



MIT Commencement
Honoring the graduates of 2024

Thursday, May 30, 2024





WELCOME

The Class of 2024 will join a great, global family of nearly 147,000 MIT alumni. Connected by shared experiences, our community is knit together by fundamental values and ideals: Excellence and curiosity. Openness and integrity. Creativity and boldness. A passion for solving tough problems. And a collective drive to use our strengths wisely to serve humanity.

Our new graduates will help create the future of our society—and our planet. But before they get started, we are delighted to join their families and friends in honoring their accomplishments at MIT.

Congratulations, Class of 2024!

Sally Kornbluth
President

CONTENTS

BACHELOR OF SCIENCE DEGREE RECIPIENTS

- 1 School of Architecture and Planning
- 2 School of Engineering
- 16 School of Humanities, Arts, and Social Sciences
- 17 Sloan School of Management
- 18 School of Science

MASTER'S DEGREE RECIPIENTS

- 24 School of Architecture and Planning
- 30 MIT Schwarzman College of Computing
- 32 School of Engineering
- 57 School of Humanities, Arts, and Social Sciences
- 58 Sloan School of Management
- 73 School of Science
- 75 Woods Hole Oceanographic Institution

DOCTORAL DEGREE RECIPIENTS

- 76 School of Architecture and Planning
- 78 MIT Schwarzman College of Computing
- 79 School of Engineering
- 95 School of Humanities, Arts, and Social Sciences
- 97 Sloan School of Management
- 98 School of Science
- 106 Woods Hole Oceanographic Institution

- 108 Military Commissions
- 109 Index of Degree Recipients

SCHOOL OF ARCHITECTURE AND PLANNING

Bachelor of Science in Architecture

Course IV

Department of Architecture

Yihong Li

Also with a Major in Course XXI-L
Minor in Management

Yanjun Liu

Also with a Major in Course II-A

Hailey R. Quinn

Minor in Environment and Sustainability

Max H. Reese

Daniel J. Volpe

Minor in Environment and Sustainability

Bachelor of Science in Art and Design

Course IV-B

Department of Architecture

Eva Bowman Smerekanych

Also with a Major in Course VI-4
Minor in Mathematics

Diego Yañez-Laguna

Bachelor of Science in Planning

Course XI

*Department of Urban Studies and
Planning*

Anushree Chaudhuri

Also with a Major in Course XIV-1
(February, 2024)

Nadine Renee Eichenlaub

Ellie Han

Amanda Yang Huang

Val H. Shum

(September, 2023)

Cindy J. Xie

Minor in Biology
Minor in Anthropology

Bachelor of Science in Urban Science and Planning with Computer Science

Course XI-6

*Department of Urban Studies and
Planning in conjunction with the
Schwarzman College of Computing*

Kwesi Afrifa

Kelly Fang

Kabir Mohan

SCHOOL OF ENGINEERING

Bachelor of Science in Engineering as recommended by the Department of Civil and Environmental Engineering

Course 1-ENG
Department of Civil and Environmental Engineering

Mikayla JeanMarie Britsch
Minor in Spanish

Lai Wa Chu
Also with a Major in Course XI

Joy P. Domingo-Kameenui
Minor in Anthropology

Runako I. Gentles

Grace Ann Harrington
Minor in Energy Studies
Minor in Women's and Gender Studies

Karen Huijie Li
Minor in Mathematics
(February, 2024)

Katherine Grace Reisig
Also with a Major in Course XXI-M

Lily R. Smith
(February, 2024)

Siddharth Sridhar

Bachelor of Science in Climate System Science and Engineering

Department of Civil and Environmental Engineering

Derek M. Allmond II
Minor in Environment and Sustainability

Bachelor of Science in Mechanical Engineering

Course II
Department of Mechanical Engineering

Shreya Agarwal

Anthony R. Altala

Henry J. Asa
Also with a Major in Course VI-3

Jane Bai
Minor in Economics

Cadence Wu-xiu Boronkay
Minor in French

Irma Ceco
Minor in History of Architecture, Art and Design

Luke A. Chapman

Paige E. Cooksey

Steven M. Davis

Tyler John Godfrey

Jesse Granados

Yasin Y. Hamed
Minor in Computer Science

Penelope B. Herrero-Marques

Connor Owen Hickey

Julia Grace Howarth

Mario Wageeh William Ibrahim
Minor in Computer Science

Billal Iqbal
Also with a Major in Course VI-2
(February, 2024)

Haeri Kim

Josef X. Kirkman

Liberty R. Ladd
Also with a Major in Course XVII
(See also S.M., Course XVII)

Man Ching Lee

Sebastien G. Loko

Sharil Samsuddin Maredia

Randy Matthew McLaughlin

Joshua Allen Mitchell
(September, 2023)

James D. Morin
Minor in Computer Science

Mark A. Mosser

Katia D. Pendowski
Minor in Music

Jonathan Sheehan Roach

Andre Rodriguez

Gillian J. Roeder

Dylan C. Ryan

Sarah A. Sams

Malia C. Smith

Ashley Su

Mannie Michael Tilo, Jr.

Jessica J. Wang
Minor in Biomedical Engineering

Colin M. Weaver

Bachelor of Science in Mechanical and Ocean Engineering

Course II
Department of Mechanical Engineering

Isabel Katerina Alvarez

Joaquin A. Cruz
Also with a Major in Course XVIII

Leigh E. Hart-Kennedy

**Bachelor of Science in
Engineering as recommended
by the Department of
Mechanical Engineering**

Course II-A

*Department of Mechanical
Engineering*

Ghassan A. Aljawi

Grace Rian Armstrong

Ishita Bhimavarapu

Grant M. Bordelon

Robert Wilson Brashear

Minor in Computer Science

Minor in Statistics and Data Science

Katherine Elizabeth Brennan

Thomas Everett Brooks

Faith Emily Bulan

Max J. Burns

Audrey Y. Chen

(February, 2024)

Erica Chen

Sophia Chen

Also with a Major in Course IV-B

Juliana A. Covarrubias

Also with a Major in Course IV-B

Christopher James de la Rosa

Morgan Grace Everett

Minor in Spanish

Tamilore E. Fashae

(February, 2024)

Edward J. Finman

Zachary R. Francis

Also with a Major in Course VI-2

Ita C. Futran

Ansel Joaquín Garcia-Langley

Kaili Glasser

Nicolas A. Gomez Gomez

(February, 2024)

Savannah I. Gordon

Valeria M. Gutierrez

Minor in Music

Emma Rose Higgason

Christy Huynh

Hung Quoc Huynh

Minor in Environment and Sustainability

Elissa Charlotte Ito

Minor in Computer Science

Stephanie M. Khaguli

(February, 2024)

Sydney Paige Kim

Cameron Michelle Kokesh

Minor in Environment and Sustainability

Minor in Public Policy

Jessica T. Lam

Bradyn T. Lenning

Andrew Lin

Fiona Lin

Connie Ly

Minor in Energy Studies

Ashley F. Margetts

Erin Megan Menezes

Baran Q. Mensah

Minor in Music

Karl Frederick Carbone Meyer

Arielle Klavdia Mobius

Sebastian Monsalvo

Nickie Mpofo

William Kanayochukwu Okolo I

Lingyi Qiu

Also with a Major in Course IV-B

Vishakk Rajendran

Minor in Political Science

Hana Daisy Ro

Also with a Major in Course XXI-M

Katherina Ann Sapozhnikov

Minor in Economics

Alina Tran Sarmiento

Minor in Mathematics

Abigail Elizabeth Schipper

Minor in Biology

Nicholas J. Schultz

Tara P. Sheehan

Minor in Environment and Sustainability

Satchel H. Sieniewicz

(February, 2024)

Rylie P. Spiegel

Minor in Finance

Helen Sun

Minor in Management

Winnie Szeto

Nikolaos Tsakiris

Amber C. Velez

Also with a Major in Course XXI

Maxwell Z. Wang

Brandon Abraham Lenworth Worrell

Spencer D. Yandrofski

Lucy Young

Livia S. Zhang

Bachelor of Science in Materials Science and Engineering

Course III

Department of Materials Science and Engineering

Louise Anderfaas

Maximilian Adriano Bolzan
(February, 2024)

Ian S. Chen
Also with a Major in Course VI-14
Minor in Mathematics
Minor in Polymers and Soft Matter

Kimberley Cheng
Also with a Major in Course XVIII

Sravani R. Duggirala

Victoria Grace Ganeles

Sierra R. Green
Also with a Major in Course XXI-M

Darshdeep S. Grewal
Minor in Political Science

Katherine Lei
Also with a Major in Course XXI-S

Lucas N. Marden

Kirmina M. Monir

Daniel L. Tong

Daniela L. Vallejo
Minor in Mechanical Engineering

Shu Yang Zhang
Also with a Major in Course XV-3

Bachelor of Science as recommended by the Department of Materials Science and Engineering

Course III-A

Department of Materials Science and Engineering

Eva Talar Berberian
Also with a Major in Course VIII
Minor in Music

Lauryn Denise Kortman

Catherine Rebecca Lizarde
Also with a Major in Course XI

Marilyn R. Meyers
Also with a Major in Course VI-2

Mallika Reddy Pajjuri
(February, 2024)

Branden N. Spitzer
Minor in Theater Arts
(February, 2024)

Melissa Elizabeth Stok
Also with a Major in Course VI-2
Minor in Design

Linnaea D. Uliassi
Also with a Major in Course XXI-M

Michelle J. Zong
Also with a Major in Course XVIII
Minor in Computer Science

Bachelor of Science in Electrical Science and Engineering

Course VI-1

Department of Electrical Engineering and Computer Science in conjunction with the Schwarzman College of Computing

Muhammad Salah Alnasser

Franck N. Belemkoabga

Lucas R. Caragiulo
Minor in Physics

Sun Mee Choi
Minor in Music

Eyan Douglas Kekoakūkahiokekai Forsythe
Minor in Mathematics

Bianca M. Hanly

Khang D. Le
Minor in Japanese

Tiffany Kaye Louie

Tanner J. Packham

Janette H. Park

Austin Keane White

Elizaveta Yugov
Also with a Major in Course VIII
Minor in Urban Studies and Planning

Bachelor of Science in Electrical Engineering and Computer Science

Course VI-2

Department of Electrical Engineering and Computer Science in conjunction with the Schwarzman College of Computing

Amanial H. Abraham

Vaishnavi Lakshmi Addala
Also with a Major in Course XVIII

Masarah A. Ahmedhussain

Tolulope O. Akinbo
Minor in Design

Marco A. Andrade

Jacqueline Theodora Aslarus
Minor in Polymers and Soft Matter
(February, 2024)

Sebastian Bartlett Fernandez
(February, 2024)

Samuel G. Bruce

Richter MacDonald Brzeski

Eric Quang Bui

Adam M. Bundy

Stephen Joseph Campbell Ramirez

Emma Catherine Chadwick	Natalie Huang	Kevin Meng (See also M.Eng., Course VI-P)
Edenna Huiyi Chen Minor in Writing	Khoa T. Huynh	William Augustus Mackenzie Menken
Zitong Chen Minor in Economics Minor in Business Analytics	Christine C. Imogu	Shanti Kaylene Mickens (February, 2024)
Seo Yeon Chung Also with a Major in Course XVIII	Paul M. Irvine Also with a Major in Course XIV-1	Kiersten D. Mitzel Minor in Theater Arts
Diego A. Coello	Kailas Bhattacharyya Kahler Minor in Japanese	Armando Moncada
Elmer A. Cruz Galvan	Stephen S. Kandeh Also with a Major in Course VIII (February, 2024)	Lucy Isabel Morgan
Griffin J. Duffy	Ezra H. Kang	John J. Mose, Jr. (February, 2024)
Moaaz Hasan Fayumy	Alyssa Nicole Keirn (February, 2024)	Waly-Meissa Ndiaye Minor in Comparative Media Studies
Joshua J. Feliciano	Samuel Doron Wekstein Kravitz Minor in Political Science	Thienan D. Nguyen
Dewei Feng Also with a Major in Course XVIII Minor in Statistics and Data Science	Adrian Kuka	William D. Nolan
Corey J. Ferrier	Ian Black Elk Lacy	Keilee Icsis Northcutt Minor in Literature
Noah T. Fisher Also with a Major in Course II-A (February, 2024)	Brian Li	Moruph Osuolale
Robert Jenzel Freeman	Jenny Y. Li	Edwin Otieno Ouko Minor in Economics
Evelyn Ling Fu	Tian Lin Also with a Major in Course XXI-M	Lydia J. Patterson
Saketh Gabbita Also with a Major in Course XVIII	Ivy Liu	Cole J. Paulin Minor in Mechanical Engineering
Sebastian A. Garcia	Claudia F. Lozano Also with a Major in Course IX (February, 2024)	Janet Y. Qian Also with a Major in Course XVIII Minor in Mechanical Engineering
Shruti Garg	Claire Lu Also with a Major in Course IX	Elizabeth Rabenold
Annie I. N. Giroux	Ashley Jiahui Luo Minor in Mathematics	Juan Augusto Rached Viso (February, 2024)
Cerine Hamida (February, 2024)	Joseph Vincent Lupu III Also with a Major in Course XVIII	Anirudh Rahul
Harry Gregory Heiberger	Keawe W.A. Mann	Anish Ravichandran
Henry Ralph Heiberger	Luis Alberto Martinez Minor in Literature	John Robert Readlinger
Alexis Yanyi Huang Minor in Finance		Mariana Reyes Holguín

Sean A. Rice

Julio A. Rodriguez

Also with a Major in Course VIII
(February, 2024)

Dana Rubin

Ishika Shah

Minor in Mathematics

Abdurahman Sherif

Imanuella O. Shodipo

Also with a Major in Course IV-B

Nathan Andrew Shwatal

Minor in Mathematics
Minor in Linguistics

Ragulan Sivakumar

Minor in Mathematics

Alyssa Marie Solomon

Minor in Linguistics

Lili Elizabeth Sun

Minor in Mechanical Engineering

Christian H. Teshome

Grady Michael Thomas

Sonia Uwase

Manuel Alejandro Valencia

Minor in Mechanical Engineering

Vedantha Ramanathan Venkatapathy

Kiran S. Vuksanaj

Haoran Wen

Garrett Bradley Whitmore

Zoe Wong

Minor in Economics
(February, 2024)

Bruke Assefa Wossenseged

Bowen Wu

Angelina Xu

Minor in Mathematics
(See also M.Eng., Course VI-P)

Jessica Jia Xu

Ryan P. Yang

Isabella Yu

Also with a Major in Course XVIII
Minor in Comparative Media Studies

Alicia Zang

Erin Wei Zhang

Minor in Literature

**Bachelor of Science in
Computer Science and
Engineering**

Course VI-3

*Department of Electrical
Engineering and Computer
Science in conjunction with the
Schwarzman College of Computing*

Mahdi Hassan Abdallah

Muhammad Abdullah

Also with a Major in Course XVIII

Ayyub Abdulrezak

Maya Vaishali Abiram

(February, 2024)

Adanna Chizaram Abraham-Igwe

Also with a Major in Course XXI-M
(February, 2024)

George Abu Daoud

Minor in Statistics and Data Science

James Reed Adair

(February, 2024)

James K. Adams

(February, 2024)

File J. Aguilar Valencia

(February, 2024)

Khaleel Al-Adhami

Sebastian N. Alberdi

Also with a Major in Course VIII

Sagnik Anupam

Also with a Major in Course XVIII
Minor in Literature

Ethan T. Ardolino

Minor in Entrepreneurship & Innovation

Pranav Arunandhi

Also with a Major in Course XVI
Minor in Management
(February, 2024)

Purvaja Balaji

Minor in Urban Studies and Planning
(February, 2024)

Eesha Banerjee

Also with a Major in Course VIII

Gildardo Banuelos

(February, 2024)

Claire X. Bao

(See also M.Eng., Course VI-P)

Maria Diane Batres Rodriguez

Daniel M. Benavides

Amogh Bhatnagar

(February, 2024)

Monica M. Busza

Also with a Major in Course XV-1
Minor in Economics

Paterne Byiringiro

Joseph Paul Cahaly

Also with a Major in Course XVIII
Minor in Chinese

Jenny Cai

Minor in Economics
(February, 2024)

Sabrina J. Cai

Quincy S. Cantu

Joseph Anthony Chandler

Minor in Mathematics

Anugrah George Chemparathy

Alice Chen
(See also M.Eng., Course VI-P)

An Bo Chen

Cecilia D. Chen
Also with a Major in Course XVIII

Daniel Chen
(February, 2024)

Linda W. Chen

Vincent T. Chen
(February, 2024)

Rohan Cherukuri
Also with a Major in Course XVIII

Thanadol Chomphoochan

Promia Chowdhury
Minor in Mathematics

Raunak Chowdhury

Elie E. Cuevas
Minor in Management

Tony A. Cui

Caroline K. Cunningham

Omar Dahleh

Huy Chi Dai

Timmy Ton Dang

Jason Kofi Nii Daniels

Diego Delarue
Also with a Major in Course XXI-L

Leon Y. Deng
Also with a Major in Course XVIII

MingYang Deng
Also with a Major in Course XVIII

Kaleb A. Desta

Isabella L. Do Orozco

Joli Dou
(February, 2024)

Nicholas L. Dow
Minor in Mathematics

Karen Dreicer Liberman
Also with a Major in Course XV-2
Minor in Environment and Sustainability

Chukwuemekalum Kevin Echezona

Fahnmusasa J. Edwards

Thomas Bro Falkenberg

Jonathan Y. Fei
Also with a Major in Course XVIII

Eugenia Yulan Feng
Minor in Management

Daniel S. Fleming

Jonatan Enrique Fontáñez
Minor in Mathematics
Minor in Philosophy

Emily Gan
Also with a Major in Course XVIII
Minor in Statistics and Data Science

Raz Gaon

Ian James Frigillana Gatlin

Tom M. George

Samay Godika
(February, 2024)

Ashley M. Granquist
Minor in Music
(See also M.Eng., Course VI-P)

Shreya Gupta
(February, 2024)

Michael D. Hadjiivanov
Also with a Major in Course XVIII
Minor in Statistics and Data Science

Aileen Han
Also with a Major in Course XIV-2

Michael Jinghao Han

Yun Hao
Minor in Music

Shaherul Haque
Also with a Major in Course XVIII
(February, 2024)

Katherine He
Minor in Management

Michael Lowell Hensgen
Also with a Major in Course XVIII
(February, 2024)

Stephen S. Hong

Tinah L. Hong
(February, 2024)

Amelia Y. Hu
Also with a Major in Course XVIII
(See also M.Eng., Course VI-P)

Helen Hu
Minor in Urban Studies and Planning
Minor in Mathematics

Dana Hua

Andrew Huang
Also with a Major in Course XVIII

Grace Feiyan Huang
(See also M.Eng., Course VI-P)

Irene Yu-Lin Huang
Minor in Mathematics
(See also M.Eng., Course VI-P)

Peihua Huang
Minor in Mathematics
Minor in Chinese

Roderick Wei Xiao Huang
Also with a Major in Course XVIII

Sheng Huang

Paul U. Ihim
Minor in Mathematics

Elisa T. Jacobo-Arill
Minor in Mathematics

Ananya Jain
Minor in Mathematics

Lily T. Janjigian

Nader Jemel

Emily Jiang
Minor in Mathematics
(See also M.Eng., Course VI-P)

Gabriel Jimenez
(See also M.Eng., Course VI-P)

Jack Jin
Minor in Statistics and Data Science

Pasit Jindanuwat
Minor in Economics
Minor in Mathematics

Jayden R. Johnson

John M. Jones

Emma Yejoo Jung

Nikhil V. Kakarla

Hermon Y. Kaysha

Amirabbas Kazeminia
Also with a Major in Course XVIII

Nicole Khaimov
(February, 2024)

Johan Kiilavirta

Dong Young Kim
Minor in Finance

Hannah Kim

Joseph Young Kim

Song Eun Kim
Minor in Mathematics

Cameron Matthew Kleiman
Minor in Urban Studies and Planning
(February, 2024)

Blisse X. Kong

Demetrios C. Kriezis

Nitin Anand Kumar
Also with a Major in Course XVIII
Minor in Physics
Minor in Economics
(See also M.Eng., Course VI-P)

Pierce W. Lai
Minor in Mathematics

Eric Lam
Also with a Major in Course XVIII
Minor in Physics

Jordan Lam

Matthew J. Landis
Also with a Major in Course XXIV-1

Chloe Ann Langley

Divij Lankalapalli
Also with a Major in Course XVIII
(February, 2024)

Jimin Lee

Jiwon Lee
Minor in Economics

Ju Young Lee

Si Liang Lei

Sanchayapol Lewgasamsarn

Amy Li
Also with a Major in Course XXIV-2
Minor in Mathematics

Eileen Q. Li
Minor in Mathematics

Haoxuan Li

Jason Li
Minor in Mathematics

Jerry Y. Li
(See also M.Eng., Course VI-P)

Jonathan Li
Also with a Major in Course XVIII

Michelle Z. Li
Also with a Major in Course XVIII
(February, 2024)

Philip W. Li

Derrick Liang
Minor in Music

Jackie Lin

Melanie Lin

Vincent Lin
Minor in Music

William Lin

Sebastian Navarre Lindley
Minor in Japanese

Andi Liu

Brent Liu

Emily Z. Liu
Also with a Major in Course XVIII

Philena J. Liu
Minor in Mathematics
(February, 2024)

Shiyu Liu
(February, 2024)

William Hanbo Liu
Minor in Ancient and Medieval Studies

Sophia Elizabeth Lockton

Rawisara Lohanimit
Minor in Japanese

Sadhana Santoshi Lolla
Minor in Mathematics
Minor in Literature

Catherine Z. Lu
Minor in Chinese

Emily Lu
(February, 2024)

Yaroslav Luchko	Tobe M. Obochi Minor in Economics	Brendon Reperttang (February, 2024)
Jacky Luong	Troy P. Oliveira	Shreya Vipul Reshamwala Also with a Major in Course XVIII Minor in German
Lennie H. Ma	Piero Fabrizio Orderique Minor in Management (February, 2024)	Sophie Reynolds Minor in Business Analytics
Ningshan Ma	Sameer Pai (February, 2024)	Christopher E. Rinard (February, 2024)
Joshua G. Mbogo	Oomi Pammit (February, 2024)	Rachel Victoria Robinson
Matthew McManus (February, 2024)	Jessica N. Pan Minor in Biology Minor in Design	Diego Vincent Rodriguez Minor in Statistics and Data Science
Josiah J. McMenemy	Radha R. Patel (See also M.Eng., Course VI-P)	Evan Samuel Rubel
Jamison Chivvis Meindl Also with a Major in Course XVIII	Anton W. Peraire-Bueno (February, 2024)	Ricardo Ruiz
Helena Athena Zouras Merker	Vlada Petrusenko	Mohamed Samb
Andrew B. Miller	Binh C. Pham Minor in Mathematics	Sumiyajav Sarangerel (February, 2024)
Shayda Moezzi	Alexis Ponce Castillo	Derek J. Schaadt
Asaad H. Mohammedsaleh	Ashneal S. Powell	Daniel Milo Schafer Minor in Mathematics (February, 2024)
Shree N. Mohan	Helen O. Propson (See also M.Eng., Course VI-P)	Azariah G. Seblu
Hassan Mohiuddin Also with a Major in Course XV-1	Grace X. Pu Minor in Political Science	Evan A. Seeyave
Shawn A. Monel (February, 2024)	Sabrina I. Queipo	Maggie Michele Sengenberger
Jenny Uris Moralejo Also with a Major in Course XIV-2	Muhender Raj Rajvee Minor in Mathematics Minor in Music	Swathi Senthil
Noah M. Morales	Esha V. Ranade Minor in Mathematics	Andres E. Sevilla
Siddharth C. Muppalla	Steven N. Raphael Minor in Brain and Cognitive Sciences Minor in Mathematics	Silu Shen Also with a Major in Course XXI-M Minor in Mathematics
Abutalib Namazov Minor in Mathematics	Chaitanya Ravuri	Javier Solis Minor in Political Science
Ngoc B. Nguyen (September, 2023)		Grace Young-Eun Song Minor in Mathematics (February, 2024)
Shayla Thy Nguyen		Teodora Stan
Feina Niu Also with a Major in Course XVIII (February, 2024)		

Zipei Tan
Also with a Major in Course XVIII
(See also M.Eng., Course VI-P)

Pakaphol Thadawasin
Minor in Mathematics

Nandini Thakur

Vittal Thirumalai

Pratistha Timilsina
Minor in Earth, Atmospheric, and Planetary Sciences

Jorge Adrian Tomaylla Eme

Eeshan Tripathii
Also with a Major in Course XV-1
(February, 2024)

Nicholas Tsao
Also with a Major in Course XVIII

Christine W. Tu
Minor in Mathematics

Saul A. Vega Saucedo

Evan H. Vogelbaum
(February, 2024)

Yoshia J. Wagenmans

Luke Anthony Wagner

Alex Wang
(February, 2024)

Andy Wang
(February, 2024)

Annie Wang
Minor in Mathematics
(See also M.Eng., Course VI-P)

Christopher Wang
Minor in Biomedical Engineering

Daniel J. Wang

Eric Wang

Helen K. Wang
Also with a Major in Course XVII

Sarah Y. Wang

Yifan Wang

Collin A. Wen

Cameron Eric White

Charles J. Williams

Kyoungwan Woo

Jessica L. Wu

Julia Xia

Audrey Huayan Xie
Also with a Major in Course XVIII

Albert B. Xing

James A. Xiu
Also with a Major in Course XVIII

Kelly R. Xu
Minor in Economics

Muhua Xu
Also with a Major in Course XVIII
(See also M.Eng., Course VI-P)

Ronald Bohan Xu

William Xu

Binwei Yan
Also with a Major in Course XVIII
Minor in Economics
(See also M.Eng., Course VI-P)

Helen Yang
(See also M.Eng., Course VI-P)

Jesse S. Yang
Also with a Major in Course XVIII

Peiyu Yang
Also with a Major in Course XVIII

Ryan Yang

Brianna S. Yao

Tong Ye

Chanwoo Yoon
Minor in Mathematics

Joyce E. Yoon
Minor in Mechanical Engineering
(February, 2024)

Joyce Yuan
Also with a Major in Course XVIII

Hilary W. Zen

Jackson Zhang

Sarah Jingxue Zhang
Also with a Major in Course XVIII

Selena Zhang

Sophie Shiqing Zhang
Minor in Mathematics

Wesley Zhang
Also with a Major in Course XXIV-2
Minor in Mathematics

Zachary Tangbei Zhang
Minor in Mathematics

Katherine Zhao
Also with a Major in Course XVIII
(See also M.Eng., Course VI-P)

Sarah Ann Zhao
Also with a Major in Course XVIII

Amanda Yi Zheng
Minor in Mathematics

Joey Zheng
Minor in Mathematics

Sophia Jiaxin Zheng
Minor in Urban Studies and Planning

Vicky Zheng

Yuxuan Zheng
Also with a Major in Course XVIII
Minor in Chemistry

Ziqian Zhong
Also with a Major in Course XVIII
Minor in Music

Irina Zoccolini-Ferreyra
Also with a Major in Course XIV-2

Bachelor of Science in Artificial Intelligence and Decision

Making

Course VI-4

Department of Electrical Engineering and Computer Science in conjunction with the Schwarzman College of Computing

Raza Syed Abbas

Penny E. Brant

Also with a Major in Course VIII
Minor in Mathematics

James Camacho

Sauhaarda Chowdhuri
(February, 2024)

Ethan L. Chun

Minor in Mathematics

Jesse Everett Cummings

(See also M.Eng., Course VI-P)

Gyalpo Melchisedeck Dongo Aguirre

Kaivalya Hariharan

Also with a Major in Course XVIII

Brady M. Klein

David Aaron Houdek Koplou

Also with a Major in Course IX
(February, 2024)

Kairo Tiere Morton

Linh Khanh Nguyen

Also with a Major in Course VIII

Tuong Thien Phung

Gregory Pylypovych

Also with a Major in Course XVIII

Vayd Sai Ramkumar

Also with a Major in Course XVIII

Isabella Marguerite Struckman

John J. Yang

Also with a Major in Course XVIII

Alan Yu

Minor in Mathematics

Bochuan Zhang

Bachelor of Science in Computer Science and Molecular Biology

Course VI-7

Department of Electrical Engineering and Computer Science in conjunction with the Schwarzman College of Computing

Savannah Jae Ashley

Ochiba Marie Oghenemudiakev Attah

(See also M.Eng., Course VI-7)

Stanley Chen

Minor in Finance

Tina T. Chen

Minor in Asian and Asian Diaspora Studies

Keanu A. Clark

Aidan A. Cordero

Sydney A. Dell

Minor in Public Policy

Lilly Kathryn Edwards

Aria Rosalee Eppinger

Leon Fan

Angela Gao

Zoe Anne Gotthold

Madeline Hon

Anna Kwon

Victoria Inibiokun Oluwatobiloba

Longe

Minor in Theater Arts
(See also M.Eng., Course VI-7)

Melissa F. Nie

Delight Oluwalonimi Chidima Nwene-ka

Minor in Environment and Sustainability
(February, 2024)

Nithin Parsan

(February, 2024)

Charvi D. Sharma

Minor in Theater Arts

Grace Karen Sun

Erin M. Thompson

Minor in Environment and Sustainability

Brandon Wang

Minor in Mathematics

Jared Zheng

Bachelor of Science in Computer Science, Economics, and Data Science

Course VI-14

Department of Electrical Engineering and Computer Science in conjunction with the Schwarzman College of Computing

Joy Sera Bhattacharya

Minor in Business Analytics

Noah A. Bryce

(February, 2024)

David Jeffrey Chen

Minor in Mathematics

Tammy Chen

Angelica April Chin

Also with a Major in Course XV-2
Minor in Music

Dionne-Marie N. Daku-Mante

Minor in Theater Arts

Jamil Alejandro Dellawar
Also with a Major in Course XV-2

Dylan R. Dong

Eric J. Gan

Jia-en J. Hu
Minor in Mathematics

Rahul Kaukuntla
(February, 2024)

Leila Rania Khan

Katherine Elizabeth Kostecki
Also with a Major in Course XV-2

Angela Li
Also with a Major in Course XV-2

Joseph Z. Li
Also with a Major in Course XV-2

Maria Li

Kaitlin Y. Lim

Brian H. Liu
Also with a Major in Course XVIII

Eileen Angela Liu
Also with a Major in Course XVIII
Minor in Business Analytics
Minor in Chinese

Joshua Shay Masuda
Also with a Major in Course XV-2
Minor in Mathematics

Raj A. Mehta
Also with a Major in Course XV-2

Srinidhi Narayanan
Also with a Major in Course XVIII

Erika Pilpre

Francisco Rafael Proskauer Valerio

Sebastian Miguel Quintero

Jackson H. Roberson
Also with a Major in Course XV-2

Vivian Keyi Shao
Also with a Major in Course XV-3

Zhurui Sheng
Also with a Major in Course XVIII

James B. Simon
Also with a Major in Course XV-2

Rorie A. Simpson

Wenjin Sun
Minor in Business Analytics

Sanprem Taechawichian
Minor in Finance

Loic H. Venon
Also with a Major in Course XV-3

Vanessa R. Vidic
Minor in Writing

Karen Ruiyi Wang

Melody L. Wen
Minor in Mathematics

Samantha Ying
Also with a Major in Course XV-2
(February, 2024)

Alice Yu
Also with a Major in Course XV-2

Ruiying Zheng
Also with a Major in Course XV-2

Bachelor of Science in Chemical Engineering

Course X
Department of Chemical Engineering

Rachel Ahlmark
Minor in Economics
Minor in Energy Studies

Andrea Aude
Minor in Energy Studies

Kathleen Rose Bailey
Minor in Energy Studies

Tamara Bristol Brabson
(February, 2024)

Tamea Malana Cobb
Also with a Major in Course XXI-L

Caleb B. Cowger

Jason Alejandro Garcia
Minor in Energy Studies

Andre Farai Hamelberg
Also with a Major in Course XVIII

Phoebe S. Hartch

Maggie Liu

Priya Amanda Moncrieffe

Gabrielle Leigh Moore

Timothy Nguyen

Fiona M. Shortt
Minor in Management

Anaisa Nicole Sibel
Minor in Energy Studies

Steven C. VanPelt

Ava Elizabeth Vargas

Yi Jun Yang
Minor in French

Audrey Hiu-Lui Yip
Minor in Spanish

Yan Zheng

Bachelor of Science in Chemical-Biological Engineering

Course X-B
Department of Chemical Engineering

Kelcey Alia Allen
Also with a Major in Course VII

Makena Armstrong
Minor in Biology

Yunbeen Bae
Also with a Major in Course VII

Eliza Jane Bazakas
Minor in Computer Science

Lynette Xin Chan
Also with a Major in Course VII

Austin Chin

Fiona Duong
Also with a Major in Course VII

Ezra Z. R. Gordon

Kyle A. Hare
Also with a Major in Course VII

Dien Le Hai Nguyen
Also with a Major in Course VII

Khiem Huu Nguyen
Also with a Major in Course VI-3

Sydney An Pham
Minor in Biology

Josephine L. Ramirez
Also with a Major in Course VII

Alfonso D. Restrepo
Also with a Major in Course VII

Smah Riki
Also with a Major in Course VI-7

Alexander F. Seguin
(February, 2024)

Jack Rankin Suggs
Also with a Major in Course VII
Minor in Chemistry
Minor in Economics

**Bachelor of Science as
recommended by the
Department of Chemical
Engineering**
Course X-C
*Department of Chemical
Engineering*

Helen Chen
Also with a Major in Course VI-3

**Bachelor of Science in
Engineering as recommended
by the Department of Chemical
Engineering**
Course X-ENG
*Department of Chemical
Engineering*

Alexander R. Freedline

Michael Kojo Hanson

Kezia Elaine Hector

Joshua Curtis N. Kuffour
Also with a Major in Course XVIII
Minor in Energy Studies

Nnedimma Okoye

Charles Kit Phu
Minor in Chemistry
Minor in Energy Studies

Sebastian Rotella
Also with a Major in Course VIII
Minor in Energy Studies

Soo Yeon Ryu

Annlin Su
Minor in Physics

Pris Wasuwanich

Tatum Grace Wilhelm
Minor in Anthropology

**Bachelor of Science in
Aerospace Engineering**
Course XVI
*Department of Aeronautics and
Astronautics*

Melissa Marie Bauer

Micah Melanio Borrero
Minor in Political Science

Madison M. Bronnimann
Minor in Japanese
(February, 2024)

Dankwa Buckle

Wing Lam Chan
Minor in Computer Science

Yatin J. Chandar
(February, 2024)

Fritzgerald Duvigneaud
Also with a Major in Course VI-2

Matthew W. Elliott
Minor in Management
Minor in Management

Michael R. Finch
Minor in Computer Science

Mary Grace Foxen

Luis Alonso Garcia
Minor in Finance

Dane M. Gleason

Erick Gonzalez
Minor in French

Timothy John Grazier
Minor in Finance

Daniel J. Gurga III
Minor in Computer Science

Adrian Omar Gutierrez
Minor in Computer Science

Claire N. Johnson
Also with a Major in Course VIII
Minor in French

Phillip A. Johnson III

Connor G. Kaminska
(February, 2024)

Michael Richard Kraus
Minor in Computer Science

Alazar Lemma

Ryan N. Lemone

Alan Lomba

Remeyn S. Mechura
Minor in Chinese

Joseph Alexander Merkel
(September, 2023)

Caden Allan Moore
Minor in Music

Christina Nguyen
Minor in Theater Arts

Heath G. Nilsen

Miles Alexander Oglesby
Minor in Urban Studies and Planning

Cecilia Pérez Gago
Minor in French

John Jairo Posada

Oliver E. Rayner

Benjamin R. Rich
Also with a Major in Course VI-4

Garrett Immanuel Robinson

Dinuri Senara Bandara Rupasinghe
Minor in Computer Science

Vanessa J. Sanchez Guiza

Morgan E. Schaefer
Minor in Music

Cruz S. Soto
Also with a Major in Course VIII

Jose Soto

Ethan M. Stewart
Also with a Major in Course XV-1

Grant Edward Thomas
Minor in Music

Robin Mia Tian
Minor in Computer Science

Carlos A. Trivino

Sophia J. Wang

Joseph R. Ward
Also with a Major in Course XVII
(February, 2024)

Joshua W. Wornell

Spencer R. Yoder
Minor in Economics

**Bachelor of Science in
Engineering as recommended
by the Department of
Aeronautics and Astronautics**
Course XVI-ENG
*Department of Aeronautics and
Astronautics*

Isaac James Broussard
Also with a Major in Course VIII

Nicholas J. Ciepley
(September, 2023)

Hillel Dei
Also with a Major in Course XVIII
Minor in Economics

Ahmed Tijan Diongue

Isabella I. Golemme

Xav Harrigin-Ramoutar

Michelle J. Luo
Also with a Major in Comparative Media
Studies
(February, 2024)

Nicole McGaa

**Bachelor of Science in
Biological Engineering**
Course XX
*Department of Biological
Engineering*

Viktor Baltin
Also with a Major in Course VI-9

Lindsay A. Bolino
Minor in Spanish

Joshua M. Callaway

Kam Yan Cheung

Yeji Cho
Minor in Earth, Atmospheric, and Plane-
tary Sciences

Mitali Chowdhury
Minor in Urban Studies and Planning
Minor in Environment and Sustainability

Mahaam M. Desai

Hannah R. Donner

Abigail E. Dzordzorme
Also with a Major in Sci., Tech., & Society

Ellie Feng

Zoe Natalia Garcia Baumbeck
Minor in Management
Minor in Management

Isobe M. Garrett

Omkar P. Ghenand
Minor in Computer Science

Marie Alice Claire Goemans

Nicole Elizabeth Harris
Minor in Spanish

Michelle Angelica Hsu
(February, 2024)

Shannon Kang
Minor in Computer Science

Katherine A. Kitzinger
Minor in Mechanical Engineering

Ria Kolli

Arbri Koplaku
Minor in Computer Science
Minor in Science, Technology, and Society

Demi J. Laforest

Allison Lam
Also with a Major in Course VI-1

Erika L. Leasher
Also with a Major in Course IX

Kimberly Liao

Jingting Lin

Sabrina Chen Liu

Abigail Lo
Minor in Computer Science

Amanda Wang Mei
Minor in Computer Science

Sabrina Pingzhu Meng
Also with a Major in Course VI-2
Minor in Music

Sara A. Modiano

Natalie A. O'Hearn

Favour Ayomide Oladimeji
Minor in Chemistry

Sruthi Parthasarathi
Also with a Major in Course VI-2
Minor in Mathematics
Minor in Music Technology

Zoe J. Pasetsky

Anusha Puri
Minor in Biology

Alesandra Loren Pusey
Minor in Environment and Sustainability

Shriya M. Rangaswamy
Minor in Mathematics

Kayla Suarez

Sarah Sajila Syed
Also with a Major in Course XV-1
Minor in Biology

Ella Susanne Trumper
(February, 2024)

Vivian T. Vu
Minor in Computer Science

Daisy Wang
Minor in Women's and Gender Studies

Isabella H. Witham

Bryan M. Wong

Victoria Yang
Minor in Computer Science

Gianfranco L. Yee
Minor in Biology

Lucy Zhao

Jessica A. Zylstra

Bachelor of Science in Nuclear Science and Engineering

Course XXII
Department of Nuclear Science and Engineering

Emilio Ahuactzin-Garcia
Also with a Major in Course VIII

Bethany A. Belleque
(September, 2023)

Aidan M. Hallinan
Minor in Economics

Armando Angel Martinez
Also with a Major in Course VIII

Lucy M. Nester
Minor in Energy Studies

Bachelor of Science in Engineering as recommended by the Department of Nuclear Science and Engineering
Course XXII-ENG
Department of Nuclear Science and Engineering

Carmen Maria Avila Padilla

Mriganka Mandal
Also with a Major in Course VII

Jordan J. Parker-Ashe

Brianna Noelani Ryan
Also with a Major in Course VIII
Minor in Astronomy
(See also S.M., Course XXII)

SCHOOL OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

Bachelor of Science in Economics

Course XIV-1
Department of Economics

Santiago A. Cantu

Lukas J. Hanson-Puffer
Also with a Major in Course XV-1
Minor in Environment and Sustainability

Bachelor of Science in Mathematical Economics

Course XIV-2
Department of Economics

Tammy C. Le

Joshua N. Nwakoby

Quentin Ansley Smith
Minor in Theater Arts

Stacy S. Wang
Also with a Major in Course VI-4

Bachelor of Science in Political Science

Course XVII
Department of Political Science

Luka Bulić Bračulj
Also with a Major in Course XVIII
Minor in Statistics and Data Science

Diana Carol Degnan
Also with a Major in Course XIV-1
(February, 2024)

Leela Fredlund
Also with a Major in Course VIII

David A. Spicer
Minor in American Studies
(September, 2023)

Bachelor of Science in Writing

Course XXI-W
Program in Writing and Humanistic Studies

Malhaar Agrawal

Celina Tang Zhao
Minor in Biology

Bachelor of Science in Humanities and Engineering

Course XXI-E
Department of Humanities

Andrew R. Berta

Gisella Kemilembe Kakoti
(February, 2024)

Frank Y. Liu
(February, 2024)

Grace A. McMillan

Jaime Villarreal

Bachelor of Science in Humanities and Science

Course XXI-S
Department of Humanities

Bryan N. Burgos
(February, 2024)

Bachelor of Science in Philosophy

Course XXIV-1
Department of Linguistics and Philosophy

Qingfeng Li

Michael Andrew Sheldon

SLOAN SCHOOL OF MANAGEMENT

Bachelor of Science in Management

Course XV-1
Sloan School of Management

Alicia Yangda Caichen
Minor in Applied International Studies

Austin James Cox
(February, 2024)

Colin L. Klick
Minor in Statistics and Data Science

Megan Ashlee Lim

Emily Yongxin Shi
Minor in Computer Science
(February, 2024)

Brian Michael Wilson, Jr.

