asymptotic properties of some random evolutions and geometries* 

**Emily Rose Ebel •** Biology, Dissertation Title: *Evolutionary Genomics Of Malaria Hosts And Parasites* 

**Chloe Ming Hwa Summers Edmondson** • San Francisco, California. French, Dissertation Title: *Feigning Authenticity: Letter Writing in 17th and 18th-Century France* 

**Ella Elbaz** • Comparative Literature, Dissertation Title: *Reaching* for the Far-Fetched: Future-Telling in Contemporary Palestinian and Israeli Literature and Art

**Jared Keola Takeshi Furuta •** Sociology, Dissertation Title: *Global Changes in the Structural Dimensions of National Education Systems: High Stakes Exams, Tracking, and National Assessments, 1960-2010* 

**Pablo Eduardo Garcia Nieto** • Ciudad de Mexico, Mexico. Biology, Dissertation Title: *From DNA damage to mutations: A thorough characterization of somatic genomic instability in the human body* 

Karina Gutierrez • Arvin, California. Theater and Performance Studies, Dissertation Title: From Collectivism To Professionalism: The Struggle For The Survival Of Social Protest Theatre In Post-1980s Latinx America

**Andrew Ha** • Biology, Dissertation Title: *Identifying Frizzled* receptors that are essential for intestinal stem cell maintenance

**Chung Yau Elton Ho •** Hong Kong. Physics, Dissertation Title: Restoring Vision with Electronic Photoreceptors: from Petri Dish to Patients and Back

**Cayce Jessica LaGrasse Hook •** Tallahassee, Florida. Psychology, Dissertation Title: *Social Regulation in the Land of the Free* 

**Cherkea Louise Howery •** Anthropology, Dissertation Title: Archaeology of Austerity: the Effects of the Economic Crisis on Heritage in Greece

**Lindsay Jordan Hundley •** Political Science, Dissertation Title: *Ideology and International Conflict* 

Karin Mei Li Inouye • Gunnison, Utah. Chinese, Dissertation Title: Performing Jiang Qing (1914-1991): Gender, Performance, and Power in Modern China

**Sharon Jank** • Palo Alto, California. Sociology, Dissertation Title: Pathways of Exclusion: How Common Recruiting and Hiring Practices Disadvantage Non-Elite Applicants

**Eun Seo Jo ·** Seoul, Korea. History, Dissertation Title: *Foreign Relations of the United States Series, 1860-1980: A Study in New Archival History* 

**Corey Masao Johnson •** Hilo, Hawaii. Modern Thought and Literature, Dissertation Title: *Artifacts of Encounter: Contested Geographies in Polynesia and the American Pacific* 

**Isabel Jean Jones •** San Francisco, California. Biology, Dissertation Title: *Human health and environmental sustainability in pathogenic landscapes: feedbacks and solutions* 

**Donish Zaman Khan** • California. Applied Physics, Dissertation Title: Coherent Synchrotron Radiation Effect Mitigation Studies For High Brightness Beams/Accelerators

**Therese Suren LaRue** • Arlington, Massachusetts. Biology, Dissertation Title: *Uncovering natural variation in root system architecture dynamics* 

**Holden Wan Hong Lai** • Hong Kong. Chemistry, Dissertation Title: Synthesis of Norbornyl Benzocyclobutene Ladder Polymers and the Transport of Gases Therein

**Andrew Kyle Lampinen •** Davis, California. Psychology, Dissertation Title: A computational framework for learning and transforming task representations

**Alan Taylor Landers •** Gainesville, Missouri. Chemistry, Dissertation Title: *Utilizing Synchrotron X-Ray Diffraction and X-Ray Absorption Spectroscopy to Study Materials for Electrochemical Reactions Involving Hydrogen and Carbon Dioxide* 

**Juhyung Lee •** Biology, Dissertation Title: Global Change, Response Variability, And Their Implications For Coastal Ecosystem Resilience And Functioning

**David Benjamin Weixuan Lim** • Mathematics, Dissertation Title: *Algebraization theorems for coherent sheaves on stacks* 

**Hyeongtaek Lim •** Busan, Korea. Chemistry, Dissertation Title: *X-ray Absorption and Emission Spectroscopies as Probes of Copper Sites in Metalloenzymes and Model Complexes* 

**Chi-Yun Lin •** Taiwan. Chemistry, Dissertation Title: *Design Principles of Green Fluorescent Proteins • Why Are They Green and Fluorescent?* 

**Bowen Liu** • Auckland, New Zealand. Chemistry, Dissertation Title: *Machine Learning For Small Molecule Lead Optimization* 

**Bobbie Neil James Macdonald •** Winnipeg, Canada. Political Science, Dissertation Title: Room to move: Political accountability of "lawmakers" in the Kenya National Assembly, 1998-2019

**Mashail Aman Malik** • Islamabad, Pakistan. Political Science, Dissertation Title: *The Microfoundations of Identity Politics in Pakistan's Megacity* 

**Ruperto G. Mariano •** Aparri, Philippines. Chemistry, Dissertation Title: *Structure-activity relationships in CO2 electroreduction catalysis* 

**Alessandro Maria Masullo •** Roma, Italy. Mathematics, Dissertation Title: *Arithmetic deformations of crystalline cohomology* 

**Edward Andrew Mazenc •** Physics, Dissertation Title: *Emergent Locality, Large N Matrices & Entanglement* 

**Krzysztof Mieczyslaw Mierzewski** • Gdańsk, Poland. Philosophy, Dissertation Title: *Acceptance and Approximation: Studies on Probabilistic Stability, Acceptance Rules on Atomless Spaces, and Algebraic Logics of Approximation* 

**Benjamin Sean Mills** • New York, New York. Economics, Dissertation Title: *Essays on Instrumental Variables* 

**Amanda Alicia Mireles •** Sanger, California. Sociology, Dissertation Title: *The Constraints of Progress: College Feminization and the Value of the College Degree* 

**Jared Charles Nesvet** • Natick, Massachusetts. Chemistry, Dissertation Title: *Giant Magnetoresistive Nanosensor Analysis of Circulating Tumor DNA for Therapy Response Monitoring and Early Detection of Cancer* 

**Odyssia Sophie Si Jia Ng ·** Colomiers, France. Economics, Dissertation Title: *Essays on Gender and Entrepreneurship in India* 

**Christiana Moreira Parreira •** Political Science, Dissertation Title: The Art of Not Governing: Local Politics in Postwar Lebanon

**Dilshanie Perera** • Anthropology, Dissertation Title: *Barometer Falling: Weather, Risk, and the Meteorological Imagination in Bangladesh* 

**Brian Steven Perez •** Corona, California. Biology, Dissertation Title: *Ultraviolet Light-Induced Genome Instabilities* 

**Petar Nikolov Petrov •** Sofia, Bulgaria. Chemistry, Dissertation Title: *Improving the Precision and Accuracy of Three-Dimensional Single-Molecule Localization Microscopy* 

**Slavko Nicholas Rebec •** Bristol, Indiana. Applied Physics, Dissertation Title: *Emergent Physics of Surfaces and Interfaces: An Exploration of Thin Films using MBE and ARPES* 

**Jacob Austin Reidhead** • Tempe, Arizona. Sociology, Dissertation Title: *Nomination Patronage And Party Splitting: Comparing Intraparty Politics In South Korea And Taiwan* 

**Jesse Reynolds** • Ithaca, New York. Psychology, Dissertation Title: *Pearls Before Swine: Resentment When Others Squander Desired Opportunities* 

**Nicholas John Rolston** • Applied Physics, Dissertation Title: Accelerated Scaling of Open-Air Processed Perovskite Solar Modules **Matthew Gifford Romei** • Chatham, New Jersey. Chemistry, Dissertation Title: *Controlling color and photoisomerization pathways in photoactive proteins: the role of the protein environment* 

**Elliott William Rosenberg •** Applied Physics, Dissertation Title: *Multipolar order and fluctuations in TmAg2 and YbRu2Ge2* 

**Evan Taylor Ragosa Rosenman •** Warren, New Jersey. Statistics, Dissertation Title: *Making Causal Conclusions from Heterogeneous Data Sources* 

**Philip Saad •** Physics, Dissertation Title: *Black Holes, Baby Universes, and Random Matrices* 

**Karem Irene Said •** Anthropology, Dissertation Title: *Gendering Digital Infrastructure and Peripheral Urban Formation in Tunis, Tunisia* 

**Lokuhettige Nethra Anjana Samarawickrema** • Sausalito, California. Anthropology, Dissertation Title: *Speculating Sapphires: Mining, Trading, and Dreams that Move Gems Across the Indian Ocean* 

**Ami Schiess •** Oakland, California. Iberian & Latin American Cultures, Dissertation Title: *The Ethics of the Object in Modern Brazilian Literature* 

**Sebastian Schuster •** Vienna, Austria. Linguistics, Dissertation Title: Semantic-Pragmatic Adaptation

Vanessa LaShawn Seals • English, Dissertation Title: The Loving Family: Writing the Multiracial Family in U.S. Literature after 1997
Suddhaseel Sen • Kolkata, India. Music, Dissertation Title: Intimate Strangers: Cross-Cultural Exchanges between Indian and Western Musicians, 1800-1950

**Stefan Seritan** • Chemistry, Dissertation Title: *Development of Accessible Quantum Chemistry through Virtual Reality and Cloud Computing* 

**Jeffrey Robert Smith** • Haddonfield, New Jersey. Biology, Dissertation Title: *Biodiversity patterns and dynamics across spatial scales: The roles of climate and land use* 

**Adam Snyder •** Red Hook, New York. Physics, Dissertation Title: Characterization of LSST Camera Sensor Effects During Integration and Testing

**Matthew Reagan Solt •** Beverly Hills, Michigan. Physics, Dissertation Title: Searching for Long-Lived Dark Photons with the Heavy Photon Search Experiment

**Alexander Martin Stahl •** Vancouver, Canada. Chemistry, Dissertation Title: *Biomaterial-Based Approaches for Vascularization in Bone Tissue Engineering and Regenerative Medicine* 

**Alexandra Elise Stern •** Louisville, Kentucky. History, Dissertation Title: *Reconstructing Indian Territory: Federal vs. Native Power and the Contested Expansion of American Sovereignty, 1861 - 1907* 

**Jessica Kalay Su** • San Jose, California. Chemistry, Dissertation Title: *Ring-Opening Metathesis Polymerization of Cyclopropenes and Ladderenes* 

**Gregory Page Taylor** • Philosophy, Dissertation Title: Sensible Synthesis and Logical Analysis: Kant and Frege on Judgment

**Andrew Tsao •** Statistics, Dissertation Title: Sampling Methodology for Intractable Counting Problems

Aine Josephine Mary Tyrrell • Dublin, Ireland. Theater and Performance Studies, Dissertation Title: Critiquing Counter-Terror: The Impact of Security Policy on American, British, and French Publics Post 9/11

**Rebecca Elizabeth Wall •** St. Louis, Missouri. History, Dissertation Title: *Transnational Senegal River Development*, 1920-2000

**Guanyang Wang •** Hefei, China. Mathematics, Dissertation Title: *Topics in Markov Chain Monte Carlo Methods, with Applications in Statistics* 

**Yafeng Wang •** Philosophy, Dissertation Title: *Reconstructing Past Events: A Study of Engineering Failure Investigations* 

Yanyue Wang • Economics, Dissertation Title: Essays in Public Economics and Advanced Applied Econometrics

**Abigail Rose Ward** • Columbus, Ohio. Mathematics, Dissertation Title: *Homological mirror symmetry for elliptic Hopf surfaces* 