Bachelor of Science in Business Analytics

Course XV-2
Sloan School of Management

Ryan G. Armstrong
Minor in Economics

Gabriel Arruda
Also with a Major in Course VI-14
(February, 2024)

Cher Jiang

Jessica Jimenez

Dejon Kurti
Also with a Major in Course VI-14

Tyler Abdul-Tariq Lawal

Doreen T. Rota

Sari E. Strizik
Also with a Major in Course VI-14

Aaron Yuxin Zhu
Also with a Major in Course VI-2

Bachelor of Science in Finance

Course XV-3
Sloan School of Management

Pamela Dzifa Cudjoe Abede
Minor in Computer Science

Braden J. Barlow

Jonathan S. Berger
Also with a Major in Course VI-14

Elizabeth Bitman
Also with a Major in Course XVIII
(February, 2024)

Christopher L. Carratu
Also with a Major in Course VI-14

Marco Giacomo Cesaratto
Minor in Mathematics

Julia Mingfei Chen
Also with a Major in Course VI-14

Peter Frederick DeTolla

Nora Grace Donnelly
Also with a Major in Course XVIII

Richard Guang
Minor in Statistics and Data Science
(February, 2024)

Bryce David Hancock
Also with a Major in Course XVIII

Michael B. Holcomb

Jessica C. Jin

Kelly Frances Lahart

Andrew C. Merrell

Evelyn Grace Peters

Matthew A. Sardis

Angela Jingyi Su
Also with a Major in Course VI-14

Joshua A. Sweet

SCHOOL OF SCIENCE

Bachelor of Science in Chemistry

Course V

Department of Chemistry

Ali Mohammed A Alasmari

Mohammed H. AlKhurisi
Minor in Design

Shicheng Hu

Ygor Moura

Myles I. Noel
Minor in African and African Diaspora Studies

Angelica D. Phan
Also with a Major in Course XXI-H

Karla A. Ravin

Bachelor of Science in Chemistry and Biology

Course V-7

Department of Chemistry

Peyton Trinity Acoff

Katherine Elizabeth Bell

Heng-Jui Chang
Minor in Biomedical Engineering

Katherine R. Duan

Ana Florescu-Ciobotaru
Also with a Major in Course X-B

Flora W. Fu

Isabela Maria Fuentes
Minor in Science, Technology, and Society

Mudita Goyal
Also with a Major in Course XX
Minor in Economics

Henry J. Hardart
Minor in Brain and Cognitive Sciences

Katherine E. Heslip

Christina Eunji Kim

Jaden Joshua Luo
Also with a Major in Course VIII
Minor in Computer Science

Jessica L. Mann
Minor in Music

Emma D. Martin

Oswaldo A. Martinez

Ananthan Sadagopan

Achilleus H. Savvidis
Also with a Major in Course VIII

Daniel Sharygin

Cholapat Varongchayakul
Also with a Major in Course X-B

Bachelor of Science in Biology

Course VII

Department of Biology

Andrea Onyinyechi Akwiwu

Luke Gustav Anderson
Also with a Major in Course XV-3

Meredith Elise Arterburn
Minor in Finance

William J. Bleyenbergh III

Balyn G. Brotheridge

Isabella S. Carlo
Also with a Major in Course IX
Minor in Ancient and Medieval Studies

Sundeep Chakladar
Minor in Science, Technology, and Society

Caitlin N. Doyle
Minor in Linguistics

Victoria Dzieciol

Katherine I. Hobgood

Sruthi Kalavacherla
Minor in Women's and Gender Studies
(February, 2024)

Evan Alexander Kowal
Minor in History

Savannah M. Lawrence
Minor in Women's and Gender Studies

Hanjun Lee

Makenzie Love
(February, 2024)

Anna V. Plank
Also with a Major in Course VI-9
Minor in Biomedical Engineering

Brindha Priya Rathinasabapathi
Minor in Music

Amari Rebolledo-Ledesma

Phoenix M.B. Swartz

Estin Kairos Van Alstine
Minor in Theater Arts

Melody Yu
Also with a Major in Course IX
Minor in Music

Caroline S. Zhang
Minor in Brain and Cognitive Sciences

Rebecca S. Zhang
Minor in Chemistry

Bachelor of Science in Physics

Course VIII

Department of Physics

Omar Abdelghani
Also with a Major in Course XVIII

Joseph A. Alongi
Minor in Mathematics
Minor in Computer Science

Athira Arayath
Also with a Major in Course XVIII

Michael V. Bhopaul
Minor in Mathematics

Berkin Binbas
Also with a Major in Course VI-3

Allison N. Brattley
Also with a Major in Course IX

Sean Chen
Also with a Major in Course VI-3

April Q. Cheng
Minor in Mathematics

Seoyeon Choi
Also with a Major in Course VII
Minor in Mathematics
(February, 2024)

Jade Chongsathapornpong

Jessica Zhang Cohen
Minor in Energy Studies

Abigail M. Colclasure
Also with a Major in Course XII

Hannah Nahid Didehbani

Stephan R. Ducrepin
Minor in Computer Science

Owen M. Dugan

Chirag Falor
Also with a Major in Course VI-4
Minor in Mathematics

Ianá Y.R. Ferguson
Minor in Earth, Atmospheric, and Planetary Sciences
Minor in French

Xinyi Fu

Gosha Geogdzhayev
Minor in Mathematics
Minor in Computer Science

Natalia Goroncy
Minor in Science, Technology, and Society

Subhash C. Kantamneni
Also with a Major in Course VI-2

William Fan Li
Also with a Major in Course VI-3
Minor in Biology

Sebastien Luc Olivier G. Lohier
Also with a Major in Course VI-2

Juan Antonio Luera
Also with a Major in Course VI-2
Minor in Chinese

Joseph Alan McCarty
Also with a Major in Course XVIII

Ryan P. McTigue
Also with a Major in Course XVIII

Obinna Patrick Modilim

Erick Padilla
Also with a Major in Course XVIII

Panupong Phoompson
Also with a Major in Course VI-14
Minor in Mathematics
Minor in Astronomy

Albert W. Qin
Also with a Major in Course XVIII

Dylan J. Raphael
Also with a Major in Course XVIII

Maya Sachiko Redden

Cory James Romanov

Isabelle Ambre Jeanne Rose

Olivia T. Rosenstein
Minor in French

Ellison Julie Scheuller
Also with a Major in Course XVIII

Nathan J. Sesti
Minor in Computer Science

Jordan W. Sprague

Nicolas Ken Kahiau Tanaka
Also with a Major in Course VI-1

Melbourne Tang
Minor in Biology
Minor in Music

Max J. Tao
Also with a Major in Course VI-2
Minor in Mathematics

Tung X. Tran
Also with a Major in Course XVIII-C

Aidan K. Van Duzer
Also with a Major in Course XXI-G

Chris Viets
Also with a Major in Course VII

Utheri Mureria Wagura
(September, 2023)

Jessica Wang
Also with a Major in Course VI-1
Minor in Mathematics

Charlotte I. Wickert
Also with a Major in Course XXII-ENG
Minor in Music
(See also S.M., Course XXII)

Warit Wijitworasart
Minor in Astronomy

Clara Y. Xu
Also with a Major in Course XXI-S

Bachelor of Science in Brain and Cognitive Sciences

Course IX

Department of Brain and Cognitive Sciences

Ines Escobedo

Vivian Beatriz Garcia Fonseca
Minor in Anthropology

María Guadalupe García-García

Melody Hanyun Guo
Minor in Biology

Jessica SE Han

Jason Ohiowa Li
Also with a Major in Course VI-4

Emmi L. Mills
Minor in Spanish

Benjamin A. Rothaus Barrera

**Bachelor of Science in
Computation and Cognition**

Course VI-9

*Department of Brain and Cognitive
Sciences in conjunction with the
Schwarzman College of Computing*

Ronald Alvarez

Nabil V. Baugher

Ashley Marie Benallo

Jessica Buerkour Boye-Doe

Jasmine J. Chen
Minor in Design

Sydney S. Chun

Audrey Yining Cui

Ariadne Maria Dulchinos Marini

Abigail S. Dulski

Megan Marie Eberts

Cynthia X. Fang

Robert Preston Hess
Minor in Design

Ritika Jeloka
(February, 2024)

Andrew W. Jenkins
(See also M.Eng., Course VI-9)

Carol Jiang
Also with a Major in Course XXI-M
Minor in Mathematics

Elaine Jutamulia
Minor in Music Technology

Gloria H. Kang
Minor in Biomedical Engineering

Inori Kawauchiya

Ariba Khan

Abigail Leah Klein

Quinn Patricia Langford
Minor in Linguistics

Eugene K. Lee

Hanjie Liu

Rachel Jueun Park
Minor in Management

Yuting Qin
Also with a Major in Course XVIII
(See also M.Eng., Course VI-9)

Simon Radhakrishnan
Minor in Design

Gustavo Ramirez

Tara S. Sarma

Theodore Schoenfeld

Zoe L. Sheill
(February, 2024)

Nakul Shenoy
Also with a Major in Course XVIII
(February, 2024)

Nicole Zoi Shigiltchoff

Reece Smoyer Shuttleworth
(February, 2024)

Matthew Azariah Soza
(February, 2024)

Bennett L. Stankovits

Amanda Grace Tong

Camille G. Uldry Lavergne
(February, 2024)

Opalina Vetrichevan
Minor in Biology

Kelly G. Wang

Christopher Z. Wong

Harley B. Yoder II
Minor in Biomedical Engineering

Andrii Zahorodnii

Kristine X. Zheng
Minor in Women's and Gender Studies

**Bachelor of Science in Earth,
Atmospheric, and Planetary
Sciences**
Course XII
*Department of Earth, Atmospheric,
and Planetary Sciences*

Phoebe Lin
Also with a Major in Course XVIII
Minor in Music

Rebecca Ann Mastrola

Claire J. McLellan-Cassivi
Also with a Major in Course XVI-ENG
(February, 2024)

Argen Smith
Also with a Major in Course VIII

**Bachelor of Science in
Mathematics**
Course XVIII
Department of Mathematics

Daniel Acosta

Bhavya Kumar B. Agrawalla
Also with a Major in Course VI-4

Evgeniya Artemova
Also with a Major in Course VI-2

Gaurav Arya
Also with a Major in Course VI-2

Mauricio Barba da Costa
Also with a Major in Course VI-4

Sarah Gayle Bentley
Also with a Major in Course VI-4

Joseph A. Camacho

Joanna Y. Cao
Also with a Major in Course VI-14

Sichen Shawn Chao
Also with a Major in Course XV-2

Yiming Chen
Also with a Major in Course VI-3

Emily Cheng
Also with a Major in Course VI-4

Abdellatif Anas Chentouf
Also with a Major in Course VI-4

Jake M. Chuharski
Also with a Major in Course VI-9
Minor in Music

Ryan Conti
Also with a Major in Course VI-3

Akash Das
Also with a Major in Course VI-3
(February, 2024)

Adam Deng
Also with a Major in Course VI-4

Paige Dote

Jonathan Seth Edelman
Also with a Major in Course VI-3
Minor in Chemistry

Ezra J. Erives
Also with a Major in Course VI-3

Ibrahim Suat Evren
Also with a Major in Course VI-14

Vincent K. Fan
Also with a Major in Course VI-3
(See also M.Eng., Course VI-P)

Elijah Oscar Fernández
Minor in Computer Science

Ishan Ganguly
Also with a Major in Course VI-4

Shu Ge
Also with a Major in Course VI-3

Eva L. Goldie

Maks J. Groom

Peter W. Hoffman
Minor in Finance
(February, 2024)

Satya G. Holla
Also with a Major in Course VI-3
Minor in Economics

Anka Hu
Also with a Major in Course VI-9

Daniel Benjamin Hu
Also with a Major in Course VI-3

Michael J. Huang
Also with a Major in Course VI-3
Minor in Economics

Mehrab Sharif Jamee
Also with a Major in Course VI-3
(February, 2024)

Maxwell D. Jiang
Also with a Major in Course VI-3

Tianze Jiang
Also with a Major in Course VI-3

Benjamin G. Kang
Also with a Major in Course VI-3
(See also M.Eng., Course VI-P)

Ashley Ke
Also with a Major in Course VI-3

Elizabeth Ke
Also with a Major in Course VI-3

Veronica Khim
Minor in Finance

Lisa Kondrich
Minor in Computer Science

Zoë Kuhlken
Also with a Major in Course VI-2

Shauna Seoyeong Kwag

Stanislaus S. Lacksen
Minor in Finance

Ziyan Lei
Also with a Major in Course VI-4
Minor in Music
Minor in Linguistics

Saba Lepsveridze

Rupert Michael Li
Also with a Major in Course VI-14
Minor in Business Analytics
(See also M.Eng., Course VI-14)

Jason J. Liu
Also with a Major in Course VI-3
(See also M.Eng., Course VI-P)

Selena Shihui Liu
Minor in Computer Science

Siyu Liu
Also with a Major in Course VI-2

Jeffrey Lu

Yuyuan Luo
Minor in Writing

Zhao Yu Ma
Also with a Major in Course VI-3
Minor in Physics

Yuka Machino
Also with a Major in Course VI-4

Alizaye M. Manigo

Sage T.L. Maxwell

Katherine Evelyn Miner
Minor in Political Science
Minor in Computer Science

Kartikesh Mishra
Also with a Major in Course VI-3

David C. Morgan
Also with a Major in Course XXI-M

Yuru Niu
Minor in Linguistics

Daniel T. Ogbe

Jeffery Opoku-Mensah

Also with a Major in Course VIII
(February, 2024)

Elaine G. Ortiz

Also with a Major in Course XV-1

Katherine LiYue Pan

Mackenzie J. Relihan

Also with a Major in Course XIV-1

Elias G. Rojas Collins

Also with a Major in Course VI-3

Grace M. Rojo

Minor in Literature

Jon F. Rosario

Also with a Major in Course VI-3

Consecrata Maria Rozario

Also with a Major in Course VI-4

Daniel Alejandro Santiago-Alvarez

Semen Savkin

Also with a Major in Course VI-3

Jemma Wynne Schroder

Minor in Computer Science

Jeremy Lawrence Smithline

Also with a Major in Course VI-14
Minor in Statistics and Data Science

Thana Somsirivattana

Also with a Major in Course VI-3
Minor in Economics

Johan J. Soto

Also with a Major in Course XXIV-1

Alexis Katrin Spinetta

Minor in Finance
(February, 2024)

Arnold C. Su

Also with a Major in Course VI-3

Pedro A. Suarez Aguirre

Also with a Major in Course XIV-1

Eric Rui Sun

Also with a Major in Course VIII

Yihang Sun

Chatchanun Suriyaammaranon

Also with a Major in Course VI-14
Minor in Management

Maxwell S. Turner

Edward Wan

Also with a Major in Course VI-3

Frank Y. Wang

Minor in Computer Science

Andrew J. Weinfeld

Also with a Major in Course VI-3

Ryan Corrigan Welch

Also with a Major in Course VI-4

Benjamin P. Wright

Also with a Major in Course VI-4

Benjamin M. Wu

Also with a Major in Course VI-2

Yan Wu

Also with a Major in Course VI-3

Janabel T. Xia

Jingdong Xiang

Yi Xie

Also with a Major in Course VI-4

Alicia Yang

Also with a Major in Course VI-9

Andrew Yao

Also with a Major in Course VI-3

Zi Song Yeoh

Valerie A. Yuen

Also with a Major in Course VI-14

Ethan A. Zahid

Also with a Major in Course VI-3

Jerry J. Zhao

Also with a Major in Course VI-2

Wayne Zhao

Sebastian Zhu

Also with a Major in Course VI-3

Alexis Victoria Zitzmann

Minor in Entrepreneurship & Innovation
Minor in Management

**Bachelor of Science in
Mathematics with Computer
Science**

Course XVIII-C

Department of Mathematics

Brian C. Ahaneku

Yazan Almajnoui

Carlos Andrés Alvarado Álvarez

Esha Bhatia

Milo J. Cress

(February, 2024)

Jakob de Raaij

Minor in Art, Culture and Technology

Heidi Alba Durresti

Also with a Major in Course XXIV-2

Jacob H. Furfine

Minor in Ancient and Medieval Studies
(February, 2024)

Kennan F. Gumbs

Minor in Philosophy

James Cirrus Hawkes

Sasha Konovalenko

Danny Mittal

Bryant K. Ndongmo

Christopher J. Pak

Teague Avarie Rice

Daniel Villagran

Also with a Major in Course XXI-M

Sarah Wei

Minor in Business Analytics

Sophie Chenyi Yang
Minor in Economics

Cathy Ann Yung
Minor in Business Analytics
(February, 2024)

SCHOOL OF ARCHITECTURE AND PLANNING

Master of Architecture

Course IV

Department of Architecture

Christopher Hassan Allen, Jr.

(February, 2024)

A Souvenir for the Land of Pagodas

Caroline Amstutz

(February, 2024)

Frictitious Matters

Justin Rene Brazier

(February, 2024)

Archi-Culture or Agri-Tecture: The Garden in The Machine

James Vincent Brice

(See also S.M., Course I)

Wave Mechanics in Constructed Oyster Reefs and the Design of Nature-Based Coastal Adaptation

Bella Carmelita Carriker

(February, 2024)

Fragments of Home: Domestic Businesswomen and Collective Motherhood

Aleksy Robert Dojnow

(February, 2024)

Careful Design: Using Multi-Modal Data and Virtual Reality to Bridge the Subjectivity Gap in Architectural Space-Making

Inge Geraldine Donovan

(See also S.M. Building Tech., Course IV)

The Matter of the Hold: Housing Futures and the Paradigm of the Ship (with D. Pankhurst)

Lauren Taylor Gideonse

(February, 2024)

Love in the Fast Lane: Not-so-New Models for American Stewardship and Preservation

Adriana Giorgis

(February, 2024)

How Old is Now?

William DeBruhl Marshall, Jr.

(February, 2024)

Land Material Geometry: Spline Construction with Invasive Species in a Time of Water Crisis in the Colorado River Basin

Sahil Dharam Mohan

(February, 2024)

Bleeding Details

David Keith Pankhurst

The Matter of the Hold: Housing Futures and the Paradigm of the Ship (with I. G. Donovan)

Ellen Marie Reinhard

(February, 2024)

Changing the Course: Reimagining Switzerland's Aging Nuclear Infrastructure

Katherine Molly Shulman Rotman

(February, 2024)

Destroy Your School: Building with Kids to Reimagine Learning

Jenna Ashley Schnitzler

(See also S.M. Building Tech., Course IV)

Tectonics of the Semi-Permanent: Reassembling Fit-Out Architecture

Amanda Adaku Ugorji

(February, 2024)

Not Allowed: Practicing Process

Yiqing Wang

(February, 2024)

Nothing Unwanted: Prototyping Matter Out of Place

Susan Williams

(February, 2024)

Soft at the Joints

Yuting Zeng

Matter Mind Body Making

Calvin Zhong

(See also M.C.P., Course XI)

A Jail Is Not Social Housing: Making New Grounds for Chinatown

Master of Science in

Architecture Studies

Course IV

Department of Architecture

Merve Akdogan

Gender Glitch Matrix: Queer Aesthetics and the Politics of Error in Digital Media

Hajar Alrifai

Echoes from the Stone: Reframing Preservation in Syria through Haurani Folklore

Ghida Jamal Anouti

Between City and Self: Reading Beirut in Mohamed Soueid's Tango of Yearning

Christina Dimitri Battikha

Salt to Scale: The Seasoning of Buildings

Ekin Bilal

Office of Back of House

Adam Thomas Burke

In Tension: Computational Exploration of the Design Space of Tensile Network Structures

Maria Gabriela Carucci Alvarez

When the Earth Breathes: An Ontology of Volcanic Urbanism

Cheng-Hsin Chan

Damp Skin: Portraits of Taiwanese Domesticity, Resilience, and Otherness

Juan Manuel Chávez Fernández del Busto

The Cycles of aMaízing Things

Chi-Li Cheng

Alive Scene: Participatory Multimodal AI Framework for Collective Narratives in Dynamic 3D Scene

Zoe De Simone

(See also S.M., Course VI)

Developing Frameworks for an Equitable Future: from Building Decarbonization to Generative Modeling

Laura-India Garinois

Designing (with) Trees: Active Agents in Architectural Production

Crystal Ling Griggs

Mapping Wildness: Simulating Post-Extraction Wildland Regeneration

Nebyu Samuel Haile

Low Cost Masonry for the Design of Barrel-Vaulted Flooring Systems

Mahwish Khalil

Alternate Imaginaries for the Kinara: River Ravi's Edge as a Threshold

Amanda Rose Kirkeby

How Much Does it Really Cost?: A Dynamic Approach to Building Retrofit Costs for Decarbonization Pathways

Dhwani Mehta

Common Grounds in Shared Waters: Integrated Design for Negotiating Equitable Development in Gosabara-Mokarsagar

Seyedeh Boshra Moossavi

(September, 2023)
The Idea of Heritage in Nineteenth-Century Iran: Nādir Mīrzā's Account on Tabriz

Tamar M. Ofer

(September, 2023)
(See also S.M., Real Estate Development)
The Collective Speculators' Playbook: Subversive Market Forms for Common Wealth

Selin Sahin

(September, 2023)
Non-Peripheral: Re-Thinking the Organized Industrial Zone

Karl-Johan Ingerslev Sørensen

(See also S.M., Course I)
From Waste to Structure: A Deep Reinforcement Learning Approach for Circular Design

Yi-Ern Samuel Tan

The Technical Discourses of Miyake Design Studio: Episodes in the Interpretation of Cloth, 1995-2007

Demircan Taş

(See also S.M., Course VI)
Parametric Paintover: Generating Design Models via Image Encoders and Latent Trajectories

Hon Ting Wong

Exercising a Haunted City

Wangli Yi

Data-Driven Home Workspace Design: Interactive DIY Platform Mediating the User and Expert Literature

Master of Science in Art, Culture and Technology

Course IV

Department of Architecture

Zhanyi Chen

Stories of the Sky

Aubrie Rose Manion James

What is Ecology?

Ashmi Mridul

(September, 2023)
Filling the Gaps - Exploring the Scope of Arts-Based Education in Jodhpur

Mrinalini Singha

Disrupting Monocultural Tendencies through Multimodal Montage

Master of Science in Building Technology

Course IV

Department of Architecture

Inge Geraldine Donovan

(See also M. Arch., Course IV)
From Liquid to Stone: Reimagining the Design of Concrete Structures for Reuse (with J. Schnitzler)

Svenja Vanessa Herb

Beyond the Bioclimatic Chart: An Automated Simulation-Based Method for Assessing Natural Ventilation and Passive Design Potential

Zoe Emmanuelle Le Hong

Accelerating Urban Building Energy Modeling (with S. Wolk)

Lauren Christine Moore

Pathways to Net Zero: Building Retrofit Financing Strategies for Low-Income Homeowners

Jenna Ashley Schnitzler

(See also M. Arch., Course IV)
From Liquid to Stone: Reimagining the Design of Concrete Structures for Reuse (with I. G. Donovan)

Samuel Jackson Wolk

Accelerating Urban Building Energy Modeling (with Z. Le Hong)

Pitipat Wongsittikan

Automated Engineering Design for Reusable Concrete Building Structures

Master in City Planning

Course XI

Department of Urban Studies and Planning

Surbhi Agrawal

(September, 2023)
The Hidden Network: Addressing Digital Equity Through Meaningful Connectivity in Urban India

Samantha Rose Aibinder

Seeding Trust, Sustaining Equity: Funding and Financing Relationships in the Greater Boston Community Land Trust Network

Anastasia Aizman

A Fifty Million Dollar Piece of Dirt: Somerville as a Case Study in Development

Tracy Joseph Allen, Jr.

(See also M.B.A., Course XV)
Black Collective Memory as Economic Development Practice: Resistance and Renaissance in Louisiana's River Parishes

Natasha Ansari

(September, 2023)
Planning for the Margins: Mapping Conceptual Implications of Profound Intellectual Disability and Informality Through Slovo Park, Johannesburg

Gabriel C. Barrett

Boston Night Owl: A Framework for Introducing Overnight Bus Service That Can Close Significant Spatiotemporal Gaps in Greater Boston's Transit System

Kimberly Stephanie Becerril

Deep Decarbonization of California's Transportation Sector: A Comparative Analysis of Aviation, Electric Vehicles, and High-Speed Rail using the ASIF Framework

David Berón Echavarría

On Power: How Colombia's Oil Company Can Support the Country's Energy Transition

Raul Manuel Briceno Brignole

(See also M.B.A., Course XV)
The Market for Food: Proposing New Financial Products to Reduce the Qualitative Housing Deficit among Female Led Houses in Peru

Bennett Capozzi

Evolution of a Useful Place: The Gas Station in America

Anushree Chaudhuri

Perspectives on Power: Characterizing Public Perceptions Towards Large-Scale Renewable Energy Development in the United States

Yu Jing Chen

(September, 2023)
Growth for Whom? Sacrifice of Chicago's Chinatown Then and Now

Austin Kristopher Cole

(See also M.B.A., Course XV)
Exploring practices of translocal grassroots economies: Planning as a tool of liberation for Africans in the Americas

Annabel Claire Consilvio

Encouraging Reuse in Rural Italy: A Case Study Implementing New Frameworks to Collect Local Data and Understand Feasible Reprogramming Strategies in Guadagnolo

Austin Cameron Davis

Tangled Deeds, Crime, and Land Use: A Geospatial Look into West Philadelphia Displacement

Fabio Marcel de Castro Filho

Jaywalking Index: Visual and Socio-Demographic Patterns in London

Lia Yong-Zhen Downing

Building Blocks of a Just Transition: Green Banks and Residential Building Decarbonization in New York

Eli Zachary Epperson

Planning for the Growth of the Life Sciences in Philadelphia: Workforce and the Bellwether District

Emily Gao Fang

Retrofitting Affordable Multifamily Housing: A Survey of Landlords in Cincinnati, Ohio

Émilie Grace Flamme

Navigating Shared Vulnerabilities: Climate Adaptation on the Split Island of Saint Martin

Lakshmi Chaitanya Reddy Gangamreddypalli

(September, 2023)
Municipal Bonds for Financing India's Urban Infrastructure: The Case of Indore

Patricia Michelle Garcia Iruegas

How Can Cities Effectively Address Gun Violence? Exploring Political Leadership and Organizational Management

Juanita Halim

(September, 2023)
Re-Thinking Urban Retail: The Design and Planning of "Dark Stores" and Public Spaces, Case Study: Manhattan, New York

Journee Akili Harris

Redignifying LaVilla: Visualizing and Recentring Black Epistemologies in the Revitalization of LaVilla, Jacksonville, Florida

Emma Marie Heneine

Cooking Together: Form & Function of Community Kitchens as Urban "Third Places" Promoting Community Wellbeing

Marco Leonardo Javier Herndon Melgarejo

Salvemos Barranco: Contested Visions for the City and Transportation in Barranco, Lima, Peru

Melissa D. Hill

The Imperfect Question of Stadium Development: A Typology of Contemporary Development and Strategies for a Sustainable Future

David Suk Hong

(September, 2023)
Age-Inclusive Design Framework for On-Demand, Shared Autonomous Vehicles

Rebecca Helen Houston-Read

Sustainable Homes for All: Designing a Clean Energy Incentive for Boston's Section 8 HCV Landlords to Improve Tenant Quality of Life

McKenzie Ross Humann

(See also S.M., Transportation)
From Pilots to Stable Services: Documenting the Rise and Diversity of Microtransit in the U.S.

Dyanna Michelle Jaye

A New Era for the Old Dominion: Strategies for the Virginia State Government to Lead an Equitable & Ambitious Energy Transition

Yabework Abebe Kifetew

Pathways to Equity: Mapping the Impacts of Nairobi's Urban Form on Pedestrian Mobility

Minji Kim

Shaping the Future Amid Decline: Integrative Strategies for Aging Koreans and Migrant Workers in South Korea's Shrinking Regions

Joseph Landis

(February, 2024)
Examining the Introduction of Marketplace Dynamics into the United States' Refugee Housing System: Challenges, Successes, and Considerations for Scale

Ana Amelia Letelier

The Story of a Towel: A Comprehensive Approach to Disaster Preparedness: Enhancing Inclusivity and Sustainability in Chile's Emergency Disaster Kits

Trinh Pham Hai Linh

From Factories to Classrooms: The Influence of FDI-Led Industrialization on Educational and Vocational Training Infrastructure in Binh Duong Province, Vietnam

Francisco Emilio Mackin-Plankey
Designing a Home Share Program for
Asylum Seeking Migrants in New York
City

Soad Ali Mana
(September, 2023)
Virtual Sheriff Sales: Contested
Narratives on Tax Sales in Philadelphia,
PA

Katelyn Rose McVay
(February, 2024)
Climate Change and Aging: Analyzing
the Disproportionate Health and
Socioeconomic Vulnerabilities of Older
Adults in Relation to the Climate Crisis
in the U.S.

Mariama N'Diaye
(See also M.B.A., Course XV)
The Civic Design Room: Conversations
on What It Looks Like To Operationalize
Design in Government? With
Community, Within Government, and
Within Your Team

Anisha Patil Nakagawa
(February, 2024)
Understanding Climate Change through
a Community Definition of Resilience:
Qualitative Analysis of Interviews and
Implications for Practice

Jason Mick Ng
(See also S.M., Real Estate Development)
Claiming Identity through Space:
LGBTQ+ Community Building via
Commercial Development in West
Hollywood and Palm Springs

Nineveh O'Connell
Wildly Inaccessible: Reaching Public
Lands via Public Transit

Hazel Backus O'Neil
Pa'ashi Park: Resiliency, Restoration,
and Reparative Planning for California's
Tulare Lake Basin

Sung Eun Sally Oh
Organized Labor & Just Transition:
Examination of the Role of Organized
Labor in Advancing Equity through
Clean Energy Investments

Elyse Lenore Oliver
Community Transportation Acts Archive

Oussama Ouadani
An Agroecological Response to the
Militarized Urban in Vieques, Puerto Rico

Nolen Phya
The Mirror Project: A Portrait of Urban
Inequality

Muhammad Rizki Rayani Ramadani
Navigating Vulnerability: Harmonizing
Disaster Risk Reduction and
Management with Socio-Spatial
Construction of Risk in Post-Tsunami
Aceh

Tiandra M. Ray
Urban Wilderness, el Campo en la
Ciudad: Liberatory Land Practices and
Gardens as Portals in the Puerto Rican
Diaspora

Eduardo Rosario
(See also M.B.A., Course XV)
Balancing Purpose and Growth:
Evaluating Community Land Trusts
(CLTs) as an Organizational Model and
the Imperative for Strategic Management

Ponpat Sahacharoenwat
Understanding the Complex Dynamics
of Regenerating Urban Vacancy: A Case
Study of Songkhla, Thailand

Victoria Daniela Santiago Araiza
Local Autonomy and the Value Capture
Debate in Mexico City: A Land-Based
Analysis Towards a Decade of Political
Reform

Leonard Robert Schrage
Visual AI for Sustainable Urban
Development: Computer Vision and
Machine Learning Applications for
Climate and Social Impact

Daud Shad
Seeking Relief in the City: An
Examination of Planning in Karachi to
Support Internally Displaced People after
the 2022 Floods in Pakistan

Anushka Vijay Shahdarpuri
Building Coastal City Resilience and
Extreme Heat Action in Zanzibar,
Tanzania through Multi-Hazard Risk
Assessment (MHRA)

Misha Shahid
Confronting Glacial Hazards: A Study
of Disaster Impact and Community
Adaptation to Glacial Lake Outburst
Floods in Hunza, Pakistan

Hannah Nicole Shumway
Databases for Healing and Justice: Co-
Design with a Grassroots, Indigenous
Organization

Sarah Joella Simon
(February, 2024)
PFAS and the Future of Rural Land

Melissa Qingqing Teng
(September, 2023)
The Urgency of Presence: Designing
Healing Community Spaces After
Displacement

Bethlehem Fisseha Tesfaye
Beyond Rural to Urban: Examining
Urbanization and Quality of Life in
Hawassa, Ethiopia

Eva A. Then
Investigating the Impacts of Boston's
Fare Free Bus Route on Urban Mobility
Behavior: A Framework for Causal
Analysis

Diamond Nichole Christine Thompson
Klondike Memory Project: Race, Counter-
Memory, and Planning Processes

Yuvika Tolani
Making Place for Arts & Culture: How
Arts & Culture Play into Interdisciplinary
Strategies for Community Development
without Displacement

Keili Alana Tucker
Step by Step: Suburban Active
Transportation Planning in Spring Hill,
Tennessee

Nwakaego Uzoh
(See also M.B.A., Course XV)
How Post-Pandemic Public Transit
Journeys Can Inform Employers' Return
to Office Strategies in Boston, MA and
Washington, DC

Sanne Eva Wright
Whales & Wind: A Case Study on
Misinformation About Renewable Energy
Development

Keiko Yabe

Reflective Planning and Design for Community Resilience: A Case Study in a Vulnerable and Shrinking Japanese Village

Elisha Rose Zhao

Home, Again: Recommendations for Strengthening Social and Financial Post-Buyout Outcomes of the New Jersey Blue Acres Program

Calvin Zhong

(See also M. Arch., Course IV)
A Jail is Not Social Housing: Making New Grounds for Chinatown

Master of Science in Media Arts and Sciences

Program in Media Arts and Sciences

Chelsi Alise Cocking

(September, 2023)
Illuminate

Aniruddha Ghosh

Structural Wireless Delamination Sensor

Lingdong Huang

(September, 2023)
Drawing as Programming Language

Kyuho Jang

Development and Evaluation of a Potentially Wearable Device for Circulating Cell Monitoring

Ila Krishna Kumar

(September, 2023)
Fostering Well-Being: Designing Technology to Improve the Psychological Well-Being of Foster-Involved Youth

Naana Darkwaa Obeng-Marnu

Translations: Designing Restorative Listening Spaces in the Age of Social Fragmentation

Preet Rajeshkumar Patel

Peripheral Nervous System Modulation with Wireless Cellular Sized Freestanding Injectable Devices

Leonard Francis Vibbi

(September, 2023)
Human Code Exchange(HCX): A Community-Value-Driven Framework for Data Governance in Humanitarian Crises

Thais Cavalcanti Xisto

(September, 2023)
Playful Occupations: Mobile Creative Coding for Critical Consciousness

Wazeer Deen Zulfikar

AI Interfaces for Augmenting Episodic Memory

Master of Science in Media Technology

Program in Media Arts and Sciences

Maxwell Kwadwo Addae

(September, 2023)
VocalCords: Exploring Tactile Interaction & Performance with the Singing Voice

Cecilé Elyse Sadler

(September, 2023)
Fugitive Spaces for Cultivating Creativity: A Framework for Value-Centered Learning Environments

Master of Science in Real Estate Development

Center for Real Estate Development

Christopher

(February, 2024)
Negotiating ROI (Return on Investment) for ROI (Return on Impact): A Pre-Feasibility Study of Socio-Eco Nature Based Resort Development in Eastern Indonesia

Yoonseo Cha

(February, 2024)
Real Estate Strategies for Mission-Driven Organizations

Rohit Singh Chauhan

(February, 2024)
Applications of Generative AI in Real Estate Industry

Gautham Somana Chotangada

(February, 2024)
Examination of Airbnb Demand and Supply in India

William George Coen II

(September, 2023)
Understanding Developer and Lending Risk Associated with Offsite Construction in Various Different Housing Markets

Nick Kelly Dessalines

(September, 2023)
The Future of Office Space

Yizhuo Ding

(February, 2024)
The Performance of Real Estate Investment Strategy Across Multiple Cycles: A Comparison of Core and Non-Core Strategies Based on A New Dataset and Industry Interviews

Mamoun El Alaoui El Abdallaoui

Terra Firma: Navigating Morocco's Built Environment & Terrain

Julio E. Flores Jimenez

(February, 2024)
Unveiling the Dynamics of Inflation in Housing Rent

Nayeon Hong

(February, 2024)
Elsewhere in New York City: Seeking Opportunities for Office Conversion

Khanachai Kittisorayut

(February, 2024)
Real Estate Redevelopment Framework: Quantitative Analysis of Adaptive Reuse Strategies

Sang Hyup Lee

(February, 2024)
Navigating the Storms of Distressed Ventures: South Korean Investments in US Office Real Estate

Mingyao Li

(February, 2024)
Distressed Real Estate Investment Strategy in North America

Carlos Augusto Mejia Martinez

(September, 2023)
Flooded with Possibilities: Analyzing Flood Insurance as a Catalyst for Development in Southeast Florida

Andrew John Nader
(February, 2024)
Housing in Massachusetts

Jason Mick Ng
(See also M.C.P., Course XI)
Claiming Identity Through Space:
LGBTQ+ Community Building via
Commercial Development in West
Hollywood and Palm Springs

Tamar M. Ofer
(September, 2023)
(See also S.M.Arch.S., Course IV)
The Collective Speculators' Playbook:
Subversive Market Forms for Common
Wealth

Joon Tae Park
(September, 2023)
Shared Equity Homeownership in Korea:
Analysis of the First Public Programs

Clemens Frederic Reimer
(September, 2023)
Analysis of Acquirer Abnormal Returns
in Listed European Real Estate M&A
Transactions

Yueqi Sun
(February, 2024)
Top Retailers in the United States: A
Changing Landscape of Space Demand in
a Post-COVID Era

Shao Lan Wang
Charting A Course Through Uncharted
Terrain: Seeking Opportunities in the
U.S. Real Estate Private Debt During
Challenging Times

Tsung-Hsuan Wu
(February, 2024)
Real Estate Performance and Business
Cycles

Ben Xu
(February, 2024)
Solar Roof Monetization in US Industrial
Real Estate

Master of Science
(without specification of field)

Nicole Bakker
Med. Arts & Sciences
Material Recovery Potential from Solar
Photovoltaics: Predictive Modeling and
Characterization to Advance the Circular
Economy

Gauri Gupta
Med. Arts & Sciences
Unlocking Collective Intelligence in
Decentralized AI

Samantha Gutierrez Arango
Med. Arts & Sciences
Force Dynamics of the Rat Lateral
Gastrocnemius Muscle After Undergoing
Sensory Protection

Charles Jiali Lu
Med. Arts & Sciences
Decentralized Data Markets

Nazish Naeem
Med. Arts & Sciences
(September, 2023)
Investigations into Ultra-Low-Power
Underwater Imaging

Simeon Ivanov Radev
Med. Arts & Sciences
The Prime Factorization of Proteins

Ikra Iftekhhar Shuvo
Med. Arts & Sciences
(September, 2023)
Microfabrication and Characterization
of a New Box-Shaped High Frequency
(7.5 MHz) Low Aperture 2D Phased
Ultrasound Transducer Array

Siddharth Somasundaram
Med. Arts & Sciences
Mobile Multi-Bounce LiDAR

Boyu Zhang
Med. Arts & Sciences
(September, 2023)
Circadian and Multi-day Rhythms in
Generalized Tonic-Clonic Seizure: A
Probabilistic Approach

Lige Zhang
Med. Arts & Sciences
Tools for Mapping the Links Between
Stimuli, Affective States, and Behavior
through Whole-Brain Imaging in
Zebrafish Larvae

SCHWARZMAN COLLEGE OF COMPUTING

Master of Science in Computational Science and Engineering

Program in Computational Science and Engineering

Utkarsh

Automating Heterogeneous Parallelism in Numerical Differential Equations

Meshal Abdulrahman S Alharbi

(See also S.M., Course VI)

Sample Efficient Reinforcement Learning with Partial Dynamics Knowledge

Noor Almazroa

(September, 2023)

Assessing Transit Oriented Development Using Satellite Imagery: Riyadh vs. Phoenix

Demi Lin Fang

(See also Ph.D., Course IV)

Informing Decision-Making in Single-Objective, Mixed-Variable Design Problems

Yuliia Orlova

(September, 2023)

Gradient-Based Optimization of ReaxFF Parameters Using Pytorch for the Study of Silica Precipitation

Christopher Terrence Quinn

(September, 2023)

A Lagrangian, Discontinuous-Galerkin Material Response Solver for the Analysis of Ablative Thermal Protection Systems

Aaditya V. Rau

Quantification of Elastic Incompatibilities at Triple Junctions Via Physics-Based Surrogate Models

Jaya Manideep Rebbagondla

(February, 2024)

Neural Implicit Representations for Engineering Design

Alexander Zhong Wang

Structure-Guided in Silico Design of RNA Aptamers and Ligands

Master of Science in Social and Engineering Systems

Program in Data, Systems, and Society

Xinyi Han

A Causal Framework to Evaluate Racial Bias in Law Enforcement Systems

Master of Science in Technology and Policy

Institute for Data, Systems, & Society

Alanoud Omar Alhakbani

Battery Blueprint: Saudi Arabia's Strategic Foray into the Battery Value Chain

Bhavani Ananthabhotla

(September, 2023)

Impact of Affirmative Fair Housing Marketing Plan Regulations on Experienced Residential and Neighborhood Diversity Following Tenant Selection

Layla S. Araiinejad

The Techno-Economic Analysis of Deuterium-Tritium Fusion Power Plants: An Assessment of the Economic and Social Implications Associated Deployment

Les Gabriel Armstrong

(See also S.M., Course VI)

Modeling the Impact of the Inflation Reduction Act and Hydrogen Storage in Salt Caverns in the Mid-Atlantic United States

Lauren Jennifer Blanks

An Investigation into Novel Aluminum Fuel for Expeditionary Power Applications

Eunseo Choi

(February, 2024)

(See also S.M., Course VI)
When, Who, How (Not) to Imitate? The Role of Imitation in Collective Intelligence, and Its Implications on the Design of Socio-Technical Systems

Christian Earl Cmehil-Warn

(See also S.M., Course VI)

Hollywood Workers vs Tech: In Theory and in the News

Adrien Concordel

Securing the Future: US Policy Perspectives for Critical Materials

Taylor Lynn Curtis

Documentation as a Tool for Algorithmic Accountability

Aniruddha Suhas Deshpande

(September, 2023)

(See also S.M., Course VI)

Machine Learning for Modeling and Control of a Packaging Manufacturing Process

Luc Marcel Marc Gendre

Uniting Expertise in International Development: Rethinking Decision-Support Technologies for Inclusive Stakeholder Engagement

Michael Anthony Giovanniello

Strategies for Electricity Procurement to Achieve Zero Emissions

Kailin Graham

(February, 2024)

(See also S.M., Course VI)

Doing the Dirty Work: Analyzing the Distribution of Employment Vulnerability to the Energy Transition Through Employment Carbon Footprints

Dansil Lynnee Green

In-Space Assembly of a Remote Sensing CubeSat for Rapid Disaster Response

Lan Linh Hà

(See also S.M., Course VI)

Empowering Energy Conservation: Low-Cost Interventions for Commercial and Residential Settings

Peter John Heller

Assessing United States Energy Poverty Policy: Regulatory Design Alternatives and Resource Allocation

Courtney Regina Kirkpatrick
(See also S.M., Course XVI)
A Technical and Policy Needs Analysis
for Space Traffic Management of Low
Lunar Orbit

Benjamin Bernard Lewis
Drug Policy as Public Health Policy

Beichen Lyu
(September, 2023)
Regulatory Benchmarking by Machine
Learning: The Case of Climate Resilience
in Electric Utilities

Rameen Hayat Malik
Barriers and Opportunities for Building
Responsible Nickel to Electric Vehicle
Supply Chains in Indonesia

Christopher Coleman Maynard
Understanding the Past, Present, and
Future of Protein Security

Mrigi Munjal
(See also S.M., Course III)
Strengthening Value Chains for
Developing and Deploying Batteries in
the Global South

Johnattan H. Ontiveros
Contractor Learning and Home Energy
Efficiency in Heat Pump Installations

Serena Naresh Patel
(February, 2024)
(See also S.M., Course VI)
Coal Retirement Strategies in India:
Repurposing Coal Plants into Thermal
Energy Storage

Mahmoud M. Ramadan
(September, 2023)
(See also S.M., Course II)
Methodology for Pyrolysis-Induced
Thermal Runaway Analysis in Li-ion
Batteries

Deepika Raman
Deriving Community-Relevant Axes/
Attributes for LM Alignment

Edgar Ramírez Sánchez
(See also S.M., Course VI)
Learning Surrogates for Diverse Vehicle
Emission Models

Abigail Marie Randall
The Policy, People, and Place Impacts of
Mining for the Clean Energy Transition
in the US

Jorge Isaac Sandoval Sandoval
(September, 2023)
Targeting the Innovation Pipeline in
Emergent Technology Ecosystems: The
Case of Government Interventions in
Quantum 2.0 Technologies

Morgan Andrew Santoni-Colvin
(September, 2023)
The Power-Gas Demand Impacts and
Regulatory Implications for the Future of
Gas Systems Under the Electrification of
Space Heating in Cold Climates

Youssef Hassan Sayed Shaker
(February, 2024)
(See also S.M., Course VI)
Multi-Vector Energy Systems Analysis for
Low-Carbon Power and Transportation

Paul Pierre Marie Sizaire
(September, 2023)
The Procurement of Low Carbon
Hydrogen in Germany and the United
States

Prajna Vinay Soni
(See also S.M., Course VI)
Addressing Misalignment in Language
Model Deployments through Context-
Specific Evaluations

Graham Matthew Turk
Designing Electricity Distribution
Network Tariffs for Beneficial
Electrification

Varsha Vaidyanath
Benchmarking Pavement Environmental
Performance Using Data-Driven
Modeling and Policy

Christopher B. Womack
(February, 2024)
(See also S.M., Course XVI)
Development and Stakeholder-
Informed Evaluation of Global Climate
Temperature Response Functions

Philipp Zimmer
(February, 2024)
(See also S.M., Course VI)
Advancing Anticipatory Action in
Humanitarian Aid and Development
Using Natural Language Processing

SCHOOL OF ENGINEERING

Master of Engineering in Civil and Environmental Engineering

Course I-P

Department of Civil and Environmental Engineering

Anne-Sixtine Harlin

The Garabit Viaduct: A Historical and Structural Study

Malo Pierre Jean Lahogue

Resiliency Oriented Scenario Generation Framework for Natural Gas Infrastructure

Catherine Suet-Ching Lu

Soil Moisture-Based Drought Monitoring Using Remote Sensing over Africa

Katherine Pamela Moir

Overturning of No-Tension Towers

Jacob Alexander Morgan

Evaluation of Deep Learning Algorithms in Predicting Seismic Response of a Reinforced Concrete Structure

Ines Ortea Varela

Exploring the Mechanical Behavior of a Traditional Japanese Joint for Flexible Structural Design

Jad Raad

Microneedles for Easier Fish Skin Penetration and Longer Attachment

Jennifer Lin Schug

Tradeoffs Between Aboveground and Soil Carbon Accumulation Following Forestation

Antony Johan Sutanto

Cracking Common Notions Relating Egg Strength to Impact Orientation

Bo Junior Tignol

Effect of Turbine Motion on Floating Offshore Wind Turbine Aerodynamics

Raphaël Trézariou

Farm-Scale Water Storage in Morocco: Low-Carbon Design with Parametric FEA Optimization

Sydney Caitlyn Wickman

Estimation of County-Level Evapotranspiration and Irrigation Using High-Resolution Planet Satellite Data

Ruth Hodin Wilson

The Structure of the Registry Hall at Ellis Island

Master of Science in Civil and Environmental Engineering

Course I

Department of Civil and Environmental Engineering

Alexander Adekunle Adelabu

(See also M.B.A., Course XV)
Improving Efficiency in Lubricant Logistics: A RelaDyne Case Study

Siddhant Agrawal

(See also M.B.A., Course XV)
Digital Twin-Driven Supply Chain Enhancement to Support Direct-to-Consumer Growth

Faisal Ibrahim Alnasser

(September, 2023)
Tracking Dust Plumes and Identifying Source Areas Using Spatiotemporal Clustering of Remote Sensing Data

Shivam Bhakta

(See also M.B.A., Course XV)
Sustainability Analytics - Lowering Emissions With Operational Efficiency

James Vincent Brice

(See also M. Arch., Course IV)
Wave Mechanics in Constructed Oyster Reefs and the Design of Nature-Based Coastal Adaptation

Rebecca Lyn Cohen

(See also M.B.A., Course XV)
Oil & Gas Regional Operations Electrification Estimation

Jack Zhou Easley

(See also M.B.A., Course XV)
Engineering Strategy for Reshoring

Thomas Henzel

Mechanical Behavior and Interfacial Failure of Adhesive Soft Solids under Torsion

Cameron Thomas Gerald Hoffman

(See also M.B.A., Course XV)
Modeling System Efficiency in Mixed-Model Assembly Lines

Eve Rachel Meltzer

(February, 2024)
A Microscale Analysis of Millimeter-Wave Induced Vitrified Basalt for Use in Enhanced Geothermal Energy Systems

Mark Bryant Membreno

(See also M.B.A., Course XV)
Price Elasticity of Air Travel Demand Using Econometric and Machine Learning

Yanghan Qi

(See also M.B.A., Course XV)
Building Inventory Simulations for High Velocity Garment Retail Stores

Sierra Nicole Rosenzweig

(See also M.B.A., Course XV)
Greenhouse Gas Optimization Across a Multi-Echelon Manufacturing and Distribution Network

Patric Ryser

(February, 2024)
Sensitivity of Precipitation to Land-Use Changes in a Regional Climate Model of West Africa

Gillian Lee Schiffer

Embedding Engineering Intuition into Computational Design through Interactive Topology Optimization

Stéphanie Emmanuelle Sévère

(See also M.B.A., Course XV)
Creating the Warehouse of the Future

Karl-Johan Ingerslev Sørensen

(See also S.M.Arch.S., Course IV)
From Waste to Structure: A Deep Reinforcement Learning Approach for Circular Design

Sajiree Vivek Vaidya
(See also M.B.A., Course XV)
Data Roadmap for Last Mile Sustainability

Carlos David Vela González
(See also M.B.A., Course XV)
Resilient by Design: A Supply Chain Digitalization Journey

Adam Donald Vignaroli
(See also M.B.A., Course XV)
Establishing Inventory Maturity in a Make-To-Order Manufacturing Environment

Athikom Wanichkul
Structure Function Relation of Porous 2D Material via SGC MC Simulation and Statistical Models

Daniel Thomas Willette
(See also M.B.A., Course XV)
Paths to Achieving Scope 1 Carbon Neutrality in Building Utilities

Rong Yao
(See also M.B.A., Course XV)
Delivery Estimate Accuracy: Understanding and Reducing Virtual-Physical Mismatches and Missorts in Fulfillment Centers

Master of Engineering in Advanced Manufacturing and Design
Course II-P
Department of Mechanical Engineering

Hadeel Ayman Abdo
(February, 2024)
Design and Development of a Mobile Motion Capture Suite for Advancing Technology Adoption

Cheng Chang
(September, 2023)
Enhancing the Accessibility and Usability of Motion Capture Technology: Design and Development of Indoor MoCap Hardware System

Sophia Cheung
(September, 2023)
Machine Learning Methods for Automated Macro-Inspection and Improved Defect Identification in Semiconductor Manufacturing

Vineeth Gowra
(September, 2023)
Optimization of Throughput in Sheet Metal Manufacturing by Tuning the Sheet Metal Nesting Strategy Based on Sheet Utilization and Downstream Part Handling Costs

Somesh Sunil Jaiswal
Enhancing Engineering Education: Integration of the Desktop Fiber Extrusion Device (FrED) for Hands-On Learning in Smart Manufacturing

Mingyuan Li
(February, 2024)
(See also S.M., Course VI)
Process Optimization and Cost Analysis of Electrochemical Micromachining for Volume Manufacturing

James Chandler Liggett
(September, 2023)
Cost Optimization in Sheet Metal Manufacturing by Tuning the Sheet Metal Nesting Strategy Based on Sheet Utilization and Downstream Part Handling Costs

Pierre Lonni
(February, 2024)
From Lab to Life: Bridging Gaps in Motion Capture for Public Accessibility through Integrated Hardware and Software Solutions

Keeghan Jayden Patrick
(February, 2024)
A Machine Learning Approach to Improve Diameter Control in Desktop Fiber Extrusion Processes

Gazi Sadman Sakib
Mechanical Design and Learned Control System Development of Fiber Extrusion Device on Industrial Programmable Logic Controller (PLC) Platform

Jonathan A. Sampson
(September, 2023)
Improving Macroscale Defect Detection in Semiconductor Manufacturing Using Automated Inspection with Convolutional Neural Networks

Gary Sefah
(September, 2023)
Low-Cost Fiber Extrusion Device for Educational Purposes: Redesign, Manufacture, and Computer Vision Integration

John Timothy Waterworth
(September, 2023)
Deep Learning for Macroscale Defect Detection in Semiconductor Manufacturing

Wenhao Xu
(February, 2024)
Development and Production of Affordable Desktop Fiber Extrusion Devices (FrED) for Educational Purposes

Yutong Zhang
(February, 2024)
Development of Process Control Framework Incorporating Deep Reinforcement Learning for Desktop Fiber Extrusion Device via PLC Implementation

Master of Science in Mechanical Engineering
Course II
Department of Mechanical Engineering

Marcelo Oliveira Aguiar
(See also M.B.A., Course XV)
Economic Comparison of Solar Racking Options to Decarbonize Florida Power & Light's System

Asia Mon'a Allison
(See also Naval E., Course II)
Design and Modeling of Offshore Nuclear Platform Fuel and Transfer System

Cathleen Arase
An Invertebrate-Inspired Approach to Design and Manufacturing in Soft Robotics

Kevin James Becker

Development of a Distributed Simulation Cluster for MOOS-IvP

Elizabeth Marie Bernhardt

(February, 2024)

Probing the Role of Amines in Aqueous Electrochemical Reduction of Captured-State CO₂

Kaleb A. Blake

Automation of In-Bed Repositioning, Assistance to Sitting, and Transfer for Bedridden Patients via Robot Arms and Strap Interface

Roberto A. Bolli, Jr.

(September, 2023)

Design and Optimization of a Handle Robot for Providing Bodily Support to Elderly Persons

Joseph E. Bonavia

(September, 2023)

A Semi-Analytical Model for Nonlinear Elliptical Inclusions with Spherical Eigenstrains

Melissa Brei

(September, 2023)

Technoeconomic Feasibility of Decentralized Desalination in the Navajo Nation

Kyle Joseph Buznitsky

Laboratory-Scale Thermal Energy Grid Storage (TEGS) Prototype

Tess Amanda Callan

Droplet Based Microalgae Photobioreactor for Biofouling Prevention

Kendrick Dionnuel Cancio

Towards Dynamic Manipulation on an Anthropomorphic Robotic Table Tennis Platform

Eugenio J. Caraballo Justiniano

(September, 2023)

Hydrogel Design Optimization for Measuring Ultrasound Using Laser Doppler Vibrometry

Christopher Pratt Carter

Directional Recrystallization of an Additively Manufactured Oxide Dispersion-Strengthened Nickel-Base Superalloy

Nicolas Sebastian Castro

Development of a Biohybrid Tendon Interface for Muscle-Powered Robots

Rubén Castro Ornelas

Everyday Finger: A Robotic Finger that Meets the Needs of Everyday Interactive Manipulation

Carlos Eduardo Celeste Junior

Co-Design of Resource Limited Genetic Networks Tuning System Parameters to Satisfy Specifications

Priya Sara-Elanjikal Chacko

(See also M.B.A., Course XV)

Accelerating the Integration of Low-Volume, High-Mix Production Organizations

Hao Chen

Applications of Light Reflectance Sensing in the Gastrointestinal Tract with Ingestible Devices for Disease Diagnosis

Huaibo Chen

(February, 2024)

Bayesian Inference and Experimental Design of Combustion Kinetic Models

Daniel Ilan Copeland

Frequency Modulated Continuous Wave Radar Based Fall Risk Monitoring System

Juan Fernando Correa Nunez

(See also M.B.A., Course XV)

A Data Driven Approach to Uncovering Energy Consumption Reduction Opportunities Within Industrial Operations

Samuel Aaron Cotey

(See also S.M.(N.A.M.E.), Course II)

Al-Ni Nanofilm Powered Miniature Linear Actuator for Medical Devices

Sarah May Cotey

(See also S.M.(N.A.M.E.), Course II)

Hydrodynamic Analysis of Arrays of General Bodies

Carmen Mary Sleight Crawford

(See also S.M., Course XXII)

Conceptual Design of a Nuclear Microreactor Transportation Cask

Alec Ryan Creta

(See also M.B.A., Course XV)

A Strategic Framework for Evaluating Next-Generation Technologies in Biocatalysis

Isabelle Audra Cunitz

(September, 2023)

Galvanic Displacement Across Single-Layer Graphene

Emily Alice Curran

(See also S.M.(N.A.M.E.), Course II)

Manufacturability Assessment of the Navy Integrated Power and Energy Corridor (NiPEC)

Jonathan Jerald Daus

(See also Naval E., Course II)

Magnetohydrodynamic Induction Pump Jet Propulsor for Undersea Vehicles

Gregory Alexander Davis

(See also M.B.A., Course XV)

Semi-Automatic Nesting and Lean Problem Solving in a High-Mix Low-Volume Production Environment

Anita Dey Barsukova

Development of a High-Throughput Cryoprotection Screening Platform for Cell Therapies

Branden Thaddeus Francis

(See also M.B.A., Course XV)

Minimizing Total Delivered Cost of Stamped Assemblies Through Sourcing Optimization

Levi S. Gershon

Hybrid Induction Drive for a Magnetically Levitated Control Moment Gyroscope

Abraham Gebreab Gerzeghier

(See also M.B.A., Course XV)

An Environmental Impact Assessment of 3D Printed Medical Devices

Collin John Goldbach

(September, 2023)

Design of a Market Ready Tractor for Small Farms in Resource Constrained Markets

Evan Guang Haas

(See also M.B.A., Course XV)
Optimization of Thermoplastic
Composite Manufacturing with Digital
Process Intelligence

Jessica Han

Proximity Sensors for a High-Bandwidth,
Low-Latency Robotic Manipulation
Object Avoidance Controller

Luke Wesley Hardy

Plastic Deformation in Kinematic
Couplings: Enhancing Repeatability and
Robustness in Precision Engineering

Heidi Jill Hatteberg

(See also M.B.A., Course XV)
Product SKU Analysis, Rationalization,
and Optimization

Samuel Marcus Heath

(September, 2023)
Treating Brackish Groundwater for
Irrigation with Selective Electrodialysis &
Nanofiltration

Vanessa Hernandez-Cruz

Bayesian Relevance for Enhanced Human
Robot Collaboration

Haley O'Hara Higginbotham

Design Exploration for Biological Fluid
Sampling Platform

Nicholas Jay Holmes

(See also M.B.A., Course XV)
Scheduling in a High-Mix Low-Volume
Job Shop

Zhong Qian Huang

(September, 2023)
Assessing Bovine Methane Emissions:
Respiratory Simulation and Optical Gas
Imaging Methods

Malek Mortada Ibrahim

Molecular Self-Assembly of Carbon
Nanosheets via AFM Nanoprinting

Urvaksh Danesh Irani

(September, 2023)
Design of a Mass-Manufacturable
Globally Distributable Passive Prosthetic
Foot

Ahmad Mujtaba Jebran

BIOENTERO: Bioinspired Soft
Enteroscopic Robot for Facilitating
Locomotion, Steering and Intervention in
the Deep Small Intestine

Ian Alexander Kleinemolen

(See also M.B.A., Course XV)
Inventory Optimization and Simulation
Analysis for Supply Chain Disruption
Events

Young Ko

(September, 2023)
Modeling and Optimization of Tunable
Insulated Hybrid Cooling to Extend Food
Shelf-life Using Scalable and Affordable
Materials

Aadi Manish Kothari

(September, 2023)
Real-Time Motion Prediction for Efficient
Human-Robot Collaboration

Giho Lee

Geometrically Programmed Nano-
Resistors for Ultra-Robust Artificial
Neural Network Accelerator

Jessica Ellen Lee

(See also M.B.A., Course XV)
Leveraging Digital Tools and Analytics
for Temperature Management in Cold
Chain Systems for Gene Therapies

Lani Dakyoung Lee

Aging Changes Cell Mechanics
and Dynamics with a Backbone of
Cyttoplasmic Crowding

Regina Elizabeth Lee

(September, 2023)
A LIGO Double Pendulum Suspension
Prototype for Reducing Unwanted Cross-
Couplings

Benjamin Daniel Lerman

(See also M.B.A., Course XV)
Techno-Economic Analysis of Line Haul
and Switcher Locomotive Propulsion by
Diesel, Battery, and Hydrogen Fuel Cell
Technologies

Yizhou Liu

Stability and Dynamics of Resource
Consumer Ecosystems

Evan Caldwell Long

(See also M.B.A., Course XV)
Secrets of the Aluminati: Bottleneck
Assessment within an Aluminum Rolling
Mill

Yuxiang Ma

(September, 2023)
Design and Integration of an
Underactuated Robotic Finger with
Vision-Based Tactile Sensing

Daniel Frank Massimino

Additive Manufacturing of Interlocking
Glass Masonry Units

Nicholas Anthony May-Varas

Local and Global Numerical Analysis of a
Porous Screen in Free-Stream Flow

Brandon Patrick Meehan

(See also M.B.A., Course XV)
US Green Hydrogen Production: Strategic
Approaches to Enhancing Economic
Viability and Market Development

Aditya Mehrotra

A Picture Book for the Robotician-Why
We Should Start with Hardware, and
How to Teach so it Sticks

Wade Timothy Meyers

(See also S.M.(N.A.M.E.), Course II)
Design and Analysis of a Modular Navy
Integrated Power and Energy Corridor
Cooling System

Peter Gunther Morice

(September, 2023)
Proton Exchange Membrane Electrolysis
Applied to the Dehydration of Cow Milk

Trevor Murphy

Capacitor Ladder Circuitry for Improving
Electrical Energy Transfer Efficiency to
Electromechanical Actuators

Eva Nates

Using Markerless Motion Capture and
Principal Component Analysis to Classify
BMX Freestyle Tricks

Sean Michael Parks

Novel Fluidic-Based Cell Capture and
Adhesion Measurement Approach

Julia Petersen
(February, 2024)
Machine Learning and Data-Driven
Analysis of Thermal Runaway
Characteristics in Lithium-Ion Batteries

Max William Pierce
(September, 2023)
Triad Interactions among Surface Waves
Propagating through an Ice Sheet

André Milo Pincot
Hemorheological Considerations in
the Development of Microfluidic Blood
Oxygenation Devices

Mahmoud M. Ramadan
(September, 2023)
(See also S.M., Technology and Policy
Program)
Methodology for Pyrolysis-Induced
Thermal Runaway Analysis in Li-ion
Batteries

Robyn Corina Richmond
Participatory Methods in Technical
Design: Household Biomass Stoves

Brandon Sebastian Rios
Quantifying Donor-Dependent
Morphological and Functional
Differences in Healthy and Diseased
Primary Human Muscle Cultures

Jessica Madison Rosendorf
Non-Invasive Measurement and
Characterization of Muscle Dynamics in
Vivo during Running

Styliani Rossikopoulou Pappa
(September, 2023)
Play Taxonomies: A Toy Index for
Product Design

Christopher John Sarao, Jr.
(See also Naval E., Course II)
Design and Modeling of Pneumatic
Mechanism for Improved Indirect Liquid
Cooling of Shipboard Power Electronics

Booker B. Schelhaas
Evolving User Needs Identification
Through AI Augmented Approaches

Charles Byron Seaberg
(September, 2023)
Reticle Stage Actuation Concepts for
High Acceleration Trajectories in Next-
Generation Photolithography Tools

Fang Sheng
High-Throughput Bandgap Mapping for
Perovskite-Inspired Materials

Dhyllan Adan Skiba
(February, 2024)
Elucidation of Battery Electrolyte
Coordination Thermodynamics via
Calorimetric and Potentiometric
Titrations

Katherine Charlotte Spaeth
(See also Naval E., Course II)
Addressing Challenges of Volume
Controlled Cavity Expansion (VCCE) for
In-Vivo Tissue Testing

Luke Robert Sullivan
Analysis of the Impact of Automaker
Strategies on Lithium Price Elasticity
Using a Novel Bottom-Up Demand
Model

Anantha Narayanan Suresh Babu
(September, 2023)
Stochastic Sea Ice Modeling with the
Dynamically Orthogonal Equations

Mark David Sweet, Jr.
(See also M.B.A., Course XV)
Breaking the Mold: Using Automated
Design to Accelerate Composites
Manufacturing

Gwendolyn Tsai
Thermal Interaction of Inert Additives in
Energetic Materials

Prajwal Tumkur Mahesh
Method for Photopolymerized 3D
Printing of Recyclable Thermoplastic
Polymers

Samuel L. Ubellacker
(September, 2023)
Aggressive Aerial Grasping Using a Soft
Drone with Onboard Perception

Ana C. Vendemiatti Haddad
(See also M.B.A., Course XV)
Optimizing Integrated Continuous
Biomanufacturing Throughput: Resource
Constraints and Process Scheduling

Daniel Wang
(February, 2024)
Revealing SEI Formation and Evolution
at the Li Anode/Liquid Electrolyte
Interface in Li-ion Batteries by in situ
Fourier Transform Infrared Spectroscopy

Jason Bradley Webb
(See also Naval E., Course II)
Using Multiple Objective Optimization
for Autonomous Sailing Vessels

Jakob Max Wegmueller
Analysis of Multi-Salt Transport and Salt
Leakage Pathways in Bipolar Membrane
Electrodialysis for Brine Valorization

Duo Xu
(September, 2023)
Polyethylene-Based Multifunctional
Composite Material for Radiation
Shielding, Passive Thermoregulation, and
In-Situ Fabrication for Space Exploration

Qifan Yu
Fabrication-Integrated Design of Soft
Elastomeric Systems with Embodied
Intelligence

Chuwei Zhang
Synthesis of Doped and Gradient
Structure NCM811 by Flame-Assisted
Spray Pyrolysis

William Raymond Zunker
(September, 2023)
A Mechanically-Derived Contact Model
for Adhesive Elastic-Perfectly Plastic
Particles

Master of Science in Naval Architecture and Marine Engineering

Course II
*Department of Mechanical
Engineering*

Avri Alus
(February, 2024)
(See also S.M.(Ocean Eng.), Course II)
A Feasibility Study of a Tension-Leg
Platform for Hydro-Powered Turbines
System and Metocean Data Analysis for
Floating Wind Turbine Design

Samuel Aaron Cotey
(See also S.M., Course II)
Al-Ni Nanofilm Powered Miniature
Linear Actuator for Medical Devices

Sarah May Cotey
(See also S.M., Course II)
Hydrodynamic Analysis of Arrays of
General Bodies

Emily Alice Curran
(See also S.M., Course II)
Manufacturability Assessment of the
Navy Integrated Power and Energy
Corridor (NiPEC)

Wade Timothy Meyers
(See also S.M., Course II)
Design, Analysis and Modeling of a
Modular Navy Integrated Power and
Energy Corridor Cooling System

Jacob Daniel Skimmons
Applications of Non-Intrusive Load
Monitoring Afloat

**Master of Science in Ocean
Engineering**
Course II
*Department of Mechanical
Engineering*

Avri Alus
(February, 2024)
(See also S.M.(N.A.M.E.), Course II)
A Feasibility Study of a Tension-Leg
Platform for Hydro-Powered Turbines
System and Metocean Data Analysis for
Floating Wind Turbine Design

Annemarie Dapoz
Design, Development, and Testing of
an Unmanned Surface Vessel (USV) for
Oyster Aquaculture

Suparnamaaya Prasad
Investigating Optical Microplastic
Detection Methods Using Fluorescent
Staining through Nile Red

**Master of Science in Materials
Science and Engineering**
Course III
*Department of Materials Science
and Engineering*

Zachary Kenneth Adams
Recycling of Rare Earth Magnets with
Sulfur Based Chemistries and High
Temperature Processing

Khoi Phuong Dao
(February, 2024)
Modeling Compact Non-Volatile
Photonic Switching Based on Optical
Phase Change Material and Graphene
Heater

Mrigi Munjal
(See also S.M., Technology and Policy
Program)
Strengthening Value Chains for
Developing and Deploying Batteries in
the Global South

Kimaya Prasad Suryarao
Iron Production by Molten Sulfide
Electrolysis

Alexa Shingming Zammit
(February, 2024)
T2 Characterization of Oil-In-Water
Emulsions for NMR Sensor Applications

**Master of Engineering in
Electrical Engineering and
Computer Science**
Course VI-P
*Department of Electrical
Engineering and Computer
Science in conjunction with the
Schwarzman College of Computing*

Pedro Leonardo Acosta De León
Developing an Adaptive Sampling
Planner as a Domain-Independent Tool

Ayesha Ali
Scaling Privacy Preserving Payments

Yaseen S. Alkhafaji
(February, 2024)
Fast Partitioning for Distributed Graph
Learning Using Multi-Level Label
Propagation

Henry Nils Andersen
(February, 2024)
Modeling, Manufacturing, and
Experimental Validation of an Electric
Machine for Aircraft Propulsion

Anna A. Arpaci-Dusseau
Accurate and Fast Approximate Graph
Mining at Scale

Ashay Athalye
(September, 2023)
Learning Neuro-Symbolic Skills for
Bilevel Planning

Claire X. Bao
(See also S.B., Course VI-3)
Mitigating Undercutting Attacks: A Study
on Mining and Transaction Fee Behavior

Christian A. Belser
(September, 2023)
Comparison of Natural Language
Processing Models for Depression
Detection in Chatbot Dialogues

Antonio Berrones
(February, 2024)
Detecting Multimodal Behaviors for
Neurodegenerative Disease

George C. Bian
Soccer Last Touch and Automatic Event
Detection with Skeletal Tracking Data

Nicholas R. Bonaker
(September, 2023)
A Usability Study of Nomon: A Flexible
Interface for Single-Switch Users

Krit Boonsiriseth
Performance Engineering of Modular
Symbols

Sam T. Boshar
Genomic Language Models Are All You
Need: Exploring Genomic Language
Model Protein and RNA Sequence Tasks

Jeremiah H. Budiman
(February, 2024)
Machine-Learning Based Ship Traffic
Prediction in the Suez Canal

Cathy Cai
Machine Learning Methods for Learning
Gene Dependencies

Miranda J. Cai
ScaleGPS: Scalable Graph Parallel
Sampling via Data-Centric Performance
Engineering

Enrique Casillas

Video Games for Empathy and Understanding Towards Human Migration

Harshal Chamdal

Comparing Parameter Efficient Finetuning Techniques (PEFT) Using Datamodels

Eileen Xin Yu Chau

Improving Causal Inference and Attribute Prediction Through Visual Information

Anika Cheerla

Planning in Uncertain, Dynamic Environments

Alice Chen

(See also S.B., Course VI-3)
Policy-Based Access Control in Federated Clinical Question Answering

Kevin Sun Chen

ICoOS: oOS for Intercloud Environments

Tiffany Tianyu Chen

(September, 2023)
IlluSonnet: Using Generative AI to Create Illustrations for Sonnets

Wei-Tung Chen

(September, 2023)
RL-SAR: A Robotic System for Fine-Grained RFID Localization using RL-Based Synthetic Aperture Radar

Phillip I. Cherner

(February, 2024)
EMC: A Virtual Reality Platform for Bridging the Climate Science Communication Gap

Shelley Jeeyoo Choi

Modeling Personalized Changes in Wellbeing Scores with Sleep Components from Wearable Devices

Keenly Simon Chuang

(September, 2023)
Visualization of Probabilistic Programs for Physical Scene Understanding

Sarah M. Coston

Modulated Frequency Multiplier Inverter

Jesse Everett Cummings

(See also S.B., Course VI-4)
Characterizing Image Recognition Difficulty in Artificial and Biological Visual Processing

Bilal H. Daqqah

Design and Implementation of an Automated Document Parsing System for Order Processing

Hope Dargan

(September, 2023)
CS2 Student Programming Performance Prediction and Intervention

Ray Hiralal Dedhia

(February, 2024)
Preventing CSV Injection Attacks with a Browser Extension

Yonatan Delelegn

(February, 2024)
Implementing Robust and Efficient Pseudo-Transient Methods for Solving Neural Complementarity Problems in Julia

Kaustubh Dighe

Fast Multistage Compilation of Machine Learning Computation Graphs

Jessica H. Ding

Learning Approximate Pareto Frontiers using Deep Multi-task Transfer Learning

Samir Droubi

ExoBLAS: Meta-Programming a High-Performance BLAS via Scheduling Automations

John M. Eastman

Dynamic 3D Reconstruction: Learning Neural Constitutive Laws with Gaussian Splatting

Vincent K. Fan

(See also S.B., Course XVIII)
Using Language Models to Understand Molecular Structures

David Shen Fang

Unsupervised Learning for Generative Scene Editing and Motion

Andrew B. Feldman

(February, 2024)
Microarchitecture Categorization and Pre-RTL Analytical Modeling for Sparse Tensor Accelerators

Matthew R. Feng

Crystal Structure Prediction of Organic Materials with Diffusion-Based Models

Siwakorn Fuangkawinsombut

Beyond Memorization: Exploring the Dynamics of Grokking in Sparse Neural Networks

Rujul Gandhi

(September, 2023)
Identification of Atomic Propositions in English Instructions for Flexible Translation to Robot Planning Representations

Trinity Gao

(February, 2024)
From Logs to Causal Analysis: A Guided User Interface for Causal Graph Discovery

Nina R. Gerszberg

Quantifying Gender Bias in Large Language Models: When ChatGPT Becomes a Hiring Manager

Michael Gilbert

(September, 2023)
LoopTree: Enabling Systematic and Flexible Exploration of Fused-Layer Dataflow Accelerators

Fiona J. Gillespie

Aquaculture Basket Detection and Tracking for Autonomous Surface Vehicles

Marlena C. Gomez

(September, 2023)
Analysis Driven Shape Design of Parametric Geometry Using B-Splines and Free-Form Deformation

Rolando A. Gonzalez

(September, 2023)
Inductive-Based DC-DC Bi-Directional Converter for Battery Cell Charge Cycling

Ishaan Govindarajan

Design and Characterization of an Open-Source, High-Efficiency, Easily-Reconfigurable Switch-Mode Current Driver for Magnetic Resonance Imaging Applications

Ashley M. Granquist

(See also S.B., Course VI-3)
AI-Augmented Interface for Incremental App Development in MIT App Inventor

Colin T. Greybosh

(February, 2024)
Bringing Computational Modeling into the Classroom with Custom Block-Based Programming Languages in StarLogo Nova

Alicia X. Guo

(February, 2024)
Exploring the Impact of AI Value Alignment in Collaborative Ideation: Effects on Perception, Ownership, and Output

Diptasri Gupta

Acquiring Expertise and Societal Productivity in a World of Artificial Intelligence

Sejal Gupta

Augmenting Inputs using a Novel Figure-to-Text Pipeline to Assist Visual Language Models in Answering Scientific Domain Queries

Nicholas F. Gustafson

Standardization of Electronic Component Datasheets to Improve Systematic Data Extraction

Adib Hasan

Towards Safe and Versatile Transformer Models: Enhancing Safety, Efficiency, and Domain-Specific Performance

Michael Lowell Hensgen

Coherency Loss for Hierarchical Time Series Forecasting

Jay R. Hilton

Enabling the Rust Compiler to Reason about Fork/Join Parallelism via Tapir

Kelly P. Ho

(September, 2023)
Balancing Memory Efficiency and Accuracy in Spectral-Based Graph Transformers

Amelia Y. Hu

(See also S.B., Course VI-3)
New Parallel Algorithms for Planarity Testing

Allen Huang

(September, 2023)
Developing a Modular Visual Data Manipulation Framework for Data Exploration in the Consumer Packaged Goods Industry

Brian R. Huang

(September, 2023)
Adversarial Learned Soups: Neural Network Averaging for Joint Clean and Robust Performance

Grace Feiyan Huang

(See also S.B., Course VI-3)
Twofish: Automatic Edit Cascading for Diagrams

Irene Yu-Lin Huang

(See also S.B., Course VI-3)
Rethinking the Evaluation of Compositional Reasoning for Modern VLMs

Samuel Ingersoll

(September, 2023)
Analysis of Error in a Model Predictive Irrigation Controller

Billal Iqbal

Volterra System Analysis for an Electrochemical Sensor

Adam P. Janicki

Utility Libraries for Traversing and Manipulating Tree-like Data Structures with Varying Schemas

Raiphy Jerez

Novel Topologies for Capacitively Isolated Hybrid Switched Capacitor Converters

Emily Jiang

(See also S.B., Course VI-3)
Implementing a Retrieval-Augmented Clinical Question-Answering System over Federated EHR Data

Gabriel Jimenez

(See also S.B., Course VI-3)
Coordination Service for Cloud Native Architectures

Zachary D. Johnson

Generation, Detection, and Evaluation of Role-Play Based Jailbreak Attacks in Large Language Models

Prabhakar Kafle

Characterizing and Optimizing Networking Database Communication

Gabriel A. Kammer

(February, 2024)
Regular Expression-Based Hardware Specification For Verified Model Checking

Benjamin G. Kang

(See also S.B., Course XVIII)
On the Optimality of Several Algorithms on Polynomial Regression of Empirical Bayes Poisson Model

Sathwik V. Karnik

(September, 2023)
Towards Stable Reinforcement Learning in Non-Episodic Tasks

Shreya S. Karpoor

Haptic Feedback and Tactile Sensing for Robotic Teleoperation of Fine Manipulation Behaviors

Moulinrouge F. Kaspar

Human-Centered Performance Metrics for Machine Learning Models: A Comprehensive Test Suite Development

Seok Hyeon Kim

(February, 2024)
Comparisons in End-to-End Pipeline Designs for Customized Document Information Extraction

Nadia Noriko Koshima

(September, 2023)
Performing Distance Queries on Social Networks in Sublinear Time

Timothy H. Kostolansky

Inverse Constitutional AI

Nitin Anand Kumar
(See also S.B., Course VI-3)
Implementing Polynomial-Time Algorithms for Learning Linear Dynamical Systems

Michael K. Kuoch
(February, 2024)
Probing Post-Transplant Blood System Dynamics with Computational Analysis and Lineage-Tracing

Nurullah Giray Kuru
Smarter Agents for Agent-Based Models

Ethan A. LaBelle
Monte Carlo Tree Search Applications to Neural Theorem Proving

Vedang Lad
Quantitative Safety for Artificial Intelligence

Kelly Thien Lam
Code Summarization and Program Synthesis with Large Language Models

Raul Alexander Largaespada
(September, 2023)
An Application of Graph of Convex Sets Trajectory Optimization to the Marine Robotics Domain

Samuel S. Lee
A Hybrid Approach for Key-Value Extraction from Technical Specification Documents

Matthew D. Leonard
Learning an Embedding for Vehicle Telematics Data

Alexandra S. Li
(February, 2024)
Learning Carrier Choice Models for Load Pricing in Digital Freight Platforms

Jeffery G. Li
On Algorithmic Progress in Data Structures and Approximation Algorithms

Jerry Y. Li
(See also S.B., Course VI-3)
Improving LLM Long Context Understanding via Synthetic Data and Adaptive Compression

Shengtong Li
Elucidating Targetable Genetic Vulnerabilities in Relapsed/Refractory Diffuse Large B-cell Lymphoma

Isaac C. Liao
Automated Tools for Mechanistic Interpretation of Neural Networks

Joseph David Licht
NBA Sleep Tracking Data Imputation

Darren T. Lim
Achieving Secure and Performant Databases with Minimal Resource Overhead

Ian J. Limarta
(September, 2023)
Serialization and Applications for the Gen Probabilistic Programming Language

Cynthia Lin
(February, 2024)
DalSengo: User-Centric Preference Elicitation Strategies for Mitigating Cold Start in Music Recommender Systems

Dylan K. Liu
EVA: Automatic Music Generation from Emotion Inputs

Jason J. Liu
(See also S.B., Course XVIII)
Further Hardness Results for Stephen's Sausage Roll

Monica Q. Liu
Fully Differential Programmable Gain Chiplet for Integrated Data Acquisition Systems

Sabeen Imtiyaz Lohawala
Recognizing Brain Regions in 2D Images from Brain Tissue

Mario Antonio Lopez
(September, 2023)
Modeling, Analysis, and Design of Switched-Capacitor Battery Cell Balancers

Nicole Lu
(February, 2024)
Know Thy Cell-Free DNA: Early Detection of Microsatellite Instability Using Ultra-Low-Pass Cell-Free DNA Sequences

Victor Luo
Max 2SAT-3, Net, Euclidean: Techniques and Results in Computational Inapproximability

Chun Ming J Ma
(September, 2023)
Achieving Robustness and Generalization in MARL for Sequential Social Dilemmas through Bilinear Value Networks

Lingyi Ma
Investigation on ImageNet Remaining Errors with TRAK

Quinn P. Magendanz
(February, 2024)
Future of Data: Exchange and Traceability of Financial Data

Tim Y. Magoun
(February, 2024)
Open Set Object-Based Data Analysis

David S. Magrefty
Advancing SCRAM: Privacy-Centric Approaches in Cyber Risk Measurement

Natasha M. Maniar
MemPal: Wearable Cognitive Assistant for Dementia Patients

Niklas Mannhardt
(September, 2023)
Improving Patient Access and Comprehension of Clinical Notes: Leveraging Large Language Models to Enhance Readability and Understanding

Julian J. Manyika
Steerable Alignment with Conditional Multiobjective Preference Optimization

Jerry W. Mao
(February, 2024)
A Framework for LLM-based Lifelong Learning in Robot Manipulation

Hendrik T. Mayer
Irreversible Actions in Assistance Games with a Dynamic Goal

Matthew McManus
Inertial Navigation System Drift Reduction Using Scientific Machine Learning

Catherine Mei
Benthic: Designing Relational Traversal Structures to Enhance Diagram Accessibility

Julie L. Meng
MashupMuse: A Web Application for Easier Music Mashup Creation

Kevin Meng
(See also S.B., Course VI-2)
Interpreting and Editing Memory in Language Models

Gabriel L. Mintzer
Algorithmic Design and Optimization for Problems in Continuous-Variable Quantum Computation

William B. Mitchell
(September, 2023)
Developing Pattern and Anomaly Detection Methods in Influence Campaigns

Neelambar Mondal
Design and Analysis of a Transformer-Based Solid-State Relay

Catalina Monsalve Rodriguez
Determining Optimal CMYK Halftone Angles for Low Quality Printing

Enrique B. Montas
ECO-LENS Addressing Urban Biodiversity with Machine Learning

Joseph P. Morales
Investigating Methods for Utilizing Multimodal Embeddings in Scene Graph Generation and Task Planning

Natalie Muradyan
PCBleed: Fuzzing for CPU Bugs Through Use of Performance Counters

Veronica W. Muriga
(September, 2023)
Towards Reinforcement-Learning-Based Robot Navigation with 3D Scene Graphs

Ahmad H. Negm
(September, 2023)
Scalability of Hierarchical Current Shuttling Balancers

Thanh P. Q. Nguyen
(February, 2024)
NLP City

Marco L. Nocito
(February, 2024)
URDF Studio: Tools for the Visualization and Verification of Universal Robot Description Format Files

Alexandra C. Nwigwe
Reed-Relay Switched Tuning Circuit for Stretchable RF Coils in Low Field, Portable MRI

Nten P. Nyiam
Developing Tools to Annotate Motifs in Polypeptides

Anthony C. Ou
(February, 2024)
Large Language Model Routing with Benchmark Datasets

Daniel Papacica
A Recommendation System for Ideation: Enhancing Supermind Ideator

Meenal Parakh
(September, 2023)
Building a Language Conditioned System for 6-DoF Tabletop Manipulation

Radha R. Patel
(See also S.B., Course VI-3)
A System to Exploit Symmetry in Common Tensor Kernels

Ritik Patnaik
Analog Underwater Backscatter: Networked Underwater Sensing at Microwatt Power Levels

Isabella Pedraza Pineros
SAGE: Segmenting and Grouping Data Effectively using Large Language Models

Sergio Angel Perez
(February, 2024)
Event-Driven Distributed Task Orchestration System with Applications to Automated PCB Design

Miloslaw Piszczek
(February, 2024)
Enhancing Cloud Database Performance: General-Purpose Compression and Workload-Driven Layout

McKinley Matthew Polen
Long-Range Genomics Benchmark Technology and More

Helen O. Propson
(See also S.B., Course VI-3)
Post-Quantum Verifiable Random Function

Subha Nawer Pushpita
Expectation-Based Comprehension of Linguistic Input: Facilitation From Visual Context

Bryan Pyo
A Multi-Stage Multi-Model Machine Learning Pipeline for Extracting Structured Key-Value Pairs from Documents

Alex Hong Quach
Simulation to Real Flight Navigation Transfer with Liquid Neural Networks

Isabelle A. Quaye
(February, 2024)
Learning to Update: Using Reinforcement Learning to Discover Policies for List Update

Laura Isabella Queipo Morales
(September, 2023)
Generative Models for Domain-Specific Summarization

Ellery M. Rajagopal
(February, 2024)
Neural Operator Models as Applied to Fluid Flow Systems and Real Ocean Dynamics

Hugo E. Ramirez, Jr.
(February, 2024)
Hyperbolic Graph Convolutional Networks: A Novel Approach to Discover Aging Trajectories from Multimodal Brain Networks

Sanjna Ravichandar
Inductive Biases in Learning Hierarchical Abstractions for Bipedal Locomotion

James R. Richardson
Tracking Rapidly Diffusing Particles

Sabrina Romero Arrazcaeta
(September, 2023)
Design and Implementation of a Distributed Executive

Karissa Aitana Sanchez

Gradability in Count Nouns:
Categorizing and Counting Part and
Whole Objects in Children and Adults

Lark B. Savoldy

(February, 2024)
GALiCA: A Gestural Approach to Live
Coding Algorithms

Catherine Johnson Schofield

(February, 2024)
Exploring Memory in Reinforcement-
Learned Agents for Smarter Lateral
Movement

Kevin Z. Shao

(September, 2023)
Efficient Multi-Sensor Fusion for 3D
Perception

Ishana A. Shastri

Automating Accountability Mechanisms
in the Judiciary System using LLMs

Khaled K. Shehada

(September, 2023)
Scene Perception for Simulated Intuitive
Physics via Bayesian Inverse Graphics

Sage Simhon

(February, 2024)
A New Framework for Refraction-Based
Image Verification

Anjali Sinha

Evaluation of Optimized Architected Reef
Design in Random Oscillatory Motion for
Maximized Wave Energy Dissipation and
Coastal Preservation

Varnika Sinha

Enforcing Identification and
Authentication Policies at Scale in a
Cloud Microservices Architecture

Joshua C. Sohn

Implementing Control-Oriented Meta-
Learning in Hardware

Richard P. Sollee III

An Intermediate Representation
for Expressing and Optimizing
Computations in Lattice Quantum
Chromodynamics

Emily Rosmery Sologuren

Reinforcement Learning and Control
for Robotic Sea Turtle with Compliant
Flippers

Grace Young-Eun Song

Modeling Control Signals for
Reconstruction-Based Time Series
Anomaly Detection

Andrei George Spiride

Representation Learning for
Extrapolation via Bilinear Transduction

Shashvat Srivastava

(September, 2023)
Architecting Trust: Building Secure and
High-Performance Confidential VMs

Nicole C. Stiles

Efficient Segment Anything on the Edge

Alexandre Sarkis Studer

Extensible Real-Time Sensor and Test
Interface for a System-on-Chip

Megan Su

(February, 2024)
Personalized Treatment Response
Prediction under Dynamic and Time-
Varying Treatment Strategies

Vighnesh Subramaniam

Connecting Deep Learning Models to
Neural Systems in the Brain

Melinda M. Sun

(September, 2023)
Long Sequence Transformer Variants on
Varying Context Length

Jade C. Sund

Capacitive Wireless Power Transfer for
Biomedical Devices

Zipei Tan

(See also S.B., Course VI-3)

Julius L. Tao

Motion-Compensated Viewpoint Shift

Cem Arda Tepe

Class Collapse in Contrastive Learning
with Gradient Descent

Irene E. Terpstra

Empowering Analog Integrated Circuit
Design through Large Language Models
and Reinforcement Learning

Ritaank Tiwari

(September, 2023)
A Pipeline for Synthesizing Action-
Conditioned Human Motion from Raw
Motion Capture Data

Kevin C. Tong

Developing an eCommerce Pricing
Model Using Rank Centrality

Sabina Tontici

(February, 2024)
Progress in Parallel Algorithms

Leilani A. Trautman

(February, 2024)
Increasing Mars 2020 Mission Efficiency
via SAPP Operations Automation and
AEGIS V&V

Boris Velašević

Effects of Data Heterogeneity on
Distributed Linear System Solvers

David von Wrangel

Guiding Nonconvex Trajectory
Optimization with Hierarchical Graphs
of Convex Sets

Diana Nguyen Voronin

Automatic Generation of Concept
Synchronization Code in Web
Applications

Annie Wang

(See also S.B., Course VI-3)
LLM-Based Compressive Enumeration
for Solving Algorithm Problems

Archer David Wang

Programmable Liquid-Crystal-on-
Silicon Photonic Integrated Circuits with
Millions of Degrees of Freedom

Jett Z. Wang

(February, 2024)
Learning to Play Pokemon with
Reinforcement Learning

Jialan Wang

(September, 2023)
The Effects of Pre-Training and Fine-
Tuning CLIP with Domain-Specific Data

Wei-En Warren Wang

(February, 2024)
Why Did the Prediction Change?
Explaining Changes in Predictions as
Time Progresses

Shannon P. Wing

(February, 2024)
Towards a Neuro-Symbolic Approach to
Moral Judgment

Daniel F. Wisdom

(February, 2024)
Load Balancing and Memory
Optimizations for Expert Parallel
Training of Large Language Models

Adrianna Dominika Wojtyna

Energy-Efficient Real-Time Hardware
Acceleration for Gaussian Fitting

Arun Wongprommoon

Self-Supervised Audio-Visual Speech
Diarization and Recognition

Farrell Eldrian S. Wu

(September, 2023)
Information-Theoretic Algorithms for
Model-Free Reinforcement Learning

Raymond A. Wynne

(September, 2023)
Anomaly Detection in Collider Physics
via Factorized Observables

Angelina Xu

(See also S.B., Course VI-2)
Classification of Biopharmaceutical
Companies

Guanpeng A. Xu

(February, 2024)
SigPro: Signal Feature Generation for
Subject Matter Experts

Jessica Y. Xu

Towards Cycle-Level Verification of
Constant-Time Cryptography

Muhua Xu

(See also S.B., Course VI-3)
Prompting With Membership Regimens
for Enhanced Subgraph Classification

Binwei Yan

(See also S.B., Course VI-3)
Using Heterogeneous Graphical Neural
Network(HGNN) to Predict Cell-Cell
Communication

Anqi Yang

Quantifying Grit in MLB Hitters

Helen Yang

(See also S.B., Course VI-3)
Large-Scale Trends in Vision Systems:
Novel Methods for Identifiability

Derek Jia-Wen Yen

(February, 2024)
Private Random Variate Sampling for
Secure and Federated Polygenic Risk
Scores

Julian R. Yocum

Mitigating Generative Agent Social
Dilemmas

Izabella L. Zamora

Understanding Tumor Cell Plasticity
in Spatial Transcriptomics with Graph
Attention Networks and Walk-Based
Pseudotime Analysis