**Elizabeth Rene Webster** • Chemistry, Dissertation Title: *Biophysical Characterization of the Entry Mechanisms of Enveloped Viruses* 

**Na Ryeung Whang •** Political Science, Dissertation Title: *How News Media Affects Political Behavior* 

**Scott Williamson •** Political Science, Dissertation Title: *The King Can Do No Wrong: Delegation and Blame under Authoritarian Rule* 

**Jeremy David Witmer** • Abbotsford, Canada. Applied Physics, Dissertation Title: *Electro-Optic Devices for Quantum Transduction* 

**Adva Wolf •** Mathematics, Dissertation Title: *Convex Projective Geometrically Finite Structures* 

**Jonathan Wurl** • Slavic Languages and Literatures, Dissertation Title: *Writing Women: Gender, Alterity, and Representation in Russian Realism* 

**Shizuka Bridget Yamada •** Phoenix, Arizona. Biology, Dissertation Title: *Investigating Mechanisms Of Repeat-Associated Non-AUG Translation In Neurodegenerative Disease* 

**Hsin Hung Yeh** • Kaohsiung City, Taiwan. Chinese, Dissertation Title: Chinese Verb Phrases: Continuum of Patterns with Different Lexical Statuses

**Jimmy King Zhi Yu** • Biophysics, Dissertation Title: *Efficient Correlated Electronic Structure Theory and Quantum Dynamics for Photoactive Systems from Small Molecules to Biological Macromolecules* 

**Edwin Yuan •** San Gabriel, California. Applied Physics, Dissertation Title: *Novel Tools for Optical Coherence Imaging: Gold Nanoparticle Contrast Agents and High-resolution Pathology Registration by Optical Barcoding* 

**Xuefei Yuan •** Psychology, Dissertation Title: *Multi-Modal Integration in Number Sense Acquisition* 

**Francesca Zaffora Blando •** Italy. Philosophy, Dissertation Title: Patterns and Probabilities: A Study in Algorithmic Randomness and Computable Learning

**Jiecheng Zhang •** Shanghai, China. Physics, Dissertation Title: Optical measurement of thermal diffusivities in strongly correlated materials

**Leon Zhang** • Economics, Dissertation Title: *Estimation and Analysis of Entry and Exit of Big Box Retailers* 

**Beite Zhu** • Wuhan, China. Mathematics, Dissertation Title: *Radial* estimate of isotropic pseudo-differential operators via FBI transform

**Sheng Zou •** China. Communication, Dissertation Title: *The Engineering of Sentiment and Desire: Unraveling the Aestheticized Politics of Ideotainment in China* 

## Doctor of Philosophy

DEGREES CONFERRED JANUARY 7, 2021

**Christopher Benjamin Anderson •** Mill Valley, California. Biology, Dissertation Title: *Biodiversity Monitoring, Earth Observations and the Ecology of Scale* 

**Erin Domenica Bennett •** Psychology, Dissertation Title: Computational and empirical exploration of the interaction between semantics and pragmatics in vague language

**Jordan Bernhardt** • Political Science, Dissertation Title: *The Causes and Consequences of Joint Military Exercises* 

**Victoria Frances Borish** • Seattle, Washington. Applied Physics, Dissertation Title: *Many-Body Spin Dynamics With Rydberg-Dressed Atoms* 

**Luca Braghieri** • Piacenza, Italy. Economics, Dissertation Title: *Essays in Microeconomics* 

**Melissa Grazyna Bykowski •** Anthropology, Dissertation Title: Techno-Mediated Safety: Social Atomization and the Growth of Residential Security in Recessionary Japan

**Sijia Chen •** Beijing, China. Economics, Dissertation Title: *Housing and Uncertainty in Macroeconomics* 

**Corleone Steven Delaveris** • Chemistry, Dissertation Title: *Synthetic Glycopolypeptides to Study Human Health* 

**Sheela Devadas •** Mathematics, Dissertation Title: *Morphisms and cohomological comparison for Henselian schemes* 

**Yanniv Yoann Olivier Dorone** • Paris, France. Biology, Dissertation Title: *Discovery of novel membraneless organelles in Arabidopsis thaliana* 

**Sarah Beate Eichmeyer** • Osnabrück, Germany. Economics, Dissertation Title: *Essays in Health Economics and Political Economy* **Jason Elliot Ford** • Rockford, Ohio. Chemistry, Dissertation Title: *In Silico Chemistry: Multiscale Modeling from Quantum Mechanics to Kinetics* 

**Ana Belen Franco** • McAllen, Texas. Political Science, Dissertation Title: *Essays on American Politics and the Science of Science* **Jeffrey Michael Granja** • Stanford, California. Biophysics,

Dissertation Title: Dissection of cancer-specific cis and transregulatory elements

**Clayton Thomas Hardman •** Chemistry, Dissertation Title: *Scalable total synthesis of bryostatin 1 enables the design, synthesis, and biological evaluation of bryostatin analogs* 

**David Aaron Hazard •** Tualatin, Oregon. Chinese, Dissertation Title: 'Rivers and Lakes': Alternative Sovereignty in the Chinese Popular Imagination

**David J. Hoffman •** Paoli, Pennsylvania. Chemistry, Dissertation Title: *Ultrafast Infrared Spectroscopy Reveals the Structural and Dynamical Heterogeneity of Glassy Materials* 

**Timothy Munson Horton •** Arkadelphia, Arkansas. Chemistry, Dissertation Title: *Confronting The Central Challenge Of Beta Cell Regeneration: Cell Lineage-Selective Activity* 

**Shyam Rajan Iyer** • Calgary, Canada. Chemistry, Dissertation Title: Characterizing Intermediates That Govern Reactivity in Mononuclear Nonheme Iron Enzymes

**Andrew Steven Kennard •** Seattle, Washington. Biophysics, Dissertation Title: *Determining the influence of the in-vivo environment on the wound response of keratocytes in the zebrafish epidermis* 

**Bonnie Krejci** • Linguistics, Dissertation Title: Syntactic and Semantic Perspectives on First Conjunct Agreement in Russian

**Anja Veronika Maria Krieger** • Classics, Dissertation Title: *People, Ships, and the Sea: Seafaring in the Eastern Mediterranean, c. 13th Century BCE to c. 4th Century BCE* 

**Eduardo Laguna Muggenburg •** Economics, Dissertation Title: *Essays in Economic Policy and Human Behavior* 

**Andrew William Lankenau** • Herndon, Virginia. Chemistry, Dissertation Title: *Carbonate-promoted C-C bond formation in solvent-free media and its application to polyamide synthesis* 

**Roy C. Lee •** Philosophy, Dissertation Title: *The Ethical Theory of Aristotle's Eudemian Ethics* 

**Christopher Lewis •** Boston, Massachusetts. Philosophy, Dissertation Title: *Inequality and the Distribution of Punishment* 

**Andrew Scott McKay** • Biology, Dissertation Title: *An Automatic Feeding System for the African Killifish Reveals Effects of Dietary Restriction on Lifespan and Allows Automatic Assessment of Rewardbased Learning Behavior* 

**Grace Mattie McKenna •** Chemistry, Dissertation Title: *Synthesis* and biophysical characterization of chlorosulfolipids and the synthesis of azamerone

**Sean William McLaughlin** • Chicago, Illinois. Physics, Dissertation Title: *Improving Inference of Cosmological Parameters with Advanced Statistical Techniques Using Simulations* 

**Nurlybek Mursaliyev** • Atyrau, Kazakhstan. Biology, Dissertation Title: *Effect of maternal obesity on preimplantation embryo development and non-invasive densitometry approach to select healthy embryos in mice* 

**Benjamin Lee Nosarzewski** • Physics, Dissertation Title: *Numerical Studies of Electron-Phonon Mediated Superconductors* 

**Taylor Orth •** Sugar Land, Texas. Sociology, Dissertation Title: *Trusting Men With Children: Understanding Childcare as Gendered Work* 

**Leanna Marie Owen •** Biophysics, Dissertation Title: *The dynamic linkage of actin to focal adhesions* 

**Hyun Shin Park** • Seoul, Korea. Chemistry, Dissertation Title: Application of Carbonyl Chemistry in the Detection, Modification, and Control of Biomolecules

**Rishi Nimesh Patel •** Cambridge, Massachusetts. Applied Physics, Dissertation Title: *Control and Tomography of Phonons in Cavity Optomechanical Nanostructures* 

**Kayvon Pedram •** Los Angeles, California. Chemistry, Dissertation Title: *Enzymatic and imaging based approaches to study the mammalian glycocalyx* 

**Laura Beth Persson •** Boston, Massachusetts. Biology, Dissertation Title: *Cellular Control of Viscosity Counters Changes in Temperature and Energy Availability* 

**Ciyang Qing •** Nanning, China. Linguistics, Dissertation Title: Semantic underspecification and its contextual resolution in the domain of degrees

**Artemis Seaford •** Athens, Greece. Political Science, Dissertation Title: *Autonomy, Intimacy, and the Law* 

**Aaron Layne Sharpe •** Oklahoma City, Oklahoma. Applied Physics, Dissertation Title: *Correlations in moiré heterostructures* 

**Rebecca Winslow Smaha** • Austin, Texas. Chemistry, Dissertation Title: *Synthesis and Characterization of Kagome Quantum Magnets and Novel Quantum Spin Liquid Candidates* 

**Katherine Lee Sytwu •** Morristown, New Jersey. Applied Physics, Dissertation Title: *In situ visualization and nanophotonic control of hydrogen-driven nanoscale phase transformation dynamics* 

**Elizabeth Margaret Ten-Hove •** Classics, Dissertation Title: Aeschylus and the Cultural History of Tragedy: Dramatic Connoisseurship, Ideology, and Poetics from the 5th Century BCE to the 5th Century CE

Charles James Titus • Physics, Dissertation Title: X-ray
Spectroscopy of dilute metalloproteins with a Transition-Edge Sensor
Yu Chi Tsao • Taipei, Taiwan. Chemistry, Dissertation Title: Probing
the Effect Of Polymer Coating, Carbon Material And Molecule
Enigineering Of Redox Organic Molecules For Durable Lithium-Sulfur
Patteries

**Monika Jane Williams •** Kingston, Pennsylvania. Chemistry, Dissertation Title: *Nonadiabatic Dynamics of Gas Phase Molecules in Collaboration with Ultrafast Experiment* 

**Andres J. Yany Anich** • Santiago, Chile. Economics, Dissertation Title: *Essays on the Economics of Housing Markets* 

## Doctor of Philosophy

DEGREES CONFERRED APRIL 1, 2021

**Bruno Gabriel Beltran •** Carlyss, Louisiana. Biophysics, Dissertation Title: *Coarse-grained chromatin models for meiotic homolog pairing* **Jack Richard Blundell •** London, United Kingdom. Economics, Dissertation Title: *Essays on Inequality* 

**Benjamin Patrick Burford •** Carmel Valley, California. Biology, Dissertation Title: *Organized grouping mediates the environmental interactions of social squids* 

**Ethan James Crace •** Scottdale, Pennsylvania. Chemistry, Dissertation Title: *Rational Preparation of Broadband-Light-Emitting Lead-Halide Materials* 

**Rikki Michelle Garner •** Garland, Texas. Biophysics, Dissertation Title: *Stability On The Edge: A Combined Experimental And Theoretical Investigation Into The Self-Organization Of Actin At The Leading Edge Of Migrating Cells* 

**Alexandre Vance Gauthier •** Applied Physics, Dissertation Title: Effects of Optical and Environmental Parameters on Angle-Resolved Photoemission from Materials

**Cortney Janelle Hamilton** • Iberian & Latin American Cultures, Dissertation Title: *Marriage, Money, and Mortality: Women in the Contemporary Novels of Benito Pérez Galdós* 