Jenny L. Zhang

(February, 2024)
Learning Emergent Gaits with
Decentralized Phase Oscillators: on the
Role of Observations, Rewards, and
Feedback

Michael S. Zhang

(February, 2024)
Accelerating Flow-Based Sampling for
Large-N Gauge Theories

Ruowang Zhang

(February, 2024)
ZeroWD: Supporting Zero-Waste
Garment Design with Linked Edits

Katherine Zhao

(See also S.B., Course VI-3)
Verifying Hardware Security Modules
with True Random Number Generators

Tong Zhao

(September, 2023)
Efficiently Learning Robust, Adaptive
Controllers from Robust Tube MPC

Winnie X. Zheng

(September, 2023)
Patches as Agents

Ophelia M. Zhu

Building a Distributed Transaction
Processing System Using DARQ

**Master of Engineering in
Computer Science and
Molecular Biology**

Course VI-7

*Department of Electrical
Engineering and Computer
Science in conjunction with the
Schwarzman College of Computing*

Amulya S. Aluru

Understanding the Genetic Basis of Sex
Differences in Human Height

Ochiba Marie Oghenemudiakev Attah

(See also S.B., Course VI-7)
A Software Toolkit For Phosphorothioate
Epigenetics

Caroline Bao

Inosine-Containing mRNA Induces
an Innate Immune Response and is
Translated with Lower Efficiency

Brady J. Darby

Computer Vision Techniques for Drill
Bit Identification and Mechanical Wear
Detection

Natasha N. Joglekar

Extended Evaluation: Unraveling
Medicaid Patient Trajectories and
Improving Intervention Candidate
Identification

Bridget Li

Integrating Spatial Transcriptomics Data
for Cross-Species Molecular Region
Comparison

Katherine Seungjoo Lim

Benchmarking Graph Transformers
Toward Scalability for Large Graphs

**Victoria Inibiokun Oluwatobiloba
Longe**

(See also S.B., Course VI-7)
Image Registration Efficacy
Benchmarking in a 2-Photon Microscopy

Nithin Parsan

Predicting Patient Responses to the
EPOCH Clinical Trial

Harveer Singh

(September, 2023)
Modeling Recurrent Metastatic Events

Julia Situ

In-Vitro/Ex-Vivo Modeling of Aortic Valve Leaflet Calcification and Coronary Atherosclerosis in Biomechanically Representative Simulators

Emma Pascale Tysinger

Multi-Modal Protein Function Prediction using a Joint Embedding Space from Two Graph Neural Networks

Cassia B. Wang

(February, 2024)
Single Cell Dissection of the Tumor Immune Microenvironment in Metastatic Melanoma

Master of Science in Electrical Engineering and Computer Science**Course VI**

Department of Electrical Engineering and Computer Science in conjunction with the Schwarzman College of Computing

Eden Newman Adler

(See also S.M., Engineering and Management)
Modeling the Affect of "Aha!" Moments to Detect the Moment of Learning

Meshal Abdulrahman S Alharbi

(See also S.M., Comp. Sci. & Eng)
Sample Efficient Reinforcement Learning with Partial Dynamics Knowledge

Madeline Loui Anderson

(September, 2023)
Permutation-Based Significance Tests for Multi-Modal Hierarchical Dirichlet Processes with Application to Audio-Visual Data

Laurentiu Lucian Anton

AC Optimal Power Flow for Physically and Economically Informed Grid Decarbonization

Les Gabriel Armstrong

(See also S.M., Technology and Policy Program)
Modeling the Impact of the Inflation Reduction Act and Hydrogen Storage in Salt Caverns in the Mid-Atlantic United States

Omar Bennouna

Tractable Smart Predict and Optimize in the Misspecified Case

Cole Brabec

(February, 2024)
Fast Phase Retrieval: A Robust and Efficient Multidimensional Phase Estimation Algorithm with Applications in Underactuated Quantum Control

Victor Ion Butoi

Learning to Segment Unseen Tasks In-Context

Honghao Cao

Adaptive Fiber Source for Label-Free Nonlinear Microscopy

Stephen Montes Casper

(February, 2024)
Practical Diagnostic Tools for Deep Neural Networks

Regina Ceballos Mondragon

(See also M.B.A., Course XV)
Improving Supply Chain Resiliency through Solar Panel Delivery Optimization

Heng-Jui Chang

(February, 2024)
Perturbation-Invariant Speech Representations by Online Clustering

Alan Chen

(September, 2023)
Material Design of TMD Superlattices

Boyuan Chen

(September, 2023)
Tame Long-Horizon Model-Based Reinforcement Learning

Jackie Chen

(See also M.B.A., Course XV)
Clustering of Similar Incident Tickets Using Natural Language Processing

Ellie YuShi Cheng

Inference Plans for Hybrid Probabilistic Inference

Itamar S. Chinn

Towards Deep Learning Models of Metabolism

Sahit Chintalapudi

(February, 2024)
Bi-Level Belief Space Search for Assembly Tasks

Joonhyuk Cho

(February, 2024)
Data-Driven Analysis of the Clinical Trials

Eunseo Choi

(February, 2024)
(See also S.M., Technology and Policy Program)
When, Who, How (Not) to Imitate? The Role of Imitation in Collective Intelligence, and Its Implications on the Design of Socio-Technical Systems

Seou Choi

Photonic Probabilistic Machine Learning Using Quantum Vacuum Noise

Shoumik Dutta Chowdhury

Bosonic Quantum Error Correction with a Heavy Fluxonium Control Qubit

Phillip Johannes Kerr Christoffersen

(February, 2024)
Mitigating Social Dilemmas in Multi-Agent Reinforcement Learning with Formal Contracts

Yung-Sung Chuang

(February, 2024)
Information Retrieval with Dense and Sparse Representations

Christian Earl Cmeheil-Warn

(See also S.M., Technology and Policy Program)
Hollywood Workers vs Tech: In Theory and in the News

Thomas Brendan Cohn

Motion Planning along Manifolds with Geodesic Convexity and Analytic Inverse Kinematics

Charles Spencer Comiter

Inference of Single Cell Profiles from Histology Stains with the Single-Cell Omics from Histology Analysis Framework (SCHAF)

Jonathon Hewitt Copley

Random Access Satellite Communication in the Presence of Interference

Sabrina Maria Corsetti
(September, 2023)
Visible-Light Integrated Photonics for
3D-Printing and Trapped-Ion Systems

Ameya Shrikant Daigavane
Improving Generative Models for 3D
Molecular Structures

Aniruddha Suhas Deshpande
(September, 2023)
(See also S.M., Technology and Policy
Program)
Machine Learning for Modeling and
Control of a Packaging Manufacturing
Process

Zoe De Simone
(See also S.M.Arch.S., Course IV)
Developing Frameworks for an Equitable
Future: from Building Decarbonization to
Generative Modeling

Sagar Prashant Doshi
Nonlinear Microscopy for Materials
Analysis and Clinical Pathology

Rickard Brüel Gabriellson
(September, 2023)
Enhancing Self-Supervised Learning
through Transformations in Higher
Activation Space

Leah Paige Gaffney
(See also M.B.A., Course XV)
Extracting Coronary Lesion Information
from Angiogram Reports for Patient
Screening Applications

Kristian G. Georgiev
(September, 2023)
Attributing Model Behavior at Scale

Connor Michael Gerlach
(September, 2023)
Computational Methods for Biomedical
Imaging

Christos Gkiokas
(See also Naval E., Course II)
Innovative Floating Wind Turbine with
Synthetic Mooring System and Feasibility
Analysis of a Solar-Wind-Battery Hybrid
System

Kailin Graham
(February, 2024)
(See also S.M., Technology and Policy
Program)
Doing the Dirty Work: Analyzing
the Distribution of Employment
Vulnerability to the Energy Transition
Through Employment Carbon Footprints

Lan Linh Hà
(See also S.M., Technology and Policy
Program)
Empowering Energy Conservation: Low-
Cost Interventions for Commercial and
Residential Settings

Ian Matthew Hammond
3-D Topology Optimization of Spatially
Averaged Surface-Enhanced Raman
Devices

Caeley Gaw Harihara
(See also M.B.A., Course XV)
Optimization and Rule-Based Models for
Hospital Inventory Management

Isaac Benjamin Winston Harris
(September, 2023)
Hyperfine Interaction of the Group IV
Color Centers

Ashton A. Hattori
(September, 2023)
Integrated-Photonics-Based Devices and
Architectures for Advanced Cooling of
Trapped Ions

Leonardo Hernández Cano
(February, 2024)
Using Source Code to Solve Control
Problems

Man Hou Hong
Secure Discovery of Genetic Relatives
Across Large-Scale and Distributed
Genomic Datasets

Jung-Han Hsia
(September, 2023)
Optically Controlled Vertical GaN finFET
for Power Applications

Steven Francis Hubbard, Jr.
(See also M.B.A., Course XV)
Empowering Delivery Service Partners:
A Study on Leveraging Generative
Artificial Intelligence and Text Clustering
to Support External Partners

Yunchan Hwang
(February, 2024)
High A-Scan Rate Optical Coherence
Tomography Angiography for Blood
Flow Speed Quantification in the Retina

Amanda Kelly Jackson
Large-Signal Characterization of
Piezoelectric Resonators for Power
Conversion

Shantanu Rajesh Jha
Extensible Platforms for Bosonic
Quantum Error Correction

Qixuan Jin
(September, 2023)
Weakly Supervised Representation
Learning for Trauma Injury Pattern
Discovery

Kihyun Kim
Offline Reward Learning from Human
Demonstrations and Feedback: A Linear
Programming Approach

Sunghyun Kim
GraphPipe: Improving the Performance
and Scalability of DNN Training with
Graph Pipeline Parallelism

Ryan Poe Kochert
(See also M.B.A., Course XV)
Process Digitalization: 3D Deep Learning
in Manufacturing Applications

Jovana Kondić
(February, 2024)
Monte Carlo Methods for Motion
Planning and Goal Inference

Linghao Kong
Sparse Expansion and Neuronal
Disentanglement

Miroslav Kosanic
Distributed Control and Information
Exchange for Improved Flight Autonomy
of Hybrid Powertrain Drones

Nishanth Jay Kumar
Learning to Plan and Planning to Learn
in Long-Horizon Robotics Tasks

Yujing Lai
(February, 2024)
Bottom-Up Standardization for Data
Preparation

Maisy Lilian Lam
(February, 2024)
3D Self-Localization of Drones Using a Single Millimeter-Wave Anchor

Samuel Park Laney
LLM-Directed Agent Models in Cyberspace

Ariel Lee
(February, 2024)
Nanofabrication of Flexible Thin-Film Bioelectronics for Stable Neural Signal Recording

Omri Yaacov Lev
On the Capacity of Gaussian Channels Subject to State Obfuscation

Chao Li
Automatic Sleep Assessment from Nocturnal Breathing and Its Applications for Contactless Monitoring

Mingyuan Li
(February, 2024)
(See also M.Eng., Course II-P)
Process Optimization and Cost Analysis of Electrochemical Micromachining for Volume Manufacturing

Jiazheng Liu
Formally Verifying a Programmable Network Switch

Kunzan Liu
Deep and Dynamic Metabolic and Structural Imaging in Living Tissues

Artem Stanislavovich Lukoianov
Unified Framework for Score Distillation and Denoising Diffusion Models

Liang Lyu
(September, 2023)
Dynamic Matching of Users and Creators on Social Media Platforms

Chao-Lun Mai
(See also S.M., Engineering and Management)
Identification of the Steel Decarbonization Options for Different Regions

Alexander Gerard Mariona
(February, 2024)
Comparing Distributions: Invariance Principles & Mismatched Guesswork

Willie B. McClinton III
(February, 2024)
Learning Compositional Abstract Models Incrementally for Efficient Bilevel Task and Motion Planning

Trevor Johnathan McCourt
(September, 2023)
Non-Gaussian Noise in Superconducting Circuit

Jane Avril Millward
Optimal Sounding for Guessing Random Additive Noise Decoding

Omar Nazmi Mohd
Sensitive Multiplexed MicroRNA Spatial Profiling and Data Classification Framework Applied to Murine Breast Tumors

Mikala Nikole Molina
(See also Naval E., Course II)
Methods for Testing COLREGS Compliance in Autonomous Surface Vessels

Sean Hikaru Murphy
NOCAP: Toward Targetable Delivery of Nanoparticles

Teodor Nicola Antoniu
(See also M.B.A., Course XV)
Enhancing Digital Customer Self-Service Efficiency through Recommendation Systems

John Prakash Niroula
(February, 2024)
Study of Soft Gain Compression in Gallium Nitride High Electron Mobility Transistors with Active Loadpull Systems

Aniruddha Nrusimha
Mitigating Outliers in Language Models through Activation Regularization

Javier Adrian Ocampo
(See also S.M., Engineering and Management)
A Human-Computer Interaction Driven Inquiry into New Trust Signals that Adequately Map to the Risk of Interactions on the Web

Donald Odira Okoye
(See also M.B.A., Course XV)
Evaluating New Business Opportunities for Interregional Transmission

Ololade Opeyemi Olaleye
(See also M.B.A., Course XV)
Machine Learning and Stochastic Simulation for Inventory Management

Edan Orzech
Players with Bounded Randomness Capabilities

Rachel K. Owens
Dynamic Time Warping Constraints for Semiconductor Processing

Chanwoo Park
(February, 2024)
Multi-Player Zero-Sum Markov Games with Networked Separable Interactions

Charlotte Isabella Sinclair Park
Exploiting Observation Bias to Improve Matrix Completion

Serena Naresh Patel
(February, 2024)
(See also S.M., Technology and Policy Program)
Coal Retirement Strategies in India: Repurposing Coal Plants into Thermal Energy Storage

Daniel Simon Pfrommer
On the Sample Complexity of Imitation Learning for Smoothed Model Predictive Control

Sahil Pontula
Broadband Single and Multimode Quantum Light Generation Using Optical Nonlinearities

Thomas Charles Propson
Short-Visible-Wavelength GHz Display

Khandoker N. Rafa Islam
(February, 2024)
Controllable Transformation Matching Networks for Efficient RF Impedance Matching

Seyoon Ragavan
Space-Efficient and Noise-Robust Quantum Factoring

Sudarsanan Rajasekaran
Congestion Control in Machine Learning Clusters

Edgar Ramírez Sánchez
(See also S.M., Technology and Policy Program)
Learning Surrogates for Diverse Vehicle Emission Models

Joseph Pandian Ravichandran
(September, 2023)
Securing Computers by Understanding Microarchitectural Attacks

Adrián Rodríguez Muñoz
Adversarial Robustness Without Perturbations

Alexis Jihye Ross
Towards Adaptive Teaching with Large Language Models

Jillian Ann Ross
Evaluating Behavioral Biases in Large Language Models

Shuvom Sadhuka
(February, 2024)
A More Holistic Analysis of Privacy Risks in Transcriptomic Datasets

Alvaro Sahagun
Programmable Current Control of Silicon Field Emitter Arrays Using Gate-All-Around MOSFETs

Shashata Sawmya
Next Generation Tools for Smart Electron Microscopy

Zachary Keith Schmitz
(See also S.M., Engineering and Management)
The Impact of Thermostat Automation and Retail Rate Designs on Cooling and Heating Flexibility: Balancing Consumer Preferences and an Efficient Grid

Paul R.M. Seurin
(September, 2023)
(See also S.M., Course XXII)
Assessment of Reinforcement Learning Algorithms for Nuclear Power Plant Fuel Optimization

Youssef Hassan Sayed Shaker
(February, 2024)
(See also S.M., Technology and Policy Program)
Multi-Vector Energy Systems Analysis for Low-Carbon Power and Transportation

Daniel Weihang Shen
(February, 2024)
Management of Social and Financial Risks from Wind Power in Electricity Markets

Dingyu Shen
Device Stack Optimization for Protonic Non-Volatile Programmable Resistors

William Wei You Shen
(September, 2023)
Neural Feature Fields for Language-Guided Robot Manipulation

Yunyi Shen
Double Trouble: Predicting New Variant Counts Across Two Heterogeneous Populations

Idan Shenfeld Amit
Balancing Teacher Following and Reward Maximization in Reinforcement Learning

Youngjin Shin
(February, 2024)
Physics-Based Compact Model Development of Field Emitter Arrays

Leroy Kudakwashe Sibanda
(February, 2024)
(See also S.M., Engineering and Management)
Towards Implementing Modular Nuclear Reactor Systems for Developing Countries

Ashkan Soleymani
Causal Structure Learning through Double Machine Learning

Anoopkumar Sandip Sonar
Dialogue-Driven Multi-Agent Activity Planning

Prajna Vinay Soni
(See also S.M., Technology and Policy Program)
Addressing Misalignment in Language Model Deployments through Context-Specific Evaluations

Azfar Sulaiman
(See also S.M., Engineering and Management)
Blueprinting AI Economics: Cost Assessment Framework for Non-Technical Stakeholders to Navigate Key Aspects in Prompt Engineering, Prompt Automation, and Fine-Tuning LLMs

William Arthur Sussman
Peer-to-Peer Group Communication for City-Scale Mesh Networks

Demircan Taş
(See also S.M.Arch.S., Course IV)
Parametric Paintover: Generating Design Models via Image Encoders and Latent Trajectories

Anzo Zhao Yang Teh
(September, 2023)
Empirical Bayes via ERM and Rademacher Complexities: The Poisson Model

Leandra Tejedor
(See also S.M., Engineering and Management)
Stylizing 3D Models With Generative AI for Fabrication

Megan Minh-Hanh Tjandrasuwita
MeMo: Meaningful, Modular Controllers via Noise Injection

Alexander Elan Ungar
(September, 2023)
Scaling Up a Quantum Register of Dark Electronic Spins in Diamond

Joshua Leo Vendrow
Dataset Interfaces: Diagnosing Model Failures Using Controllable Counterfactual Generation

Agnes Villanyi
Classical Commitments to Quantum States

Tanay Wakhare
(February, 2024)
Two Studies of Constraints in High Dimensions: Entropy Inequalities and the Randomized Symmetric Binary Perceptron

Purui Wang
Robust Mobile Underwater Backscatter Networking

Qiuyuan Wang

Stochastic In-Memory Computing using
Magnetic Tunnel Junctions

Elizabeth Allison Whittier

Design and Fabrication of High
Frequency Electromagnetic Coil for
Magnetic Particle Imaging

Heather Lynn Willis

(See also Naval E., Course II)
Analysis of Data from the U.S.
Shipbuilding Industry and Application to
Improve Performance Metrics

Jaeyeon Won

(September, 2023)
WACO: Learning Workload-Aware Co-
Optimization of the Format and Schedule
of a Sparse Tensor Program

Dylan Robert Wootton

Charting EDA: Characterizing Interactive
Visualization Use in Computational
Notebooks with a Mixed-Methods
Formalism

Guangxuan Xiao

Efficient Deployment Algorithms for
Large Language Models

YuQing Xie

(February, 2024)
Equivariant Symmetry Breaking

Haikexu

Worst-Case Performance of Popular
Approximate Nearest Neighbor Search
Implementations: Guarantees and
Limitations

Fan Xue

A Compact Hydraulic Head Auto-
Regulating Module (CHARM) for Long-
Term Constant Gravity-Driven Flow
Microfluidics

Zi Yu Xue

Tailors: Accelerating Sparse Tensor
Algebra by Overbooking Buffer Capacity

Pradyot Singh Yadav

Design/System Technology Co-
Optimization of Gallium Nitride High
Electron Mobility Transistors for Next-G
3DIC Heterogeneous Integration of
Gallium Nitride and Si CMOS

Shiqi Yang

Learning Comorbidity and Disease
Progression in Electrical Healthcare
Record: Comparing Bayesian Uni-Modal
with Bayesian Multi-Modal Models

Yuheng Yang

(February, 2024)
Pensieve: Microarchitectural Modeling
for Security Evaluation

Sameia Zaman

(February, 2024)
Kinetic Inductance Characterization of
Thin 2H-NbSe₂ Superconductor Using
Circuit Quantum Electrodynamics

Difei Zhang

(February, 2024)
Generative and Discriminative Models in
Phase Transition Prediction

Ruiqi Zhang

(September, 2023)
Approaching Novel Perovskites
Photovoltaic Devices through Machine
Learning and Interfacial Engineering

Wei Zhang

(February, 2024)
Online Auction with Multiple Items

Zhekai Zhang

(September, 2023)
Spatial Accelerator Generation and
Optimization for Tensor Applications

Philipp Zimmer

(February, 2024)
(See also S.M., Technology and Policy
Program)
Advancing Anticipatory Action in
Humanitarian Aid and Development
Using Natural Language Processing

Ane Zuñiga Gurruchaga

Multi-Objective Bayesian Optimization
with Asynchronous Batch Selection

**Master of Science in Chemical
Engineering****Course X**

*Department of Chemical
Engineering*

Lucas Allen Baston

Production of Bio-based Lactone
Monomers for Intrinsically Recyclable
Plastics

Ismael Güereca Valdivia

(See also M.B.A., Course XV)
Preemptive Variation Reduction in
Biologic Drug Substance Manufacturing

Ryan Elliot Hawtof

(February, 2024)
Experimental and Modeling
Investigations of Pyrolysis and Polymer
Fouling

Mateusz Marek Wojtaszek

Elucidating Dual Methylcellulose-and-
Oil-Nanoemulsion Thermoresponsive
Gelation

**Master of Science in Chemical
Engineering Practice****Course X-A**

*Department of Chemical
Engineering*

Meshal Mansour Alshalan

(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Sayandeep Biswas

(September, 2023)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Richard Benjamin Canty

(February, 2024)
(See also Ph.D., Course X)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Yimai Chen

(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Kexin Dai

Attended School of Chemical
Engineering Practice in Lieu of Thesis

Alexis Breanna Dubs

Attended School of Chemical
Engineering Practice in Lieu of Thesis

Jenna Claire Fromer
(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Krystian Kamil Ganko
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Nicole Marie Howard
(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Fausat Emosioke Isu
(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Laman Natig Jalil
(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Robert Paul Jones
(See also Ph.D., Course X and M.B.A.,
Course XV)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Fang-Yu Kuo
(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Jun Wen Law
(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Ruoxin Lu
(September, 2023)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Kariana Andrea Moreno Sader
(September, 2023)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Shakul Pathak
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Alexander Sananes
(September, 2023)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Landon Schofield
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Julian Ufert
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Yuchen Yang
(February, 2024)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Yingzhe Zheng
(September, 2023)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

**Master of Science in
Aeronautics and Astronautics**
Course XVI
*Department of Aeronautics and
Astronautics*

Grant Freeman Appel
Low Earth Orbit Stability Analysis Using
Monte-Carlo Techniques

Brittany Elise Bishop
System-Theoretic Process Analysis of a
Novel Airborne Laser Communication
System

Sathwik Pandeshwara Chadaga
(September, 2023)
Power Failure Cascade Prediction Using
Machine Learning

Yana Charoenboonvivat
Quantitative Modeling of Water Demand
to Support a Continuous Human
Presence on Mars

Alissa Lilian Chavalithumrong
A Community-Based Approach for Hub
Placements

Luke Joseph Antonio de Castro
Reinforcement Learning for Minimum
Energy Planning with Multi-Fidelity
Modeling

Noam David Eisen
Systems Theoretic Process Analysis as a
Practical Tool for Comprehensive Flight
Test Hazard Identification

Andrew J. Fishberg
(February, 2024)
Multi-Agent Relative Pose Estimation
with Ultra-Wideband Ranging

Leonardo Gallo de la Paz
Silicon Photomultipliers as Free Space
Optical Communication Sensors

Evan Michael Gibney
Atmospheric Impacts of Hydrogen as an
Aviation Fuel

Wyatt M. Giroux
Modeling and Assessment of Efficiency in
Arbitrary Air-Breathing Power Systems

Adrien Christian Emile Guenard
Assessment of New Metric System to
Regulate NOx Aircraft Emissions at
Cruise

Wenyuan Hou
Oxide Coarsening and Agglomeration
During Melt-Based Additive
Manufacturing of Dispersion-
Strengthened Alloys

Tara Colleen Housen
Climate Impact Analysis of Global Direct
Air Capture Deployment

Mennatallah Mostafa Mohamed Hussein
(September, 2023)
Reduced Order Modeling of a Rocket
Engine Turbopump Inducer for
Assessment of Pogo Instability

Shaan Anand Jagani
Methods for Enhancing Ceramic Matrix
Composites with Aligned Nanotube
Reinforcement

Olivier Ng'weno Kigotho
Design of Experiments for Contrail
Avoidance

Courtney Regina Kirkpatrick
(See also S.M., Technology and Policy
Program)
A Technical and Policy Needs Analysis
for Space Traffic Management of Low
Lunar Orbit

Yuenong Ling
(September, 2023)
Wall-Modeled Large-Eddy Simulation
Based on Building-Block Flows

Marcos Adrian Logrono

(February, 2024)
A Unified Framework for
Characterization of Modes and Spike
Routes to Rotating Stall

Rodrigo Lopes Rose

Limitations of Commercial Aviation
Safety Assessment Standards Uncovered
in the Wake of the Boeing 737 MAX
Accidents

Cici Mao

An Approach to Fault Protection Design
for the Proposed Mars Sample Return
EDL and Ascent Phase Architectures

Lanie Grace McKinney

Numerical Modeling of Plasma-assisted
CO₂ Conversion for Mars ISRU

Kendra Lynn Middleton

System Identification CFD-Based
Reduced-Order Modeling for Hypersonic
Vehicles

Blanca M. Murga

(See also M.B.A., Course XV)
How Complexity Drives Long Lead
Times: A Queueing Theory Space
Industry Application

Catherine Joy Breslin Nachtigal

Processes for Fabrication of SU-8
Structures and Sputtered Materials on
Porous Glass for Electrospray Thruster
Manufacturing

Joana N. Nikolova

Spacecraft Orbiting and Uncertainty -
Planning Surveillance

Mason Burgon Peterson

Relative Robot Localization and Frame
Alignment for Multi-Robot Collaboration

Cameron Wesley Pittman

(September, 2023)
Distributed Multi-Agent Decision
Making Under Uncertain
Communication

Rudrapatna Vallabh Ramakanth

(February, 2024)
Wireless Scheduling for Monitoring
Remote Correlated Sources

Théo Artur Rulko

On Stress, Strength, and Failure in
Asteroids During Planetary Entry

Akila Saravanan

Strategic Deployment of Aerial Assets

Matthew E. Schofield

Study of Cavity Geometry to Improve
Optical Quality of Windows in
Hypersonic Flow

Steven Serrano

(September, 2023)
Nanomaterial-Enabled Out-of-Autoclave
and Out-of-Oven Manufacturing of Fiber
Reinforced Polymer Composites

Yuxin Shu

Assessment of Sustainable Aviation
Fuel Production Potential Using Crop
Allocation Optimization

Shannon Cassidy Smith

Effect of Distributed Roughness and
Surface Curvature on Gortler Vortex
Development in High-Hypersonic Flow

Tory Daniel Smith

Sensor Network Tasking for Space
Domain Awareness Using Multi-Agent
Reinforcement Learning

Chun Man Oswin So

Safe Nonlinear Control Under Control
Constraints via Reachability, Control and
Reinforcement Learning

Michael Daniel Strauch

(September, 2023)
AeroCatalyst for DeNO_x: A Structural
Design and Analysis Approach for a
DeNO_x Catalyst in Aviation

Allison Chang Tsay

(See also M.B.A., Course XV)
Framework for Enhancing
Decision-Making Capabilities in the
Decarbonization of the Airline Industry

Benjamin Andrew Waters

Comparing Just-in-Time Collision
Avoidance to Active Debris Removal for
Orbital Debris Remediation

Christopher B. Womack

(February, 2024)
(See also S.M., Technology and Policy
Program)
On the Potential Impact of Curved
Meshing for Higher-Order Adaptive
Mesh Simulations

Xiangcheng Xu

Development and Evaluation of Contrail
Models

Ruixiao Yang

Scalable Approaches to Multiple Depot
Traveling Salesman Problem in Delivery
Systems

Mingxin Yu

Optimizing Motion Planning for
Manipulators through Formal
Methodologies: CBF and MILP
Perspectives

Songyuan Zhang

(February, 2024)
Learning Stabilizing Controllers for
High-Dimensional Unknown Systems
and Networked Dynamical Systems

**Master of Engineering in
Biomedical Engineering**

Course XX-P

*Department of Biological
Engineering*

Dana L. Haig

(September, 2023)
Combating Maternal Mortality: The Iron
Deficient Anemia (IDeA) Diagnostic

**Master of Science in Biological
Engineering**

Course XX

*Department of Biological
Engineering*

Sunho Kevin Chung

(September, 2023)
Development of a Multi-Modal Brain
Machine Interface and Its Closed-
Loop Applications for Elucidating the
Functional Behavior of the Whole Brain

Dylan Cole Hirsch
(September, 2023)
Modeling, Simulation, and Ratiometric
Control of a Population of Bacteria
Engineered with Bistable Circuits

**Master of Science in Nuclear
Science and Engineering**

Course XXII
*Department of Nuclear Science and
Engineering*

Cody Wu Chang
(February, 2024)
Studies of Electron Heat Conduction in
Magnetized, Shock-Driven Implosions at
OMEGA

Matthew Dominic Chew Ming Chang
(See also M.B.A., Course XV)
Site Selection, Vendor Evaluation, and
Deployment of Nuclear Microreactors in
Remote Mining Operations

Matthew H. Clingerman
(September, 2023)
Revisiting MHD Generators with HTS
Magnets

Carmen Mary Sleight Crawford
(See also S.M., Course II)
Conceptual Design of a Nuclear
Microreactor Transportation Cask

Calvin James Cummings
Evaluation of RANS-Based Turbulence
Models for the Propagation of Stratified
Fronts in Buoyancy-Driven Flow

Kaylee Marie Cunningham
Modeling UO₂ and UN Fuel Fission
Gas Release Instances in BISON for
Microreactor Applications

Maurane Garanzini
Feasibility Assessment of Adopting the
ADDER Computer Code for the MIT
Research Reactor Fuel Management

Emile Gerard Remi Nestor Germonpré
Feasibility Study for the Use of Nuclear
Batteries in Decentralized Hydrogen
Production

Samuel James Karlson
Pulsed Magnetic Imaging of Broad
Frequency Fields using Nitrogen Vacancy
Centers in Diamond

Chika Calistus Maduabuchi
Automated Segmentation and
Analysis of High-Speed Video Phase-
Detection Data for Boiling Heat
Transfer Characterization Using U-Net
Convolutional Neural Networks and
Uncertainty Quantification

Daniel Talbott Murphy
(See also M.B.A., Course XV)
Shutdown Dose Rate Modeling for
Radiation Requirements Development
and Design Trend Analysis in the ARC
Fusion Device

Eva Viktoria Torinn Ohstrom
(September, 2023)
Development and Characterization of
Scintillating Fibers with Embedded
Photodiodes

Brianna Noelani Ryan
(See also S.B., Course XXII-ENG)
CEnuNS in Natural Zinc
Superconductors and its Application for
Nuclear Non-Proliferation

Paul R.M. Seurin
(September, 2023)
(See also S.M., Course VI)
Assessment of Reinforcement Learning
Algorithms for Nuclear Power Plant Fuel
Optimization

Brendan C. Vaughan
(February, 2024)
Assessment of Hybrid CFD Turbulence
Model, STRUCT-Epsilon, for Thermal
Striping Behavior

Lorenzo Norman Venneri
(September, 2023)
Design for Cost Methodology Applied to
High Temperature Gas-Cooled Reactors

Kate Whiteaker
Quantifying Iodine-129 Environmental
Releases and Surface Water
Concentrations at Nuclear Fuel Recycling
Facilities

Charlotte I. Wickert
(See also S.B., Course VIII)
Non-Neutron Transmutation of Spent
Fuel

**Master of Applied Science in
Supply Chain Management**
*Program in Supply Chain
Management*

Foyinsola Tolulope Adeyemi

Cristina Aguirre Algara

Nikolay Aristov

Andres Arturo Ayala Mennechey

Kavitha Balakumar

Shantanu Sunil Baviskar

Jean Herode Bertrand

Fabrizio Umberto Boaron

Oscar Bonet Olano

Diego Alonso Campos Durand

Maria de Loreto Cantu Villarreal

Alex Michael Carroll

Chu Cho

Zhan Ding

Matthias Eder

Troy Isaac Egar

José Arturo Espinosa Salas

Firanza Fadilla

Perry McCants Castleman Falk

Yuan Fang

Mohamed Lotfi Gaafar

Stephanie Gabriela Gomez Prieto

Fan Gruener

Hansika Gupta

Santiago Hernandez	Santiago Pérez Olvera	Wenchao Zhang
Ardi Prasetya Hernawan	Omar Fabian Pineda Carrillo, Sr.	<u>Master of Science in Engineering and Management</u> <i>Program in System Design and Management</i>
Chia Hsu	Thiago Pinheiro Faury	
Shane Huisman	Mayank Raj	
Miguel Angel Iturralde Jaramillo	Yaniliz Rivera Valentin	Mridula Prakash (February, 2024) Role of Generative AI tools (GAIIs) in Software Development Life Cycle (SDLC)- Waterfall Model
Kevin-Alexandre Jacquot	Ryan Justin Anthony Rocke	
Arjun Kapoor	Mateo Sebastian Rojas	Samuel Alan Abel (September, 2023) Designing an Optimal Portfolio of Competing Fuels Under Uncertainty
Bobby Kheny	Luis Felipe Bittencourt de Brito Sena	
Dhorn Kosolpatanadurong	Alexander Johnathon Shaw	
Nilay Kumar	Niraja Shukla	Sowmya Addanki Dynamics of Corporate Entrepreneurship in Technology Companies: A Study of Strategic Practices and Governing Frameworks Shaping Entrepreneurial Ecosystems
Ravi Kumar	Kalyan Prasanna Simha	
Nimisha Shaji Kunnathu	Seyed Mostafa Taheri	
Ziyan Li	Douglas Tjokrosetio	Eden Newman Adler (See also S.M., Course VI) Modeling the Affect of "Aha!" Moments to Detect the Moment of Learning
Yu-Hsin Lin	Mohamed Amine Tmimi	
Yijing (Mavis) Lu	Chi Sheng Tseng	Yousif Fayeز AlSadah (September, 2023) Industry Platforms: Case Studies to Measure Platform Capabilities for US Unicorns
Maria Lucchi	Turgay Turkmen	
Patricia Machado Andrade	Drake E. Turnquist	
Elizabeth Rachel Marchosky	Claire Urbi	Warren Vanner Anderson (September, 2023) Enhancing Innovation in Technical Teams: Adapting Systems Architecture for Use on a Human-Centered Design Team
Julia Grace Mionis	Alex Meier Varnhagen	
Shayna M. Moliver	Ria Verma	
Jospin Kalumire Mubaki	Ping Wang	Tomonoshin Aoki How Pharmaceutical Companies Utilize Platform Strategy: A Study of the COVID-19 mRNA Vaccine Development
Anirudh Narula	Joshua Andrew Weston	
Oscar Luis Nieto Michelis	Yan Xu	Naofumi Aoshima Exploration of the Future Enterprise System Architecture of the Japanese- Origin High-Speed Railway in Texas
Justin O'Driscoll	Lili Zhang	
Matías Andrés Opazo Gezan	Linyi Zhang	
Seyeon Park	Ruiming Zhang	

Roy Asher

Introducing AI as a Team Member During the Fuzzy Front End of New Product Introduction Projects in the Medical Device Industry: An Experimental Design

John Richard Beilstein

(February, 2024)
A Proposed Framework to Facilitate System Engineering, Requirement Development, and Regulatory Document Writing Using Natural Language Processing (NLP) Models.

Jorge Andrés Besa Lehmann

(September, 2023)
How to Select Chargers and Batteries for Electric-Bus Transit Systems in Large Cities? A Comparison of Lifecycle Costs and Operational Reliability for Different Configurations Using the Chicago Bus Network as a Case Study

Michael Christopher Case

(February, 2024)
An Organizational Network Analysis of the Sprawling U.S. Department of Defense Innovation Ecosystem

Corinne Shannon Cochran

(September, 2023)
Systems Review of Membrane Technology for Refinery Hydrocarbon Separations

Clay Allen Coffey

(September, 2023)
Small Modular Reactor Technology for Industrial Heat and Power: Selection Techniques and Implementation Strategies for Real-World Use Cases Using Systems-Based Approaches

Justin Dargis

(September, 2023)
Architecting Upstream Oil and Gas Enterprise for Innovation

Brooke Brininstool DiMartino

(September, 2023)
Direct Air Capture (DAC) as a Carbon Removal Solution: Analyzing Scale-Up, Cost Reduction, and Pathways for Acceleration

Mart Duitemeijer

Techno-Economic Analysis of Fusion Energy in the European Electricity Market

Richard Dulce II

A Systems Dynamics Approach to U.S. Army Talent Management

Marcelle Denise Durrenberger

A System Exploration of Startup Decision Heuristics

Kyle Lee Ensley

(September, 2023)
Coast Guard Aviation & the Assignment Problem: An Auction Model to Allocate the Future 'All-Jayhawk' Fleet

Fahim Faruque

System Interfaces to Facilitate Follow-Up Pharmaceutical Care in the United States

Yosuke Fujii

Integrated Business and Technical System Modeling of Rail Projects with Uncertainty Analysis

Madeleine Alise Golison

A Data Driven Approach to the Attrition of Women in Software Engineering

Nicholas Ciro Gonzalez

(September, 2023)
A Framework for Evaluation of Technology-Based Innovation Project Proposals for Implementation Using a System Approach

David Bernardo Gottdiener Islas

Towards a New Affordable Housing Approach: A System-Thinking Criteria Set to Assess Quality

John Martin Hamel

A Systems Approach To Low-Cost, Modular Autonomous Surface Vehicle and Autonomous Underwater Vehicle Integration

Aaron C. Hanenkratt

Project Management for Research and Development

Yizheng He

(September, 2023)
Evaluating SigmaOS with Kubernetes for Orchestrating Microservice and Serverless Applications

Brian Herrera

(February, 2024)
Cloud-Native Applications and Their Role in Supporting Agile Hardware Development

Thinh Bao Hoang

(See also Naval E., Course II)
Exploring Trade-Offs and Emergent Properties of Heterogeneous Swarms of Maritime Robot Systems through Empirical Analysis and Application-Driven Experiments

Chen Huang

(February, 2024)
Enhancing Business School Engagement Through Gamified Experience in Non-Pedagogical Contexts - A Human-Centered Design Approach

Rei Iijima

Technological Development Trajectories of the Component Technologies in Battery Electric Vehicles

Daniel Jacobs Luengo

Harnessing Intelligent Audio-Gesture Interfaces for Wearables as a Sleep Aid

Anukriti Jain

Analysis of Dark Patterns in UI/UX Elements of Digital Platforms

Mumin Khan

A Data-Driven Approach to Comparing Battery Electric Vehicle Architectures

Hope Marie Klukovich

(September, 2023)
Facilitating Adoption of Continuous Manufacturing Platforms in the Pharmaceutical Industry

Jacky Levy Kotane

Telco 5G and Non-Terrestrial Networks: an Architecture Trade Analysis to Select Solutions to Support Socio-Technical Needs in South Africa

Eduardo Luis Latouche

Overcoming Challenges in Cellular Therapies: A Systems Engineering Approach for Equitable Access

Paola Andrea León Alarcón
(February, 2024)
Gauging the Efficiency and Efficacy of
Timed Coding Assessments in Software
Engineering Recruitment

Ethan Richard Lindstrom
(September, 2023)
Feasibility of a Human Capital Digital
Twin

Mun Kit Kenny Lum
(September, 2023)
System Dynamic Analysis to Evaluate
the Socio-Economic Impact of the Energy
Transition of Singapore to Achieve Net
Zero Emissions by 2050

Chao-Lun Mai
(See also S.M., Course VI)
Identification of the Steel
Decarbonization Options for Different
Regions

Carlos Edoardo Melgarejo Oviedo
The Vehicle Platform Architecting
Process: Will Model Based Systems
Engineering Help Organizations with
the Architectural Transition from Ice to
Battery Power?

Noemie Brigitte Midrez
(February, 2024)
System Approach to Investigate
Environmental Footprint and Cost
Tradeoffs in Additive Manufacturing

Duncan MacKenzie Miller
(February, 2024)
Data-Driven Space Economy Investment
Strategy Through an Updated
Commercial Space Technology Roadmap
(CSTR)

Mariam Momenzadeh
Study and Analysis of the Evolution of
Knee Arthroplasty Surgery Through its
Technological Innovation

Yuichiro Monden
Firm Dynamics Under Industrial Policy

Jonathan Robert Monnig
(September, 2023)
Queueing System Analysis in Oil and Gas
Abandonment Operations

Holly Christine Greenberg Nihipali
(September, 2023)
Innovation Ecosystems in
Geographically-Remote and Resource-
Limited Regions by including Indigenous
Populations and Ancestral Science,
Knowledge, and Practices: Intentional
Development in the Pacific Islands of
Hawai'i, Fiji, and New Zealand

John Scudder Nothacker
Sensor Evaluation for a Low Cost
Autonomous Surface Vehicle

Kentaro Numa
Assessing Photoelectric Fusion
Technologies: Market Potential and
Strategic Insights from NTT's IOWN Case

John Michael Nurthen II
(September, 2023)
Cybersecurity Risk Assessment
Matrix (CRAM): A System-Theoretic
Approach to Balancing Operational
and Cybersecurity Risk Management
of Transient Cyber Assets (TCA) in the
Maintenance of Operational Technology

Javier Adrian Ocampo
(See also S.M., Course VI)
A Human-Computer Interaction
Driven Inquiry into New Trust Signals
that Adequately Map to the Risk of
Interactions on the Web

Edgar Dos Santos Paca
(September, 2023)
Assessing the Technical Feasibility of
Converting U.S. Salt Domes Used for
Natural Gas Storage into Hydrogen
Storage Facilities

Tanner Jordan Papenfuss
(September, 2023)
Organizational Data Journey

Drake Michael Platenberg
(February, 2024)
Characterizing Naval Ship Power and
Energy System Metrics through Modeling
and Analysis

Daniel Eduardo Reveron
Evaluating Network Scalability of
Metaverse-Applicable Use Cases

Daniel Herndon Richards
Clinical Cost-Effectiveness as a Novel
Metric for Steering Emerging Medical
Technology

Prem Sagar
(February, 2024)
Exploring the Use of ChatGPT as a Self-
Learning Tool for Arduino Coding &
Circuit Building for Artists & Designers

Zachary Keith Schmitz
(See also S.M., Course VI)
The Impact of Thermostat Automation
and Retail Rate Designs on Cooling and
Heating Flexibility: Balancing Consumer
Preferences and an Efficient Grid

Francisco Sepulveda Morales
Developing an Intelligent Tutoring
Systems (ITS) Based on Error-Based
Cognitive Architecture for Extend Reality
Hands-On Training

Maryam Afzaal Shamsie
"Biomarkers" for Translational Success
in Neurodegenerative Diseases: A
Comparative Analysis of the Research
to Practice Trends in Breast Cancer and
ALS to Identify Systematic Indicators of
Translational Success

Leroy Kudakwashe Sibanda
(February, 2024)
(See also S.M., Course VI)
Towards Implementing Modular
Nuclear Reactor Systems for Developing
Countries

Amandeep Singh
Effective Messaging for Tackling NIMBY
to Accelerate Decarbonization

Anup Sreekumar
System Dynamics Modeling of
Organizational Culture Transformation:
a Study of the Organizational and
Technical Factors That Affect the
Implementation of Toyota Production
System in Organizations.