**Xizhi Han** • Physics, Dissertation Title: *Locality in Quantum Many-body Systems* 

**Tyler Steven Hernandez •** Wheaton, Illinois. Chemistry, Dissertation Title: *Electrolyte Design for Dynamic Windows Based on Reversible Metal Electrodeposition* 

**Ariel Benjamin Jacobs •** Mequon, Wisconsin. Chemistry, Dissertation Title: *Nuclear Resonance Vibrational Spectroscopic Studies Of The Biferric And High-Valent States Of Binuclear Non-Heme Iron Enzymes* 

**William Jay Keown •** Rockport, Indiana. Chemistry, Dissertation Title: *High-Valent Copper-Dioxygen Assemblies: Synthesis, Characterization, and Potential Relevance to Biological Systems* 

**Eunyeong Kim •** Chinese, Dissertation Title: Lee Yeung-hi's Quest for Ur-thirdworldness: with China's Ideological Flight and Lu Xun as Method

**Stewart Koppell •** Applied Physics, Dissertation Title: *New Optics for Low-Damage Electron Microscopy* 

**Se Joon Lim** • Applied Physics, Dissertation Title: A study of the photogalvanic effect in bismuth-based cuprate superconductors

**Elora Hayter Lopez-Nandam •** Biology, Dissertation Title: *Accumulation and heritability of mutations in reef-building corals* 

**Haiyu Lu •** Physics, Dissertation Title: *Investigation of Condensed Matter Systems with Resonant Inelastic X-ray Scattering* 

**Quang Luu Nguyen •** Ho Chi Minh, Viet Nam. Chemistry, Dissertation Title: Function-Oriented Synthesis: Design, Synthesis, And Evaluation Of Novel Protein Kinase C Modulators

**Zhuoran Ma** • Chemistry, Dissertation Title: *Biocompatible materials* for fluorescence imaging in the second near-infrared window

**Jacob Moe-Lange** • California. Biology, Dissertation Title: A role for a mechanosensitive ion channel in long-distance electrical signaling in Arabidopsis

**Iran Rafael Roman Guzman •** Uriangato, Mexico. Music, Dissertation Title: *Mathematical models of rhythm synchronization and anticipation* 

**Ariana Danae Sanchez •** Menlo Park, California. Biology, Dissertation Title: *Proximity labeling at non-centrosomal microtubule-organizing centers in C. elegans epithelial cells reveals mechanisms of microtubule regulation* 

**David Michael Sanchez** • San Diego, California. Chemistry, Dissertation Title: *Bringing To Light The Magic Of Photochemistry Via Ab Initio Nonadiabatic Molecular Dynamics*  **Gabriel Reuben Smith •** Biology, Dissertation Title: *Patterns in fungal community composition and decomposition* 

**Xulu Sun •** Biology, Dissertation Title: Cortical neural population dynamics for flexible motor control and motor learning

**Stephen Franklin Taylor** • Applied Physics, Dissertation Title: *A Scanning Quantum Cryogenic Atom Microscope at 6 Kelvin* 

**Jonathan Paul Timcheck •** Pittsburgh, Pennsylvania. Physics, Dissertation Title: *Efficient predictive coding in neural networks in the presence of disorder and delays* 

**Claire Marie Venard •** St. Louis, Missouri. Biology, Dissertation Title: Characterizing Cilium Disassembly in the Developmental Program of Chytrid Fungi

**Joon Young Yoon •** Economics, Dissertation Title: *Essays in Corporate Finance and Mobile Application Market* 

**Xiao Zhang •** Beijing, China. Applied Physics, Dissertation Title: *Machine Learning For FEL Optimization* 

## Doctor of Philosophy

**DEGREE CANDIDATES, JUNE 13, 2021** 

Ala Adnan Mohammad Alrababah • Amman, Jordan. Political Science, Dissertation Title: Media Manipulation at Home and Abroad Jose Miguel Andrade Lopez • Arvin, California. Biology, Dissertation Title: Nervous system evolution: A molecular genetic characterization of neuronal cell types in Saccoglossus kowalevskii Hernan Felipe Barahona Kunze • Economics, Dissertation Title: Equilibrium Effects of Public Policies

**Kari Bjorn Senkowski Barclay •** Bethesda, Maryland. Theater and Performance Studies, Dissertation Title: *Directing Desire: Intimacy Directing, Consent, and Simulated Sexuality on the Contemporary American Stage* 

**Calista Kurtz Bernard •** Mathematics, Dissertation Title: *Twisted homology operations* 

**David Adrian Berryrieser** • Salt Lake City, Utah. Applied Physics, Dissertation Title: Soliton Enabled Measurement of Lithium-7 Bose-Einstein Condensate Center of Mass Momentum

**Alexander Wyatt Bloedel •** New Canaan, Connecticut. Economics, Dissertation Title: *Essays on Inattention and Inequality* 

**Anna Boch •** Indianapolis, Indiana. Sociology, Dissertation Title: Freedom of Speech in a Partisan Age: Political Tolerance, Hate Speech, and Public Opinion

**Leonardo Brandao Barleta •** Curitiba, Brazil. History, Dissertation Title: *Empire in the Backlands: The Interiorization of Portuguese Colonization in Brazil, 17th and 18th centuries* 

**Jenifer Alexandra Brown •** Hillsborough, North Carolina. Biophysics, Dissertation Title: *Crystallographic studies of Ectonucleotide pyrophosphatase/phosphodiesterase 1* 

**Matthew Storm Bull** • Nederland, Colorado. Applied Physics, Dissertation Title: *Out of many, one: Distilling the physics of behavior for an animal without a brain* 

**Bjoern Klaus Buschbeck** • Kiel, Germany. German Studies, Dissertation Title: *Rosenkränze, Marienmäntel und Seelenhäuser. Gebets- und Andachtsübungen des Spätmittelalters zwischen Bildrede, Immersion und Figuration* 

**Elliot Kermit Canfield-Dafilou •** Music, Dissertation Title: Performing, Recording, and Producing Immersive Music in Virtual Acoustics

**Dean Mohammed Chahim** • Seattle, Washington. Anthropology, Dissertation Title: Flood Control Politics: Engineering, Urban Growth, and Disaster in Mexico City

**Sudi Chen •** Applied Physics, Dissertation Title: *High precision photoemission study of overdoped Bi2212 superconductors* 

**Zefeng Chen** • Hangzhou, China. Economics, Dissertation Title: Essays in the US Dollar Dominated International Financial Market

**Gowoon Cheon •** Seoul, Korea. Applied Physics, Dissertation Title: Data-driven Discovery of Low-dimensional Materials and Crystal Structure Search

**Calvin Ryan Cheung-Miaw** • Slingerlands, New York. Modern Thought and Literature, Dissertation Title: *Asian Americans and the Color-Line: An Intellectual History of Asian American Studies*, 1969-2000

**Thomas Andrew Chew** • Burlingame, California. Biophysics, Dissertation Title: *Structure and mechanism of the cation chloride cotransporter NKCC1* 

**Kaitlin Ching •** Biology, Dissertation Title: *Centriole and cilium* formation in the development of mouse olfactory sensory neurons

**Rachel Lynn Crane** • Biology, Dissertation Title: Resistance and Repair of Mechanical Fatique in Mussel Shells

**Livio Cuzzi Maya** • Rio de Janeiro, Brazil. Economics, Dissertation Title: *Informality and Macroeconomic Policy in Emerging Markets* 

**Minda Deng •** Chengdu, China. Applied Physics, Dissertation Title: *Tuning optical properties of 2D semiconductors via strain and electrostatic gating* 

**Glade Arthur Dlott** • Biology, Dissertation Title: A morphology framework for understanding fungal-bacterial interactions in soil **Anne Elizabeth Duncan** • Dallas, Texas. Biology, Dissertation Title: Pathogen Suppression of Host Defense: Weapons and Mechanisms of

**Catherine Baylin Duryea •** History, Dissertation Title: *Practicing Human Rights in the Arab world: International Law in 20th Century Advocacy* 

**Jonathan Collier Ettel** • Philosophy, Dissertation Title: *The Nature and Scope of Geometry in the Thought of Descartes and Newton* 

**Ashley Marie Fabrizio •** Mission Viejo, California. Political Science, Dissertation Title: *Contingent Radicalization: Government Repression and Ethnonationalist Political Mobilization* 

**Francois-Simon Fauteux-Chapleau •** Mathematics, Dissertation Title: *Invariants of codimension 2 contact submanifolds* 

**Julio Cesar Flores Servin •** Puerto Vallarta, Mexico. Biology, Dissertation Title: *Characterization of centromere assembly machinery interactions in Xenopus laevis* 

**Amy Delano Frankhouser** • Reston, Virginia. Chemistry, Dissertation Title: *Solvent-Free Carbonate-Promoted Transformations for CO2 Utilization* 

**Erik Fredner** • Charlottesville, Virginia. English, Dissertation Title: *Averaging Americans: Literature, Statistics, and Inequality* 

**Yan Gong** • Kunming, China. Biology, Dissertation Title: Functional Analysis of Polarity Protein Dynamics in the Arabidopsis Stomatal Lineage

**Rebecca LeAnn Gruskin** • Duluth, Minnesota. History, Dissertation Title: *Capitalism, Resistance, and Environment in Tunisia's Gafsa Phosphate Mining Region, 1880s-1960s* 

Nima Hamidi • Iran . Statistics, Dissertation Title: Minimax Regret Bounds for Stochastic Linear Bandit Algorithms

**Chloe Grace Hart •** Ithaca, New York. Sociology, Dissertation Title: The Hidden Costs of Sexual Harassment

**Jimmy He** • Mathematics, Dissertation Title: *Probability on groups:* Random walks and limit theorems

**Yiming He •** Shanghai, China. Economics, Dissertation Title: *Three Empirical Essays On The Historical Development Of Cities* 

**Kathryn Jayne Hedgecock •** Political Science, Dissertation Title: Deciphering the Implications of State-Sponsored Cyber Operations for IR Theory

**Jasmine Diana Hill •** Sociology, Dissertation Title: *The Hustle Ethic and the Spirit of Platform Capitalism* 

**Jennifer Marie Hope** • Chemistry, Dissertation Title: *Shining Light on TrkA*: *An Optobiological Approach to Dissecting Location-Specific TrkA Signaling* 

**Dharshani Lakmali Jayasinghe** • Kandy, Sri Lanka. Comparative Literature, Dissertation Title: *Towards Legal but Humane Border-Crossings: A Literary and Filmic Engagement with Visa Law and Policy* 

**Soo Kyo Jeong •** Korea. Economics, Dissertation Title: *Essays in Public Economics and Applied Econometrics* 

**Diego Javier Jimenez Hernandez •** Mexico. Economics, Dissertation Title: *Essays in Development Economics and Industrial Organization* 

**Luz Minerva Jimenez Ruvalcaba •** Inglewood, California. Modern Thought and Literature, Dissertation Title: *Your Tenderness for Truth* 

**Wil Kao •** Applied Physics, Dissertation Title: A dipolar quantum liquid trapped in quasi-one dimension

**Hannah Haejin Kim •** Philosophy, Dissertation Title: *Generating and Grounding Fictional Truth* 

**Devin Aalpoel King •** La Canada, California. Biology, Dissertation Title: *Genetic control of DNA damage susceptibility and mutagenesis in melanoma* 

**Lucy Sobey King •** Providence, Rhode Island. Psychology, Dissertation Title: *Teaching and Talking with Baby: Antecedents and Consequences of Enriching Input from Caregivers* 

**Lauren J. Lahey •** Ruidoso, New Mexico. Biophysics, Dissertation Title: *Elucidating molecular and cellular transport mechanisms of the innate immunotransmitter cGAMP for paracrine STING signaling* 

**Aaron Landesman •** New York, New York. Mathematics, Dissertation Title: *A thesis of minimal degree: two* 

**Olga Lenczewska** • Szczecin, Poland. Philosophy, Dissertation Title: *Kant and Rawls on the Moral and Political Development of Persons* 

**Jun Li** • Yantai, China. Chemistry, Dissertation Title: *From Planar to 3D lung-mimicking Electrochemistry* 

**Jonathan Richard Love** • Sayama-Shi, Japan. Mathematics, Dissertation Title: *Isogeny Graphs, Zero-Cycles, and Modular Forms:* Computations over Algebraic Curves and Surfaces

**Hans Lueders •** Tangermuende, Germany. Political Science, Dissertation Title: *Political Representation in Democratic and Autocratic Regimes* 

**Claire Kimberly Maass •** Proctor, Vermont. Anthropology, Dissertation Title: *A Collaborative Bioarchaeology Of African Diaspora And Enslavement In Colonial Cañete, Peru* 

**Alejandro Martinez Marquina** • Calatayud, Spain. Economics, Dissertation Title: *Essays on Behavioral Economics and Economic History* 

**Mejgan Massoumi** • History, Dissertation Title: *The Sounds of Kabul: Radio and the Politics of Popular Culture in Afghanistan*, 1960-79

**Camilla Mazzucato •** Bologna, Italy. Anthropology, Dissertation Title: *Unravelling the knot. A Socio-Material Approach to the Study of Neolithic Megasites: the View from Çatalhöyük* 

**Rebecca Lane McClellan •** Westwood, Massachusetts. Chemistry, Dissertation Title: *Amino acid-derived dynamic oligomers for the intracellular delivery of mRNA* 

**Cyle Michalka Metzger •** Art History, Dissertation Title: *Deep Cuts: Transgender History in US-American Art after World War II* 

**Hannah Marie Moots** • Nashville, Tennessee. Anthropology, Dissertation Title: *A Genetic History of Mobility in the Iron Age and Roman Mediterranean* 

**Alexandros Mousatov** • Palo Alto, California. Physics, Dissertation Title: *Recovering Information from Black Holes via String Spreading* **Connie Huiming Mousatov** • Physics, Dissertation Title: *Transport in strongly correlated materials* 

**Gregg Abe Muragishi** • Hacienda Heights, California. Psychology, Dissertation Title: Can I contribute here? Exploring how interpersonal treatment and mindset affect women's sense of fit in organizations

**Rachel Maureen Myrick •** Political Science, Dissertation Title: Partisan Polarization and International Politics

**Ethan Oliver Nadler •** Santa Fe, New Mexico. Physics, Dissertation Title: Faint Galaxies and Low-Mass Halos: Probes of Galaxy Formation and Dark Matter Physics

Matthew Edward Nestler • History, Dissertation Title: (Un)changing Inequality: Economic Life, Social Movements, and Policymaking during Years of Inflation in Urban Brazil, 1944-1978

**Dat Pham Nguyen** • Mathematics, Dissertation Title: On hyperbolic cone metrics, PSL(2,R)-character varieties, and branched coverings

**Georgios Michail Panagopoulos Alexandrou** • Physics, Dissertation Title: *Strong tails in Multifield Inflation* 

**William Jared Parmer •** Keystone Heights, Florida. Philosophy, Dissertation Title: *Making Meaning* 

**Mark Palmer Perlman •** Montreal, Canada. Mathematics, Dissertation Title: *Dark Pool Trading: Stochastic Control Meets Adaptive Allocation* 

**Zongjin Qian •** Wuxi, China. Economics, Dissertation Title: *Essays in the Economics of Housing and Labor Markets* 

**Brian Chrsitopher Raftrey** • Palo Alto, California. Biology, Dissertation Title: *Dach1 regulates the specification of coronary artery endothelial cells* 

**Karthik Rajkumar** • Secunderabad, India. Economics, Dissertation Title: Causal and Computational Methods for the Study of Labor Market Frictions

**Arpon Paul Raksit** • Dix Hills, New York. Mathematics, Dissertation Title: *The Filtered Circle* 

**Daniel Harrison Ranard •** Virginia. Physics, Dissertation Title: Whether local dynamics can be generated by local Hamiltonians

**Matthew Redmond •** Montreal, Canada. English, Dissertation Title: Living Too Long: The Extant Figure in American Literature

**Zhimei Ren •** Statistics, Dissertation Title: *Distribution-free inference in multiple testing and prediction problems* 

**Mike Shi** • Johnston, Iowa. Economics, Dissertation Title: *Essays on Debt Aversion* 

**Zhengshan Shi** • Shanghai, China. Music, Dissertation Title: Computational analysis and modeling of expressive timing in music performance

**Prastuti Singh** • Pullman, Washington. Applied Physics, Dissertation Title: *Synthesis and Characterization of BaSnO3 Membranes* 

**Michael Benjamin Sklar** • Statistics, Dissertation Title: Advances in contextual multi-armed bandits, dynamic treatment strategies, and Type 1 error rate guarantees in confirmatory adaptive multi-arm clinical trials

**Alana Faith Springer** • San Rafael, California. Anthropology, Dissertation Title: *Collective Action, Collective Hopes: Cross-cultural resource management in Aotearoa New Zealand's mataitai fishing reserves* 

**Matthew Colin Stone** • Abington, Pennsylvania. Theater and Performance Studies, Dissertation Title: Failure as Chance: Christoph Schlingensief's Inoperative Avant-Garde in the Age of Neoliberal Crisis

**Alastair Yuanhao Su •** Singapore. History, Dissertation Title: Capitalizing on Addiction: The United States, China, and the Transpacific Opium Economy, 1804-1909

**Alexandra Lauren Sukalo •** History, Dissertation Title: *The Soviet Political Police: The Establishment, Training, and Operations in the Soviet Republics, 1918-1953* 

**Jingyi Kenneth Tay •** Singapore. Statistics, Dissertation Title: Extending the Reach of the Lasso and Elastic Net Penalties: Methodology and Practice

**Chun Pong Lester Tong** • Psychology, Dissertation Title: *When neural and behavioral forecasting works: the critical role of matching* **Matthew Tyler** • Frederick, Oklahoma. Political Science,
Dissertation Title: *Essays in Political Methodology* 

**Joshua Alan Visser** • Delta, Utah. Chemistry, Dissertation Title: Interrogation of the E. coli biofilm using small molecule inhibitors and gene mutants

**Akhilendra Vohra -** Wilmette, Illinois. Economics, Dissertation Title: Essays in Market Design and Information Economics

**Daniel B. Walton •** Walnut Creek, California. Economics, Dissertation Title: *Writings on Microeconomic Theory and Finance* **Mai Wang •** English, Dissertation Title: *The Nonaligned Self: Asian Redeployments of the American Renaissance* 

**Shao-Fang Wang •** Psychology, Dissertation Title: *Structured* semantic knowledge mediates variability in episodic memory

**Callie Elizabeth Ward •** Carson City, Nevada. Iberian & Latin American Cultures, Dissertation Title: *Past Present: The Literature of Human Rights in Postdictatorial Brazil, Chile, and Argentina* 

**Hannah Katherine Wayment-Steele •** Flagstaff, Arizona. Chemistry, Dissertation Title: *Inferring RNA structure and stability via high-throughput experiment* 

**Sabrina Hawkes Werby •** Tiburon, California. Chemistry, Dissertation Title: *Defining Atomic-Level Composition in Mammalian* and Bacterial Whole Cells and New Discoveries in Biofilm Assembly, Structure, and Function

**Eli Wolf •** Elk Grove, California. Applied Physics, Dissertation Title: *Perovskite Solar Cells: Out of the Lab and Into a Panel* 

**Ka Man Wong •** Hong Kong. Biology, Dissertation Title: Retinoblastoma Protein Regulates Carcinogen Susceptibility at Cancer Driver Loci **Katherine Elizabeth Wullert •** Martinsville, New Jersey. Sociology, Dissertation Title: Learning on the Job Search: How Application Experiences Shape Labor Market Outcomes

**Tianyu Xie •** Ningbo, China. Anthropology, Dissertation Title: Making Connections and Investments: An Ethnography of China-to-US Venture Capital Business

**Steven Akira Yamada** • Chemistry, Dissertation Title: *Dynamics in Nanostructured Liquids and Surfaces Probed with Nonlinear Infrared and Optical Spectroscopies* 

**Fan Yang •** Wenzhou, China. Applied Physics, Dissertation Title: *Imaging Nematic Domains in Barium Iron Arsenide using a Scanning Quantum Cryogenic Atom Microscope* 

**Duygu Yildirim** • Istanbul, Turkey. History, Dissertation Title: *The Age of the Perplexed: Translating Nature and Bodies between the Ottoman Empire and Europe*, 1650-1730

**Ruxi Zhang •** Mountain View, California. Political Science, Dissertation Title: *Go West Young Han? Reclamation Corps and Armed Insurgency in China's Peripheral Regions* 

**Grace Haige Zhou •** Anthropology, Dissertation Title: *Parasitic Intimacies: Life, Love, and Labor in Post-Socialist Central Asia* 

**Zhengqing Zhou •** Mathematics, Dissertation Title: *Distributionally Robust Optimization and its Applications in Mathematical Finance, Statistics, and Reinforcement Learning* 

**Tom Zohar •** Ramat Hasharon, Israel. Economics, Dissertation Title: Essays on Fertility Choices and Labor Market Inequality

### School of Law

### Jenny S. Martinez, Dean

## Doctor of Jurisprudence DEGREES CONFERRED SEPTEMBER 24, 2020

Yunfei Fu · China

Josh Hedtke • San Diego, California



### Doctor of Jurisprudence

DEGREES CONFERRED JANUARY 7, 2021

Mondee Lu Peter Boshard Olson Daphna Lee Spivack



## Doctor of Jurisprudence DEGREES CONFERRED APRIL 1, 2021

**Robert A. Underwood** 



### Doctor of Jurisprudence

DEGREE CANDIDATES, JUNE 13, 2021

Alexis Abboud • Scottsdale, Arizona

Clement Akarmann • San Diego, California

Drew A. Alvarez • Bend, Oregon

Haley Lauren Amster • Granada Hills, California

Arielle Kyana Andrews • Jacksonville, Florida

Andrew Ascencio • Homer Glen, Illinois

Sara B. Asrat

Patrick Timothy Austin • Yukon, Oklahoma

Bree Bella Baccaglini • San Francisco, California

Alexandra Christina Bailey • Las Vegas, Nevada

Nitisha Baronia

Jaime Barrios • Mesa, Arizona

Helen Jane Bass • Kansas City, Missouri

Sarah Frieda Beller • San Francisco, California

**Christopher Bello** 

Taylor L. Benninger • North Brookfield, Massachusetts

Nathaniel Bernstein • San Francisco, California

William Bobseine • Fredonia, New York

**Dominic Booth** 

Justin Olivier Bryant • Johns Creek, Georgia

Monique M. Candiff • La Crescenta, California

Giuliana Chapelle Carozza • South Bend, Indiana

**Cristina Isabel Ceballos** 

Dante K. Chambers • Pasadena, California

Trillium Enreiso Chang • Taipei, Taiwan

Kevan Lew Christensen • Tempe, Arizona

Cameron T. Clevidence • Kalispell, Montana

Kelsey M. Clinton • Lynchburg, Ohio

Katherine Marcella Cole • Billings, Montana

Edward Alexander Crouse • Jefferson City, California

Alexandra M. Daniels • Baltimore, Maryland

Wesley Pierce DeVoll • Pasadenea, California Brett Timothy Diehl • Charlottesville, Virginia