Azfar Sulaiman
(See also S.M., Course VI)
Blueprinting AI Economics: Cost
Assessment Framework for Non-
Technical Stakeholders to Navigate Key
Aspects in Prompt Engineering, Prompt
Automation, and Fine-Tuning LLMs

Kensuke Suzuki
Effective Assignment of Construction
Managers to Construction Sites

Stephen Michael Tainter

(September, 2023)
Enhancing the Quality and Breadth of Carbon Reduction Project Ideation and Roadmapping for Corporations

Leandra Tejedor

(See also S.M., Course VI)
Stylizing 3D Models With Generative AI for Fabrication

Florence Fernandez Thatcher

From Conception to Connection: A Systematic Approach to Integrating Remote Patient Monitoring in Fertility Management

Gabriela Alexa Torres

(February, 2024)
A Comparison of Privacy Requirements from the User Perspective in a Wellness App

Chetan Vinayak Vidhate

Measuring the Product Configuration Complexity and Cost for Mass-Customization of Automobiles

David Villegas Gonzalez

(February, 2024)
Lean Technology Roadmapping: Assessing the Value Path of Existing Approaches and Exploring Process Improvements

Yutaro Watanabe

Designing the Enterprise Architecture of an Innovative Plant Engineering Company

Dian Wen

Enhancing User Data Privacy and Trust through the Implementation of the OTrace Protocol: Development, Challenges, and Impact Assessment

Hanna Won

(February, 2024)
Integrated Model of a Floating Nuclear System for Hydrogen and Ammonia Production

Bryan Sheungwoo Yang

(September, 2023)
A Systems Approach to Understanding Organizational Structure and Employee Development in Tech Sector

Ray-Pern Yau

(February, 2024)
How Can Impact Investors Enable Systems Change? Exploring the Theory and Practice of an Emerging Field

Ayako Yukawa

Architecting Absorptive Capacity: Systems Framework for Open Innovation in Japanese Enterprises

Nadine Adel Ahmad Zaza

Integrating Futures: 'Culture Crates' Hybrid Digital-Analog Methodology in the Advancement of Cultural Education and Preservation

Zhao Zhang

(September, 2023)
Mitigating Investment Risks in Nature-Based Solutions: Strategies and Applications for Sustainable Project Development

Yushi Zhao

(September, 2023)
Subsurface Digital Twin and Emergence

Bingnan Zhou

An Approach to Developing a More Elastic Software Organization Architecture Through Building Innovation Capability and Managing Risks

Master of Science in Health Sciences and Technology

Program in Health Sciences and Technology

Noah Stanley Warner

A Framework for Detection and Observation of Radiation Chemistry Species on an Mr-Linac

Master of Science in Transportation**McKenzie Ross Humann**

Course I
(See also M.C.P., Course XI)
From Pilots to Stable Services: Documenting the Rise and Diversity of Microtransit in the U.S.

Devin Camille Wilkins

Course XI
(September, 2023)
Towards Regional Rail: Strategies for Service Transformation on the Worcester/Framingham Line

Yen-Chu Wu

Course XI
Optimizing In-Garage Charging Schedules to Maximize Electrified Mileage for Electric Bus Fleets

Naval Engineer**Course II**

Department of Mechanical Engineering

Asia Mon'a Allison

(See also S.M., Course II)
Design and Modeling of Offshore Nuclear Platform Fuel and Transfer System

Jonathan Jerald Daus

(See also S.M., Course II)
Magnetohydrodynamic Induction Pump Jet Propulsor for Undersea Vehicles

Christos Gkiokas

(See also S.M., Course VI)
Innovative Floating Wind Turbine with Synthetic Mooring System and Feasibility Analysis of a Solar-Wind-Battery Hybrid System

Think Bao Hoang

(See also S.M., Engineering and Management)
Exploring Trade-Offs and Emergent Properties of Heterogeneous Swarms of Maritime Robot Systems through Empirical Analysis and Application-Driven Experiments

Mikala Nikole Molina

(See also S.M., Course VI)
Methods for Testing COLREGS Compliance in Autonomous Surface Vessels

Christopher John Sarao, Jr.

(See also S.M., Course II)
Design and Modeling of Pneumatic Mechanism for Improved Indirect Liquid Cooling of Shipboard Power Electronics

Katherine Charlotte Spaeth
(See also S.M., Course II)
Addressing Challenges of Volume
Controlled Cavity Expansion (VCCE) for
In-Vivo Tissue Testing

Jason Bradley Webb
(See also S.M., Course II)
Using Multiple Objective Optimization
for Autonomous Sailing Vessels

Heather Lynn Willis
(See also S.M., Course VI)
Analysis of Data from the U.S.
Shipbuilding Industry and Application to
Improve Performance Metrics

Electrical Engineer
Course VI
*Department of Electrical
Engineering and Computer Science*

Thomas Charles Krause
(February, 2024)
Sensing for Electromechanical Systems
(S.M. thesis September 2021)

Aaron William Langham
An Enhanced Signal Processing Toolbox
for Electrical Energy Monitoring

Goran Živanović
(February, 2024)
ExoSpotter: Few Shot Relevance
Feedback For Learning High Recall
Exoplanet Search

Engineer in Computer Science
Course VI
*Department of Electrical
Engineering and Computer Science*

Samuel DeLaughter
(September, 2023)
(See also Ph.D., Course VI)
A Comparative Analysis of Denial of
Service Vulnerabilities in Network
Protocols (S.M. thesis, February 2019)

**Master of Engineering in
Computer Science, Economics,
and Data Science**

Course VI-14
*Department of Electrical
Engineering and Computer
Science in conjunction with the
Schwarzman College of Computing*

Jordan A. Billings
Using Machine Learning to Differentiate
Set Pieces in Football via Tracking Data

Jason D. Lee
Decoding the Depths: Developing a
Whale-Click Separator for Predictive
Speaker Recognition in Sperm Whale
Conversations

Rupert Michael Li
(See also S.B., Course XVIII)
Semidefinite Programming Bounds for
Codes in Complex Projective Space

Alice Martynova
Modern Change at Charter Schools:
New Evidence from the Noble Charter
Network

Matthew Fellows Nay
Decentralized Social Networking
Protocol (DSNP) and User
Empowerment: An Analysis of Online
Identity Ownership, Data Privacy, and
Comparative Assessment with Other
Decentralized Protocols

Christopher William Noga
Estimating Residential ESG Preferences

Kirsi K. Rajagopal
Equity Considerations in Bus
Transportation Electrification at the
Depot Level

Karyn N. Real
Developing a Machine Learning Based
Automated Screening Tool to Diagnose
Silent Heart Attacks in Resource-
Constrained Settings

David M. Vapnek
The Value of Variance in Major League
Baseball

Nina Y. Wang
Investigating the Structural Evolution of
Ad Design: Computational Analysis of
Information Content and Interactivity in
Ads

Caroline C. Warren
A Multi-Industry Exploration of Model
Flexibility and Performance Trade-Offs
in the Era of Artificial Intelligence and
Advanced Computing

Isaac S. Zhang
Computing Equilibria in Colonel Blotto
by Applying Counterfactual Regret
Minimization Using a Layered Graph
Representation

Stan Zhang
Equal Subset Sum Problem and its
Variations

Tianyuan Zheng
The Effects of Mandatory Advanced
Placement Curriculum Policies on
Achievement, Graduation, and College
Enrollment

SCHOOL OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

Master of Applied Science in Data, Economics, and Development Policy

Course XIV
Department of Economics

Shotaro Beppu
(September, 2023)

Barbara de Alencar Pitombeira
(September, 2023)

Krishna Bhaskar Devarakonda
(September, 2023)

Abiel Abdonel Devilme
(September, 2023)

Raymundo Duran Lozano
(February, 2024)

Donald James Eastwood
(September, 2023)

Chee Wee Koh
(September, 2023)

Sitara Kumbale
(September, 2023)

Ayesha Imran Malik
(September, 2023)

Sofía Martínez Gálvez
(September, 2023)

Gevorg Minasyan
(September, 2023)

Erich Natsubori Sato
(September, 2023)

Teddy Onserio
(September, 2023)

Neil Devesh Patel
(September, 2023)

Luisa Pereira Monteiro Proenca Cerca
(September, 2023)

Crystal Jing Qian
(September, 2023)

Wan Yun Tan
(September, 2023)

Hidenobu Tokuda
(September, 2023)

Rohit Tripathi
(September, 2023)

Ignacio Alejandro Urrea Bordonos
(September, 2023)

Celine Wuyts
(September, 2023)

Master of Science in Political Science

Course XVII
Department of Political Science

Nicholas Wolf Ackert
(September, 2023)
Explaining Middle Power Military
Intervention: Australia's Use of Force in
Maritime Southeast Asia and the South
Pacific

Liberty R. Ladd
(See also S.B., Course II)
Effects of Ranked Choice Voting and
Run-off Elections on Voter Participation

Ziyi Wu
Outsiders in Media: Sense of Foreignness
and the Support of Censorship in China

Suyeol Yun
(February, 2024)
Decoding Congressional Stock Trades:
An Industry and Committee-Focused
Analysis with Graph Neural Network
and Large Language Model

Master of Science in Science Writing

Course XXI
*Program in Writing and
Humanistic Studies*

Daelin Simone Shelton Brown
(September, 2023)
Keeping New Orleans Afloat

Elizabeth Gamillo
(September, 2023)
Tuning into the Planet: Scientists are
Collecting and Archiving Soundscapes
before They Disappear

Allison Paige Guy
(September, 2023)
Ecosystem Reboot: How Scientists are
Building an Inside-Out Noah's Ark for
Florida's Vanished Coral Reefs

Phie Grayson Jacobs
(September, 2023)
Abortion Beyond the Binary: Transgender
People Have Historically Been Left Out
of Abortion and Reproductive Health
Research. Now, Two Researchers Are
Bringing Their Experiences to Light

Vishva Nalamalapu
(September, 2023)
The Sleepless Forest Observers

Abdullahi Tsanni Nuhu
(September, 2023)
The Consumer of Humans

William Burgoyne von Herff
(September, 2023)
Under Their Own Laws: How the
Kitasoo/Xai'xais First Nation Created a
New Marine Protected Area — without
the Federal Government's Approval

Master of Science in Science, Technology, and Society

Course STS
*Program in Science, Technology,
and Society*

Zachary John Thomas La Rock
(September, 2023)
Chemistry in a New Key: Surplus, Soy,
and the History of Sustainable Enterprise
in the United States, 1934-1950

SLOAN SCHOOL OF MANAGEMENT

Master of Business

Administration

Course XV-A (Sloan Fellows)

Sloan School of Management

Moaz Afzal

Yael Agmon

Omar Abdulaziz Alblehed

Feras ALDebasi

Alana Alencar Coelho

Fahad Saleh Alismail

Ayobami Olumide Aluko

Sergali Amirbekov

Ryunosuke Ando

Jian Wei Ang

Raafet Azzouz

Artur Bardera Echeverria

Laura Elizabeth Bautista Pérez

Amrita Bhattacharya

Nadine Amaotiwaa Boakye

Nasiru Braimah

Rodrigo Casarin de Oliveira

Tegan Louise Case

Bryan Ken-Chin Chao

Zhi Chen

Natasha Nyasha Chifamba

Diana Choi Kim

Renan Fleury Pereira Cunha

Safiyah Dahbi Skali

Erin Melissa Dawicki

Pablo Espuela Martin

Michelle Elizabeth Ewy

Franck Kouakou Ola Fade

Mattia Emidio Filiaci

Jocelyn Anne Foulke

Swati Garg

Alexander Garifulin

Sheila Genesine Dada

Ker Wee Goh

Cesar Gerardo Gomez Aldape

Gerardo Andrés Guerra Quintanilla

Andres Yoon-Jung Ha Chun

William Grant Charles Harding

Masahiro Hayashi

Joesph Hayut

Offline Reward Learning from Human
Demonstrations and Feedback: A Linear
Programming Approach

Joseph A. Hollingsworth III

Sarah Taimoon Zaida Hosein

Matthew Dean Howard

Bifeng Huang

Xiaohong Huang

Zaher Ibrahim

Hyewon Im

Hyedong Jeong

Hojin Jung

Minchul Kang

Grant Miller Karshner

Masayuki Kawahashi

Mark Reed Ketchum, Jr.

Sun Young Kim

Jeffrey Kenneth Knauer

Netta Koren

Atsunori Kushiyama

Talgat Kutbay

Fernando José Lanús

Sang Yeup Lee

Patrick Ondracek Lemouche

Liang Liao

Hun Pin Lim

Yanling Liu

Leonardo Magalhaes Lott

Rajit Malhotra

Christopher Paul David Mamaux

Muhammad Najib Masdan

Brian McNaboe

Jackson Robert McWade

Patrick Anguzu Munduga

Javad-ul-Mutayyab Mushtaq	Juan Pablo Santos	Joanna K. Avery
Barbara Birungi Mutabazi	Andrea Sartor	Benedict Johannes Karl Bachstein
Kishanthan Nadarajah	Luis David Sena Fañas	Juan Pablo Barros Rubio
Omri Yitzhak Nahmias	Wonhee Seo	Alyssa Paige Beatty
Hyacinthe Naré	Noga Shachar Schleyer	Saloni Samir Behl
Windy Natriavi	Caio Silva Barbosa	Mohamed Karim Bennis
Umbereen Sultana Nehal	Woohyong Song	Theodore Alton Blaine
Masahiko Ogawa	Yuki Suga	Howard Warren Buffett
Táisa Oliveira Maciel	Hiromasa Suzuki	Bonita Jean Burke
Brenda Bi Hui Ong	Rie Tomita	Courtney Evans Caswell
Oghenemaero Ufuoma Onwah	Victoria Eugenia Tostado Bringas	Jun Chen
Deepak Joseph Parayanken	Ikechukwu Chima Ume	Juan E. Clariond
Albert Pek	Alberto Souza Vieira	Emily Caples Clark
Lawrence Petit-Frere	Gabriela Viera Alegria	M Alicia Temple Clark
Hee Yau Phoon	Xuejing Wang	Charles John Clarkson
Rebeca Nicolas Pinheiro	Jinhua Zhang	Jaime Coronado Barbosa (February, 2024) Digital Transformation in Sales and Operations Planning
Andres Pombo	Gad Zuretz	Jaime Correal
Lea Gabrielle Potts	<u>Master of Business Administration</u> Course XV-E (Executive) <i>Sloan School of Management</i>	Racquel Belen Cross
Erika Viviana Ramirez		Broghan Meredith Cully
Abhishek Ravindra		Matthew Adam DePaolis
Tomas Rivadeneira Hurtado	Hassan Ajwad Abbas	Renato Anthony DePaolis II
Anthony Stephen Roa	Venkatesh Alagarswamy Govindaraj	Ryan James Doherty
Lilian Cléa Rodrigues Alves	Tunca Alikaya	Farida Elif Douiri
Adi Adina Rubinstein	Mohamad Adnan Alkhouli	Geoffrey Robert Downing
Gaurav Kumar Saini	Micaela Brandy Alvarez	Richard Drazin
Manuel Alejandro Sánchez Castro	Ilya Leonidovich Aranovich	
	Karolina Athanasopoulou	

Paul Francis Farrell, Jr	Patrick Wayne Little	Stanislav Petrenko
Mark S. Franco	Humberto Lopez Mata	Narin Phol
Thiago Amaral Gaspar	Karen Luu	Carolina Piras de Oliveira
Ghassan Richard Ghorayeb	Karim Sami Malek	Jesús Alberto Quiñones Flores
Kohei Hasegawa	Dawn Marie Marchand	Rodrigo Rogelio Ramos
Chieko Jocelyn Hayashi	Fortune H. Masawi	Elder Recinos
Connor Patrick Henley	Mo McNally	Eric Bradley Redmond
Paul J. Hlivko	Erin Kathleen McPike	Daniel Conor Richert
Thomas Hudner Howd	Jennifer Ulanda Miles-Thomas	Eric Harmon Rosenkranz
Alberto Enrique Huasasquiche Montoya	Rumna Mishra	Aleksandra Safarova
Scharukh M. Jalisi	Colby Lauren Moore	Nishank Saxena
Heather S. Jankins	Conrado Honorato de Morais	Michael Patrick Sechrist
Hemanth Kaligotla	Eleanor Elizabeth Morgan	Samy Samir Sidhom
Muralidharan Kannan	Kristy Morse	Vincent Sigismondo
Michaela Rita Kaufmann	Timothy Paul Mui	Jeffrey Singer
Aiman Khan	Subrahmanya Ravi Kiran Mullapudi	Malagalage Don Ehantha Sirisena
Aaron Michael Kilinski	Dilip Nataraj	Arvind Srinivasamoorthy
HyungJoo Kim	Manish Nigam	Tyler E. Staal
Soujanya Kolla	Wade Austin Oliver	Tiffany Sullivan
Kalyan Chakravarthy Koneru	Omar Jacques Omran	Prasad Sumant
Delfi Krishna	Tilak P. Palanisamy	Weiyi Sun
Swetha Krishnan	Andrew Isaac Pankin	Rui Tang
Todd Lyndon Kurth	Pankaj V. Paranjpe	Flavius Mihai Toma
Neil Fredrick Larson	Patrick Lee Parker	Franco J. Torres
Katherine M. Ledoux	Breana Patel	Maria de los Angeles Torres-Castillo
Vanessa Lee	Gabriel Oscar Peláez Carbone	Ryan Cosmore Troy

Jonathan Edward Upton	Marcelo Oliveira Aguiar (See also S.M., Course II) Economic Comparison of Solar Racking Options to Decarbonize Florida Power & Light's System	McCoy Stephen Bean
Felipe Eduardo Valdes Diaz		Tobias Fabian Beck
Manas Venepally		Andrea Laura Bejarano
Melissa Vettrains Bachstein	Mohd Ahmad	Marko Bejatovic
Anna Vidyakina	Yu Aizawa	Javier Alejandro Bello Medina
Juan Diego Villegas	Maleek Ayoola Akeju	Isabel Paterno Benares
Thomas Westerling-Bui	Amos Adu Akoto	Andrés Besa Bandeira
Lisandra Evelyn Wilmott	Nicolás Octavio Hermenegildo Al- bers-Schönberg	Shivam Bhakta (See also S.M., Course I) Sustainability Analytics-Lowering Emissions with Operational Efficiency
Glenn Andrew Wilson System Dynamics of Carbon Capture and Storage	Abdullah Abdulrahman Aldhalaan	Kirthana Bhat
Joshua Edward Witkowski	Alyssa M. Alexander	Prianka Bhatia
Kwan Yee Queenie Wong	Amjad Alhumaidi	Ashwin Bhide
Xin Tong Wu	Ibrahim Saud I Alibrahim	Nur Izzat Aiman Bin Nur Aziz
Shan Xing	Tracy Joseph Allen, Jr. (See also M.C.P., Course XI)	Stephanie Alexandra Blair
Timothy Matlack Yarnall	Kaitlyn Nicole Alsop	Timothy Robert Blomfield
Yahia Zemoura	Jose Maria Amich	Naomi Paige Bolze
<u>Master of Business</u> <u>Administration</u> Course XV <i>Sloan School of Management</i>	Juan Pablo Armas Saenz	Mathieu Bourguignon
Mohamed Osman Abdalla	Alberto Arrighi	Sebastien William Boyer
Omar Abouzid	Julianna Rose Aucoin	Christian Pearl Bradley
Haben Yemane Abraha	Ibitola Ayodeji Ayorinde	Leighton Anne Braunstein
Alanoud Abulhamayel	Irina Denise Baek	Eugene M. Breaux III
Alexander Adekunle Adelabu (See also S.M., Course I)	Maria Teresita Baeza Soffia	Ellen Marie Bredenkoetter
Siddhant Agrawal (See also S.M., Course I) Digital Twin-Driven Supply Chain Enhancement to Support Direct-to- Consumer Growth	Saman Baghestani	Raul Manuel Briceno Brignole (See also M.C.P., Course XI)
	Taniya Bajaj	Alinna Anuzis Brown
	Brendan Barron	Nicholas Connor Brown
	Dhruv Bathla	Huong Thu Bui
	Samantha Michelle Bautista	

Kara Burns	Namit Paresh Choksi	Pablo De la Fuente Gonzalez
Brandon Charles Busuito	Eric Chow	Margarida Tello da Gama Leao Ponce de Sousa
Robin Cambridge Butler	Michael Christian	Marta Dern Simon
Yuqing Cang	Dawon Chung	Jeanne Camille Desriac
Daniel Jacob Capelin	Leo Francis Cohen	Tynan Bourne Dewes
Giuseppe Edoardo Capolino	Rebecca Lyn Cohen (See also S.M., Course I) Oil & Gas Regional Operations Electrification Estimation	Ignacio Diez de Rivera de Solis
Erica Irene Cappon	Austin Kristopher Cole (See also M.C.P., Course XI)	Jieqing Jaclyn Ding (February, 2024)
Diego Jose Carrasquillo Martinez	Domingo Jose Concha, Sr.	Sophia Isabel Diserio
Juan Felipe Castaño	Taylor Phelan Conley	Grace Klein Donahoe
Regina Ceballos Mondragon (See also S.M., Course VI) Improving Supply Chain Resiliency through Solar Panel Delivery Optimization	Juan Fernando Correa Nunez (See also S.M., Course II) A Data Driven Approach to Uncovering Energy Consumption Reduction Opportunities Within Industrial Operations	Brian Joseph Dougherty
Priya Sara-Elanjikal Chacko (See also S.M., Course II) Accelerating the Integration of Low-Volume, High-Mix Production Organizations	Giacomo Corti	Olivier Duler
Gracy Chen	Alec Ryan Creta (See also S.M., Course II) A Strategic Framework for Evaluating Next-Generation Technologies in Biocatalysis	Juan José Durán Londoño
Jackie Chen (See also S.M., Course VI) Clustering of Similar Incident Tickets Using Natural Language Processing	Christopher Laurence Crouch	Cameron Dashaun Easley
Mindi Man-Yee Chen	Juan José Daboub Silhy	Jack Zhou Easley (See also S.M., Course I) Engineering Strategy for Reshoring
Richard Polin Chen	Rupen Amritlal Dajee	Karen Obiageli Ejiofor
Shirin Chen	Rachel D'Apice Daniel	Dany El Kfoury
Stacey Chen	Gregory Alexander Davis (See also S.M., Course II) Semi-Automatic Nesting and Lean Problem Solving in a High-Mix Low- Volume Production Environment	Katherine Adams Elfers
Matthew Dominic Chew Ming Chang (See also S.M., Course XXII) Site Selection, Vendor Evaluation, and Deployment of Nuclear Microreactors in Remote Mining Operations	Amar Madhukar Dayal	Josefina Elsaca
Kundai Tadeous Chifamba	Rolando Amin de la Cruz Alvarez	Ezgi Emiroglu
Sungi Cho		Dashnamjil Enkhbayar
		Cristobal Errazuriz Bulnes
		Manuel Alejandro Esparragoza
		Austin Johannes Evers
		Cameron Lee Field
		Harrison Philip Florence

Leo Alexander Fondriest	Wendi Guraziu	Justin Enrique Hernandez
Branden Thaddeus Francis (See also S.M., Course II) Minimizing Total Delivered Cost of Stamped Assemblies Through Sourcing Optimization	Doğan Gürbeden	Toru Hirata
Danielle Erin Fregia	Soniya Gurung	Cameron Thomas Gerald Hoffman (See also S.M., Course I) Modeling System Efficiency in Mixed-Model Assembly Lines
Yi Minnie Fu	Juan Jose Guzman	Andrew Frederick Holden
Leah Paige Gaffney (See also S.M., Course VI) Extracting Coronary Lesion Information from Angiogram Reports for Patient Screening Applications	Ruben Guadalupe Guzman	Nicholas Jay Holmes (See also S.M., Course II) Scheduling in a High-Mix Low-Volume Job Shop
Luis Enrique Garcia Cordero	Evan Guang Haas (See also S.M., Course II) Optimization of Thermoplastic Composite Manufacturing with Digital Process Intelligence	Shinjiro Honda
Raghav Garg	Matthew A. Habel (See also S.M., Operations Research) An Analytical Framework for Planogram Portfolio Optimization	Elizabeth Enoch Hong
Olivia Juliet Gebhardt	Fardina Habib	Edward Hu
Itay David Geist	Jaylen Kirvath Hackett	Tianxing Hu
Abraham Gebreab Gerzeghier (See also S.M., Course II) An Environmental Impact Assessment of 3D Printed Medical Devices	Lucia Haito	Aoying Huang
Daniel Giambrone	Mary Alden Hancock	Danwei Huang
Tal Florence Gilad	Katie Louise Hango	Jia Xin Huang
Ingrid Glitz de Assis	Micheil Moanes Micheil Hanna Banoob	Steven Francis Hubbard, Jr. (See also S.M., Course VI) Empowering Delivery Service Partners: A Study on Leveraging Generative Artificial Intelligence and Text Clustering to Support External Partners
Jennifer Goncalves	Caeley Gaw Harihara (See also S.M., Course VI) Optimization and Rule-Based Models for Hospital Inventory Management	Clarissa Gaylord Hunnewell
Hugo Alberto González de la Fuente	Sarah Elizabeth Harmon	Rebecca Arthur Hutman
Hunter Reed Goodson	Alec Harold	Alexis Marie Iderman
Chad Anthony Gordon	Tess Edna Harper	Monica Isabel Idrovo
Hilary Belle Greenberg	Peter Richard Harris	Isabella Impelliziere Fernandes
Ismael Güereca Valdivia (See also S.M., Course X) Preemptive Variation Reduction in Biologic Drug Substance Manufacturing	Heidi Jill Hatteberg (See also S.M., Course II) Product SKU Analysis, Rationalization, and Optimization	Gabriella Maria Jennett
Santiago Guerrero Valderrama	Siran He	Brent Jiang
Yuzhi Guo	Mitchell Henstock	Irene Guo Jiang
		Pablo Jimenez Zapata

Jing Jin	Alvin Kusuma Kustedjo	Molly Rose Livingstone
Bryant Eugene Johnson	Nino Kvirikashvili	Evan Caldwell Long (See also S.M., Course II) Secrets of the Aluminati: Bottleneck Assessment within an Aluminum Rolling Mill
Dominique M. Johnson	Tolulope Abimbola Ladele	
Olivia Jane Jones	Trenton Lam	Ilia Lotov
Robert Paul Jones (See also Ph.D., Course X and S.M., Course X-A)	Shea Annelise Landeene	Thomas Tadashi Luly
Dayquan Antonio Julienne	Rachel Alyssa Lang	Andrew Lydon
Dennis Michael Kamara	Emily Patricia Larson	Luis Arnaldo Machado Roberty
Justin Michael Kan	Dana Quỳnh-Vân Lê	Hiba Rameen Mansoor
Gowri Kannan	Quoc Hung Le	Luna Maroun
Lipika Kapoor	Victor Leão Alvarenga de Medeiros	Luis Martín López
Alexa Brooke Katz	Jessica Ellen Lee (See also S.M., Course II) Leveraging Digital Tools and Analytics for Temperature Management in Cold Chain Systems for Gene Therapies	Anandha Matrakul
Jessica Kelemen	Konsang Lee	Andrew Luke Mazof
Katherine Elizabeth Kelly	Nelson Rafael Lee	Meghan Rose McAneny
Kieran Paul Kelly	Evan Daniel Lefkovitz	Khalid Marcellus McCaskill
Delaney Josephine Kerkhof	Alexys Nicole Leija	Elizabeth Grace McLarty
Maria Khim	Benjamin Daniel Lerman (See also S.M., Course II) Techno-Economic Analysis of Line Haul and Switcher Locomotive Propulsion by Diesel, Battery, and Hydrogen Fuel Cell Technologies	Brandon Patrick Meehan (See also S.M., Course II) US Green Hydrogen Production: Strategic Approaches to Enhancing Economic Viability and Market Development
Ping King	Gad Aaron Lewinsohn Israel	Rhea Mehta
Ian Alexander Kleinemolen (See also S.M., Course II) Inventory Optimization and Simulation Analysis for Supply Chain Disruption Events	Ruoqi Li	Mark Bryant Membreno (See also S.M., Course I) Price Elasticity of Air Travel Demand Using Econometric and Machine Learning to Scale Up Sustainable Aviation Fuels
Ryan Poe Kochert (See also S.M., Course VI) Process Digitalization: 3D Deep Learning in Manufacturing Applications	Benjamin John Likis	Ashley Leyong Meng
Nived Kuruvilla Kollanthara	Cheng Hui Lim	Maurício Menossi Neto
Devi Maharani Kosa	David Linstone	Abigail Ruth Meyer
Sara Talia Kramer	Sandy Jia Liu	Danaé Marine Miao
Neha Krishnamachary	Stacy Lily Liu	

Nicholas Dean Miller	Teodor Nicola Antoniu (See also S.M., Course VI) Enhancing Digital Customer Self-Service Efficiency through Recommendation Systems	Henry Archer Patton
Fabian Mohr (See also Ph.D., Course X)		Oyindamola Pedro
Santiago Molina	Kanyakorn Niyomsatian	Christina Michelle Peña
Valerie Alessandra Moreyra	Isabela Nogueira Reis	Mario Enrique Pena
Scott Morgan	Thomas Daniel Nowinski	Ryan Anthony Perkins
Justin William Morris	Obianuju Lilian Nsofor	Lisia Astari Pertiwi
Spencer Harry Victor Morris	James Patrick O'Brien	Ross Christie Phillips
Miranda Elizabeth Morton	Chizitere Obioha	Tomas Agustin Pichel
Parinaz Motamedy	Takuya Odagiri	Passachai Polanunt
Christopher Mui	Jiwoo Oh	Yanghan Qi (See also S.M., Course I) Building Inventory Simulations for High Velocity Garment Retail Stores
Rounak Mukhopadhyay	Donald Odira Okoye (See also S.M., Course VI) Evaluating New Business Opportunities for Interregional Transmission	Kelly Naiyao Qiu
Sophia Anna Mullineaux	Ololade Opeyemi Olaleye (See also S.M., Course VI) Machine Learning and Stochastic Simulation for Inventory Management	Jedidiah Thomas Hiss Quint
Blanca M. Murga (See also S.M., Course XVI) How Complexity Drives Long Lead Times: A Queueing Theory Space Industry Application	Maria Alejandra Olazabal Tamayo	Anthony Franklyn Ramirez
Daniel Talbott Murphy (See also S.M., Course XXII) Shutdown Dose Rate Modeling for Radiation Requirements Development and Design Trend Analysis in the ARC Fusion Device	Juliana Baratta Oliver	Beatriz Elena Ramirez
Mariama N'Diaye (See also M.C.P., Course XI)	Pablo Omenaca Muro	Shubhangi Rana
Nadine Naboulsi	Alexandra Caroline Orsky	Miriam Akushia Randolph-Akushie
Shunsuke Nakano	Ayodele Christian Owopetu	Surya Teja Raviillu
Misha Arun Nathani	Tomas Victor Pardiñas	Kunal Rayakar
Abhilasha Negi	Joon-Sung Park	Roy Reinhorn
Julie Elizabeth Newman	Aqil Pasha	Grant William Rice
Nathan Nam Nguyen	Harsh Patel	Blake Constantine Ridley
Tien Nguyen	Richa Patel	Peter Graves Hewitt Riley
	Alexandra Marie Patterson	Camila Rioseco Mercado
		Jacob Rizika
		Noah Wolfe Roberts

Matthew Cole Robins
(See also S.M., Operations Research)
Enhancing Middle-Mile Inventory
Management Policies Through
Simulation and Reinforcement Learning

Annika Lynn Roise

Andres Romero Pompa

Eduardo Rosario
(See also M.C.P., Course XI)

Sierra Nicole Rosenzweig
(See also S.M., Course I)
Greenhouse Gas Optimization Across
a Multi-Echelon Manufacturing and
Distribution Network

Charlotte Rachelle Ross

Pedro Vladimir Russell

Jean Ruwet

Mochammad Dimas Andra Saputra

Priyamvada Saraf

Minoru Sasaki

Yotaro Sasaki

Stefan John Sayre

Max Schotz

Kathryn Gabriella Sessa

Payton Jane Sessions

Mark Toshimitsu Ghun Cheung Seu

Stéphanie Emmanuelle Sévère
(See also S.M., Course I)
Creating the Warehouse of the Future

Karishma Sewaramani

Hehe Shen

Marina Shibutani

Nandika Shivayogi Angadi

Benjamin Joshua Shtuhl

Bryan Samuel Silverman

Miles Jordan Silverstein

Lucrecia M. Siman

Gabriel Siman Machon

Gaiane Simonian

Ignacio Siska Aguilar

Stephanie Birgitta Elisabet Sjoblom

Kaye Anderson Slamp

Skylar Wakelee Smith

Joanne So

Desi Soetanto

Ayabulela Solombela

Natcha Sophonpanich

Maria Agustina Azul Soriano Sergi

Jackson Murphy Spilka

Theodore Francis Squires

Max Alexander Sterling

Alexandra Marissa Sugarman

Mark David Sweet, Jr.
(See also S.M., Course II)
Breaking the Mold: Using Automated
Design to Accelerate Composites
Manufacturing

Criselda C. Low Tay Sy

Santiago Tagle Llamosas

Kyoko Takagi

Angelique Marie Aure Talmor

Suwapat Tasawat

Isabelle Tashima

Yaphet Tedla

Alain Teh Yaoyuen

Carlos Eduardo Teyseire

Sitanan Thampananon

Marie-Renee Thomas

Alexa Katherine Tarleton Thompson

Luke Gianni Tortora

Allison Chang Tsay
(See also S.M., Course XVI)
Framework for Enhancing
Decision-Making Capabilities in the
Decarbonization of the Airline Industry

Hoi Yee Jocelyn Tse

Nasan Tsengeg

Nana Tsuchiya

Tohori Tsuchiya

Abhinav Tyagarajan

Uapoom Uanarumit

Anton Ulyanov

Matias Umaschi

Nwakaego Uzoh
(See also M.C.P., Course XI)

Sajiree Vivek Vaidya
(See also S.M., Course I)
Data Roadmap for Last Mile
Sustainability

Timothy Thomas Valicenti

Ernst Hendrik van Biljon

Georgios Varelas

Carlos David Vela González
(See also S.M., Course I)
Resilient by Design: A Supply Chain
Digitalization Journey

Luis Carlos Velásquez Mansilla

Ana C. Vendemiatti Haddad
(See also S.M., Course II)
Optimizing Integrated Continuous
Biomanufacturing Throughput: Resource
Constraints and Process Scheduling

Adam Donald Vignaroli
(See also S.M., Course I)
Establishing Inventory Maturity in
a Make-To-Order Manufacturing
Environment

Bohdan Igorovych Volyanyuk

Hannah Jaffe Walter

Alice Wang

Sharon Shuo Chun Wang

Zachary Lynn Wang

Reimar Weißbach
Scaling Metal Additive Manufacturing
from R&D to Production

Daniel Thomas Willette
(See also S.M., Course I)
Paths to Achieving Scope 1 Carbon
Neutrality in Building Utilities

Kyle Maxwell Williams

W. Grant Windom

Olga Gabriela Wołowicz

Lili Wondwossen

Tong Wu

Haruka Yamashita

Yicheng Yan

Karen Ke Yang

Rong Yao
(See also S.M., Course I)
Delivery Estimate Accuracy:
Understanding and Reducing Virtual-
Physical Mismatches and Missorts in
Fulfillment Centers

Shuman Ye

Sabrina Yu-Ling Yen

Emily Mengyue Yu

Carlos Andres Zambrano

Biyang Zhang

Wenqing Zhang

Siyu Zhao

William Zheng

Quan Zhou

Magda Helena Zydzik

Master of Business Analytics
Course XV-N
Sloan School of Management

Austin Edward Ader
(September, 2023)

Dalal AlRamadhan
(September, 2023)

Qi An
(September, 2023)

Marco Antonioli
(September, 2023)

Claudia Arrese Mata
(September, 2023)

Dafne Francisca Badilla Santana
(September, 2023)

Moritz Bartusch
(September, 2023)

Amjed Belkhiri
(September, 2023)

Zachary Andrew Bell
(September, 2023)

Mohammed Ali Benchekroun
(September, 2023)

Alexandre Berkovic
(September, 2023)

Guillaume Bonheure
(September, 2023)

Shurui Cao
(September, 2023)

Abhramil Chakrabarti
(September, 2023)

Vassili Nicolas Chesterkine
(September, 2023)

Daniel Jaehoon Chung
(September, 2023)

Oscar Courbit
(September, 2023)

Cameron Cuba
(September, 2023)

Maiwenn Danno
(September, 2023)

Bibhabasu Das
(September, 2023)

Estella Maria Dentinger
(September, 2023)

Rui Qing Duan
(September, 2023)

Patrik Đurđević
(September, 2023)

Gavin Lachlan Luke Findlay
(September, 2023)

Nikolaos Galanos
(September, 2023)

Júlia Gimbernat Mayol
(September, 2023)

Shuyi Guan
(September, 2023)

Shuyu Guo
(September, 2023)

Shreya Gupta
(September, 2023)

Xinyao Han
(September, 2023)

Yicong Han
(September, 2023)

Muhammad Ahmad Hussain
(September, 2023)

Sayyed Muhammad Ahsan Imran
(September, 2023)

Arushi Jain
(September, 2023)

Rachit Jain
(September, 2023)

Megi Jaupi
(September, 2023)

Jiarui Jiang
(September, 2023)

Michał Ryszard Laskowski
(September, 2023)

Duanchen Liu
(September, 2023)

Shannan Shao-Nan Liu
(September, 2023)

Yifei Long
(September, 2023)

Joseph Young Lu
(September, 2023)

Ryan Declan Lucas
(September, 2023)

Yanzhe Ma
(September, 2023)

Evan Scott Marrone
(September, 2023)

Brittany Huong-Giang Nguyen
(September, 2023)

Rodrigo Olivares Lopez
(September, 2023)

Maxwell Vincent Petruzzi
(September, 2023)

Paula F. Pieper
(September, 2023)

Julien Pinede
(September, 2023)

Victor Timothee Radermecker
(September, 2023)

Mattia Ravasio
(September, 2023)

Srikanth K. Reddy
(September, 2023)

Jan Reig Torra, Jr.
(September, 2023)

Jiaoying Ren
(September, 2023)

Roland Rocafort Fernandez
(September, 2023)

Paul Christoph Roeseler
(September, 2023)

Ayush Sanjay Shukla
(September, 2023)

Nikita Singh
(September, 2023)

Bolin Song
(September, 2023)

Shiyin Tan
(September, 2023)

Phakjira Tanaboriboon
(September, 2023)

Reid Taylor
(September, 2023)

Paul Theron
(September, 2023)

Hermine Tranie
(September, 2023)

Anant Vashistha
(September, 2023)

Qinwen Wang
(September, 2023)

Zachary Wayne
(September, 2023)

Thomas Gudjon Wright
(September, 2023)

Xiaoyu Wu
(September, 2023)

Prarabdha Ojwaswee Yonzon
(September, 2023)

Yen Hann Yoo
(September, 2023)

Andrea Zanon
(September, 2023)

Hamza Zerhouni
(September, 2023)

Shengwei Zhang
(September, 2023)

Xinran Zhang
(September, 2023)

Zehao Zhao
(February, 2024)

Bingyu Zhou
(September, 2023)

Master of Finance
Course XV-F
Sloan School of Management

Pranay Agrawal
(February, 2024)

Rocco Arcieri
(September, 2023)

Borys Babiak
(February, 2024)

Tanmay Bagree
(February, 2024)

Arjun Banerjee
(February, 2024)

Elena Baroni
(February, 2024)

Olivier Baverez

Arsh Bawa
(February, 2024)

Sacha Binisti
(February, 2024)

Thomas Samuel Britten
(February, 2024)

Daryl John Burton
(February, 2024)

Wenxin Cai
(February, 2024)

Yixiao Cao
(February, 2024)

Shivani Chaudhary

Tingyu Chen
(February, 2024)

Paul Richard Cleary
(February, 2024)

Pietro Thomas Alexandre Cren

Cameron Dahan

Harshaan Dargan
(February, 2024)

Federico De Rosa
(February, 2024)

Dimitri de Witt
(February, 2024)

Marcus Anthony Dennis

Tyson Amar Dennis-Sharma
(February, 2024)
Forecasting Equity Volatility Dynamics
with Markov-Switching EGARCH
Models

Gabriel Deo
(February, 2024)

Edoardo Errani

Jingwen Fang
(February, 2024)

Xiying Feng

Simon Herman R Folens
(February, 2024)

Camiel Fortass

Jacob Sortland Fougner
(February, 2024)

Kristoffer Foxman

Eric Frederik Frey
(February, 2024)

Yunfan Gong
(February, 2024)

Jóhann Vignir Guðmundsson

Amaury Guillou

Georges Haidar
(February, 2024)

Guil Hayoun

Jean-Philippe Baptiste Bruno Hicke
(February, 2024)

Ruosi Hu
(February, 2024)

Shiyue Huang
(February, 2024)

Yun-Shu Huang

Yunjia Huang
(February, 2024)

Da Huo
(February, 2024)
Efficient Estimation of Stochastic
Parameters: A GLS Approach

Xingyao Jiang
(February, 2024)

Xinyue Jiang
(February, 2024)

Arnav Karan
(February, 2024)

Hugh Patrick Kelly Bowen

Andy Koh

Dimitrios Konstantellos

Sergey Korsunov

Jérémie Lecoutre

Chen Li
(February, 2024)

Jiaxin Li
(February, 2024)

Yunda Li
(February, 2024)

Chen Han Lin
(February, 2024)

Junlin Liu
(February, 2024)

Peng Liu
(February, 2024)

Tongxu Liu
(February, 2024)

Xiwen Liu
(February, 2024)

Jerry Lu
(February, 2024)

Houzhui Luo
(February, 2024)

Tristan Bernard Gabriel Magnin
(February, 2024)

George Goodwin Masterson
(February, 2024)

Melodie Melard
(February, 2024)

Ismail Mouelhi

Mads Bogen Øye

Ilona Pecqueur
(February, 2024)

Guochen Qiu
(February, 2024)

Jinghan Qiu
(February, 2024)

Tanya Ratra
(February, 2024)

Adalberto Rinaldi
(February, 2024)

Alexis Manuel Rizo López
(February, 2024)

Rohan Sharma
(February, 2024)

Ruizhe Shi
(February, 2024)

Maud Soerlie
(February, 2024)

Anders Chrastek Steiness

Nicolas E. Suter

Paul Svidrun

Naohiro Takeoka

Qingyi Teng
(February, 2024)

Yao Tong
(February, 2024)

Pietro Toso

Ka Yi Tsoi
(February, 2024)

Sarthak Tyagi
(February, 2024)

Maxime Urban

Supravee Veerapala
(February, 2024)

Henrik Hermansen Veiberg

Zimo Wan
(February, 2024)

Hanting Wang
(February, 2024)

Leiyuan Wang
(February, 2024)

Mian Wang
(February, 2024)

Qianqian Wang
(February, 2024)

Yifan Wang
(February, 2024)

Yijia Wang
(February, 2024)

Zelin Wang
(February, 2024)

Quan Wen
(February, 2024)

Tao Wen

Xuanrui Wu
(February, 2024)

Yixin Wu
(February, 2024)

Ming Xian
(February, 2024)

Xin Xiang
(February, 2024)

Xinyan Xie
(February, 2024)

Jingyu Xu
(February, 2024)

Yilei Xu
(February, 2024)

Zhehan Xu
(February, 2024)

Chengfei Yan
(February, 2024)

Jinchen Yang
(February, 2024)

Yihan Yang
(February, 2024)

Zhiheng Yang
(February, 2024)

Ziyue Yang
(February, 2024)

Siyang Yu
(February, 2024)

Yue Yu
(February, 2024)

Zekai Yu
(February, 2024)

Bin Yu Yuan
(February, 2024)

Xizi Yuan
(February, 2024)

Yichen Zhan
(February, 2024)

Hanqi Zhang
(February, 2024)

Jinyuan Zhang
(February, 2024)

Qianhan Zhang

Qinyun Zhang
(February, 2024)

Ruixi Zhang
(February, 2024)

Ruojia Zhang
(February, 2024)

Xinyi Zhang
(February, 2024)

Yige Zhang
(February, 2024)

Tianchen Zhao
(February, 2024)

Xinran Zheng
(February, 2024)

Yaxuan Zheng
(February, 2024)

He Zhu
(February, 2024)

**Master of Science in
Management Studies**

Course XV-S

Sloan School of Management

Maxime Alain Allouch
No Time to Train? Lessons from CEO-Athletes

Taieb Bennani
Advancing Healthcare with Generative AI: A Multifaceted Approach to Reliable Medical Information and Innovation

Qiwei Chen
From Private to Public: Why Do Alternative Asset Managers Go Public?