Jamie Dohopolski

Henry T. Doran • Bethesda, Maryland

Paul R. Draper • Coatesville, Pennsylvania

Tayryn Alexis Edwards • Roseville, California

Alyssa Lauren Epstein · Austin, Texas

Brian M. Erickson • Tucson, Arizona

Taylor Alexandra Evensen • Sandy, Utah

Jason Fernandes • Malvern, Pennsylvania

Dakota Anne Foard • Atlanta, Georgia

William John Fowkes • Woburn, Massachusetts

Benjamin Andrew Franta • Elkader, Iowa

Evan Elizabeth Freeman • Baltimore, Maryland

Allison C. Gadsden • New York, New York

Ryan Kelly Gallagher • Sacramento, California

Katherine E. Giordano • Morristown, New Jersey

Rachel C. Glanz • Needham, Massachusetts

Elena Anastasia Goldstein

David Gonzalez • Los Angeles, California

David S. Gorsche • Indianola, Iowa

Claire Greenberg • Richmond, Virginia

Carly Grimes • Venice, Florida

Katherine Ellen Gwyn • Everett, Washington

John W. Hare-Grogg • Wilmington, North Carolina

Susan K. Harling • Garland, Texas

Sarah E. Harris • Lithia Springs, Georgia

Connor Pearse Hayes • Pittsburgh, Pennsylvania

Heather E. Hedges • Manhattan Beach, California

Mathias F. Heller • Alexandria, Virginia

Sven Eric Henningson III • Atlanta, Georgia

Bonnie L. Henry • Woodstock, Georgia

Carolina A. Herrera • Laredo, Texas

Benjamin Aaron Higgs • San Diego, California

Brandon Ho • Walnut, California

Kristin C. Holladay • Atlanta, Georgia

Collin Y. Hong • Princeton, New Jersey

Stephanie H. Hou • Des Moines, Iowa

Daniel P. Huddleston • Raleigh, North Carolina

Brock Donald Allen Huebner • Mauston, Wisconsin

Jeremy Ernest Hutton • Santa Barbara, California

Joseph A. Ingrao

Erika A. Inwald • Brooklyn, New York

Daniel J. Irvin • Kinston, North Carolina

Allison Catherine Ivey • Palo Alto, California

Mishi Praveen Jain • Houston, Texas

William Janover • New York, New York

Taylor Jaszewski • Midlothian, Virginia

Emma R. Kaeser

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for Spring Quarter are accurate as of June 8, 2021 after the application to graduate deadline. Confirmation of degrees conferred on June 13, 2021 may be requested from the Office of the University Registrar after June 17, 2021. Contact the Office of the University Registrar in the event of any questions or discrepancies.

Frank Cody Kahoe • Harrisburg, Pennsylvania

Rina Esther Kim • Seattle, Washington Hunter R. King • Tallahassee, Florida Helen Grace Kirkby • Irvine, California Mark Simon Krass • Toronto, Canada Ishan Kumar • Palmdale, California

Maria Elizabeth LaBella

Hope Colleen Landsem • West Linn, Oregon Caroline Lebel • Bethesda, Maryland Matthew Brandon Lee • San Jose, California

A D. Seen Lewis Houston Toyos

A. D. Sean Lewis • Houston, Texas
Diana Garnet Li • Brooklyn, New York
Andrew Albert Lubash • Beaverton, Oregon
Alyson M. Martin • Cleveland, Ohio
Lauren K. Martin • Montclair, New Jersey

Alejandro Martinez-Inzunza

**Katelyn Quinn Masket** • Thousand Oaks, California **Andrew James McCreary** • Salt Lake City, Utah

Jackson Reed McLaurin • Lufkin, Texas Joshua A. Mensah • Coatesville, Pennsylvania Rebekah Katherine Mercer • San Antonio, Texas

Alyssa Carmen Martinez • West Allis, Wisconsin

Benjamin Daniel Mercer-Golden • San Francisco, California

Robert W. Meyer • Chicago, Illinois

Christopher Alexander Middleton • Newport News, Virginia

Sean Mark Mihaljevich • Los Angeles, California

Laura B. Moraff

Natalie G. Moyce • Half Moon Bay, California

Lisa K. Muloma • Carmel, Indiana Shawn A. Musgrave • Tucson, Arizona Paige Alexandra Naig • Emmetsburg, Iowa

Ashley Yoshiye Nakai Ryan Nees • Kokomo, Indiana

Nicholas K. Neuteufel • Louisville, Kentucky Michael T. Norton • Lincoln, Arkansas

Colin John O'Brien Tara N. Ohrtman

Abigail L. Pace • Holladay, Utah

David Alexander Papirnik • Prague, Czech Republic

Ariella Park • Athens, Ohio Anna Barbara Patej

Michelle E. Portillo • Los Angeles, California

Emily Postman • Maine

**Peter A. Prindiville •** Woodstock, Illinois **Daniel Pablo Quintana •** Chula Vista, California

**Gregory Barrett Reeves •** Austin, Texas **Tyler Donovan Robbins •** Keokee, Virginia

Christopher Julian Rowe Harrison S. Ruprecht Grace Leila O'Hara Rybak • Minneapolis, Minnesota

Abdiel Santiago • Cape May, New Jersey

James Reed Sawyers • Mill Valley, California

Thomas P. Schubert • Warrenville, Illinois

Hannah R. Schwarz

Andrew Ian Semelhago • Canada

Yushi Shao • Jinhua, China

**Lauren Ware Shepard** • San Rafael, California **Cameron Drew Silverberg** • Studio City, California **Joel Maka Simwinga** • Independence, Kansas

**Noelle A. Smith** 

Rachel R. Sohl • Ashland, Oregon

Minkee Kim Sohn • San Francisco, California Jacob Oscar Sonnenberg • Los Angeles, California Elizabeth Starr • Washington, District of Columbia

Natalie M. Steiert • Linden, Michigan Jennifer R. Teitell • Pleasanton, California Samuel C. Telzak • Brooklyn, New York

Daphne Catherine Thompson • Oshkosh, Wisconsin

**Bryan David Thomson •** Boulder, Colorado

Joseph Tisch • New York, New York

Mary Ann Toman-Miller III

Charles A. Trevino • Phoenix, Arizona Maria E. Trujillo • Valhalla, New York

Emily Tu Justin Tzeng

Miles William Unterreiner • Gig Harbor, Washington Mallorie Lynn Urban • Wallingford, Connecticut Alex Francisco Urbina Favela • Miami, Florida Nicholas Browder Venable • Chattanooga, Tennessee

Nicholas N. Wallace Christie Ho Lam Wan Anne Michael Wanless

Samuel T. Ward-Packard • Lake Como, Wisconsin

Isaac Joseph Weitzhandler Joseph Thomas Westbrook

**Thomas Westphal** 

Phillip Hoyt Cordero Wilkinson • Albuquerque, New Mexico

Sinclair Williams • Leesburg, Virginia

Zachary Winters • Westlake Village, California

Elisa Jene Wulfsberg • San Antonio, Texas

Kelvin Zhiqiang Yang • Singapore, Singapore

Marianna Zabkowski • Round Hill, Virginia

Sarah Diane Zandi • Chappaqua, New York

Raquel Amelia Zepeda • Oakland, California

Amanda Danielle Zerbe Wanyu Zhang • Chengdu, China Ziyi Zhang • Shanghai, China

Michelle Zhao • Basking Ridge, New Jersey



#### Master of Laws

#### DEGREES CONFERRED JANUARY 7, 2021

 $\textbf{Hui Xiang Koh} \bullet \textbf{Singapore}, \textbf{Singapore}$ 

Pedro Henrique Maciel Fonseca • Brasília, Brazil



#### Master of Laws

DEGREE CANDIDATES, JUNE 13, 2021

**Ting Chen •** Taipei, Taiwan **Lea Hirschi •** Paris, France

Yusuke lino

**Torsten Andreas Kindt** • Heidelberg, Germany

Kyounghwa Lee • Seoul, Korea

Sarah Loecher • Israel
Hisatada Ohashi
Grace Park • Seoul, Korea

Ji Won Shin • Seoul, Korea Yumiko Shirayama • Japan



Master of the Science of Law DEGREE CANDIDATES, JUNE 13, 2021

Yu Tang Hsiao Miriam Wanjiku Karanja • Nairobi, Kenya Xu Zhang



## Doctor of the Science of Law DEGREES CONFERRED SEPTEMBER 24, 2020

**Claudio Alfonso Fuentes Maureira** • Santiago, Chile. Dissertation Title: *The Challenges and complexities of procedural legal transplants: the Case of Chile* 

**Anita Sue Jwa** • Seoul, Korea. Dissertation Title: *Neuroethics of Cognitive Enhancement* 



## Doctor of the Science of Law DEGREES CONFERRED APRIL 1, 2021

**Arjuna Charles Dibley •** Melbourne, Australia. Dissertation Title: *Why Does Leviathan Innovate? The Law And Economics Of Technological Change At State-Owned Electric Utilities* 



## Doctor of the Science of Law DEGREE CANDIDATES, JUNE 13, 2021

**Vyoma Jha** • New Delhi, India. Dissertation Title: *India's Moment in the Sun: Inside the Making of the International Solar Alliance* **Hai Jin Park** • Seoul, Korea. Dissertation Title: *Incentivizing Cybersecurity Through Liability and Insurance* 

### School of Medicine

### Lloyd B. Minor, Dean

#### **Master of Science**

#### DEGREES CONFERRED SEPTEMBER 24, 2020

**Alexis Marie Amano •** Community Health and Prevention Research **Enrique Cazares-Navarro •** Parlier, California. Community Health and Prevention Research

**Julia Mae Chandler •** Palo Alto, California. Health Policy **Stephanie Meesun Cho •** Fullerton, California. Community Health and Prevention Research

**Gregory Pinto Goldstein •** Epidemiology and Clinical Research **Aceel Hawa •** Toronto, Canada. Community Health and Prevention Research

**Sierra Kawenaokahokuwelowelo Hirayama •** Kāne'ohe, Hawaii. Community Health and Prevention Research

**Mariko Kanda Kelly •** Del Mar, California. Community Health and Prevention Research

Carolyn Kim • Medicine

**Helen Jee Eun Kim •** Human Genetics and Genetic Counseling **Oksana Kutsa •** Hamtramck, Michigan. Community Health and Prevention Research

**Madelyn Rose Larson •** Laboratory Animal Science

**James Robert Grant MacFarlane •** Greenwich, Connecticut. Biomedical Informatics

**Jessie Belle Moore •** Dallas, Texas. Community Health and Prevention Research

**Efrat Nehoran •** Tracy, California. Biomedical Informatics **Rajdeep Pooni •** Health Policy

John Frederick Sencaj • Laboratory Animal Science

**Stephanie Grace Sila •** Miami Beach, Florida. Epidemiology and Clinical Research

**Abdullah Sulieman Terkawi •** Santa Clara, California. Epidemiology and Clinical Research

Kelly A. Tomins • Raleigh, North Carolina. Genetics

Stacie Marie Vilendrer • Eden Prairie, Minnesota. Health Policy

**Blanca Isabel Villanueva •** Manila, Philippines. Biomedical Informatics **Kirthana Anjali Wignarajah •** Pleasanton, California. Community Health and Prevention Research

Juan Manuel Zambrano Chaves • Biomedical Informatics
Anne Lauren Zlatow • Laboratory Animal Science

## Master of Science

#### DEGREES CONFERRED JANUARY 7, 2021

Ariane Sophia Blank • Bend, Oregon. Cancer Biology

Kara Kimberly Brower • Maryland. Medicine

**Jeff Choi** • Stanford, California. Epidemiology and Clinical Research **Manuel Garcia Toca** • Health Policy

Huijie Huang • Shanghai, China. Laboratory Animal Science

**Tiffany Rebecca Jow** • San Ramon, California. Community Health and Prevention Research

**Mohan Liu •** Shijiazhuang, China. Laboratory Animal Science **Carlos Jose Suarez Valencia •** Mountain View, California. Biomedical Informatics

Christine Zhao • Chicago, Illinois. Medicine



#### **Master of Science**

#### DEGREES CONFERRED APRIL 1, 2021

**Thomas Adam Bonham •** Portola Valley, California. Laboratory Animal Science

**Yadira Castaneda Nunez •** Cashmere, Washington. Physician Assistant Studies

Alvin Chiu • San Jose, California. Laboratory Animal Science

Dylan D. Cooper • Bethalto, Illinois. Epidemiology and Clinical

Research

**Jessica Mae Gash** • Malibu, California. Physician Assistant Studies **Jordan J. Green** • Buena Vista, Colorado. Physician Assistant Studies

**Emily Kay Guthrie •** Silver Spring, Maryland. Biomedical Informatics

**Sarah Bernadette Haase •** Rockville, Maryland. Physician Assistant Studies

**Claire Louise Jacobson •** Chicago, Illinois. Community Health and Prevention Research

**Derek Russell Jow •** Redwood City, California. Biomedical Informatics

**Laura-Natalie Nordblom Jude •** Physician Assistant Studies **Alexandra C. Kennedy •** Monterey, California. Community Health and Prevention Research

**Yurim Kwon** • Hwaseong-si, Korea. Community Health and Prevention Research

Myung Chang Lee • Seoul, Korea. Cancer Biology

**Katharine Emma Bierschenk Lorey •** Oak Park, California. Physician Assistant Studies

**Kara Lee Lubieniecki •** Lakewood, Colorado. Physician Assistant Studies

**Ariela Reyna Mascarinas •** Sunnyvale, California. Physician Assistant Studies

**Morgan McMahon •** Mooresville, North Carolina. Physician Assistant Studies

**Michelle Marie Moore •** Tonawanda, New York. Physician Assistant Studies

**Ann Thien Nguyen •** Union City, California. Community Health and Prevention Research

**Dzung Cong Nguyen •** Moreno Valley, California. Physician Assistant Studies

**Zachary Gerard O'Leary •** Wethersfield, Connecticut. Physician Assistant Studies

Nicholas Phillips • Palo Alto, California. Biomedical Informatics

Andy Eleazar Renteria • Emporia, Kansas. Biochemistry

**Harsh Shah** • Stem Cell Biology and Regenerative Medicine

Sophia Devinder Sidhu • Epidemiology and Clinical Research

**Ebony Danielle Webber •** Prince George's County, Maryland. Laboratory Animal Science

Masaki Ray Yamada • Biomedical Informatics

**Emily Lynn Yang •** Pasadena, California. Physician Assistant Studies

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for Spring Quarter are accurate as of June 8, 2021 after the application to graduate deadline. Confirmation of degrees conferred on June 13, 2021 may be requested from the Office of the University Registrar after June 17, 2021. Contact the Office of the University Registrar in the event of any questions or discrepancies.



#### **DEGREE CANDIDATES, JUNE 13, 2021**

**Nivedita Ahlawat •** San Jose, California. Human Genetics and Genetic Counseling

Wilson Mawutor Alobuia • Tema, Ghana. Health Policy Sheun Aluko • Memphis, Tennessee. Biomedical Informatics Vardhaan Sai Ambati • San Jose, California. Biomedical Informatics

**Jacqueline Virginia Aredo** • Epidemiology and Clinical Research **Amee Deepak Azad** • Floyds Knobs, Indiana. Epidemiology and Clinical Research

**Shalmali Sunil Bane •** Pune, India. Epidemiology and Clinical Research

Yair Bannett • Health Policy

**Shannon Michelle Byrnes •** Tall Timbers, Maryland. Physician Assistant Studies

Eli Marcel Cahan • New York, New York. Health Policy

**Shweta Amy Chawla •** Fremont, California. Community Health and Prevention Research

**Hoyee Hannah Cheng •** Epidemiology and Clinical Research **Angela Christine Chong •** East Palo Alto, California. Physician Assistant Studies

**Rebecca Dang •** Honolulu, Hawaii. Epidemiology and Clinical Research

**Brooke Danielle Edelson •** Portland, Oregon. Physician Assistant Studies

Jacob Edelson • Biomedical Informatics

**Braeden Kanoe Ego •** Human Genetics and Genetic Counseling **Kathryn Alice Teresa Elliott •** San Carlos, California. Human Genetics and Genetic Counseling

Sue Fu • Health Policy

**Pablo Rodrigo Garcia Hurtarte •** Guatemala, Guatemala. Epidemiology and Clinical Research

**Redeat Hailu Gebeyehu •** Addis Ababa, Ethiopia. Community Health and Prevention Research

Lea Hix • Physician Assistant Studies

Jodie Brice Horowitz • Huntington Beach, California. Epidemiology and Clinical Research

**Julianna Claire Hsing •** Menlo Park, California. Epidemiology and Clinical Research

**Javarcia Davon Ivory •** Clinton, Mississippi. Epidemiology and Clinical Research

**Justin Lee Jia •** Irvine, California. Epidemiology and Clinical Research

Yan Jiang • Epidemiology and Clinical Research

**Anjali Ravi Jotwani •** Austin, Texas. Epidemiology and Clinical Research

**Aydin Kaghazchi** • Irvine, California. Epidemiology and Clinical Research

**Sandra Tian-Jiao Kong •** Wichita Falls, Texas. Biomedical Informatics

Jill Krissberg • Chicago, Illinois. Health Policy

**Jeffrey Wing Kee Kwong •** Saratoga, California. Epidemiology and Clinical Research

**Jessica Barbara Lanman •** Danville, California. Physician Assistant Studies

**Amanda Lauren Lee •** Hong Kong. Epidemiology and Clinical Research

**Gabriella Xinru Lee •** Hayward, California. Human Genetics and Genetic Counseling

**Jiwoo Lee •** Boston, Massachusetts. Biomedical Informatics **Allison Diana Leibold •** Laguna Niguel, California. Physician Assistant Studies

**Emanuella Magalhaes Leite •** Physician Assistant Studies **Anita Christine Leiva •** Physician Assistant Studies

**Yiheng Li** • Biomedical Informatics

**Hannah Claire Llorin •** Catonsville, Maryland. Human Genetics and Genetic Counseling

**Christopher Jacob Magnani •** Philadelphia, Pennsylvania. Health Policy

**Erika Paige Malaspina •** Santa Cruz, California. Biomedical Informatics

**Kathleen Elizabeth Murphy •** Human Genetics and Genetic Counseling

Jackie Thanh Van Nguyen • Physician Assistant Studies Yeon-Kyeong Noh • Seoul, Korea. Epidemiology and Clinical Research

**Haley Grace O'Brien •** Bethel, Alaska. Community Health and Prevention Research

**Keaton Alexander Ollech •** Victoria, Canada. Biomedical Informatics

Divya Ahuja Parikh • Health Policy

**Judith Shanika Pelpola •** Reseda, California. Epidemiology and Clinical Research

**Miles Reuben Picus •** Singapore, Singapore. Human Genetics and Genetic Counseling

Radhika Yogendrasinh Raj • Physician Assistant Studies Shannon Christy Richardson • Los Gatos, California. Epidemiology and Clinical Research

Joelle Ivy Rosser • Epidemiology and Clinical Research
Janelle Nicole Ruiz • Epidemiology and Clinical Research
Christina Styliani Savvides • Sequim, Washington. Biomedical
Informatics

**Olivia Premwati Sawh •** Raleigh, North Carolina. Physician Assistant Studies

Rahwa Sebhatu • Asmara, Eritrea. Physician Assistant Studies Jennifer Siranosian • Sandwich, Massachusetts. Human Genetics and Genetic Counseling

**Keanu Phillip Spies** • Johannesburg, South Africa. Biomedical Informatics

**Caroline Rose Stanclift •** Camden, Maine. Human Genetics and Genetic Counseling

**Taylor Alise Stanton •** Warrenton, Virginia. Epidemiology and Clinical Research

**Elaine Su** • Fullerton, California. Epidemiology and Clinical Research

**Nicole P. Taylor** • Moraga, California. Biomedical Informatics **Angeline Ai-Nhi Truong** • Pleasanton, California. Community Health and Prevention Research

Victoria Valverde Rambaud • Spain. Biomedical Informatics Sophia Ying Wang • Daly City, California. Biomedical Informatics Shanice Renee Watts • Vallejo, California. Physician Assistant Studies

**Alyssa Mae Weaver •** Clifton, Virginia. Physician Assistant Studies **Kirbi Yelorda •** Kansas City, Missouri. Health Policy

Natalie Chin Wen Yu • Community Health and Prevention Research Zicheng Zhao • Laboratory Animal Science

Yinan Zheng • Hangzhou, China. Laboratory Animal Science



**DEGREE CONFERRED APRIL 1, 2021** 

Diana Julia Chang

Michael Ang Fu • Columbus, Ohio

Cara Lai

Trishna Harneet Narula • Houston, Texas

Saad Ali Syed • Chicago, Illinois



#### DEGREE CANDIDATES, JUNE 13, 2021

Amin Aalipour • San Diego, California Natasha Abadilla • Kekaha, Hawaii Nia Tope Adeniji • San Leandro, California

**Sheun Aluko •** Memphis, Tennessee **Jacqueline Virginia Aredo** 

Nagehan Ayakta • Istanbul, Turkey

Amee Deepak Azad • Floyds Knobs, Indiana
Razina Aziz-Bose • Lexington, Massachusetts
Joetsaroop Singh Bagga • Edison, New Jersey

Amira Barkal • Cedar Rapids, Iowa

Daniel Fischbein Berenson • Newton, Massachusetts

Isabel Beshar • Stanford, California

Drew Birrenkott • McFarland, Wisconsin

**Jacob Aaron Blythe** 

Arthur Ryan Brant • Canfield, Ohio

Ryan Charles Leung Brewster • Manchester, Massachusetts

**Tyler Scott Bryant** 

Christopher Calkins • Concord, Massachusetts

**Clare Cameron** 

John George Douglas Cannon • Toronto, Canada Anna Laura Carroll • Los Alamos, New Mexico Sandrene Janice Cassells • Miami, Florida

Binbin Chen • Fuzhou, China

Thomas Andrew Chew • Burlingame, California

Sara Choi

Elizabeth Anne Connelly • Spokane, Washington

Ritika Dutta • Irvine, California

Jeffrey Garnet Edwards • Arlington, Texas

Osama Mohamed El-Gabalawy • Huntington Beach, California

**Holly C. Elser •** Philadelphia, Pennsylvania **Victor Albert Eng •** San Francisco, California **Rami Mamun Ezzibdeh •** Amman, Jordan

**Orly Nadell Farber** 

Neil Gandhi

Megan Marie Garland • Phoenix, Arizona Gunsagar Singh Gulati • Broomfield, Colorado Jessica Erin Hawkins • Airmont, New York Sydney Fitzgerald Hemphill • Houston, Texas

**Brian Hsueh** • Palo Alto, California **Galym Imanbayev** • Palo Alto, California **David Maschil James** • Los Angeles, California