Aïda Sadio Diallo
Financial Inclusion in Sub-Saharan Africa: A Multidimensional Index

Wenzhe Dong
Strategic Transformation Trends within Automobile Supply Chains in the Post-Pandemic Era

Apolline Dupont
Reimagining the Impact of Large Financial Deals Towards a Holistic Evaluation of Economic and Societal Consequences: The Case Study of Veolia Suez

Gaspard Alain Frank Ginolhac
Performance of The Private Equity Industry During Depressed Macroeconomic Conditions

Jorge Grima Sumarroca
Investment Thesis and Valuation of Soccer Clubs

Weizong Han
Private Equity Secondaries: A Comparative Analysis on the US and Chinese Markets

Eric Robert Haywood
Strategy for an Agricultural Workforce Platform Enabled by AI

Aliki Lavda
Exploring the Intersection of Management Practices and Bottom of the Pyramid Economics in Developing Countries

Zixuan Li
Investigating Generative AI Use for Academic Work among College Students: Potential Impact and Policy Implications

Anna Louise Elisabeth Mathy
From Prohibition to International Recognition: Key Factors Driving the Development of California as a Premier Wine Region

Enrique Marcos Müller Imbern
Market Making & Liquidity Provision in Developing Economies

Matthieu Arnaud Georges Jacques Perrin
Enhancing Competitive Rebalancing in Sports Through Social Investment

Richard Victor Rémy David Robinet-Duffo
How Can Brands Try to Influence Social Norms?

Francisco Guevarra Roman
Bridging Digital Transformation Gaps in Southeast Asia

Fotios Sarantopoulos
Decarbonizing the Shipping Industry through Innovative Technologies, Artificial Intelligence and New Regulations

Ting Shen
Innovation and Strategy in the Food Industry: Trends, Challenges, and Implications for New Entrants

Matteo Spiller
Unearthing Regulatory Influences on Climate Risk Adaptation: Exploring Asset Stranding and Regulatory Shortcomings in the US Housing Market

Yosuke Tamura
How Can We Promote Impact/ESG Investing by Stimulating Altruistic Behavior?

Thierry Francis Marie Pierre Vanparys
(February, 2024)
How Actors and Groups in the Family Business System Influence Innovation in the Family Business: An Analytical Framework

Wei Wang
The Study of ESG Strategies on the Development and Financial Performance of Traditional Energy Enterprises Using System Dynamics - A Case Study on One Oil and Gas Company

Jing Yang
Beyond Evergrande: Rethinking Real Estate Market in China and the USA for Long Term Growth and Sustainability

Kai Liang Yeo
Open Innovation in Alternative Protein: A Review

Chen Zhang
Experience and Business Woes of a Major Chinese State-Owned International Engineering Company in Venezuela

Rui Zhu
Hong Kong's Transformative Journey Under 'One Country, Two Systems': Processes, Trends and Reflections at the Midpoint

Yangluyao Zou
Digital Mental Health in the Corporate Sphere: Evaluating Trends, Tools, and Impacts on Organizational Dynamics

**Master of Science in
Management of Technology**
Course XV-A
Sloan School of Management

Evy Wei Chen
Retail Media Networks as Ad Revenue
Model for CPG Brands

Johannes Galatsanos-Dueck
Re-Imagining Drug Discovery with
Quantum Computing: A Framework
and Critical Benchmark Analysis
for Achieving Quantum Economic
Advantage

**Master of Science in
Management Research**
Course XV
Sloan School of Management

Charles Edwin Downing
(February, 2024)
The Determinants of Voluntary Carbon
Emissions Targets

Yuxin Han
Impact of Litigation Financing
Disclosures on Patent Litigation

Sunghyo Kim
Box Jumping: Portfolio Recompositions
to Achieve Higher Morningstar Ratings

Jiageng Liu
Measuring Human Capital Investment
on the Job

Jose Luis Lopez
(September, 2023)
Opportunities for System Dynamics
Research in Operations Management for
Public Policy

Cameron Charles Martel
(September, 2023)
Are Fact-Checks Effective Even for Those
Who Distrust Fact-Checkers?

Reed Isaac Orchinik
Uncommon Errors: Adaptive Intuitions
in High-Quality Media Environments
Increase Susceptibility to Misinformation

Karen MacKenzie Scott
(September, 2023)
Workforce Practices & Organizational
Performance in Nursing Homes:
Implications for Resident Health and
COVID-19 Containment

Jaeyun Song
Online Mingling: Supporting Ad
Hoc, Private Conversations at Virtual
Conferences

Di Tong
Beyond Wages and Employment: Do
Minimum Wages Affect Management
Practices?

Bradley R. Turner
(September, 2023)
The Storytelling Entrepreneur Has No
Clothes: Rewards and Risks of Narrative
Pitching

Yuting Wang
(February, 2024)
Does Investors' Belief on Other Investors'
Information Acquisition Affect Trading
and Price?

Cindy Zhang
Climate Change and Municipal Bond
Ratings

Victoria Yiluan Zhang
Organizational Culture, Class Values, and
Subordination at Work

**Master of Science in Operations
Research**
*Sloan School of Management in
conjunction with the Schwarzman
College of Computing*

Matthew A. Habel
(See also M.B.A., Course XV)
An Analytical Framework for Planogram
Portfolio Optimization

Qingxuan Jiang
(February, 2024)
Choice Modeling and Assortment
Optimization on the Transformer Model

Thomas David Kyle
Analytics for Healthcare Operations:
Machine Learning to Improve Emergency
Department Patient Flow

Brenton Alexander Pieper
Security Assessment of Autonomous
Networked Systems: A Multi-Agent
Reinforcement Learning Approach

Arnaud Robin
(February, 2024)
Robust Inventory Induction under
Demand Uncertainty

Matthew Cole Robins
(See also M.B.A., Course XV)
Enhancing Middle-Mile Inventory
Management Policies Through
Simulation and Reinforcement Learning

SCHOOL OF SCIENCE

Master of Science in Chemistry

Course V

Department of Chemistry

So Yee Cheung

(February, 2024)

Database and Application Programming
Interface Development for Rotational
Spectroscopy

Alexander Thienquang Duong

Investigating Cofactor Transfer for a B12-
Dependent Enzyme

Khrystofor Khokhlov

(September, 2023)

Expanding the Structural Diversity of
Discrete Polymers Accessible Through
Iterative Exponential Growth

Nichakan Khuichad

Site-Selective Anion Exchange in a
Palladophosphorane

Brittany Nicole Linn

Synthesis of Isotopically Labeled Fe and
S-alkylated Iron-Sulfur Clusters

Master of Science in Biology

Course VII

Department of Biology

Claire Chen Luo

Nucleolus Activity-Dependent
Recruitment and Biomolecular
Condensation by pH Sensing

Master of Science in Physics

Course VIII

Department of Physics

Jixiang Yang

Photocurrent Spectroscopy Study of
Graphene / Hexagonal Boron Nitride
Moiré Superlattice in the Far-Infrared
Regime

Master of Engineering in Computation and Cognition

Course VI-9

*Department of Brain and Cognitive
Sciences in conjunction with the
Schwarzman College of Computing*

Mona Magdy Abdelrahman

(February, 2024)

Detecting Human Memory Processes via
Bio-Signals

Samuel T. Acquaviva

Human-Like Program Induction with
Natural Language

Brian A. Bailey

It's About Time

Annalisa J. Broski

(February, 2024)

Comparing Developmental Trajectories
of Loophole Behavior in Autistic and
Neurotypical Children

Jesus Crespo

(September, 2023)

Any Order Recurrent Neural Network
Grammars

Theodor Cucu

Developing a Psychometric Tool to
Measure the Emotional Impact of Visual
Content

Emelie A. Eldracher, PLY

Inclusive Mobile AI Rowing Coach from
Pose Estimation

Marie Diane Fadel

Methods for Extracting and Analyzing
Political Content on TikTok

Ariel S. Fuchs

An Exploration of Developmental
Change in Ego-Motion Experience in
Infancy

Stephanie Pui-kay Howe

A Multi-Omic Analysis of
Neurodegeneration in Alzheimer's
Disease and Related Dementias

Emily Huang

(February, 2024)

Investigating Neuronal Cell Classes and
Their Role in Cognition

Andrew W. Jenkins

(See also S.B., Course VI-9)

Learning Sim-to-Real Robot Parkour
from RGB Images

Faduma B. Khalif

(February, 2024)

Creating a Conformal Framework for
Disease Identification in the Context of
Sleep Disorders

Jiachen Elizabeth Lee

Characterizing the Hippocampal Cortex
During Language Processing

Elian Malkin

Minimally Invasive Magneto-Mechanical
and Magneto-Genetic Neuromodulation

Sofia M. Marquez Gomez

(February, 2024)

Evaluating Data Augmentation with
Attention Masks for Context Aware
Transformations

Kinan Remy Martin

Phonetic Reduction and Contextual
Predictability

Ilan Mitnikov

Geometric Deep Learning for
Biomolecules

Keith Thomas Murray

(February, 2024)

To Attract or to Oscillate: Validating
Dynamics with Behavior

Thomas Tien Ngo

(February, 2024)

Application of Multi-Objective Genetic
Optimization in PCB Component
Placement

Nikasha G. Patel

(February, 2024)

Baby Gym: Bridging the Gap between
Reinforcement Learning and Human
Infant Locomotor Development

Anita Podrug
Targeted Memory Reactivation

Yuting Qin
(See also S.B., Course VI-9)
Understanding and Improving
Approximate Nearest Neighbor (ANN)
Search for Billion-scale Vector Databases

Varsha Sandadi
Evaluating Fairness of Artificial
Intelligence Models for Radiology Image
Classification

Kaitlin W. Zareno
Sharpness-Aware Minimization (SAM)
Improves Classification Accuracy of
Bacterial Raman Spectral Data Enabling
Portable Diagnostics

**Master of Science in Earth and
Planetary Sciences**

Course XII
*Department of Earth, Atmospheric,
and Planetary Sciences*

Vittorio Colicci IV
The Influence of Root Geometry on Soil
Cohesion and Anchoring Ability through
Geologic Time

Neosha G. Narayanan
(September, 2023)
Modeling Subglacial Hydrology in the
Himalayas

Lucy A. Sandoe
(February, 2024)
Deciphering Hydrological Responses:
Elastic and Poroelastic Behavior through
GPS Temporal Analysis

Vanessa Sun
Investigating Tropospheric Hydrogen
Peroxide Trends from 1950-2014

AWARDED JOINTLY WITH THE WOODS HOLE OCEANOGRAPHIC INSTITUTION

Master of Science in Civil and Environmental Engineering

Autumn Rose Deitrick

Course I
(September, 2023)
Sediment Erosion and Deposition Within Mangrove Forests

Master of Science in Mechanical Engineering

Cameron Jordan Davis

Course II
(September, 2023)
Acoustic Minimization of Ocean Twilight Zone Vehicle, MESOBOT

Matthew Alfredo Flores

Course II
(September, 2023)
Remote Sensing of Ice Dynamics in the Beaufort Sea

Chase Redd Pixa

Course II
(September, 2023)
Tracking Sargassum in the Caribbean: The Design, Deployment, and Validation of a Low-Cost Surface Drifter

Master of Science in Electrical Engineering and Computer Science

Mark Harry Goldwater

Course VI
(February, 2024)
Automatic Baleen Whale Detection and 2D Localization Using a Network of Unsynchronized Passive Acoustic Sensors

Master of Science in Chemical Oceanography

Erica Lauren Herrera

Course XII
(February, 2024)
Inferences on the Influences of Age & Porosity on Oxidative Weathering of Massive Sulfides at the Endeavour Segment of the Juan de Fuca Ridge

Isabel Vicenta Schaal

Course XII
(February, 2024)
Trace Metal Dynamics in Arctic Lagoon

Master of Science in Physical Oceanography

Helena R. Cheslack

Course XII
(September, 2023)
Diel Vertical Migration and Frontal Variability of Acoustic Backscatter in the Balearic Sea

Lucas Anthony Herron

Course XII
(September, 2023)
Applying Statistical Analysis and Machine Learning to Improve the Ice Sensing Algorithm

Oaklin Rhodes Keefe

Course XII
(February, 2024)
Energetics and Similarity Theory in the Wave-Affected Atmospheric Boundary Layer

Michael Tyler Zimmerman

Course XII
(September, 2023)
Observations of the Upper Ocean from Autonomous Platforms during the Passage of Extratropical Cyclone Epsilon (2020)

SCHOOL OF ARCHITECTURE AND PLANNING, DOCTORAL

Doctor of Philosophy

School of Architecture and Planning

Chelsea Marie Barabas

(September, 2023)

Thesis in the field of Media Arts and Sciences: Uninventing Carceral Technology: Four Experiments in Imagining the World More Rigorously

Zachary Michael Berzolla

Thesis in the field of Architecture: Building Technology submitted to the Department of Architecture: Modeling Technology Pathways and Retrofit Adoption to Achieve City-Wide Building Emissions Reduction Goals

Huili Chen

(September, 2023)

Thesis in the field of Media Arts and Sciences: Robots as Social Catalysts: A Multidisciplinary Framework for Designing Embodied Social Agents that Foster Long-Term Human Collaboration and Connection

Kyung Yun Choi

Thesis in the field of Media Arts and Sciences: Tangible Telepresence: Distributed and Synchronous Tangible Interfaces for Enhancing Interpersonal Connectedness Over Time and Space

Aleksandra Olegovna Durova

(September, 2023)

Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Navigating Climate and Urban Change: Development Patterns, Conflicts, and Equity in a Sub-Arctic and Post-Socialist City

Chantal El Hayek

(September, 2023)

Thesis in the field of Architecture: History and Theory of Architecture submitted to the Department of Architecture: The Société Française des Urbanistes and the Invention of Urbanism

Keeley Donovan Erhardt

Thesis in the field of Media Arts and Sciences: Hidden Influence in Dynamic Networks

Demi Lin Fang

(See also S.M., Comp. Sci. & Eng)

Thesis in the field of Architecture: Building Technology submitted to the Department of Architecture: System-Level Design of Low-Carbon Structures

Don D. Haddad

(September, 2023)

Thesis in the field of Media Arts and Sciences: Responsive Space Environments: New Paradigms in Blending Virtual and Physical Exploration through Human-Robot Operations

Carmelo Ignaccolo

Thesis in the field of Urban Planning, Design, and Technology submitted to the Department of Urban Studies and Planning: Behind the Waterfront: Enduring Inequities and Illusive Renewals in the Making of Mediterranean Port Cities

Aarathi Janakiraman

Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Repurposing Colonialism: Postcoloniality and the Politics of World Heritage

Kevin Lujan Lee

(September, 2023)

Thesis in the field of Urban Planning and Politics submitted to the Department of Urban Studies and Planning: Three Essays on Indigenous Politics: Methodology, Culture, Panethnicity

Isabella Loaiza Saa

(September, 2023)

Thesis in the field of Media Arts and Sciences: Empowering Career Crafting in the Future of Work: With Data-Driven Tools

Ayan Hassan Meer

(September, 2023)

Thesis in the field of Political Economy submitted to the Department of Urban Studies and Planning: Migrant Capitalism: Emigration, Remittances, and Urbanization in Punjab

Benjamin Joshua Preis

(September, 2023)

Thesis in the field of Urban Science and Policy submitted to the Department of Urban Studies and Planning: Three Essays on Rental Housing Markets in the United States

David Bradford Ramsay

(September, 2023)

Thesis in the field of Media Arts and Sciences: Designing for Deep Engagement

Pedro N. Reynolds-Cuellar

Thesis in the field of Media Arts and Sciences: Contesting Design: Ancestral Technology as Portal to Post-Design(s)

Sebastian Sandoval Olascoaga

(September, 2023)

Thesis in the field of Urban Economics and Policy submitted to the Department of Urban Studies and Planning: Housing Dynamics in the Face of Shocks

Tony Shu

Thesis in the field of Media Arts and Sciences: A Bone-Anchored Mechanoneural Knee Prosthesis to Enhance Control and Embodiment

Sol Andrew Stokols

Thesis in the field of Political Economy of Urban Development submitted to the Department of Urban Studies and Planning: Building Digital Cities and Digital Nations: Singapore, Thailand, China

Praneeth Vepakomma

(February, 2024)

Thesis in the field of Media Arts and Sciences: Connecting Silos with Distributed and Private Computation

Nikolaos Vlavianos

(September, 2023)

Thesis in the field of Architecture: Design and Computation submitted to the Department of Architecture: Measuring the Psychological and Physiological Responses of Humans Experiencing Sacred Architectural Space in XR: A Case Study at the Monastery of Simonos Petra

Anna Jean Waldman-Brown

(September, 2023)

Thesis in the field of Industrial Geography and Political Economy submitted to the Department of Urban Studies and Planning: Robots and Humans in the Loop: Revitalizing Industrial Ecosystems

Binzhe Wang

Thesis in the field of Urban and Regional Economics submitted to the Department of Urban Studies and Planning: The Value of Urban Amenities: Analyzing the Changing Dynamics of Consumer Goods, Mobility, and Green Spaces in Cities

Zeguan Wang

Thesis in the field of Media Arts and Sciences: Imaging the Voltage of Neurons Distributed Across Entire Brains of Larval Zebrafish

Randi C. Williams

(February, 2024)

Thesis in the field of Media Arts and Sciences: Impact.AI: Democratizing AI through K-12 Artificial Intelligence Education

Elizabeth Reed Yarina

(February, 2024)

Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Modeling the Mekong: Adaptation and Representation in Vietnam's Mekong Delta

Seong Ho Yeon

Thesis in the field of Media Arts and Sciences: Enhancing Muscle Sensing Modalities for Advanced Bionics

SCHWARZMAN COLLEGE OF COMPUTING, DOCTORAL

Doctor of Philosophy

Schwarzman College of Computing

Cate Elizabeth Heine

(February, 2024)

Thesis in the field of Social and Engineering Systems submitted to the Institute for Data, Systems, and Society: Leveraging Geospatial Data to Understand Social Mixing in Cities

Hussein Mozannar

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: Making Better Decisions with Human-AI Teams

Manon Revel

(September, 2023)

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: Diversity and Expertise in Representative Governance

Amir Tohidi Kalorazi

(September, 2023)

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: Exploring Behavioral Patterns: A Multidisciplinary Investigation of Habit Formation and Political Persuasion with Statistical Analysis

Erin Elizabeth Walk

Thesis in the field of Social and Engineering Systems submitted to the Institute for Data, Systems, and Society: Leveraging Cross-Platform Social Media Data to Study Conflict and Polarization

SCHOOL OF ENGINEERING, DOCTORAL

Doctor of Science

School of Engineering

Eunsoo Cho

Thesis in the field of Materials Science and Engineering: Cation Site Occupancy and Defect Engineering in Perovskite Heterostructures

Richard Tochi Ibekwe

Thesis in the field of Nuclear Science and Engineering: Characterizing and Using Defects in High-Temperature Superconductor Cables and Magnets

Shyam Sivasathya Narayanan

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Cluster Analysis in High Dimensions: Robustness, Privacy, and Beyond

Doctor of Philosophy

School of Engineering

Jacob Lazer Adams

Thesis in the field of Nuclear Science and Engineering: The Acoustic Expander

Patrick John Adrian

(February, 2024)

Thesis in the field of Nuclear Science and Engineering: Studying Particle and Energy Transport using Nuclear and X-ray Diagnostics for Discovery Science and Inertial Confinement Fusion

Shyan Shaer Akmal

Thesis in the field of Electrical Engineering and Computer Science: Parameterized Relaxations for Circuits and Graphs

Miguel Angel Alcantar

(September, 2023)

Thesis in the field of Biological Engineering: Synthetic Biology Platforms for Engineering Gene Regulation Networks

Mohamed Ibrahim AlHajri

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Constrained Information Exchange Message Passing Algorithm in Probabilistic Graphical Models

Matthew Frederick Allan

(September, 2023)

Thesis in the field of Computational and Systems Biology: Investigating and Reprogramming RNA Folding with Molecular Probes

Aljumana Almahmoud

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Enhancing Online Collaborative Learning: Designs for Effective In-Situ Discussion and Engagement in Large-Scale Learning Environments

Abdullah Omar M Alomar

(February, 2024)

Thesis in the field of Electrical Engineering and Computer Science: Simulating Dynamical Systems from Data

Han R. Altae-Tran

(September, 2023)

Thesis in the field of Biological Engineering: Data Driven Discovery of Modular Biological Systems

Aya Galal Mahdy ElSayed Amer

(February, 2024)

Thesis in the field of Electrical Engineering and Computer Science: Analog Mixed Signal Circuits Design with Emerging Technologies for AI and Edge Computing: From New Devices to New System Architectures

Sarah An-ning Antilla

(September, 2023)

Thesis in the field of Polymers and Soft Matter submitted to the Department of Materials Science and Engineering: Improving Cardiac Delivery of Antisense Oligonucleotides with Peptidomimetic Targeting Agents

Pasquale Antonante

(February, 2024)

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Reliable Robotic Perception: From Outlier-Robust Estimation to Task-Aware Runtime Monitoring

Jon Arizti Sanz

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: From Sample to Answer: Innovations in Sample Processing and CRISPR-Based Diagnostics for Enhanced Clinical Translation and Field Deployment

Olivia Jane Arnold

Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Therapeutic Applications of DNA Origami-Based Programmable Nanoparticles

Venkat Arun

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Verifying the Performance of Network Control Algorithms

Eric Hamilton Atkinson

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: A Language and Logic for Programming and Reasoning with Partial Observability

Sarah Halina Mindel Av-Ron

(September, 2023)

Thesis in the field of Materials Science and Engineering: Design, Development, and Study of New High-Throughput Biodegradation Test for Polymers

Tunahan Aytas

(February, 2024)

Thesis in the field of Materials Science and Engineering: Kinetics of the Cementitious Systems with the Incorporation of Unreactive Industrial Byproducts and Waste Materials

Arjun Varman Balasingam

(February, 2024)
Thesis in the field of Electrical Engineering and Computer Science: Application-Aware Scheduling Architectures for Mobile Systems

Sai Praveen Bangaru

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Algorithms & Systems for Differentiable Graphics Programming

K'yal Rasean Bannister

Thesis in the field of Chemical Engineering: Novel Pathway Design for Biopolymer Building Block Production

Rachel Frances Bellisle

Thesis in the field of Health Sciences and Technology: Medical Engineering and Bioastronautics submitted to the Harvard-MIT Program in Health Sciences and Technology: A Wearable Countermeasure for Musculoskeletal Deconditioning in Human Spaceflight

Adam Garrett Berger

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Systematic Engineering of Controlled, Localized Oligonucleotide Delivery Systems for Wound Angiogenesis

Liane Sarah Béland Bernstein

(February, 2024)
Thesis in the field of Electrical Engineering and Computer Science: Large-Scale Optical Hardware for Neural Network Inference Acceleration

Sachin Haresh Bhagchandani

(September, 2023)
Thesis in the field of Chemical Engineering: Engineering Kinetics of Immunotherapies and Vaccines

Karan Bhuwalka

Thesis in the field of Mechanical Engineering: Modeling Sustainable Mineral Supply Pathways to Meet Clean Energy Demand

Haixin Bi

(February, 2024)
Thesis in the field of Computational and Systems Biology: Investigating the Longitudinal Dynamics of the Human Gut Microbiome and Immune System

Rachel Sophia Bielajew

(February, 2024)
Thesis in the field of Nuclear Science and Engineering: Understanding the Nature of Fluctuations in the Edge of I-Mode and L-Mode Plasmas at ASDEX Upgrade

Enric Boix

Thesis in the field of Electrical Engineering and Computer Science: On Several Mathematical Characterizations of Deep Learning

Serena Lynn Booth

(February, 2024)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Building Blocks for Human-AI Alignment: Specify, Inspect, Model, and Revise

Meshkat Botshekan

(February, 2024)
Thesis in the field of Civil and Environmental Engineering: Unveiling Roadway Network Safety: Application of Statistical Physics to Crowdsourced Velocity Data

Laura Eileen Brandt

Thesis in the field of Electrical Engineering and Computer Science: Human-Inspired Methods for Extending Advances in Computer Vision to Data- and Compute-Constrained Environments

Simone Bruno

(February, 2024)
Thesis in the field of Mechanical Engineering: Unveiling Epigenetic Cell Memory Mechanisms: A Comprehensive Investigation

Nicole Alejandra Bustos

(February, 2024)
Thesis in the field of Mechanical Engineering: An Investigation of the Role of Mucin Gels in Disease Progression and Transmission

Han Cai

Thesis in the field of Electrical Engineering and Computer Science: Model Acceleration for Efficient Deep Learning Computing

Richard Benjamin Canty

(February, 2024)
(See also S.M., Course X-A)
Thesis in the field of Chemical Engineering: Autonomous Experimentation for Molecular Discovery Applications

Nicholas S. Caros

(September, 2023)
Thesis in the field of Transportation submitted to the Department of Civil and Environmental Engineering: Preparing Urban Mobility for the Future of Work: Impacts and Adaptation

Lauren A. Chai

Thesis in the field of Mechanical Engineering: High Speed Acoustophoresis for Multiphase Micron-Sized Particle Assembly

Lucy R. Chai

(September, 2023)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Controlling Image Synthesis with Emergent and Designed Priors

Manwei Chan

(February, 2024)
Thesis in the field of Aeronautics and Astronautics: Toward Real-Time Earth Observation with Satellite Constellation Crosslinks and Propulsion

Florian Chavagnat

Thesis in the field of Nuclear Science and Engineering: High-Resolution Experimental Measurements and Mechanistic Modelling of Saturated Cryogenic Pool Boiling Heat Transfer

Kevin Chia-Lun Chen

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Protocols and Devices for Scalable Spin-Photon Quantum Networks

Rujian Chen

(September, 2023)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Approximate Bayesian Modeling with Embedded Gaussian Processes

Sijie Chen

(September, 2023)
Thesis in the field of Mechanical Engineering and Statistics submitted to the Department of Mechanical Engineering: Novel High-Throughput Technologies for Applications in Microbiology

Tao Chen

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Advancing Dexterous Manipulation via Machine Learning

Xi Chen

(February, 2024)
Thesis in the field of Materials Science and Engineering: Characterize Thermal Vibrations at Atomic-Scale with Electron Microscopy

Christopher Ho-Yen Chin

Thesis in the field of Air Transportation Systems submitted to the Department of Aeronautics and Astronautics: Centralized and Decentralized Approaches to Advanced Air Mobility Traffic Management

Inho Cho

(September, 2023)
Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Mitigating Compute Congestion for Low Latency Datacenter RPCs

Yukio Cho

(September, 2023)
Thesis in the field of Materials Science and Engineering: Self-Assembled Molecular Nanomaterials and Their Applications

Seo Woo Choi

(February, 2024)
Thesis in the field of Chemical Engineering: Integrative and Scalable Pipeline for Multi-Omic Characterization of Biological Tissues

Ching-Yao Chuang

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Robust Learning from Uncurated Data

Richard Bertram Church

(September, 2023)
Thesis in the field of Polymers and Soft Matter submitted to the Department of Materials Science and Engineering: Towards Thick Battery Electrodes and Interdigitated Cell Architectures via Micro-Structured Carbon Nanotube Forests

Lauren E. Clarke

Thesis in the field of Chemical Engineering: Defining Key Engineering Parameters to Advance Electrochemical CO₂ Separation Technologies

Christopher Bryce Courtin

Thesis in the field of Aeronautics and Astronautics: Performance, Stability and Control of Electric Short Takeoff and Landing Aircraft

Jose Enrique Cruz Serralles

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Integral Equation-Based Inverse Scattering and Coil Optimization in Magnetic Resonance Imaging

Yingnan Cui

(September, 2023)
Thesis in the field of Mechanical Engineering: Fast Parameter Learning In Adaptive Systems

Benjamin Reid Dacus

Thesis in the field of Nuclear Science and Engineering: Inferring Microstructural Change through Non-Contact Ultrasonic Property Measurements

James Kent Damewood

Thesis in the field of Computational Materials Science and Engineering submitted to the Department of Materials Science and Engineering: Machine Learning Methods for Order and Disorder in Crystalline Materials

Rumen Rumenov Dangovski

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Representation Learning Through the Lens of Science: Symmetry, Language and Symbolic Inductive Biases

Ronald A. Davis III

Thesis in the field of Electrical Engineering and Computer Science: Combining RF Machine Learning and RF Photonics to Enable New Analog Communications Architectures

Jennifer Joanne Dawkins

Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Computational Prediction of Health Status from the Human Gut Microbiome and Metabolome

Charles Burke Dawson

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Breaking Things So You Don't Have To: Risk Assessment and Failure Prediction for Cyber-Physical AI

Marc de Cea Falcó

Thesis in the field of Electrical Engineering and Computer Science: Integrated Photonics for Imaging: Novel Sources, Architectures and Applications

José del Águila Ferrandis

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Exploring Complex Problems in Fluid Dynamics: from CFD to Experiments Leveraging ML

Samuel DeLaughter

(September, 2023)
(See also E.C.S., Course VI)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Redistributing the Costs of Volumetric Denial-of-Service Mitigation

Jie Deng

Thesis in the field of Civil and Environmental Engineering: Understanding Community Changes in Ecological Systems: A Probabilistic and Geometric Perspective

Carlos Daniel Díaz Marín

Thesis in the field of Mechanical Engineering: Physics and Engineering of Moisture-Capturing Hydrogels for Freshwater and Heat Harvesting

Brian Tshao Do

(September, 2023)

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Metabolic and Genetic Factors Guiding Hematopoietic Cell Fate

Mustafa Doğa Doğan

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Ubiquitous Metadata: Design and Fabrication of Embedded Markers for Real-World Object Identification and Interaction

Manan Doshi

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: High-Dimensional Optimal Path Planning and Multi-Timescale Lagrangian Data Assimilation in Stochastic Dynamical Ocean Environments

Lena Marie Downes

(February, 2024)

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: City-Scale Cross-View Geolocalization with Generalization to Unseen Environments

Arkopal Dutt

(February, 2024)

Thesis in the field of Mechanical Engineering: Accelerating Learning of Quantum Systems Using Prior Information

Souha El Mousadik

(February, 2024)

Thesis in the field of Civil and Environmental Engineering: An in situ Investigation of Sediment Hydrodynamics for Advancing Seabed Mining Plume Monitoring and Modeling

Joshua James Elacqua

(February, 2024)

Thesis in the field of Biological Engineering: Developing Methods for Enhanced Measurement of DNA Single-Strand Breaks and Somatic Variants

Alireza Fallah

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Algorithmic Interactions with Strategic Users: Incentives, Interplay, and Impact

Lijie Fan

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Visual Representation Learning from Synthetic Data

Yiling Fan

(September, 2023)

Thesis in the field of Mechanical Engineering: Building Patient-Specific Models of the Heart to Study Cardiac Growth and Remodeling

Amanda Marie Farnsworth

Thesis in the field of Chemical Engineering: Decarbonizing the US Power Sector

Adam Joshua Fisch

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Conformal Methods for Efficient and Reliable Deep Learning

Cameron Timothy Flower

Thesis in the field of Computational and Systems Biology: Tumor Cell-Intrinsic Signals Promoting Tolerance and Adaptation to Oncogenic Kinase Inhibition

Corbin R. Foucart

(September, 2023)

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: High-Order Discontinuous Galerkin Methods and Deep Reinforcement Learning with Application to Multiscale Ocean Modeling

Christopher Kurt Fourie

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Real-time Anticipation and Entrainment in Human-Robot Interaction

Christopher John Frangieh

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Methods and Models of Screening Genomic Variants

Jiahui Fu

(February, 2024)

Thesis in the field of Mechanical Engineering: Long-Term Object-Based SLAM in Low-Dynamic Environments

Xiang Fu

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Learning to Model Atoms Across Scales

Ximo Gallud Cidoncha

(September, 2023)

Thesis in the field of Aeronautics and Astronautics: Studies on the Physical Structure, Properties and Operation of Ionic Liquid Electrospays in the Pure-Ion Mode

Amanda Gao

Thesis in the field of Environmental Engineering Science submitted to the Department of Civil and Environmental Engineering: Development and Characterization of a Novel, Low-Cost Method for Measurement of Volatile Organic Compounds

Weiran Gao

Thesis in the field of Chemical Engineering: Modeling and Analysis of a Lithium-Ion Convection Battery

Juan José Garau Luis

(September, 2023)

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Robustness of Reinforcement Learning Systems in Real-World Environments

Devashish Pratap Gokhale

Thesis in the field of Chemical Engineering: Sustainable Hydrogels for Water Treatment

Samuel Lucas Goldman

(February, 2024)

Thesis in the field of Computational and Systems Biology: Machine Learning Methods for Discovering Metabolite Structures from Mass Spectra

Jose Javier Gonzalez Ortiz

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Learning Reconfigurable Vision Models

Kevin Paul Greenman

Thesis in the field of Chemical Engineering and Computation: Optical Property Prediction and Molecular Discovery through Multi-Fidelity Deep Learning and Computational Chemistry

Peter William Grenfell

(February, 2024)

Thesis in the field of Aeronautics and Astronautics: Systems Performance Analysis for Autonomous Spacecraft Navigation within Satellite Constellations Using Intersatellite Optical Communications Links

Carla Grobler

(February, 2024)

Thesis in the field of Aerospace, Energy, and the Environment submitted to the Department of Aeronautics and Astronautics: Past, Present, and Future Climate Impacts of Aviation

Xiaotong Guo

Thesis in the field of Transportation submitted to the Department of Civil and Environmental Engineering: Towards a Robust Integrated Urban Mobility System: Public Transit and Ride-Sharing Systems

Zhen Guo

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Data-Efficient Machine Learning for Computational Imaging

Stephen Carrol Guth

(September, 2023)

Thesis in the field of Mechanical Engineering and Statistics submitted to the Department of Mechanical Engineering: Analytical and Computational Methods for Non-Gaussian Reliability Analysis of Nonlinear Systems Operating in Stochastic Environments

Wael Hajj Ali

(September, 2023)

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Stochastic Dynamically Orthogonal Modeling and Bayesian Learning for Underwater Acoustic Propagation

Benjamin Alexander Hamilton

Thesis in the field of Mechanical Engineering: A New Method for Cryogenic Fluid Thermal Conductivity Measurements and Thermophysical and Transport Properties of Hydrogen-Helium Mixtures

Yena Han

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Towards Biologically Plausible Deep Learning

Emily Barret Hanhauser

(September, 2023)

Thesis in the field of Mechanical Engineering: Miniature Bioanalytical Assays Utilizing Mechanical Actuation of Microspheres

Alvin Donel Harvey

Thesis in the field of Aeronautics and Astronautics: The Cosmos as a Uniting Pillar of Relationships: A Diné & Hózhó Perspective

Susana Wilson Hawken

(September, 2023)

Thesis in the field of Computational and Systems Biology: Linking Biomolecular Condensates to Disease and Therapeutic Development

Mingjian He

(February, 2024)

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: State-Space Modeling of Neural Oscillations: Toward Assessing Alzheimer's Disease Neuropathology with Sleep EEG

Connor Andrew Henley

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Shadows, Mirrors, and Snow: Decoding Multibounce Light Transport in Time-of-Flight Photography

Evan Hernandez

Thesis in the field of Electrical Engineering and Computer Science: Automating the Interpretation of Neural Networks

Hailee Elida Hettrick

Thesis in the field of Aeronautics and Astronautics: Computationally Efficient Optimization of Formation Flying Trajectories, with Solar Radiation Pressure, near Lagrange Points

Jane Elizabeth Heyes

(September, 2023)

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Experimental Demonstration of Quantum Low Probability of Intercept for Ultra-Secure Communication

Ahmet Esat Hizir

(February, 2024)

Thesis in the field of Transportation submitted to the Department of Civil and Environmental Engineering: Airline Recovery Using Machine Learning and Optimization

Megan Hoffman

Thesis in the field of Biological Engineering: Design Strategies for Macromolecular Targeted Protein Degradation

Flemming Holtorf

Thesis in the field of Chemical Engineering: Bounds and Low-Rank Approximation for Controlled Markov Processes

Sungkweon Hong

(September, 2023)

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Risk-Bounded Programming Using Constrained, Hierarchical, Stochastic Shortest Path Problems

Jiliang Hu

(February, 2024)

Thesis in the field of Mechanical Engineering: Emergent Behaviors in Complex Microbial Ecosystems

Qiangqiang Huang

(September, 2023)

Thesis in the field of Mechanical Engineering: Scalable Full Posterior Inference for Uncertainty-Aware Robot Perception

Siyang Huang

Thesis in the field of Materials Science and Engineering: Structure and Dynamics of Magnetic Domain Walls in Multi-Sublattice Magnetic Oxides

Zeshan Mohammed Hussain

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Towards Precision Oncology: A Predictive and Causal Lens

Shibal Ibrahim

Thesis in the field of Electrical Engineering and Computer Science: Nonparametric High-Dimensional Models: Sparsity, Efficiency, Interpretability

Stewart Anthony Isaacs

Thesis in the field of Aerospace, Energy, and the Environment submitted to the Department of Aeronautics and Astronautics: Quantifying and Mitigating Dust Impacts on Solar Panels in West Africa

Brennan Leo Jackson

(September, 2023)

Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: The Impact of Gamma Stimulation on Neurological Phenotypes of Alzheimer's Dementia and Down Syndrome

Farnaz Jahanbakhsh

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Empowering Users on Social Media for Better Content Credibility

Saachi Jain

(February, 2024)

Thesis in the field of Electrical Engineering and Computer Science: A Data-Centric Perspective on Model Reliability

Morgan Elizabeth Janes

Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Engineering Translational Vaccine Delivery Systems with the Polyphenol Tannic Acid

Daniel Jang

Thesis in the field of Space Systems submitted to the Department of Aeronautics and Astronautics: Modeling the Future Space Debris Population and Orbital Capacity

Zexi Ji

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Flexible Energy-Aware Image and Transformer Processors for Edge Computing

Allen Yujie Jiang

(February, 2024)

Thesis in the field of Chemical Engineering: Development and Evaluation of Localized mRNA Delivery Systems for Vaccines and Inhaled Therapies

Xiaoja Jin

Thesis in the field of Chemical Engineering: Carbon Nanotube Based Biosensors Using Corona Phase Molecular Recognition (CoPhMoRe): Development and Applications

Mary Agnes Joens

Thesis in the field of Chemical Engineering: Modeling the Motion of Solid Objects Immersed in Viscoelastic Fluids

Joshua David John Rathinaraj

Thesis in the field of Mechanical Engineering: Novel Rheometric Techniques and Constitutive Models for Linear and Nonlinear Rheology: Applications to Polymeric Solutions and Colloidal Gels

Robert Paul Jones

(See also S.M., Course X-A and M.B.A., Course XV)

Thesis in the field of Chemical Engineering Practice submitted to the Department of Chemical Engineering: Decarbonizing Long-Haul Trucking

Taigyu Joo

Thesis in the field of Chemical Engineering: Post-Synthetic Chemical and Morphological Modifications of Polymer Membranes for Gas Separations

William John Kammerer III

Thesis in the field of Space Systems submitted to the Department of Aeronautics and Astronautics: Development of Optical Communication Terminals for Increasing Connectivity on Small Satellites

Ha Eun Kang

(February, 2024)

Thesis in the field of Mechanical Engineering: Empowering Data Sharing in Smart Manufacturing Through Homomorphic Encryption

Elijah Karvelis

Thesis in the field of Biological Engineering: Computational Approaches for Understanding and Redesigning Enzyme Catalysis

Mehrdad Khani Shirkoohi

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Continuous Learning for Lightweight Machine Learning Inference on Edge Devices

Alexander Antony Khechfe

(September, 2023)

Thesis in the field of Chemical Engineering: Promotion of Heterogeneous Acid and Base Catalysts for Biomass Upgrading

Bharat Khurana

Thesis in the field of Materials Science and Engineering: Pulsed Laser Deposited Iron Garnet Thin Films for Spintronics

Kruthika Kikkeri

Thesis in the field of Electrical Engineering and Computer Science: Low-Cost Electronic Microfluidics for Multiplexed Point-of-Care Biomarker Detection

Albert Kim

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Optimizing Queries with Disjunctions

Do Hun Kim

Thesis in the field of Bioengineering submitted to the Department of Biological Engineering: Quantitative Analysis of Phosphoproteomics for KRAS Signaling Network Characterization

Lohyun Kim

Thesis in the field of Mechanical Engineering: Design and Modeling of Nanostructured Palladium-Based Hydrogen- Selective Membranes

Sangwoon Kim

Thesis in the field of Mechanical Engineering: TEXterity: Tactile Extrinsic deXterity

Suyong Kim

Thesis in the field of Mechanical Engineering: Combustion Physics and Inverse Modeling of Energetic Materials

Taekyong Kim

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Switching Dynamics in Ferroelectric Hf_{0.5}Zr_{0.5}O₂ Devices: Experiments and Models

Ethan Avram Klein

(September, 2023)

Thesis in the field of Nuclear Science and Engineering: Neutron Resonance Transmission Analysis of Nuclear Material Using a Portable D-T Neutron Generator

Grant Alexander Knappe

Thesis in the field of Chemical Engineering: Development of a Structural Nucleic Acid Delivery Vector Technology

Ching-Yun Ko

Thesis in the field of Electrical Engineering and Computer Science: Charting the Landscape: Adversarial Robustness, Representation Learning, and the Quest for Human-Aligned AI

Florian Koehler

Thesis in the field of Electrical Engineering and Computer Science: Magnetic Tools for Neural Interfacing

Ekaterina R. Kononov

Thesis in the field of Space Systems submitted to the Department of Aeronautics and Astronautics: Synthesis Imaging with Vector Sensor Arrays

Andrew Normand Kopeikin

(February, 2024)

Thesis in the field of Aeronautics and Astronautics: System-Theoretic Safety Analysis for Teams of Collaborative Controllers

Alexander E. Kossak

Thesis in the field of Materials Science and Engineering: Reversible and Irreversible Effects of Magneto-Ionic Gating: Exchange, Anisotropy, and Magnetization

Akshay Kothakonda

Thesis in the field of Aeronautics and Astronautics: Engineering Mechanical Counter Pressure Spacesuits and Compression Garments: Active Pressurization and Design for Mobility

Irene Agnes Kuang

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Handheld MRI for Point-of-Care and Educational Applications

Ashwin Srinivasan Kumar

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Targeting B Lymphocytes to Improve Therapeutic Outcomes for Pediatric Medulloblastoma

Gil Kur

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: On The Performance Of The Maximum Likelihood Over Large Models

Ivan Kuraj

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Synthesis-Aided Development of Distributed Programs

William Henry Kuszmaul

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Randomized Data Structures: Modern Perspectives and Hidden Surprises

Soonhyoung Kwon

(February, 2024)

Thesis in the field of Chemical Engineering: Enhancing Zeolite Synthesis with Tailored Structure-Directing Agents (SDAs) and High-Throughput Platform

Peter Lalor

Thesis in the field of Computational Nuclear Science and Engineering: Reconstructing the Atomic Number of Cargo X-ray Images Using Dual Energy Radiography

Christian Landeros

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Machine-Guided Biopsy Analysis in Oncology: Facilitating Diagnostic Access and Biomedical Discovery Through Deep Learning

Alina Dale LaPotin

(February, 2024)

Thesis in the field of Mechanical Engineering: Characterization of Thermophotovoltaics and Materials for High-Temperature Thermal Energy Storage

Hong Anh Anna Le

(September, 2023)

Thesis in the field of Biological Engineering: Functional Genomic and Transcriptomic Tools for Spatial and Dynamic Phenotypes

Benjamin David Leaker

(February, 2024)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Biological and Biomechanical Effects of Direct Perturbation of Tissue Structure in the Cirrhotic Liver

Guillaume Paul Olivier Leclerc

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Robust Computer Vision: Beyond Lp Adversaries

Byung Hun Lee

Thesis in the field of Materials Science and Engineering: Magnetization Dynamics in Multi-Sublattice Magnetic Materials

Cheng Feng Gary Lee

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Machine Learning for Data-Driven Signal Separation and Interference Mitigation in Radio-Frequency Communication Systems

Hyunhee Lee

(September, 2023)
Thesis in the field of Chemical Engineering: Multidimensional MOFs Mixed Matrix Membranes for Efficient Gas Separation

Kyungmi Lee

Thesis in the field of Electrical Engineering and Computer Science: Towards Secure Machine Learning Acceleration: Threats and Defenses Across Algorithms, Architecture, and Circuits

Serin Lee

Thesis in the field of Materials Science and Engineering: In Situ Electron Microscopy of Nanomaterials Dynamics in Heterogeneous Phase Environments

Stephen James Lee

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Electricity Demand and Energy for Growth: A Data Fusion Approach

Eric Lehman

Thesis in the field of Electrical Engineering and Computer Science: Practical Considerations For the Deployment of Clinical NLP Systems

Jonas Lehmann

Thesis in the field of Civil and Environmental Engineering: Quantitative Modeling for Guiding the Transition to Low-Carbon Logistics

Kyle Ravi Lennon

(September, 2023)
Thesis in the field of Chemical Engineering: Mathematics, Methods, and Models for Data-Driven Rheology

Bianca Arielle Lepe

Thesis in the field of Bioengineering submitted to the Department of Biological Engineering: Development of *In Silico* Subunit Vaccines and a Surface Modification Platform for *Mycobacterium Tuberculosis*

Kathleen Marie Lewis

(September, 2023)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Application-Driven Generative and Multimodal Methods

Buxuan Li

(February, 2024)
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Engineering Thermal Conductivity and Elastocaloric Effects in Polymer Fibers of Variable Crystallinity

Clement Li

Thesis in the field of Air Transportation Systems submitted to the Department of Aeronautics and Astronautics: Hierarchical Behavior Models for Airspace Characterization and Trajectory Prediction

Hao Li

(September, 2023)
Thesis in the field of Mechanical Engineering: Problem Solving in Engineering with Multiple Solution Methods

Haochuan Li

Thesis in the field of Electrical Engineering and Computer Science: The Role of Smoothness and Adaptivity in Nonlinear Optimization for Machine Learning

Lingxiao Li

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Scalable Methodologies for Optimizing Over Probability Distributions

Linsen Li

Thesis in the field of Electrical Engineering and Computer Science: Heterogeneous Integration of Spin-Photon Interfaces with a Scalable CMOS Platform

Shuang Li

(September, 2023)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Enabling Compositional Generalization of AI Systems

Yunpo Li

(February, 2024)
Thesis in the field of Civil and Environmental Engineering: Evaluation, Prediction, and Monitoring of Methane Emission from Oil and Gas Development

Qiaohao Liang

Thesis in the field of Computational Materials Science and Engineering submitted to the Department of Materials Science and Engineering: Physics-Based and Data-Driven Modeling of Multi-Active Material Electrode Batteries

Qianli Liao

(February, 2024)
Thesis in the field of Electrical Engineering and Computer Science: Understanding Neural Networks from Theoretical and Biological Perspectives

Wei Liao

Thesis in the field of Electrical Engineering and Computer Science: Machine Learning for Sepsis Prognosis: Prediction Models and Dissecting Electronic Health Records

Miles Thelonious Keylor Lifson
Thesis in the field of Aeronautics and
Astronautics: Low Earth Orbit Spacecraft
Slotting: Towards an Implementable
Proposal

Paul Lilin
Thesis in the field of Mechanical
Engineering: Fracture Morphologies in
Particulate Suspensions

Ji Lin
(February, 2024)
Thesis in the field of Electrical
Engineering and Computer Science:
Efficient Deep Learning Computing:
From TinyML to LargeLM

Yen-Chen Lin
(September, 2023)
Thesis in the field of Electrical
Engineering and Computer Science:
Neural Fields for Robotics

Geoffrey Kazuyuki Litt
(September, 2023)
Thesis in the field of Computer Science
submitted to the Department of Electrical
Engineering and Computer Science:
Building Personal Software with Reactive
Databases

Fan Liu
Thesis in the field of Mechanical
Engineering: Intercellular Flow-Mediated
Force Relaxation Measurement on the
Three-Dimensional Multicellular Tissue

Sandra Qi-Jun Liu
(February, 2024)
Thesis in the field of Mechanical
Engineering: Soft, Compliant Tactile
Robotic Manipulators

Yixi Liu
Thesis in the field of Electrical
Engineering submitted to the Department
of Electrical Engineering and Computer
Science: Toward Ultra-Resolution
Biomolecular Mapping in Cells with
Expansion Microscopy

Yunpeng Liu
Thesis in the field of Mechanical
Engineering: Remote Epitaxy by In-Situ
Grown BN and InGaN Strain Relaxation

Zhijian Liu
Thesis in the field of Electrical
Engineering and Computer Science:
Efficient Deep Learning with Sparsity:
Algorithms, Systems, and Applications

Charlotte Chang Le Loh
Thesis in the field of Electrical
Engineering and Computer Science:
Scalable Representation Learning: On
Data-Scarcity, Uncertainty and Symmetry

Lee Gabriel Lopez
Thesis in the field of Aeronautics and
Astronautics: Large-Eddy Simulation of
Hypersonic Shock-Wave Boundary-Layer
Interaction with Wall Cooling

Georgios Lordos
(February, 2024)
Thesis in the field of Space Systems
submitted to the Department of
Aeronautics and Astronautics:
Engineering Autocatalytic and Robust
Architectures for Human Missions to
Mars

Daniel James Lundberg
(February, 2024)
Thesis in the field of Chemical
Engineering: Design and Engineering of
Carbon Fixing Material Systems

David James Lundberg
(February, 2024)
Thesis in the field of Chemical
Engineering: Control and Prediction
of Polymer Network Structure and
Connectivity for Sustainability, Stimuli-
Response, and Catalytic Function

Parker Chase Lusk
(September, 2023)
Thesis in the field of Autonomous
Systems submitted to the Department
of Aeronautics and Astronautics:
Data Association Algorithms and
Representations for Robust Geometric
Perception

Wei-Chiu Ma
(February, 2024)
Thesis in the field of Electrical
Engineering and Computer Science:
Learning 3D Modeling and Simulation
from and for the Real World

Fiona Katherine Macleod
(September, 2023)
Thesis in the field of Health Sciences and
Technology submitted to the Harvard-
MIT Program in Health Sciences and
Technology: Investigating the Fidelity
of Classic Cardiovascular Metrics in the
Context of a Failing and Mechanically
Supported Heart

Ipek Bensu Manav
(February, 2024)
Thesis in the field of Civil and
Environmental Engineering: Assessing
the Intersectional Risks Associated with
the Full Life Cycle of the U.S. Housing
Stock

Tobia Marcucci
Thesis in the field of Computer Science
submitted to the Department of Electrical
Engineering and Computer Science:
Graphs of Convex Sets with Applications
to Optimal Control and Motion Planning

Gustavo Marques Hobold
(September, 2023)
Thesis in the field of Mechanical
Engineering: Quantitative Solid
Electrolyte Interphase-based Descriptors
for Lithium Liquid Electrolyte Design

María Carmen Martín Alonso
(February, 2024)
Thesis in the field of Medical Engineering
and Medical Physics submitted to the
Harvard-MIT Program in Health Sciences
and Technology: Amplifying Signals in
the Tumor Microenvironment for Drug
Development and Diagnostics

Suzane Martins Cavalcanti
(February, 2024)
Thesis in the field of Chemical
Engineering and Computation:
Nonsmooth Distillation Models Robust to
Convergence Errors: Numerical Methods
and Topological Aspects

Gustavo Matana Aguiar
(February, 2024)
Thesis in the field of Nuclear Science
and Engineering: Infrared Thermometry
Analysis of Surface Effects in Subcooled
and Saturated Boiling of Water

Joana Matos Fonseca da Trindade
(February, 2024)
Thesis in the field of Electrical Engineering and Computer Science: Systems and Techniques for Efficient Temporal Graph Analytics

Thomas Paul Matson
Thesis in the field of Materials Science and Engineering: Phase-and-Defect Diagrams for Polycrystalline Grain Boundary Segregation

Eli Mattingly
(February, 2024)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Design, Construction, and Validation of Magnetic Particle Imaging Systems for Rodent, Primate and Human Functional Neuroimaging

Kayla Marisa McCue
Thesis in the field of Computational and Systems Biology: Interpretable Computational Modeling of Pre-mRNA Splicing for Multiple Eukaryotic Species

Vincent Rudolf Meijer
Thesis in the field of Aerospace, Energy, and the Environment submitted to the Department of Aeronautics and Astronautics: Satellite-Based Analysis and Forecast Evaluation of Aviation Contrails

Aaron Max Melemed
Thesis in the field of Mechanical Engineering: Modulating the Electrochemistry of Calcium Metal Anodes

Vincent Nevan Miao
(September, 2023)
Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Profiling Host Respiratory Responses to SARS-CoV-2 Infection

Christina Paula Migliore
Thesis in the field of Nuclear Science and Engineering: Development of the "Stix" Code, a Radio Frequency (RF) Wave Solver, to Investigate RF-Sheath Behavior in Realistic Tokamak Geometry

John Paul Mikhail
(February, 2024)
Thesis in the field of Chemical Engineering: Understanding the Mechanisms of Shock-Induced Deformation in Polymeric Systems

Benjamin Miller
(February, 2024)
Thesis in the field of Mechanical Engineering: Design, Fabrication, and Application of Bioinspired Soft Photonic Materials

Daniel Martin Miller
Thesis in the field of Aeronautics and Astronautics: Small-Body and Heliophysics Missions using Hybrid Low-Thrust Propulsion

Julia Milton
(September, 2023)
Thesis in the field of Aeronautics and Astronautics: Scenario-Based Uncertainty Quantification for Deep Space Optical Communications

Fabian Mohr
(See also M.B.A., Course XV)
Thesis in the field of Chemical Engineering Practice submitted to the Department of Chemical Engineering: Smart Data Analytics for Manufacturing Processes

Intae Moon
Thesis in the field of Electrical Engineering and Computer Science: Trustworthy and Reliable AI for Evidence-based Clinical Decision Support in Cancer Care

Rachel E. Morgan
(September, 2023)
Thesis in the field of Space Systems submitted to the Department of Aeronautics and Astronautics: Germanium on Silicon Integrated Photonics for the Mid-Wave Infrared

Klara Mundilova
(February, 2024)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Gluing and Creasing Paper along Curves: Computational Methods for Analysis and Design of Compositions of Developable Surfaces

Varun Murali
(February, 2024)
Thesis in the field of Aeronautics and Astronautics: Perception-Aware Planning for Differentially Flat Robots

Michael Alexander Murphy
(February, 2024)
Thesis in the field of Computational and Systems Biology: Machine Learning Methods for High-Throughput Biological Data

Parimarjan Negi
(February, 2024)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Machine Learning for Query Optimization in Presence of Workload Drift

Suchita P. Nety
(September, 2023)
Thesis in the field of Biological Engineering: The Transposon-Encoded Protein TnpB is an RNA-Guided Nuclease

Thanh Nguyen
Thesis in the field of Quantum Science and Engineering submitted to the Department of Nuclear Science and Engineering: Spectroscopy of Topological Materials and Their Technological Applications

Tin Danh Nguyen
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Toward Faster Methods in Bayesian Unsupervised Learning

Martin Eric William Nisser
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Computational Fabrication and Assembly for *In Situ* Manufacturing

Milica Notaros
(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Integrated Visible-Light Platforms, Devices, and Systems for Augmented Reality and Beyond

Michael Karl Oberst

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Towards Rigorously Tested and Reliable Machine Learning for Health

Willis Cooper O'Leary

Thesis in the field of Materials Science and Engineering: Combining Experiments and First-Principles Calculations to Understand and Engineer Metal Exsolution in Perovskites

Chelsea Nneka Onyeador

Thesis in the field of Aerospace Computational Engineering submitted to the Department of Aeronautics and Astronautics: Multi-Fidelity Gaussian Process Regression for Aerodynamic Boundary Layer CFD Applications

Nils Pachler de la Osa

Thesis in the field of Aeronautics and Astronautics: Optimizing Resource Allocation in Large Communications Satellite Constellations

Cody Alison Paige

(September, 2023)
Thesis in the field of Aeronautics and Astronautics: Enabling a Permanent Human Presence beyond Low Earth Orbit: Wearable Radiation Protection and Enhanced Science Through Virtual Reality

David Robert Palmer

(September, 2023)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Relaxing Topological Barriers in Geometry Processing

Subeen Pang

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Scalar Scattering Theory and Physics-inspired Optimization for Computational Imaging

Jonathan S. Paras

(September, 2023)
Thesis in the field of Materials Science and Engineering: An Irreversible Thermodynamic Formalism of the Electronic Contribution to the Entropy in Metals

Soyun Park

(September, 2023)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Designing Inclusivity in Collaborative Technology

Mirae Leigh Parker

(February, 2024)
Thesis in the field of Computational and Systems Biology: New Tools for Measuring and Analyzing Bacterial Gene Expression Dynamics.

Aniket Sanjay Patankar

(September, 2023)
Thesis in the field of Mechanical Engineering: System and Reactor Design, and Materials Testing, for Efficient Thermochemical Solar Fuel Production in Temperature / Pressure Swing Redox Cycles

Sarath Pattathil

(September, 2023)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Optimization and Generalization of Minimax Algorithms

Cadence Brea Payne

(February, 2024)
Thesis in the field of Aeronautics and Astronautics: Nanosatellite Hyperspectral Imaging Performance Modeling for Ocean Color Detection.

Kaidong Peng

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: The Quest for Ideal Quantum Amplifiers

Tianyi Peng

(September, 2023)
Thesis in the field of Aeronautics and Astronautics and Statistics submitted to the Department of Aeronautics and Astronautics: Learning from Commerce Data: From Theory to Practice

Nili Persits

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Chemical Sensing as a Utility using Swept-Source Raman Spectroscopy

Gustav Mikael Pettersson

Thesis in the field of Aeronautics and Astronautics: Deep-Space Exploration Enabled by CubeSats with Staged Electro Spray Propulsion

Eric A. Ponce

(September, 2023)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Measurement and Modeling for Resource Monitoring

Allison Paige Porter

Thesis in the field of Health Sciences and Technology: Medical Engineering and Bioastronautics submitted to the Harvard-MIT Program in Health Sciences and Technology: Automation Framework for Exploration Medicine (AFEM): A Path for Integrating Automation into Autonomous Emergency Care

Rachel Elaine Price

(September, 2023)
Thesis in the field of Aeronautics and Astronautics: Data-Driven Detection of En-Route Convective Weather Avoidance and Development of a Weather Assessment Model

Krista Michelle Pullen

Thesis in the field of Biological Engineering: Data-Driven Translation of the Pathogen-Induced Immune Responses Across Species

Mohammad Mowafaq Qasim

Thesis in the field of Electrical Engineering and Computer Science: Design of High-Speed, High-Specific-Power Motor Drives for Megawatt Aircraft Applications

Rumya S. Raghavan

(February, 2024)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Engineering Minimally Immunogenic Cargos and Delivery Modalities for Gene Therapy

Aniruddh Raghu

(February, 2024)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Data-Efficient Machine Learning with Applications to Cardiology

Michelle L. Ramseier

(February, 2024)

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Co-optation of B Cell Developmental States in Malignancy and Autoimmunity

Basuhi Ravi

(February, 2024)

Thesis in the field of Materials Science and Engineering: Barriers to Recycling Plastics in the United States

Madhumitha Ravichandran

Thesis in the field of Nuclear Science and Engineering: Autonomous Experimentation to Accelerate Boiling Heat Transfer Research

Jessica Morgan Ray

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: A Universal Tensor Abstraction and Its Application to and Implementation within Block-Based Compression

Nathan Jude Rebello

(February, 2024)

Thesis in the field of Chemical Engineering: Predicting Properties of Polymer Networks Using Analytical Theory and Data-Driven Approaches

Kelsey Maia Reed

(February, 2024)

Thesis in the field of Chemical Engineering: Self-Assembly of Attractive and Polarizable Colloids

Marlyse Helena Reeves

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Magellan: A Risk-Bounded Plan Executive for Nonlinear, Stochastic Mobile Agents

Danyal Rehman

(February, 2024)

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Physics-Constrained Deep Learning and Differentiable Mechanistic Models for Multicomponent Transport Phenomena

Kate Reidy

Thesis in the field of Materials Science and Engineering: Atomic-Scale Design at the 2D/3D Interface using Electron Microscopy

Zhichu Ren

Thesis in the field of Materials Science and Engineering: Accelerating Novel Energy Catalyst Discovery Using Automation, Active Learning, and AI

Alexander Dominic Renda

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Programming with Neural Surrogates of Programs

Thomas González Roberts

Thesis in the field of Aeronautics and Astronautics: Measuring Compliance to the International Telecommunication Union's Geosynchronous Orbital Assignments

Joshua David Robinson

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Modeling the Geometry of Neural Network Representation Spaces

John W. Romanishin

Thesis in the field of Mechanical Engineering: Self-Assembling Modular Systems: Enhancing Efficiency and Accuracy in Robotic Lattice Assembly

Luca Rosalia

(September, 2023)

Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Soft Robotic Platforms for the Simulation of Cardiovascular Disease and Device Development

Jana I. Saadi

(February, 2024)

Thesis in the field of Mechanical Engineering: Generative Design Tools: Implications on Design Process, Designer Behavior, and Design Outcomes

Sandro Salgueiro Rodrigues Filho

(February, 2024)

Thesis in the field of Air Transportation Systems submitted to the Department of Aeronautics and Astronautics: Increasing Flexibility in the Design and Operation of Instrument Flight Procedures

Noah James Salk

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: A Class of High-Efficiency Air-Core Power Transformers with Flux-Guiding Resonators

Hadi Salman

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Towards ML Models That We Can Deploy Confidently

Lluís Saló Salgado

(February, 2024)

Thesis in the field of Geotechnical and Geoenvironmental Engineering submitted to the Department of Civil and Environmental Engineering: Numerical Modeling of Geologic Carbon Dioxide Storage in Faulted Siliciclastic Settings

Nikola Samardzic

Thesis in the field of Electrical Engineering and Computer Science: Practical Cryptographically Private and Verifiable Computation through Hardware-Software Co-Design

Eli Andres Sanchez

Thesis in the field of Nuclear Science and Engineering: Conventional Precision-Guided Hypersonic Weapons: An Unconventional Threat to Strategic Stability?

Sara Catherine Sand

Thesis in the field of Materials Science and Engineering: Understanding Ion Conduction Mechanisms in Polymer-Ceramic Composite Electrolytes for Lithium Ion Batteries

Luciano Santollani

Thesis in the field of Chemical Engineering: Engineering Cytokine Immunotherapies via Cell Surface Targeting

William James Sawyer

(September, 2023)
Thesis in the field of Mechanical Engineering: Aerosol Carbon Nanotube Production via Scalable Microplasma Synthesis of Catalyst Nanoparticles

Rachel Beth Schaefer

Thesis in the field of Civil and Environmental Engineering: Exploring Connections Between Seagrass Ecosystem Services and Meadow Hydrodynamics

Daphne Esther Schlesinger

Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Physiology-Inspired Deep Learning for Improved Heart Failure Management

Chockalingam Senthilnathan

Thesis in the field of Materials and Structures submitted to the Department of Aeronautics and Astronautics: Understanding the Mechanics of Growth: A Large Deformation Theory for Coupled Swelling-Growth and Morphogenesis of Soft Biological Systems

Tim Niklas Seyde

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Efficient Learning Control via Structural Policy Priors, Latent World Models and Hierarchical Abstraction

Xiaoyu Shan

(September, 2023)
Thesis in the field of Civil and Environmental Engineering: Identifying Functional Groups in Microbial Communities Based on Ecological Patterns

Divya M. Shanmugam

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Steering Machine Learning Towards Equity & Reliability

Prafull Sharma

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Learning Low-Level Priors from Images for Inference and Synthesis

Carolyn Rose Sheline

(February, 2024)
Thesis in the field of Mechanical Engineering: Design of an Affordable, Precise Irrigation Controller that Lowers the Barrier to Water- and Energy-Sustainable Agriculture

Sydney Elaine Sherman

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Single-Sided Magnetic Resonance Sensors for Clinical Detection of Volume Status

Liang Shi

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Towards Passing Visual Turing Test with Computational 3D Displays and Appearance Modeling

Miriam Eve Shiffman

Thesis in the field of Computational and Systems Biology: Uncertainty & Robustness for Single-Cell Studies

Pao-Chuan Shih

(September, 2023)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Vacuum Transistors Based on III-Nitrides Field Emitter Arrays with Self-Aligned-Gate

Thomas Scott Silver

Thesis in the field of Electrical Engineering and Computer Science: Neuro-Symbolic Learning for Bilevel Robot Planning

Sandeep B. Silwal

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Efficient Algorithms for Vector Similarities

Manish Singh

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Data Science in Investment Management

Nalini M. Singh

(September, 2023)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Physics-Inspired Deep Learning for Inverse Problems in MRI

Anubhav Sinha

(September, 2023)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Spatially Precise *in situ* Transcriptomics in Intact Biological Systems

Vibhaalakshmi Sivaraman

(February, 2024)
Thesis in the field of Electrical Engineering and Computer Science: Towards Practical and Robust Neural Video Conferencing

Samuel Ronald Sledzieski

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Learning the Language of Biomolecular Interactions

Hanjun Song

(September, 2023)
Thesis in the field of Mechanical Engineering: Shared Control Based on Predictability Analysis With Application to Human-SuperLimb Collaboration

Kevin Anton Spiekermann

(September, 2023)
Thesis in the field of Chemical Engineering: Enabling Accurate and High-Throughput Kinetic Predictions via Message Passing Neural Networks

Jordan Andrew Stinson

Thesis in the field of Biological Engineering: Engineering Approaches to Overcome Immunosuppression Through Localized Tumor Microenvironment Reprogramming

Austin J. Stromme

(September, 2023)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Statistical Aspects of Optimal Transport

Tingyu Su

(February, 2024)

Thesis in the field of Mechanical Engineering: Templated Multiferroic Nanocomposites by Ion-Lithography

Joseph Suárez

Thesis in the field of Electrical Engineering and Computer Science: Neural MMO: Massively Multiagent Simulation and Learning

Deepak Adarsh Subramanian

(February, 2024)

Thesis in the field of Chemical Engineering: Developing Methods of Selective, Location-Specific Drug Delivery in the Gastrointestinal Tract

Suleeporn Sujichantararat

(February, 2024)

Thesis in the field of Electrical Engineering and Computer Science: A Simulated Annealing Approach to Designing Optimal Decision Trees for Classification, Prescriptive, and Survival Analysis

Andrea Tagliabue

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Efficient Imitation Learning for Robust, Adaptive, Vision-based Agile Flight Under Uncertainty

Aik Rui Tan

Thesis in the field of Computational Materials Science and Engineering submitted to the Department of Materials Science and Engineering: Enhancing Robustness of Neural Network Interatomic Potentials through Sampling Methods and Uncertainty Quantification

Wenhui Tang

Thesis in the field of Mechanical Engineering: Geometry, Packing, and Synchronization in Three-dimensional (3D) Multicellular Development and Diseases

Yulun Tian

(September, 2023)

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Algorithms and Systems for Scalable Multi-Agent Geometric Estimation

Yuxuan Tian

Thesis in the field of Chemical Engineering: Multiplexed, Scalable, and Functionality Compatible Platforms for 3D Spatially Resolved Proteomic Profiling

Jan Onchoke Tiepelt

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: The Role of Triplet Exciton Lifetime in the Stability and Efficiency of Blue Phosphorescent OLEDs

Tony Tohme

Thesis in the field of Computational Science and Engineering submitted to the Department of Mechanical Engineering: Advances in Symbolic Regression: From Generalized Formulation to Density Estimation and Inverse Problem

Mohammed Abraham Toure

Thesis in the field of Biological Engineering: Pharmacological Modulation of Oncogenic Transcriptional Dysregulation

Vishrant Tripathi

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Information Freshness for Monitoring and Control over Wireless Networks

Lillian Yow Tsai

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Flexible Privacy via Disguising and Revealing

Megan Wai-Yang Tse

Thesis in the field of Biological Engineering: Discovering Antibiotic Adjuvants Against the Gram-Negative ESKAPE Pathogens

Nutth Tuchinda

(September, 2023)

Thesis in the field of Materials Science and Engineering: Polycrystalline Grain Boundary Solute Segregation at Finite Sizes and Temperatures

Mycal D. Tucker

Thesis in the field of Computational Science and Engineering: Using Principles from Cognitive Science to Analyze and Guide Language-Related Neural Networks

Dishita Girish Turakhia

Thesis in the field of Electrical Engineering and Computer Science: Designing Learner-Centric Tools for Learning Physical Skills

Carmen-Ioana Ursachi

(February, 2024)

Thesis in the field of Aerospace Computational Engineering submitted to the Department of Aeronautics and Astronautics: A Stress-Equivalent Spalart-Allmaras Wall Model with Local Boundary Conditions for RANS, DES, and LES

Jacqueline Alexis Valeri

(September, 2023)

Thesis in the field of Biological Engineering: Computationally-Guided Discovery and Design of Biological Sequences and Small Molecules

Georgia D. Van de Zande

(September, 2023)

Thesis in the field of Mechanical Engineering: Bringing the Water-Efficiency Benefits of Precision Irrigation to Resource-Constrained Farms Through an Automatic Scheduling-Manual Operation Irrigation Tool

Matthew Christopher VanBeek

(September, 2023)

Thesis in the field of Chemical Engineering: Interplay between Extra-Germinal Center Expansion of Memory B Cells and Affinity Maturation during the Humoral Recall Response

Arsen Vasilyan

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Enhancing Learning Algorithms via Sublinear-Time Methods

Nathan W. Volchko

(February, 2024)
Thesis in the field of Chemical Engineering: Understanding Heterogeneous Nucleation Mechanisms in Polyolefins

Jun Wan

(February, 2024)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Improving Performance of Consensus Protocols

Chonghe Wang

Thesis in the field of Mechanical Engineering: Full Body, Continuous, Wearable Ultrasound

Hanrui Wang

Thesis in the field of Electrical Engineering and Computer Science: Toward Practical Quantum Computing Systems with Intelligent Cross-Stack Co-Design

Miaorong Wang

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Efficient Algorithms, Hardware Architectures and Circuits for Deep Learning Accelerators

Qing Yi Wang

(February, 2024)
Thesis in the field of Transportation submitted to the Department of Civil and Environmental Engineering: Innovations in Urban Computing: Uncertainty Quantification, Data Fusion, and Generative Urban Design

Yu Wang

(September, 2023)
Thesis in the field of Electrical Engineering and Computer Science: Geometric Computing beyond the Laplacian

Yu-Jou Wang

(February, 2024)
Thesis in the field of Nuclear Science and Engineering: A Structure-Based Machine Learning Approach For Spatial-Temporal Fluctuations in Nuclear Thermal Fluids

Noreen Angelina Wauford

(February, 2024)
Thesis in the field of Biological Engineering: Inducible Mammalian Genetic Switch Circuits for Applications in Programmable Therapeutics and Synthetic Morphogenesis

Aaron Michael West, Jr.

Thesis in the field of Mechanical Engineering: All Models are Wrong, Simple Models Provide Insight: A Study of Human Manipulation

Jongchan Woo

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Energy-Efficient Hardware Architectures for Enhanced Secure Communication Systems

Xinyu Wu

Thesis in the field of Communications and Networks submitted to the Department of Aeronautics and Astronautics: Analysis and Optimization of Networks in Overload

Amy Xiao

(September, 2023)
Thesis in the field of Biological Engineering: Surveillance of SARS-CoV-2: From Sewage to the Clinic

Qingyun Xie

(February, 2024)
Thesis in the field of Electrical Engineering and Computer Science: Gallium Nitride Integrated Circuits Based on a p-GaN Platform

Yilun Xu

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: On Physics-Inspired Generative Models

Zhongxia Yan

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Towards Learning-Guided Search for Coordination of Multi-Agent Transportation at Scale

Fan Yang

(September, 2023)
Thesis in the field of Materials Science and Engineering: Multi-Functional Flat Optics for Imaging and Sensing

Grace Helen Yang

(February, 2024)
Thesis in the field of Chemical Engineering: Thermally Drawn Piezoelectric Fibers Impart Acoustic Functionality to Fabrics

Leerang Yang

(February, 2024)
Thesis in the field of Chemical Engineering: Computational Study of Vaccination Strategies to Change B Cell Immunodominance

Lei Yang

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Efficient Consensus and Synchronization for Distributed Systems

Mingyu Yang

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Myelination Diseases of the Central Nervous System: Artificial Axons as In Vitro Models of Chemomechanical Cues

Yifan Yang

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Effective and Flexible Acceleration of Sparse Computations

Yuzhe Yang

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Machine Learning Approaches that Extend Healthcare: Algorithms & Applications

Zhenze Yang

Thesis in the field of Materials Science and Engineering: Using Deep Learning to Understand and Design Heterogeneous Materials

Kevin Ye

Thesis in the field of Materials Science and Engineering: Properties and Processing of Chalcogenide Perovskites

Yufeng Ye

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: The Quarter Coupler for Near-Ultrastrong Nonlinear Light-Matter Coupling in Superconducting Circuits

Matthew Yeung

Thesis in the field of Electrical Engineering and Computer Science: Lightwave Electronics Based on Nanoantenna Networks

Yip Fun Yeung

(February, 2024)

Thesis in the field of Mechanical Engineering: Intelligent Fault Detection for Non-Stationary Dynamical Systems

Victor Alan Ying

(September, 2023)

Thesis in the field of Electrical Engineering and Computer Science: Compiler-Hardware Co-Design for Pervasive Parallelization

Andrew Christopher Yu

Thesis in the field of Electrical Engineering and Computer Science: Lab-to-Fab Monolithic 3D Integrated Carbon Nanotube Transistors: Scaling and Reliability

Shangdi Yu

Thesis in the field of Electrical Engineering and Computer Science: Parallel Algorithms, Optimizations, and Benchmarks For Spatial and Graph Clustering

Tianyi Zeng

(February, 2024)

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Development of Broadband Semiconductor Laser Frequency Combs

Xiyu Zhai

Thesis in the field of Electrical Engineering and Computer Science: Towards Effective Theories for Deep Learning and Beyond

Molin Zhang

Thesis in the field of Electrical Engineering and Computer Science: Motion-Robust Machine Learning Methods for Region-of-Interest Tracking and Selective Magnetic Resonance Imaging with External Shim Arrays

Yuening Zhang

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Effective Teamwork Using a Theory of Mind Over Plans

Allan Zhao

(February, 2024)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Transition-Aware Design Optimization of Winged VTOL Drones

Zijie Zhao

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Next-Generation Intelligent Portfolio Management: Advancements in Natural Language Processing and Deep Reinforcement Learning for Financial Decision-Making

Cheng Zheng

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Redefining the Design Pipeline in Computational Imaging

Yunhan Zheng

(February, 2024)

Thesis in the field of Transportation submitted to the Department of Civil and Environmental Engineering: Carrots and Sticks in Green Moves: Assessing the Mobility, Environmental, Economic, and Social Impacts of Sustainable Mobility Solutions

Junyi Zhu

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: From Systemic to Regional: Personal Health and Medical Monitoring Systems that Adapt to Individual Variance

Meilin Zhu

Thesis in the field of Biological Engineering: Multimodal Strategies to Modulate Health and Disease-Associated Microbes

SCHOOL OF HUMANITIES, ARTS, AND SOCIAL SCIENCES, DOCTORAL

Doctor of Philosophy

School of Humanities, Arts, and Social Sciences

Nasir Talal Almasri

Thesis in the field of Political Science: The Rise and Fall of Revolution in the Middle East

Daniel Asherov

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: Metrical Grids and Active Edges

Fulang Chen

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: Obscured Universality in Mandarin

Viola Corradini

Thesis in the field of Economics: Essays in Labor and Education Economics

Roberto Corrao

Thesis in the field of Economics: Essay on the Economics of Information

Peter Michael Mason Cummings

(February, 2024)

Thesis in the field of Political Science: The Foundations of Anti-System Protests in Democracy

Filipe Hisao de Salles Kobayashi

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: Quantifying over Individual Concepts

Marc de la Barrera i Bardalet

Thesis in the field of Economics: Essays in Macro Economics

Jasmine Hope English

Thesis in the field of Political Science: Essays on the Content and Consequences of Political Discussion

Brandon Enriquez

Thesis in the field of Economics: Essays in Labor Economics

Boer Fu

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: Uncovering Mandarin Speaker Knowledge with Language Game Experiments

Ying Gao

Thesis in the field of Economics: Essays on Signaling and Disclosure

Matías Alberto Giannoni

(September, 2023)

Thesis in the field of Political Science: Firms, Labor Markets and Anti-System Politics: Essays on the Political Economy of Populism

Steven Gonzalez

(September, 2023)

Thesis in the field of History, Anthropology, and Science, Technology, and Society submitted to the Program in Science, Technology, and Society: Cloud Ecologies: An Environmental Ethnography of Data Centers

Aja Oona Grande

Thesis in the field of History, Anthropology, and Science, Technology, and Society submitted to the Program in Science, Technology, and Society: He Lāhui Hawai'i Ma O Ka Ho'omomona Hou I Ka 'Āina: Nā Mo'olelo Lōkahi Ma Ka Mokupuni 'O O'ahu (A Hawaiian Nation Through The Restoration Of 'Āina Mōmōna: Stories Of Unity—Among Ourselves, That Which Feeds, Community, And Spirit—On The Island Of O'ahu)

Peter Nicholas Grishin

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: Lessons from CP in Passamaquoddy and Beyond

Basil Halperin

Thesis in the field of Economics: Essays in Monetary Policy and Growth

Jessica Anne Heine

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: How Things Seem: Arbitrariness, Transparency, and Representation

Kathleen Renee Hintikka

(February, 2024)

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: Speech Therapy

Lisa Yen Zheng Ho

Thesis in the field of Economics: Essays in Development Economics

Jacob Elias Jaffe

(September, 2023)

Thesis in the field of Political Science: New Methods and Perspectives on the Administration of American Elections

Adam Kaplan

Thesis in the field of Political Science and Statistics submitted to the Department of Political Science: Sequential Heterogeneous Treatment Effect Estimation for Dynamic Time-Series Cross-Sectional Data

Mohit Karnani Bhagwan

(February, 2024)

Thesis in the field of Economics and Statistics: Essays on Empirical Matching Systems

Bumsoo Kim

Thesis in the field of Economics: Essays in International Economics and Macroeconomics

Rorisang Nikiwe Lekalake

(September, 2023)

Thesis in the field of Political Science: Property, Place, and Politics: Essays on the Political Economy of Land in South Africa

Cora Lea Lesure

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: Selecting for and Selecting Despite: A Javanese Case Study

Licheng Liu

Thesis in the field of Political Science and Statistics submitted to the Department of Political Science: Essays on Modeling and Casual Inference with Network and Longitudinal data

Zachary Daniel Markovich

(September, 2023)

Thesis in the field of Political Science and Statistics submitted to the Department of Political Science: Messy Measurement: Essays on Causal Inference With Unobserved Variables

John David Minnich

(September, 2023)

Thesis in the field of Political Science: Re-Innovation Nation: The Logic of Technology Transfer Policy in Rising China

Carlos Andres Molina Guerra

Thesis in the field of Economics: Essays on Political Economy

Lucy Elizabeth Page

Thesis in the field of Economics: Essays on the Economics of Climate Action

Elizabeth Knowles Parker-Magyar

Thesis in the field of Political Science: Workplace Networks and Organizational Autonomy in Contemporary Jordan

Joshua Edward Pearson

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: Belief is Messy

Mina Erika Pollmann

(September, 2023)

Thesis in the field of Political Science: The Political Origins of Alliances

Apekshya Prasai

Thesis in the field of Political Science: Gendered Processes of Rebellion: Understanding Strategies for Organizing Violence

Kramer Michael Quist

Thesis in the field of Economics: Essays in Organizational Economics and Strategy

Charles Maxwell Rafkin

Thesis in the field of Economics: Essays in Public and Behavioral Economics

Gabrielle Lydia Marie Robbins

(September, 2023)

Thesis in the field of History, Anthropology, and Science, Technology, and Society submitted to the Program in Science, Technology, and Society: Antimalarial Afterlives: Medicine for a Planetary Age from Madagascar

Vincent S Rouillard

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: A Semantic Account of Distributional Constraints on Temporal in-Adverbials

Hannah Katherine Ruebeck

Thesis in the field of Economics: Essays on the Role of Identity in Economic and Political Behavior

Stuart Ehrlich Russell

(September, 2023)

Thesis in the field of Political Science: Politics within the State: Essays on Bureaucracy in Sub-Saharan Africa

Anna Elizabeth Russo

Thesis in the field of Economics: Essays in Environmental and Healthcare Market Design

Jaeun Seo

Thesis in the field of Economics: Essays in International Trade and Macroeconomics

Evan Joseph Soltas

Thesis in the field of Economics: Tax Policy, Housing Markets, and Redistribution

Abigail Thwaites

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: Knowing How, Knowing Who, Knowing What to Do

Eliot Matthew Watkins

(September, 2023)

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: Within 'Reason': A Study of Normative Language

Laura Weiwu

Thesis in the field of Economics: Essays on Inequality in Cities

Nicole Elizabeth Wilson

Thesis in the field of Political Science: Seeing Like an Estate: Middle-Class Political Behavior After Collective Exit

Tyler Brooke Wilson

(September, 2023)

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: Bounded Rationality as a Strategy for Cognitive Science

Chloe Elisha Wittenberg

(September, 2023)

Thesis in the field of Political Science: Is the Medium Still the Message? Assessing the Role of Video in Political Persuasion

Jamie Jing-Men Wong

(September, 2023)

Thesis in the field of History, Anthropology, and Science, Technology, and Society submitted to the Program in Science, Technology, and Society: The Politics of Scale and Scaling in Chinese Governance and Venture Capitalism

Christopher Minwoo Yang

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: How Joint Inference of the Lexicon and Phonology Affects the Learnability of Process Interactions

Hao Zhang

Thesis in the field of Political Science: Three Essays on the Politics of Firms and Global Production Networks

Stanislaw Zompi'

(September, 2023)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: ABA in Multidimensional Paradigms: A Max/Dep-Based Account

SLOAN SCHOOL OF MANAGEMENT, DOCTORAL

Doctor of Philosophy

Sloan School of Management

Jennifer Nancy Lee Allen

Thesis in the field of Management:
Essays on Understanding and Combating
Misinformation at Scale

Kayhan Behdin

Thesis in the field of Operations
Research: Statistical Learning with
Discrete Structures: Statistical and
Computational Perspectives

Mohammed Amine Bennouna

Thesis in the field of Operations
Research: Efficient Robustness and
Interpretability in Learning and Data-
Driven Decision-Making

Maya Bidanda

Thesis in the field of Management: Essays
on Entrepreneurship and Finance

Moïse Jean-Baptiste Marie Blanchard

Thesis in the field of Operations
Research: Fundamental Limits in
Learning for Generalizability, Data
Resilience, and Resource Efficiency

Matthew Patrick Cashman

(September, 2023)
Thesis in the field of Management:
Nothing to See, Nothing to Say, and
Noting How Much: Three Essays on
Information and Behavior

Kayla Spring Cummings

(September, 2023)
Thesis in the field of Operations
Research: Design, Planning, and Flexible
Operations for Collaborative Platform-
based Systems

Shuvomoy Das Gupta

Thesis in the field of Operations Research:
Advances in Computer-Assisted Design
and Analysis of First-Order Optimization
Methods and Related Problems

Timothy Harindra de Silva

Thesis in the field of Management: Essays
in Household and Behavioral Finance

Joanne Im

Thesis in the field of Management: Essays
in Financial Economics

Raquel Renee Kessinger

Thesis in the field of Management:
Speaking Up, Speaking Out, and Making
Movements: How Employee Activists
Raise Social, Political, and Moral
Concerns at Work

Keyan Li

Thesis in the field of Management: Essays
on Marketing Innovations

Jose Luis Lopez

Thesis in the field of Management: Essays
in System Dynamics for Operations
Management: Policy, Platforms and
Pricing

Claire Christine McKenna

(February, 2024)
Thesis in the field of Management: Essays
on Unemployment

James Corbett Mellody

Thesis in the field of Management: Essays
on Culture and Coordination

Arrow Minster

Thesis in the field of Management:
Closing the Voice Gap: Evidence from
a Hospital System's Empowerment
Program

Alex Vernon Moehring

Thesis in the field of Management:
Essays on Online Platforms and Human-
Algorithm Interactions

Zanele Tanyaradzwa Munyikwa

Thesis in the field of Management: Essays
on the Economics of Artificial Intelligence
and Future of Knowledge Work

Yury Olshanskiy

Thesis in the field of Management: Essays
in Financial Economics

Lindsey Raymond

Thesis in the field of Management:
Essays on the Economics of Algorithms,
Markets, and Organizations

Justin Rand Scott

Thesis in the field of Management: Essays
in Financial Economics

Sohil Shah

Thesis in the field of Operations
Research: Information Design for
Platform-Enabled Operations

Leann Pearl Geetha Thayaparan

Thesis in the field of Operations
Research: Analytics and Decision Making
in Sustainable Operations

Kimberly M. Villalobos Carballo

Thesis in the field of Operations
Research: Integrating Optimization and
Machine Learning: Theory, Computation
and Healthcare Applications

Gabriel Medaglia Voelcker

Thesis in the field of Management:
Attention To Retention: The
Informativeness Of Insiders' Decision to
Retain Shares

Haoyue Wang

Thesis in the field of Operations
Research: Large-Scale Algorithms for
Machine Learning: Efficiency, Estimation
Errors, and Beyond

Yifei Wang

Thesis in the field of Management: Three
Essays on the Role of Individualized Data
in Marketing

Emma Benz Wiles

Thesis in the field of Management: Essays
on Artificial Intelligence and Labor
Markets

Cynthia Zeng

Thesis in the field of Operations
Research: Multimodal Machine Learning
for Climate Change

SCHOOL OF SCIENCE, DOCTORAL

Doctor of Philosophy

School of Science

Yamilex Acevedo-Sánchez

Thesis in the field of Biology: An Obligate Intracellular Bacterial Pathogen Forms Extensive and Stable Interkingdom Contacts with the Endoplasmic Reticulum

Ammar Mohammed Alali

(February, 2024)

Thesis in the field of Geophysics submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Physics vs Data-Based Optimization Application in the Petroleum Industry Using Geophysical Inputs and Transformations

Stephanie Michelle Amtry

Thesis in the field of Chemistry submitted to the Department of Chemistry: Chemical Spin Patterning in Metal-Organic Frameworks

Gisele A. Andree

Thesis in the field of Chemistry submitted to the Department of Chemistry: Structural Investigation of Allosteric Regulation in Class III Ribonucleotide Reductases

Jason Lee Andresen

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Development of Chemically-Defined Platform Materials for Localized Delivery of RNA Therapeutics

Martin Arreola Villanueva

(February, 2024)

Thesis in the field of Computational and Molecular Biology submitted to the Department of Biology: Profiling, Modeling and Engineering of Human Tissue Responses for Clinical Interventions

Mariona Badenas Agusti

Thesis in the field of Planetary Sciences submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Small Stars, Big Data: Detection and Characterization of Polluted White Dwarfs in the Era of Machine Learning

Andrew Harrington Bahle

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Neural Dynamic Underlying and Auditory Memory for Song Learning

Jacob Scott Baker

Thesis in the field of Microbiology submitted to the Department of Biology: Lineage-Level Intraspecies Community Dynamics

Julius Baldauf

Thesis in the field of Mathematics: The Ricci Flow on Spin Manifolds

Juliet Charlotte Barker

Thesis in the field of Biology: How Much DNA is Too Much?