Michelle Qiushuang Jin

Anjali Ravi Jotwani • Austin, Texas

Bina Wasunga Kakusa

**Daniel Sunwook Kim** 

Harriet Nampima Kiwanuka

Anusha Mohan Kumar • Moline, Illinois

Jeffrey Wing Kee Kwong • Saratoga, California

Krystal Ya-Fong Lai • Irvine, California

Dana Angell Leonard • Concord, Massachusetts

Noemie Catherine Levy • Paris, France

Angela Shan Li • San Jose, California

Steven Domenic Losorelli • Sierra Madre, California

Katherine Marie Lyman • Cary, North Carolina

Christopher Jacob Magnani • Philadelphia, Pennsylvania

Owen Charles Marecic • Tigard, Oregon

Ivan Daniel Mayor • Colorado Springs, Colorado

**Arek Viken Melkonian •** Laguna Niguel, California

Pamela Katherine Meza • Yorba Linda, California

Jung Gi Min • Walnut Creek, California

Amar Mirza • Hiram, Georgia

Jacob Alexander Mooney • Westford, Massachusetts

Anthony Joseph Nastasi Jr. • Washington Township, New Jersey

**Mee Won Park** 

Jeddeo M. Paul · Lakewood, Colorado

Judith Shanika Pelpola • Reseda, California

Brandon Huy Pham • Huntington Beach, California

John Vincent Pluvinage • Atherton, California

Arifeen Sylvanna Rahman • San Jose, California

Maya Kavita Ramachandran • Fremont, California

Hannah Kouh Rasmussen • Pittsford, New York

Mary-Grace Roberts Reeves • Pensacola, Florida

Rosyli Francis Reveron Miramontes • Victorville, California

Caitlin Marie Roake • San Carlos, California

**Tatiana Riva Rosenblatt •** Berkeley, California **Torsten Jacob Rotto •** Woodbury, Minnesota

Janelle Nicole Ruiz

Tanmaya Sambare • Burr Ridge, Illinois

Richard Whitten Sapp • San Diego, California

Emily Joy Shearer • Lafayette, California

Navika Dixit Shukla • Chicago, Illinois

Yesde Son • Seoul, Korea

Andre David Souffrant • Grafton, Massachusetts

Yong Tang • Cupertino, California

William Tate • Chapel Hill, North Carolina

Gerald Chunt-Sein Tiu

Thao Tran • Houston, Texas

Nicole Marie Urman • Tucson, Arizona

Onyemaechi Brandon Uzosike • Cincinnati, Ohio

Maite Beatrice Van Hentenryck • Providence, Rhode Island

Daivik Bhargav Vyas • Rancho Cucamonga, California

Kiah Marie Williams • Evergreen, Colorado

Clare Elizabeth Wise • Manson, Washington

**Sandy Wong •** New York City, New York

Catherine Yao Yao • Cupertino, California

Michelle Yu Zhang • Los Angeles, California Wendy Yunwen Zhang • Los Altos Hills, California

Emma Jane Zhao

Bright Pan Zhou • Castro Valley, California

## Doctor of Philosophy

#### **DEGREES CONFERRED SEPTEMBER 24, 2020**

**Eliza Lynne Adams •** Mendham, New Jersey. Neurosciences, Dissertation Title: *Mapping functional and structural plasticity in the adult brain with novel volume imaging-based methods* 

Rachel Marie Agoglia • Genetics, Dissertation Title: Methods For Measuring Selection On Coding Regulatory Elements And Gene Expression Divergence Between Human And Chimpanzee Brain Development In Vitro

**Esha Atolia •** Tallahassee, Florida. Chemical and Systems Biology, Dissertation Title: *Methodologies for uncovering hidden information at molecular and cellular scales* 

**Noo Ri Chai** • Daegu, Korea. Neurosciences, Dissertation Title: Genetic screens to understand the C9ORF72 repeat expansion in amyotrophic lateral sclerosis

**Stephen Chang** • Biochemistry, Dissertation Title: A new genetic model organism for primate-specific cardiac function and disease

**Yiwen Chen** • Suzhou, China. Chemical and Systems Biology, Dissertation Title: Landscape Of Protein Aggregation And Qualty Control In Vertebrate Aging And A Case Study On Prion-Like Aggregation

**Deshka Stonorov Foster •** Phoenixville, Pennsylvania. Cancer Biology, Dissertation Title: *Fibroblast Response to Tissue Injury and Neoplasia* 

**Ashley Elizabeth Gonzalez •** San Bernardino, California. Neurosciences, Dissertation Title: *Investigating Mitochondrial Transport And Quality Control In Drosophila Melanogater Models Of Neurodegenerative Disease* 

**Gunsagar Singh Gulati •** Broomfield, Colorado. Cancer Biology, Dissertation Title: *Cytometric and Genomic Dissection of Normal and Neoplastic Stem Cell Hierarchies* 

**Andrew Guzman •** Microbiology and Immunology, Dissertation Title: Determining the role of Tomato Atypical Receptor Kinase 1 in pattern triggered immunity

**Emily Kolenbrander Ho** • Developmental Biology, Dissertation Title: *Spatial and temporal constraints imposed on the Hedgehog pathway by the primary cilium* 

**Marisa Hom** • Chemical and Systems Biology, Dissertation Title: Two sides of the same coin: Separable inhibitory action against GLI and ALDH1B1 activity

**Sean Alexander Hunter** • San Diego, California. Cancer Biology, Dissertation Title: *Engineering novel leukemia inhibitory factor inhibitors as cancer therapeutics* 

**Themasap Ahmad Khan** • North Brunswick, New Jersey. Stem Cell Biology and Regenerative Medicine, Dissertation Title: Functional Neuronal Defects in a Human 3D Cerebral Cortical Model of 22q11.2 Deletion Syndrome

Rebecca Ani Leylek • Clemson, South Carolina. Immunology, Dissertation Title: High Dimensional Analysis of the Human Dendritic Cell Network: Discovery of a Novel Transitional Dendritic Cell Population Related to Plasmacytoid Dendritic Cells

**Yun Ling •** Xi'an, China. Biomedical Informatics, Dissertation Title: Application Of Multiple Imputation In Propensity Score Methods With Partially Observed Covariates

**Michelle Marie Lissner •** Microbiology and Immunology, Dissertation Title: *Host metabolism controls malaria outcome* 

**Chelsea Kliebert Longwell •** New Orleans, Louisiana. Chemical and Systems Biology, Dissertation Title: *Engineering novel peptide agonists of the glucagon-like peptide-1 receptor* 

**Jonathan Mares** • Gardena, California. Chemical and Systems Biology, Dissertation Title: A Stress Response That Allows Highly Mutated Cells To Survive and Proliferate

**Cesar Marquez** • Aguascalientes, Mexico. Cancer Biology, Dissertation Title: *Leveraging Protein Evolution to Elucidate* Oncogenic Cytokine Signaling Axes and Develop Novel Therapeutics for Highly Lethal Cancers

**Julia Luna McKechnie •** Renton, Washington. Immunology, Dissertation Title: *Defining the human innate immune response to dengue virus infection* 

**Katherine Lee McNamara** • Jacksonville, Florida. Cancer Biology, Dissertation Title: *Quantifying Tumor Evolutionary Dynamics and Predictors of Response in HER2-positive Breast Cancer Treated with Targeted Therapy* 

Amanda Marie Papakyrikos • Massachusetts. Developmental Biology, Dissertation Title: Investigating the function of a mitochondrial phosphatase, PTPMT1, in Drosophila melanogaster Samantha Nicole Piekos • Naperville, Illinois. Stem Cell Biology and Regenerative Medicine, Dissertation Title: Using chromatin dynamics to understand transcriptional regulation and genetic

**Kali Meredith Pruss •** Madison, Wisconsin. Microbiology and Immunology, Dissertation Title: *Mechanistic metabolic interactions between gut microbiota and host* 

**Guillaume Jean Riesen •** Neurosciences, Dissertation Title: *Human Perception of Intermediately-Fusible Visual Stimuli* 

**Stylianos Serghiou •** Nicosia, Cyprus. Epidemiology and Clinical Research, Dissertation Title: *Machine-driven meta-research:* The application of big data approaches to map openness and transparency across the biomedical research literature

**Craig Smail** • Hawick, United Kingdom. Biomedical Informatics, Dissertation Title: *Transcriptomic-Informed Rare Variants in Common and Rare Disease Diagnosis* 

Krissie Tellez • Temecula, California. Developmental Biology, Dissertation Title: Gluca-Gone: An Examination Of Glucagon Secretion From Human Islets And Stem Cell-Derived Alpha-Like Cells Transplanted In A Novel Glucagon-Null Mouse

**William David Winter Van Treuren** • Denver, Colorado. Microbiology and Immunology, Dissertation Title: *Advancing Microbial Metrology To Reveal Microbe-Microbe*, *Microbe-Host, And Microbe-Environment Interactions* 

**Kathleen Tamara Watson •** Ann Arbor, Michigan. Epidemiology and Clinical Research, Dissertation Title: *Epidemiologic Approaches To Investigating The Relationship Between Insulin Resistance And Major Depressive Disorder* 

**Kristen Lynn Wells •** Leadville, Colorado. Genetics, Dissertation Title: *Immune development at single cell resolution* 

**Steven Carl Wilson •** California. Molecular and Cellular Physiology, Dissertation Title: *Synaptic Neurexin-Neurexophilin Complexes:* Structural Insights, Mechanistic Regulation by Alternative Splicing, and the Search for the Molecular Organization of the Brain

Darvin Yi • Biomedical Informatics, Dissertation Title: Improving Medical Image Segmentation By Designing Around Clinical Context Siming Zhang • Genetics, Dissertation Title: Molecular effects of the 15q13.3 microdeletion in an induced pluripotent stem cell model Qi Zhao • Immunology, Dissertation Title: Defining natural killer cell responses to HIV

# Doctor of Philosophy DEGREES CONFERRED JANUARY 7, 2021

**Michelle Atallah •** Rohnert Park, California. Cancer Biology, Dissertation Title: *Development and Application of an Intercellular Immune Interaction Network* 

**Reema Baskar** • Singapore, Singapore. Cancer Biology, Dissertation Title: *Decoding cellular diversity in complex biological systems* 

**Elizabeth Helen Beam •** Solon, Ohio. Neurosciences, Dissertation Title: *A data-driven ontology of brain function: Engineered, interrogated, and clinically applied* 

**Susan Matlock Brewer •** Microbiology and Immunology, Dissertation Title: *Pathogenic bacterial innate immune evasion mechanisms* 

**Spencer Martin Cesar •** Microbiology and Immunology, Dissertation Title: *Determining the bacterial response to environmental stresses* 

**Alicja Maria Cygan •** Microbiology and Immunology, Dissertation Title: *Identification of proteins at the parasitophorous vacuole membrane of Toxoplasma gondii* 

**Nicole Marie Davis •** Grantsburg, Wisconsin. Microbiology and Immunology, Dissertation Title: *The role of host arginine metabolism in murine malaria* 

**Jessica Lynn Diaz** • Saranac, Michigan. Neurosciences, Dissertation Title: *microRNA controls over cortical projection neuron development* 

**Matthew George Durrant •** Salt Lake City, Utah. Genetics, Dissertation Title: *Mobile Genetic Elements: Mechanisms of Microbial Evolution and Reservoirs of Genome Engineering Tools* 

**Carl Takeshi Johnson •** San Mateo, California. Stem Cell Biology and Regenerative Medicine, Dissertation Title: *Genetically mapping adipogenesis by using a genome-wide CRISPR-based screen* 

**Samuel Christopher Kimmey •** Clifton Park, New York. Developmental Biology, Dissertation Title: *Mapping Single Cell Protein & Biosynthesis Dynamics Across Human Embryonic & Adult Stem Cell Specification* 

**Garrett Alan Kingman** • Stanford, California. Developmental Biology, Dissertation Title: *The genetic basis of parallel and divergent evolution in threespine stickleback* 

**Kyle Murphy Kovary** • Encinitas, California. Chemical and Systems Biology, Dissertation Title: *Single cell mass spectrometry and the effects of protein expression variation and correlation on pathways* 

**Cesar Joel Lopez Angel •** San José, California. Immunology, Dissertation Title: *Shared signatures of immune dysfunction in chronic inflammatory states revealed by system-wide immune monitoring* 

**Kevin Ross Parker** • Woodinville, Washington. Stem Cell Biology and Regenerative Medicine, Dissertation Title: *Using high-throughput genomics to open and understand new biological questions* 

**Camarin Ellen Rolle •** Novato, California. Neurosciences, Dissertation Title: *Investigating the Neural Basis of Approach-Avoidance Conflict* 

Akshay Sanghi • Ames, Iowa. Genetics, Dissertation Title: Leveraging Multi-omics Integration To Characterize Human Cancer Anna Shcherbina • Biomedical Informatics, Dissertation Title: Learning genomic and molecular mediators of genotype-phenotype associations **Christopher Darryl Still II** • Vacaville, California. Stem Cell Biology and Regenerative Medicine, Dissertation Title: *Coupling single cell RNA sequencing with crispr perturbation and using single cell RNA sequencing to profile musculoskeletal injuries and disease* 

**Terence Charles Theisen •** Microbiology and Immunology, Dissertation Title: *Transcriptional Dynamics Of A Large Family Of Surface Protein Genes In Toxoplasma Gondii* 

**Benjamin Reyes Topacio** • Union City, California. Cancer Biology, Dissertation Title: *The Mechanism Of Helix-Based Docking Between Cyclin D-CDK4*,6 *And The Retinoblastoma Protein* 

**Christophe Toukam Tchakoute** • Epidemiology and Clinical Research, Dissertation Title: *Bridging the gap between design and analysis when making inference using observational HIV data* 

**Molly Kathryn Javier Uyeda** • Stem Cell Biology and Regenerative Medicine, Dissertation Title: *Molecular mechanisms governing the identity and clinical functionality of type 1 regulatory t cells* 

**Robin William Alexander Koerner Yeo •** Toronto, Canada. Genetics, Dissertation Title: *Chromatin accessibility dynamics underlie a decline in neural stem cell migratory ability with age* 

## Doctor of Philosophy

**DEGREES CONFERRED APRIL 1, 2021** 

**Benjamin Nikola Bell** • Dallas, Texas. Molecular and Cellular Physiology, Dissertation Title: *Interrogating a new HIV-1 vaccine target in the gp41 C-heptad repeat* 

**Gun Woo Byeon •** Genetics, Dissertation Title: Functional and structural mapping of 5' UTR cis-regulatory elements that control translation

**Brayon Joseph Fremin** • New Iberia. Genetics, Dissertation Title: *Ribonucleic Acids in the Microbiome* 

**David Richard Glass** • Immunology, Dissertation Title: *Applied single-cell methods for basic and translational immunology* 

**Kevin Alexander Guttenplan •** Amarillo, Texas. Neurosciences, Dissertation Title: *What do reactive astrocytes do?* 

**Albert Weston Hinman •** Smithfield, Virginia. Genetics, Dissertation Title: *C. elegans DSB-3 Reveals Conservation And Divergence Among Protein Complexes Promoting Meiotic Double-Strand Breaks* 

**Ian Lisle Linde •** Woodinville, Washington. Immunology, Dissertation Title: *Neutrophils eradicate tumors via reactive oxygen species in response to immunotherapy* 

**Sharon Yuan-Fu Lu •** Neurosciences, Dissertation Title: *Molecular mechanisms of synaptic vesicle biogenesis* 

**Tawaun Autry Lucas •** Compton, California. Neurosciences, Dissertation Title: *Neuroimmune connections in the spleen: A first look at spleen glia* 

**Leslie Johanna Mateo •** San Francisco, California. Developmental Biology, Dissertation Title: *Applying super-resolution microscopy to investigate the regulatory structure of the genome* 

**Patricia Loren Rayos Nano •** Manila, Philippines. Chemical and Systems Biology, Dissertation Title: *Mapping the structure-activity landscape of ARHGAP36* 

**Margaux Marie Pinney •** Biochemistry, Dissertation Title: *The Molecular Forces Shaping Enzyme Function And Evolution: From Hydrogen Bonds To Enzyme Temperature Adaptation* 

**Aparna Rajiv Rajpurkar •** Mission Viejo, California. Genetics, Dissertation Title: *Beyond Enhancer-Promoter Contact: Leveraging Deep Learning to Connect Super-Resolution DNA Traces to Transcription* 

**Scott Andrew Shuster •** Neurosciences, Dissertation Title: *Genetic Studies of Cerebellar Circuit Assembly* 

**Christopher Hopkins Stock •** Lincoln, Massachusetts. Neurosciences, Dissertation Title: *Engineering Recurrent Neural Networks For Low-Rank And Noise-Robust Computation* 

**Daniel Jonathan Wesche •** Nürnberg, Germany. Stem Cell Biology and Regenerative Medicine, Dissertation Title: *An analysis of stem cell trajectories and their molecular determinants* 

**Bryan Jiaming Xie •** Orange, California. Immunology, Dissertation Title: *The Biology of Human Invariant Natural Killer T Cells and Regulatory T Cells in Allogeneic Hematopoietic Stem Cell Transplantation* 

**Alice Yu** • Palo Alto, California. Biomedical Informatics, Dissertation Title: *Reconstructing Cellular Crosstalk Networks in Tissue Microenvironments* 

**Yuhao Zhang •** Beijing, China. Biomedical Informatics, Dissertation Title: *Deep Understanding and Generation of Medical Text and Beyond* 

# Doctor of Philosophy

 $DEGREE\ CANDIDATES, JUNE\ 13, 2021$ 

**Teni Anbarchian •** Developmental Biology, Dissertation Title: *Role of the Transcription Factor Tbx3 in Liver Development* 

**Amira Barkal •** Cedar Rapids, Iowa. Stem Cell Biology and Regenerative Medicine, Dissertation Title: *Boosting macrophage appetites for cancer immunotherapy* 

**Nicolas A. Bax •** Bethesda, Maryland. Structural Biology, Dissertation Title: *Elucidating the Role of Force in Adherens Junction Proteins* 

**Hunter Bryan Boyce** • Biomedical Informatics, Dissertation Title: Strategies for analyzing spatial single cell data

**Matthew Buckley •** Davis, California. Genetics, Dissertation Title: *Pending Thesis Title* 

**Dylan Dahan •** Santa Monica, California. Microbiology and Immunology, Dissertation Title: *Robust Variation of the Infant Gut Microbiome Around the World* 

**Olivia Mae De Goede •** Victoria, Canada. Genetics, Dissertation Title: *Regulatory roles of long non-coding RNAs in cellular identity and complex traits* 

**Joshua Thomas Eggold •** Grafton, Wisconsin. Cancer Biology, Dissertation Title: *Developing adjuvant therapies to improve clinical cancer immunotherapies* 

**Michael David Enos** • Northridge, California. Structural Biology, Dissertation Title: *Elucidating the role of Axin in fl-catenin destruction and stabilization* 

**Megan Marie Garland •** Phoenix, Arizona. Cancer Biology, Dissertation Title: *Chemical tools to interrogate and inhibit bacterial exotoxins* 

**Ian Stuart Heller •** Tomkins Cove, New York. Developmental Biology, Dissertation Title: *Characterization of a Mouse Bmp5 Injury Element in Zebrafish Wound Models* 

**Brian Hsueh •** Palo Alto, California. Neurosciences, Dissertation Title: *Tools for Dissecting Neural Circuits of Interoception and Autonomic Regulation* 

**Daniel Sunwook Kim** • Biomedical Informatics, Dissertation Title: *The dynamic, combinatorial cis-regulatory lexicon of epidermal differentiation* 

**Adam Allen Joseph Lavertu •** Madawaska, Maine. Biomedical Informatics, Dissertation Title: *Methods For Leveraging Social Media Data To Facilitate And Improve Pharmacovigilance Efforts* 

**Molly Vanneman Lucas** • Neurosciences, Dissertation Title: Brain Mapping and Plasticity Induction Using Non-Invasive Brain Stimulation

**Gregory Madden McInnes •** Encinitas, California. Biomedical Informatics, Dissertation Title: *Pharmacogenomics At Scale: Population Analysis And Machine Learning Applications In Pharmacogenomics* 

**Thomas Meister** • Janesville, Wisconsin. Molecular and Cellular Physiology, Dissertation Title: *Uncovering Molecular Innovation in the Malaria Plastid Organelle Through Forward Genetics* 

**Amar Mirza** • Hiram, Georgia. Cancer Biology, Dissertation Title: *The Regulation of GLI1 in Basal Cell Carcinoma* 

**Hannah Page Moeller •** Sunnyvale, California. Chemical and Systems Biology, Dissertation Title: *Pharmacologically increasing beta-cell zinc content enhances beta-cell targeting of a zinc-binding replication compound* 

**Christopher William Murray •** Tempe, Arizona. Cancer Biology, Dissertation Title: *Mechanisms of LKB1-mediated tumor suppression in vivo* 

**Akua Fosua Nimarko** • Columbia, Maryland. Neurosciences, Dissertation Title: *Neural Markers of Risk and Resilience in Youth Mood Disorders* 

**Ragini Phansalkar** • Stamford, Connecticut. Genetics, Dissertation Title: *Transcriptomic and functional convergence of coronary endothelial lineages in mice and humans* 

**Christopher Probert •** Genetics, Dissertation Title: *Examining determinants of nucleosome positioning through sequence-based models of cell-free DNA* 

**Caitlin Marie Roake •** San Carlos, California. Cancer Biology, Dissertation Title: *Biogenesis of Telomerase RNA in Homeostasis and Disease* 

**Theresa Sophie Ryckman •** Appleton, Wisconsin. Health Policy, Dissertation Title: *Modeling and Statistical Analyses in Global Health Policy* 

**Erin Nicole Sanders •** Woodland, California. Developmental Biology, Dissertation Title: *Adaptable stem cell differentiation in the adult Drosophila intestinal epithelium* 

**Benjamin Smith** • Los Altos, California. Chemical and Systems Biology, Dissertation Title: *Discovery and Characterization of Glycan Immune Checkpoints* 

**Luis Armando Soto •** Lima, Peru. Cancer Biology, Dissertation Title: A Study on the Biological and Physical Effects of Radiation on Lung and Skin in Mice

**Yong Tang •** Cupertino, California. Biochemistry, Dissertation Title: A Mutagenesis Screen For Identifying Essential Plastid Biogenesis Genes In The Human Malaria Parasite

**Yosuke Tanigawa** • Biomedical Informatics, Dissertation Title: Large-scale genomic inference of multiple phenotypes

**Nicole Alyse Teran** • Ukiah, California. Genetics, Dissertation Title: Discovering RNA Functions And Its Use In Genetic Interpretation

**Gerald Chunt-Sein Tiu •** Genetics, Dissertation Title: *Towards an Integrated in vivo Model of Translational Dysfunction and Tissue Specific Phenotypes in Ribosome Disease* 

**Catherine Yao Yao •** Cupertino, California. Cancer Biology, Dissertation Title: *Non-canonical Hedgehog signaling mechanisms of resistance in basal cell carcinoma*