Jade Rose Bath

Thesis in the field of Microbiology submitted to the Department of Biology: Mucins Regulate Virulence and Colonization Factors in *Streptococcus Pneumoniae*

Jessica Claire Beard

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Leveraging the Photochemistry of *N*-Nitrosamines for Their Aqueous Detection, and Development of a Novel Hemi-Iptycene for Porous Polymers

Victoria Frances Beja-Glasser

(September, 2023)

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Investigating the Physiological Function of Alzheimer's Disease Risk Gene *ApoE4* in the Central Nervous System

David B. Berkinsky

Thesis in the field of Chemistry submitted to the Department of Chemistry: Optical Properties of Colloidal II-VI and III-V Semiconductor Nanocrystals: Single Nanocrystal Photon Correlation Spectroscopy

Alison Elizabeth Press Biester

Thesis in the field of Chemistry submitted to the Department of Chemistry: Structural Insights into Microbial One-Carbon Metabolic Enzymes: Ni-Fe-S-Dependent Carbon Monoxide Dehydrogenases and Acetyl-CoA Synthases

Adam Bayldon Block

Thesis in the field of Mathematics and Statistics submitted to the Department of Mathematics: Smoothed Online Learning: Theory and Applications

Daniel Paul Bollen

(September, 2023)

Thesis in the field of Biology: Reversible Germline Dynamics of *Caenorhabditis Elegans* during Exposure to *Pseudomonas Aeruginosa*

Trevor Michael Bostelaar

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Metallocluster Site-Differentiation and Subsite Selective Heterometal Substitution

Michael Samir Calzadilla

Thesis in the field of Physics: Evolution of Supermassive Black Hole Feedback in Galaxy Clusters

Hayden Monroe Carder

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Radical Tools to Transform Biomass Sugars

Leticia Cardoso da Costa

Thesis in the field of Chemistry submitted to the Department of Chemistry: Design of Cleavable Monomers and Cross-Linkers for the Synthesis of Degradable Polymer Architectures

Maria Alejandra Castellanos Morales

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Theoretical Design of Molecular Nanostructures for Exciton Control

Sarah Mary Chang

Thesis in the field of Biochemistry submitted to the Department of Biology: Control of Cellular Redox State and Biomass Synthesis

An Thien Chu

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Leveraging the Properties of Aprotic Solvents Towards Efficient Electrocatalytic Carbon Dioxide Reduction

Murilo Corato Zanarella

Thesis in the field of Mathematics: First Explicit Reciprocity Law for Unitary Friedberg-Jacquet Periods

Sebastian Thomas Coupe

(September, 2023)

Thesis in the field of Biophysics submitted to the Department of Biology: The Effects of DEAD-box Helicase Activity on Biomolecular Condensate Structure and Dynamics

Amanda Elizabeth Cowfer

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Investigation of Synthetic Proteins Produced via Automated Fast-Flow Peptide Synthesis

Andrés B. Crane

(February, 2024)

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Characterization of the Role of Differential Gene Expression and RNA Editing in *Drosophila* Tonic and Phasic Motoneuron Diversity

Gefei Dang

Thesis in the field of Mathematics: Local Newforms and Spherical Characters for Unitary Groups

Michael Richard Das

Thesis in the field of Biology: CAG Repeat Expansions Induce Cytoplasmic RNA Aggregation

Blake Stephensen Dastrup

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Time-Resolved THz Magnetospectroscopy: Techniques and Applications

Griffen James Desroches

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Mechanical Reinforcement and Property Tuning of Adhesive Elastomers with Polymer-Grafted Inorganic Nanoparticles

Zhihuan Dong

Thesis in the field of Physics: Interplay Between Correlation and Topology in Two-Dimensional Condensed Matter Systems

David Thomas Driscoll

Thesis in the field of Biology: The Role of Orc6 in ORC Binding-Site Switching During Helicase Loading

Gabrielle Drummond

(February, 2024)

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: The Role of Locus Coeruleus Norepinephrine in Reinforcement Learning

Lisa Valerie Drummond

Thesis in the field of Physics:

Gyroscopes Orbiting Gargantuan Black Holes: Spinning Secondaries in Extreme Mass Ratio Inspirals

Li Du

Thesis in the field of Physics: Super-Resolution Control of Ultracold Dipolar Atoms on a 50 nm Scale

Diana Dumit

Thesis in the field of Geochemistry submitted to the Department of Earth, Atmospheric, and Planetary Sciences: A Biogeochemical Investigation of Trunk River Lagoon, Falmouth, Massachusetts

Reuven Falkovich

Thesis in the field of Chemistry submitted to the Department of Chemistry: Synaptic Multimodal Imaging and Molecular Network Inference

Ardavan Farahvash

Thesis in the field of Chemistry submitted to the Department of Chemistry: Memory and Fluctuations in Chemical Dynamics

Charlotte Farquhar

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: The Discovery and Chemical Synthesis of Peptides and Proteins that Cross Biological Barriers

Nikole Louise Fendler

Thesis in the field of Biochemistry submitted to the Department of Biology: Characterization of DNA Binding and Entrapment by the Retroelement Silencing Factor MORC2

Alexandra C. Ferguson

(February, 2024)

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Maintenance and Metalearning of Time Interval Representations

Bryan Thomas Fichera

Thesis in the field of Physics: Ultrafast Spectroscopy and Control of Correlated Electron Systems

Atakan Hilmi Firat

Thesis in the field of Physics: Hyperbolic String Field Theory

Åsmund Schiager Folkestad

Thesis in the field of Physics: From Quantum Information to Cosmic Censorship: Emergent Spacetimes and Their Surfaces

Colin Emory Fowler

Thesis in the field of Biology: Targeting PRMT5 Impairs Cancer Proliferation through Splicing but Promotes State Shifts that Enable Resistance and Disease Progression

Elisabeth Marguerite Freese

(September, 2023)

Thesis in the field of Atmospheric Chemistry submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Energy Policy Impacts on Air Quality and Climate at the National, Regional and Global Scale

Danielle Frostig

Thesis in the field of Physics: The Wide-Field Infrared Transient Explorer (WINTER): A New Near-Infrared Time-Domain Survey

Dhruva Ganapathy

Thesis in the field of Physics: Expanding the Reach of Quantum Enhanced Gravitational-Wave Detectors

Sarah R. Geller

(September, 2023)

Thesis in the field of Physics: Cosmic Echoes of the Early Universe: From Primordial Black Holes to Gravitational Waves

Patrik Robert Gerber

Thesis in the field of Mathematics and Statistics submitted to the Department of Mathematics: Likelihood-Free Hypothesis Testing and Applications of the Energy Distance

JoLynn Barbara Giancola

Thesis in the field of Chemistry submitted to the Department of Chemistry: Cytosolic Delivery of Functional Biomolecules

Ana Glidden

(February, 2024)

Thesis in the field of Planetary Sciences submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Isotopes as a Tool for Exploring Exoplanet Atmospheres

Annika Lucienne Gomez

Thesis in the field of Microbiology submitted to the Department of Biology: Ecological Forces Affecting Microbial Eukaryotes in the Coastal Ocean

Shashi Gowda

Thesis in the field of Mathematics: Symbolic-Numeric Programming in Scientific Computing

Xin Gu

Thesis in the field of Chemistry submitted to the Department of Chemistry: Leveraging Radical Intermediate in Stereochemical Editing and Dehydrogenative Tailoring

Chuchu Guo

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Siderophore-Based Drug Repurposing of Platinum Anticancer Agents as Targeted Antibiotics and Investigation of Pt-Induced DNA Damage in Gram-Negative Bacteria

James Gregory Hall, Jr.

(September, 2023)

Thesis in the field of Geobiology submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Probing the Role of Clay Minerals in the Preservation of Organics and Soft Tissues

Jackson Russell Hance

(September, 2023)

Thesis in the field of Mathematics: Regularity of the Level Set Equation for Mean Curvature Flow with an Axis of Symmetry

Alasdair D. Hastewell

Thesis in the field of Mathematics: Robust Spectral Representations and Model Inference for Biological Dynamics

Victoria J. Hernandez

Thesis in the field of Biochemistry submitted to the Department of Biology: An Investigation of TorsinA Interaction Partners

Alice Lydia Herneisen

(September, 2023)

Thesis in the field of Biology: Multidimensional Profiling of the *Toxoplasma Gondii* Proteome

Kathleen Whitmore Higgins

Thesis in the field of Biology: Rapid Expansion and Specialization of the TAS2R Bitter Taste Receptor Family in Amphibians

Kimberly Kathleen Hollister

Thesis in the field of Chemistry submitted to the Department of Chemistry: Redox Flexible Borafluorenes and Borepins: Synthesis, Structural Analysis and Optoelectronic Properties

Eghbal Hosseini Asl

Thesis in the field of Computational Neuroscience submitted to the Department of Brain and Cognitive Sciences: Towards Synergistic Understanding of Language Processing in Biological & Artificial Systems

Susana Maria Hoyos Muñoz

Thesis in the field of Geochemistry submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Melting Processes in Planetary Interiors

Haojun Jia

Thesis in the field of Chemistry submitted to the Department of Chemistry: Revealing Structural and Spin-State Dependent Reactivity of Single Atom Catalysts (SACs) with Systematically Improvable Computational Tools

Robert Edward Johnston

(September, 2023)

Thesis in the field of Physics, Statistics, and Data Science submitted to the Department of Physics: Measurement of the Deeply Virtual Neutral Pion Electroproduction Cross Section off the Proton at 10.6 GeV Using the CLAS12 Detector

Min Gu Kang

(September, 2023)

Thesis in the field of Physics: Kagome Lattice Quantum Materials

Arun Shrinath Kannan

Thesis in the field of Mathematics: On Lie Theory in the Verlinde Category

Samuel Joshua Kaser

Thesis in the field of Chemistry submitted to the Department of Chemistry: Small Molecule Motion Within and Through Organic Nanomaterials: An Anthology

Carina Kauf

Thesis in the field of Computational Cognitive Neuroscience: The Relationship between Linguistic Representations in Biological and Artificial Neural Networks

Veda Dharma Khadka

Thesis in the field of Microbiology submitted to the Department of Biology: Staphylococci of the Skin: Consequences for Host Health

Landon James Kilgallon

Thesis in the field of Chemistry submitted to the Department of Chemistry: New Purification Strategies and Monomer Platforms for Ruthenium-Initiated Living Ring-Opening Metathesis Polymerization

Hunter Oren King

(February, 2024)
Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Branching Out: How a Planarian Neoblast Generates Cellular Diversity

Laurel Fay Kinman

Thesis in the field of Biophysical Chemistry and Molecular Structure submitted to the Department of Biology: Approaches to Quantitatively Analyze Protein Complex Assembly and Regulation

Daniil Kliuev

Thesis in the field of Mathematics: Positive Traces and Analytic Langlands Correspondence

Catherine E. Koch

Thesis in the field of Genetics submitted to the Department of Biology: Utilizing In Vivo Genome-Wide CRISPR-Cas9 Screens in Immunocompetent Mouse Models to Identify Novel Tumor Liabilities and Explore Mechanisms of Resistance to Chimeric Antigen Receptor T-cell Therapy

Vasily Krylov

Thesis in the field of Mathematics: Geometry and Representation Theory of Symplectic Singularities in the Context of Symplectic Duality

Swanny Aisha Lamboy Rodríguez

Thesis in the field of Biology: YAP and TAZ have Functionally Redundant Roles in Uveal Melanoma

Benjamin Bret Lane

Thesis in the field of Physics: Conditional Mechanical Squeezing of a Micromechanical Oscillator Approaching the Quantum Regime

Jae Hee Lee

Thesis in the field of Mathematics: Quantum Steenrod Operations of Symplectic Resolutions

Michael Alan Lee

Thesis in the field of Chemistry submitted to the Department of Chemistry: Experimental and Computational Advancements in Peptidomimetic Ligand Discovery

Jet Lem

(September, 2023)
Thesis in the field of Chemistry submitted to the Department of Chemistry: Materials at Extremes: Shock-Induced Fracture and Phase Transitions

Mandara Alexis Levine

(February, 2024)
Thesis in the field of Microbiology submitted to the Department of Biology: Temporal Gene Expression and Regulation in T4 Phage

Ishan Levy

Thesis in the field of Mathematics: The K-Theory of the Chromatic Filtration and the Telescope Conjecture

Noah Benjamin Lewis

Thesis in the field of Chemistry submitted to the Department of Chemistry: Mechanistic Studies of Interfacial Proton-Coupled Electron Transfer to Molecularly Defined Surface Sites

Bryan Lee Linehan

Thesis in the field of Physics: Transport Properties of Divertor Edge Plasmas Measured with Multi-Spectral Imaging

Bingxu Liu

(September, 2023)
Thesis in the field of Biology: Inheritance, Innovation, and Adaptation of Immune Systems: Regulation of the Innate Immunity Sensor Stimulator of Interferon Genes (STING)

Shuming Liu

Thesis in the field of Chemistry submitted to the Department of Chemistry: Understanding Chromatin Organization and Dynamics with Coarse-Grained Modeling

Tongtong Liu

(September, 2023)
Thesis in the field of Physics, Statistics, and Data Science submitted to the Department of Physics: Probing Entanglement and Symmetry Breaking Orders via Spectroscopies and Machine Learning

Chen Lu

(September, 2023)
Thesis in the field of Mathematics and Statistics submitted to the Department of Mathematics: Upper and Lower Bounds for Sampling

Gurrein Kaur Madan

(February, 2024)
Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Neural Basis of Persistent Behavioral States in the Nematode *C. Elegans*

Elias Nathaniel Mansbach

Thesis in the field of Geophysics submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Employing Magnetic Field Records at Key Moments in Planetary Evolution

Michael Mardini

(February, 2024)
Thesis in the field of Chemistry submitted to the Department of Chemistry: High Field Dynamic Nuclear Polarization Methods: Microwave Sources and Mechanisms

Luis Eduardo Martínez-Rodríguez

(February, 2024)
Thesis in the field of Biochemistry submitted to the Department of Biology: Understanding the Role of ORC ATP Hydrolysis

Conor Lee McMann

Thesis in the field of Biology: Positional Information in Adult Bilaterian Tissues

Zachary Molitor

Thesis in the field of Geology submitted to the Department of Earth, Atmospheric, and Planetary Sciences: The Structure and Behavior of Plate Boundary Regions Through the Wilson Cycle

Patrick H. Moran

(February, 2024)
Thesis in the field of Physics: Exclusive Phi Meson Electroproduction off the Proton at CLAS12

Calder Oakes Morton-Ferguson

Thesis in the field of Mathematics: Kazhdan-Laumon Categories and Representations

Seth William Musser

Thesis in the field of Physics: Strongly Correlated Electronic Matter: Phases and their Transport

Gil Namkoong

(September, 2023)
Thesis in the field of Chemistry submitted to the Department of Chemistry: Chemical Modification of Iron-Sulfur Cofactors

Wei Chieh Ng

Thesis in the field of Physics: Multifaceted Understanding of Accreting Neutron Stars and their Environments

Matthew Stephen Nicoletti

Thesis in the field of Mathematics: Dynamics on Integrable Lattice Models

Stephanie L. O'Neil

Thesis in the field of Physics: Environmental Impacts on Simulated Galaxy Properties

Julius Jacob Oppenheim

Thesis in the field of Chemistry submitted to the Department of Chemistry: Tailoring Metal-Organic Frameworks for Water Harvesting

Alexander Edward Ortiz

Thesis in the field of Mathematics: Sparse Fourier Restriction for the Cone

Jai Phiroze Padmakumar

(September, 2023)
Thesis in the field of Microbiology submitted to the Department of Biology: Genomically Encoded Logic Gates and Cell-Cell Communication Devices for the Implementation of a Cryptographic Hashing Algorithm in Living Cells

Chanyoung Park

Thesis in the field of Biology: Regulation of Fate Specification in Stem Cells of the Planarian *Schmidtea mediterranea*

Jeong Min Park

Thesis in the field of Physics: Emergent Quantum Phenomena in Magic-Angle Twisted Graphene Superlattices

Christopher Wesley Parsons

Thesis in the field of Geobiology submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Bridging the Gap Between Microbial and Metazoan Evolutionary History

Janet Jie Ying Peet

Thesis in the field of Chemistry submitted to the Department of Chemistry: Microbial Responses to Iron and Zinc Deprivation

Dimitra A. Pefkou

(September, 2023)
Thesis in the field of Physics: Gravitational Form Factors of Hadrons from Lattice QCD

Daniel Evan Piephoff

(February, 2024)
Thesis in the field of Chemistry submitted to the Department of Chemistry: Statistical Kinetics and Nonequilibrium Thermodynamics of Driven Systems: Stochastic Methods and Applications to Single-Molecule Biophysics

Barrett MacDonald Powell

Thesis in the field of Biology: Deep Learning Methods to Study Structurally Heterogeneous Macromolecules *In Vitro* and *In Situ*

Wenzer Qin

Thesis in the field of Physics: Illuminating the Cosmos: Dark Matter, Primordial Black Holes, and Cosmic Dawn

Mahdi Fouad Ramadan

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: The Cognitive and Neural Basis of Complex Decision-Making in the Primate Brain

Ali Ramadhan

(February, 2024)
Thesis in the field of Computational Earth, Atmospheric, and Planetary Sciences submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Data-Driven Ocean Modeling Using Neural Differential Equations

Joshua Ramette

Thesis in the field of Physics: Counterfactual Carving Exponentially Improves Entangled State Fidelity, and Other Methods

Jingyi Ren

Thesis in the field of Chemistry submitted to the Department of Chemistry: Tracing RNA Biography: In Situ Transcriptome Profiling by Novel Spatial Omics Technologies

Shruthi Rengarajan

Thesis in the field of Computational and Systems Biology submitted to the Department of Biology: Regulation of Human Sex-Linked Homologs DDX3X and DDX3Y and Phenotypic Consequences

Jacob Joshua Lee Rodriguez

(September, 2023)
Thesis in the field of Chemistry submitted to the Department of Chemistry: Modification of Biopolymers Using Palladium Oxidative Addition Complexes

Nicolas Romeo

(September, 2023)
Thesis in the field of Physics: Geometry and Transport in Development

Zane Marius Rossi

Thesis in the field of Physics: Functional Quantum Algorithms: A Mélange of Methods for Matrix Functions

Mark Ryan Saddler

(February, 2024)
Thesis in the field of Computational Neuroscience submitted to the Department of Brain and Cognitive Sciences: Task-Optimized Models of Human Hearing Link Perception and Neural Coding

Ashwin Sah

Thesis in the field of Mathematics:
Random and Exact Structures in
Combinatorics

Atharva B. Sahasrabudhe

Thesis in the field of Chemistry
submitted to the Department of
Chemistry: Multifunctional Wireless Gut-
Brain Neurotechnology

Allen Garrett Sanderlin

Thesis in the field of Biology:
Identification and Characterization of
Rickettsial Proteins at the Host-Pathogen
Interface

Mehtaab Sawhney

Thesis in the field of Mathematics:
Probabilistic and Analytic Methods in
Combinatorics

Arish N. Shah

Thesis in the field of Biology: Ribosome
Heterogeneity in Zebrafish Germ
and Soma Provides Insight into Gene
Expression During Development and
Disease

Sugandha Sharma

Thesis in the field of Neuroscience
submitted to the Department of Brain
and Cognitive Sciences: Modeling Spatial
Mapping, Memory and their Underlying
Mechanisms in the Hippocampal
Complex

Tsai-Ting Shih

(February, 2024)
Thesis in the field of Biology: ClpAP and
HslUV

Sara Kornfeld Simpson

Thesis in the field of Neuroscience
submitted to the Department of Brain
and Cognitive Sciences: Physiology
and Plasticity of Primary Visual Cortex
in Wild-Type and Fragile X Syndrome
Model Mice

Avinoam Aryeh Singer

Thesis in the field of Biochemistry
submitted to the Department of Biology:
Elaboration of the Homer1 Recognition
Landscape Reveals Incomplete
Divergence of Paralogous EVH1 Domains

Kristin Andrykovich Singh

Thesis in the field of Biology: Human-
Mouse Neural Crest Chimeras as a Novel
Model for Human Melanocyte Biology in
Development and Disease

Brighton Alexander Skeel

Thesis in the field of Chemistry submitted
to the Department of Chemistry:
Experimental Characterization of Iron-
Sulfur Cluster Excited States and their
Relevance to Electron Transfer Reactions

Emilie Josephine Skoog

(September, 2023)
Thesis in the field of Geobiology
submitted to the Department of Earth,
Atmospheric, and Planetary Sciences:
Elucidating Microbial Interactions,
Adaptations, and Evolution Under
Extreme Environmental Conditions in
Modern Microbial Mats from Shark Bay,
Western Australia

Michael Alexander Skuhersky

Thesis in the field of Neuroscience
submitted to the Department of Brain
and Cognitive Sciences: An Integrated
Approach for Caenorhabditis Elegans
Nervous System Simulation

Joseph Smolsky

(September, 2023)
Thesis in the field of Physics: Ion Source
Development for IsoDAR and Multi-
Messenger Astrophysics with KamLAND

George Stepaniants

Thesis in the field of Mathematics and
Statistics submitted to the Department
of Mathematics: Inference from Limited
Observations in Statistical, Dynamical,
and Functional Problems

Kayla Roberta Storme

(February, 2024)
Thesis in the field of Chemistry
submitted to the Department of
Chemistry: Designing Microporous
Polymers for Separations

Felipe Suarez Colmenares

(September, 2023)
Thesis in the field of Mathematics:
Perspectives on Geometry and
Optimization: From Measures to Neural
Networks

Yitian Sun

Thesis in the field of Physics:
Understanding Dark Matter through
Indirect Detection, Simulation, and
Machine Learning

Eric Rueyhao Sung

(February, 2024)
Thesis in the field of Chemistry
submitted to the Department of
Chemistry: Developments in THz
Polaritonics: Towards Integrated
Nonlinear THz Spectroscopy

Deepsing Syangtan

Thesis in the field of Chemistry
submitted to the Department of
Chemistry: Carbohydrate-Protein
Interactions in Stem Cells and Gut
Microbiome

Rachel Eموke Szabo

(September, 2023)
Thesis in the field of Microbiology
submitted to the Department of Biology:
The Ecology of Prophages at the
Microscale

Sarah Elizabeth Tammen

(September, 2023)
Thesis in the field of Mathematics:
Incidence Problems for Slabs

Andrew Tan

(February, 2024)
Thesis in the field of Physics: Towards
a Resource Theory of Fault-Tolerant
Computation

Bryan Yuk-Wah Tang

(September, 2023)
Thesis in the field of Chemistry
submitted to the Department of
Chemistry: Reaction Condition
Dependence of Different Overpotential
Components in Electrochemical
Hydrogen Catalysis

John Michael Tauber

(February, 2024)
Thesis in the field of Neuroscience and
Statistics submitted to the Department
of Brain and Cognitive Sciences:
Statistical Modeling of Disrupted Sensory
Processing during Propofol Mediated
Unconsciousness

Katherine Irene Taylor

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Methods for the Study of Galactofuranose

Wei Lun Toh

(September, 2023)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Mechanistic Underpinnings of Efficient Chemical-to-Electrical Energy Interconversion in Bipolar Membranes

Adam Morris Willner Trebach

(February, 2024)

Thesis in the field of Physics: Unraveling the Reconfiguration Dynamics of Silver Nanowire Networks under Electrothermal Stress

Katherine Rachel Tsimring

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Cellular and Synaptic Basis of Mouse Binocular Cortical Circuit Development

Nolan Thomas Tucker

(February, 2024)

Thesis in the field of Genetics submitted to the Department of Biology: The Pro-Apoptotic Function of CED-9 Requires a CED-9-CED-4 Interaction

Roger Wolcott Van Peski

(September, 2023)

Thesis in the field of Mathematics: Asymptotics, Exact Results, and Analogies in p -adic Random Matrix Theory

Jade Eliya Varineau

Thesis in the field of Biology: A Common Cellular Response to Broad Splicing Perturbations

Brian Gregory Vassallo

(September, 2023)

Thesis in the field of Biology: Host-Bacteria-Virus Interactions in *Caenorhabditis elegans*

Martín Vélez Pardo

(February, 2024)

Thesis in the field of Atmospheric Science submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Convective Dynamics of the Tropical Atmosphere in Three Idealized Approaches

Vyshnavi Vennelakanti

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Interplay of Transition Metals and Noncovalent Interactions in C-H Activation Catalysis

Katherine Leigh Walker

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Studies on Stereospecific Diketopiperazine Oxidation and Applications to the Synthesis of Complex Epidithiodiketopiperazines

Danielle Y. Wang

Thesis in the field of Mathematics: Twisted Gan-Gross-Prasad Conjecture for Unramified Quadratic Extensions

Jingyi Wang

Thesis in the field of Physics, Statistics, and Data Science submitted to the Department of Physics: Spectral-Timing Observations of Disk-Jet Coupling in Black Hole X-ray Binaries

Annie Yuan Wei

Thesis in the field of Physics: Entanglement and Chaos in Quantum Field Theory and Gravity

Catherine Cawley Wolfram

Thesis in the field of Mathematics: Random Geometry in Two and Three Dimensions

Evans Christian Wralstad

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Exploring and Exploiting Ribonuclease I: from Protein Biochemistry to Protein Engineering

Yifan Wu

(February, 2024)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Design, Synthesis and Applications of Versatile Porous Poly(arylene ether)s

Acer Eliot Xu

Thesis in the field of Biology: Screens for Non-Eukaryotic Initiation Factor Two Alpha Dependent Activation of ATF4 Translation

Kathryn Marie Yammine

Thesis in the field of Chemistry submitted to the Department of Chemistry: Procollagen Folding in Health and Disease

Jinyi Yang

Thesis in the field of Chemistry submitted to the Department of Chemistry: Leveraging Noncovalent Interactions to Design Peptides and Their Assemblies

Anna Yeh

(September, 2023)

Thesis in the field of Biology: Bitesize Bundles F-Actin and Influences Actin Remodeling in Syncytial *Drosophila* Embryo Development

Pu Yu

Thesis in the field of Mathematics: Conformal Welding of Random Surfaces from Liouville Theory

Dae Hee Yun

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Illuminating the Brain: Advances in High-Resolution, Multi-Scale Proteomic Labeling and Imaging

Hadiqa Zafar

Thesis in the field of Chemistry submitted to the Department of Chemistry: Design and Synthesis of Stimuli-Responsive Polymers with Programmable Cleavability

Annie Zhang

(September, 2023)

Thesis in the field of Biochemistry submitted to the Department of Biology: Changing Protein-DNA Interactions Promote ORC Binding Site Exchange during Replication Origin Licensing

Irene H. Zhang

(September, 2023)

Thesis in the field of Microbiology
submitted to the Department of Biology:
Ecology and Adaptation of Denitrifiers
across Genomes and Environments

YiYu Zhang

(September, 2023)

Thesis in the field of Mathematics: Koszul
Duality and the Bar Spectral Sequence

En Ze Linda Zhong-Johnson

Thesis in the field of Biochemistry
submitted to the Department of Biology:
Biochemical Analysis of Poly(ethylene
terephthalate) Film Degradation Kinetics
of Engineered *IsPETase* Variants

AWARDED JOINTLY WITH THE WOODS HOLE OCEANOGRAPHIC INSTITUTION, DOCTORAL

Doctor of Philosophy

Cory Ailin Berger

(February, 2024)

Thesis in the field of Biological Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Exploring Circadian Rhythms, Food Intake, and Their Interactions in Marine Invertebrates

Luka Anthony Catipovic

(February, 2024)

Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Interactions between Rivers and Coastal Margins in the Alaskan Arctic

Samantha Jade Clevenger

(February, 2024)

Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Investigating the Ocean's Biological Pump Using Thorium-234 and Polonium-210

Blake Ian Barry Cole

Thesis in the field of Mechanical Engineering: Wingsail Design Methodology and Performance Evaluation Metrics for Autonomous Sailing

Alia Shifa Hidayat

Thesis in the field of Biological Oceanography submitted to the Department of Biology: Assessing the Impact of Domoic Acid Exposure on the Zebrafish (*Danio Rerio*) Brain Across Multiple Life Stages

Henry Cameron Holm

(February, 2024)

Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Microbial Glycerolipids in the Global Ocean: Environmental Controls and Sinking Flux Dynamics

Stewart Christopher Jamieson

Thesis in the field of Autonomous

Systems submitted to the Department of Aeronautics and Astronautics: Enabling Human-Multi-Robot Collaborative Visual Exploration in Underwater Environments

Rachel E. Kahn

(February, 2024)

Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Broadband Acoustical Scattering in Coastal Environments: Application to Gelatinous Organisms and Gas Microbubbles

Jennifer Shizu Karolewski

Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Coupled Cycling of Metals with Nitrogen and Carbon in Aquatic Systems

Hanyuan Liu

(September, 2023)

Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: The Behavior of the Atmospheric Boundary Layer in the Vicinity of the Gulf Stream Sea Surface Temperature Front

Donald Edward Martocello III

Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: The Impact of Metals and Other Stress Factors on Microbial Ammonia Oxidation Physiology and Isotope Effects

Joanna Dudley Millstein

(February, 2024)

Thesis in the field of Geophysics submitted to the Department of Earth, Atmospheric, and Planetary Sciences: The Flow and Fracture of Antarctic Ice Shelves

Brendan William O'Neill

(September, 2023)

Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Adaptive AUV-assisted Diver Navigation for Loosely-Coupled Teaming in Undersea Operations

Jordan Avery Pitt

(February, 2024)

Thesis in the field of Biological Oceanography submitted to the Department of Biology: Assessing the Accumulation of Microplastics and Their Associated Impacts on Marine Life

John Edward San Soucie

Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Inference and Robotic Path Planning over High Dimensional Categorical Observations

Paris Smalls

(September, 2023)

Thesis in the field of Marine Geophysics submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Pore Pressure Observations and Joule Heating, Magmatic Intrusions at Continental Rifts, and Microseisms in Yellowstone Lake

Bethany Lynn Fowler Stevens

(September, 2023)

Thesis in the field of Biological Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Picophytoplankton of the Northeast U.S. Shelf: Community Composition and Dynamics

Ruijiao Sun

(September, 2023)

Thesis in the field of Biological Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Causes and Consequences of Pair-Bond Disruption in Monogamous Species

Logan Ashley Tegler

(February, 2024)

Thesis in the field of Geochemistry submitted to the Department of Earth, Atmospheric, and Planetary Sciences: From the Atmosphere to the Abyss: Tracing Organic Carbon Deposition, Cadmium Isotopes, and Iron Cycling Using Marine Sediments

Zachary John Corey Tobias

Thesis in the field of Marine Biology submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Genomic and Physiological Adaptation to Temperature in the Invasive Golden Star Tunicate (*Botryllus Schlosseri*)

Jessica Eve Todd

Thesis in the field of Aeronautics and Astronautics: Adaptive Robotic Search and Sampling of Sparse Natural Phenomena

Anna Nicole Walsh

(September, 2023)

Thesis in the field of Environmental Chemistry and Chemical Oceanography submitted to the Department of Civil and Environmental Engineering: Connecting Consumer Plastic Formulations to Marine Fates and Impacts

Yilang Xu

Thesis in the field of Civil and Environmental and Oceanographic Engineering submitted to the Department of Civil and Environmental Engineering: Processes of Stratification Breakdown and Restratification in Antarctic Coastal Polynyas

MILITARY COMMISSIONS

United States Air Force

2nd Lieutenant

Micah Borrero

Edenna Chen

Jesse Cummings

Timothy Grazier

Liberty Ladd

Ashley Luo

Remeyn Mechura

Lucy Nester

Sarah Sams

Morgan Schaefer

Grant Thomas

Christopher Wong

Spencer Yoder

Charlotte Wickert

United States Army

2nd Lieutenant

Joseph Cahaly

Joaquin Cruz

Mark Mosser

Nicholas Schultz

United States Navy

ENS

Thomas Brooks

Edward Finman

Aidan Hallinan

Vishakk Rajendran

Index of Degree Recipients

A

- Abbas, Hassan A. 59
Abbas, Raza S. 11
Abdallah, Mahdi H. 6
Abdalla, Mohamed O. 61
Abdelghani, Omar 18
Abdelrahman, Mona M. 73
Abdo, Hadeel A. 33
Abdullah, Muhammad 6
Abdulrezak, Ayyub 6
Abede, Pamela D. 17
Abel, Samuel A. 52
Abiram, Maya V. 6
Abouzid, Omar 61
Abraha, Haben Y. 61
Abraham, Amanial H. 4
Abraham-Igwe, Adanna C. 6
Abu Daoud, George 6
Abulhamayel, Alanoud 61
Acevedo-Sánchez, Yamilex 98
Ackert, Nicholas W. 57
Acoff, Peyton T. 18
Acosta, Daniel 20
Acosta De León, Pedro L. 37
Acquaviva, Samuel T. 73
Adair, James R. 6
Adams, Jacob L. 79
Adams, James K. 6
Adams, Zachary K. 37
Addae, Maxwell K. 28
Addala, Vaishnavi L. 4
Addanki, Sowmya 52
Adelabu, Alexander A. 32, 61
Ader, Austin E. 67
Adeyemi, Foyinsola T. 51
Adler, Eden N. 44, 52
Adrian, Patrick J. 79
Afrifa, Kwesi 1
Afzal, Moaz 58
Agarwal, Shreya 2
Agmon, Yael 58
Agrawalla, Bhavya Kumar B. 20
Agrawal, Malhaar 16
Agrawal, Pranay 68
Agrawal, Siddhant 32, 61
Agrawal, Surbhi 25
Aguiar, Marcelo O. 33, 61
Aguilar Valencia, File J. 6
Aguirre Algara, Cristina 51
Ahaneku, Brian C. 22
Ahlmark, Rachel 12
Ahmad, Mohd 61
Ahmedhussain, Masarah A. 4
Ahuactzin-Garcia, Emilio 15
Aibinder, Samantha R. 25
Aizawa, Yu 61
Aizman, Anastasia 25
Akdogan, Merve 24
Akeju, Maleek A. 61
Akinbo, Tolulope O. 4
Akmal, Shyan S. 79
Akoto, Amos A. 61
Akwiwu, Andrea O. 18
Al-Adhami, Khaleel 6
Alagarwamy Govindaraj, Venkatesh 59
Alali, Ammar M. 98
Alasmari, Ali M. 18
Alberdi, Sebastian N. 6
Albers-Schönberg, Nicolás O. 61
Ablehed, Omar A. 58
Alcantar, Miguel A. 79
ALDebasi, Feras 58
Aldhalaan, Abdullah A. 61
Alencar Coelho, Alana 58
Alexander, Alyssa M. 61
AlHajri, Mohamed I. 79
Alhakbani, Alanoud O. 30
Alharbi, Meshal A. 30, 44
Alhumaidi, Amjad 61
Ali, Ayesha 37
Alibrahim, Ibrahim S. 61
Alikaya, Tunca 59
Alismail, Fahad S. 58
Aljawi, Ghassan A. 3
Alkhafaji, Yaseen S. 37
Alkhouli, Mohamad Adnan 59
AlKhurisi, Mohammed H. 18
Allan, Matthew F. 79
Allen, Jennifer N. 97
Allen Jr., Christopher H. 24
Allen Jr., Tracy J. 25, 61
Allen, Kelcey A. 12
Allison, Asia M. 33, 55
Allmond II, Derek M. 2
Allouch, Maxime A. 71
Almahmoud, Aljumana 79
Almajnoui, Yazan 22
Almasri, Nasir T. 95
Almazroa, Noor 30
Alnasser, Faisal I. 32
Alnasser, Muhammad S. 4
Alomar, Abdullah O. 79
Alongi, Joseph A. 19
AlRamadhan, Dalal 67
Alrifai, Hajar 24
AlSadah, Yousif F. 52
Alshalan, Meshal M. 48
Alsup, Kaitlyn N. 61
Altae-Iran, Han R. 79
Altala, Anthony R. 2
Aluko, Ayobami O. 58
Aluru, Amulya S. 43
Alus, Avri 36, 37
Alvarado Álvarez, Carlos A. 22
Alvarez, Isabel K. 2
Alvarez, Micaela B. 59
Alvarez, Ronald 20
Amer, Aya G. 79
Amich, Jose Maria 61
Amirbekov, Sergali 58
Amstutz, Caroline 24
Amtry, Stephanie M. 98
Ananthabhotla, Bhavani 30
Anderfaas, Louise 4
Andersen, Henry N. 37
Anderson, Luke G. 18
Anderson, Madeline L. 44
Anderson, Warren V. 52
Ando, Ryunosuke 58
Andrade, Marco A. 4
Andree, Gisele A. 98
Andresen, Jason L. 98
Ang, Jian Wei 58
Anouti, Ghida J. 24
An, Qi 67
Ansari, Natasha 25
Antilla, Sarah A. 79
Antonante, Pasquale 79
Antonioli, Marco 67
Anton, Laurentiu L. 44
Anupam, Sagnik 6
Aoki, Tomonoshin 52
Aoshima, Naofumi 52
Appel, Grant F. 49
Araínejad, Layla S. 30
Aranovich, Ilya L. 59
Arase, Cathleen 33
Arayath, Athira 19
Arcieri, Rocco 68
Ardolino, Ethan T. 6
Aristov, Nikolay 51
Arizti Sanz, Jon 79
Armas Saenz, Juan Pablo 61
Armstrong, Grace R. 3
Armstrong, Les G. 30, 44
Armstrong, Makena 13
Armstrong, Ryan G. 17
Arnold, Olivia J. 79
Arpaci-Dusseau, Anna A. 37
Arreola Villanueva, Martin 98
Arrese Mata, Claudia 67
Arrighi, Alberto 61
Arruda, Gabriel 17
Artemova, Evgeniya 20
Arterburn, Meredith E. 18
Arunandhi, Pranav 6
Arun, Venkat 79
Arya, Gaurav 20
Asa, Henry J. 2
Asherov, Daniel 95
Asher, Roy 53
Ashley, Savannah J. 11
Aslarus, Jacqueline T. 4
Athalye, Ashay 37
Athanasopoulou, Karolina 59
Atkinson, Eric H. 79
Attah, Ochiba M. 11, 43
Aucoin, Julianna R. 61
Aude, Andrea 12
Avery, Joanna K. 59
Avila Padilla, Carmen M. 15
Av-Ron, Sarah H. 79
Ayala Mennechey, Andres A. 51

Ayorinde, Ibitola A. 61
Aytas, Tunahan 79
Azzouz, Raafat 58

B

Babiak, Borys 68
Bachstein, Benedict J. 59
Badenas Agusti, Mariona 98
Badilla Santana, Dafne F. 67
Baek, Irina D. 61
Bae, Yunbeen 13
Baeza Soffia, Maria T. 61
Baghestani, Saman 61
Bagree, Tanmay 68
Bahle, Andrew H. 98
Bai, Jane 2
Bailey, Brian A. 73
Bailey, Kathleen R. 12
Bajaj, Taniya 61
Baker, Jacob S. 98
Bakker, Nicole 29
Balaji, Purvaja 6
Balakumar, Kavitha 51
Balasingam, Arjun V. 80
Baldauf, Julius 98
Baltin, Viktor 14
Banerjee, Arjun 69
Banerjee, Eesha 6
Bangaru, Sai Praveen 80
Bannister, K'yal R. 80
Banuelos, Gildardo 6
Bao, Caroline 43
Bao, Claire X. 6, 37
Barabas, Chelsea M. 76
Barba da Costa, Mauricio 20
Bardera Echeverria, Artur 58
Barker, Juliet C. 98
Barlow, Braden J. 17
Baroni, Elena 69
Barrett, Gabriel C. 26
Barron, Brendan 61
Barros Rubio, Juan P. 59
Bartlett Fernandez, Sebastian 4
Bartusch, Moritz 67
Baston, Lucas A. 48
Bath, Jade R. 98
Bathla, Dhruv 61
Batres Rodriguez, Maria D. 6
Battikha, Christina D. 24
Bauer, Melissa M. 13
Baugher, Nabil V. 20
Bautista Pérez, Laura E. 58
Bautista, Samantha M. 61
Baverez, Olivier 69
Baviskar, Shantanu S. 51
Bawa, Arsh 69
Bazakas, Eliza J. 13
Bean, McCoy S. 61
Beard, Jessica C. 98
Beatty, Alyssa P. 59
Becerril, Kimberly S. 26
Becker, Kevin J. 34
Beck, Tobias F. 61
Behdin, Kayhan 97
Behl, Saloni S. 59
Beilstein, John R. 53
Beja-Glasser, Victoria F. 98
Bejarano, Andrea L. 61
Bejatovic, Marko 61
Belemkoabga, Franck N. 4
Belkhiri, Amjed 67
Belleque, Bethany A. 15
Bellisle, Rachel F. 80
Bell, Katherine E. 18
Bello Medina, Javier A. 61
Bell, Zachary A. 67
Belser, Christian A. 37
Benallo, Ashley M. 20
Benares, Isabel P. 61
Benavides, Daniel M. 6
Benckekroun, Mohammed Ali 67
Bennani, Taieb 71
Bennis, Mohamed Karim 59
Bennouna, Mohammed Amine 97
Bennouna, Omar 44
Bentley, Sarah G. 21
Beppu, Shotaro 57
Berberian, Eva T. 4
Berger, Adam G. 80
Berger, Cory A. 106
Berger, Jonathan S. 17
Berkinsky, David B. 98
Berkovic, Alexandre 67
Bernhardt, Elizabeth M. 34
Bernstein, Liane S. 80
Berón Echavarría, David 26
Berrones, Antonio 37
Berta, Andrew R. 16
Bertrand, Jean Herode 51
Berzolla, Zachary M. 76
Besa Bandeira, Andrés 61
Besa Lehmann, Jorge A. 53
Bhagchandani, Sachin H. 80
Bhakta, Shivam 32, 61
Bhatia, Esha 22
Bhatia, Prianka 61
Bhat, Kirthana 61
Bhatnagar, Amogh 6
Bhattacharya, Amrita 58
Bhattacharya, Joy S. 11
Bhide, Ashwin 61
Bhimavarapu, Ishita 3
Bhopaul, Michael V. 19
Bhuwalka, Karan 80
Bian, George C. 37
Bidanda, Maya 97
Bielajew, Rachel S. 80
Biester, Alison E. 98
Bi, Haixin 80
Bilal, Ekin 24
Billings, Jordan A. 56
Binbas, Berkin 19
Binisti, Sacha 69
Bin Nur Aziz, Nur Izzat Aiman 61
Bishop, Brittany E. 49
Biswas, Sayandeep 48
Bitman, Elizabeth 17
Blaine, Theodore A. 59
Blair, Stephanie A. 61
Blake, Kaleb A. 34
Blanchard, Moïse J. 97
Blanks, Lauren J. 30
Bleyenbergh III, William J. 18
Block, Adam B. 98
Blomfield, Timothy R. 61
Boakye, Nadine A. 58
Boaron, Fabrizio U. 51
Boix, Enric 80
Bolino, Lindsay A. 14
Bollen, Daniel P. 98
Bolli Jr., Roberto A. 34
Bolzan, Maximilian A. 4
Bolze, Naomi P. 61
Bonaker, Nicholas R. 37
Bonavia, Joseph E. 34
Bonet Olano, Oscar 51
Bonheure, Guillaume 67
Boonsiriseth, Krit 37
Booth, Serena L. 80
Bordelon, Grant M. 3
Boronkay, Cadence W. 2
Borrero, Micah M. 13
Boshar, Sam T. 37
Bostelaar, Trevor M. 98
Botshekan, Meshkat 80
Bourguignon, Mathieu 61
Boye-Doe, Jessica B. 20
Boyer, Sebastien W. 61
Brabec, Cole 44
Brabson, Tamara B. 12
Bradley, Christian P. 61
Brammah, Nasiru 58
Brandt, Laura E. 80
Brant, Penny E. 11
Brashear, Robert W. 3
Brattley, Allison N. 19
Braunstein, Leighton A. 61
Brazier, Justin R. 24
Breux III, Eugene M. 61
Bredenkoetter, Ellen M. 61
Brei, Melissa 34
Brennan, Katherine E. 3
Brice, James V. 24, 32
Briceno Brignole, Raul Manuel 26, 61
Britsch, Mikayla J. 2
Britten, Thomas S. 69
Bronnimann, Madison M. 13
Brooks, Thomas E. 3
Broski, Annalisa J. 73
Brotheridge, Balyn G. 18
Broussard, Isaac J. 14
Brown, Alinna A. 61
Brown, Daelin S. 57
Brown, Nicholas C. 61
Bruce, Samuel G. 4
Bruno, Simone 80
Bryce, Noah A. 11
Brzeski, Richter M. 4
Buckle, Dankwa 13
Budiman, Jeremiah H. 37
Buffett, Howard W. 59
Bui, Eric Q. 4

Bui, Huong T. 61
 Bulan, Faith E. 3
 Bulic Braculj, Luka 16
 Bundy, Adam M. 4
 Burgos, Bryan N. 16
 Burke, Adam T. 24
 Burke, Bonita J. 59
 Burns, Kara 62
 Burns, Max J. 3
 Burton, Daryl J. 69
 Bustos, Nicole A. 80
 Busuito, Brandon C. 62
 Busza, Monica M. 6
 Butler, Robin C. 62
 Butoi, Victor I. 44
 Buznitsky, Kyle J. 34
 Byiringiro, Paterne 6

C
 Cahaly, Joseph P. 6
 Cai, Cathy 37
 Caichen, Alicia Y. 17
 Cai, Han 80
 Cai, Jenny 6
 Cai, Miranda J. 37
 Cai, Sabrina J. 6
 Cai, Wenxin 69
 Callan, Tess A. 34
 Callaway, Joshua M. 14
 Calzadilla, Michael S. 98
 Camacho, James 11
 Camacho, Joseph A. 21
 Campbell Ramírez, Stephen J. 4
 Campos Durand, Diego A. 51
 Cancio, Kendrick D. 34
 Cang, Yuqing 62
 Cantu, Quincy S. 6
 Cantu, Santiago A. 16
 Cantu Villarreal, Maria de Loreto 51
 Canty, Richard B. 48, 80
 Cao, Honghao 44
 Cao, Joanna Y. 21
 Cao, Shurui 67
 Cao, Yixiao 69
 Capelin, Daniel J. 62
 Capolino, Giuseppe E. 62
 Capozzi, Bennett 26
 Cappon, Erica I. 62
 Caraballo Justiniano, Eugenio J. 34
 Caragiulo, Lucas R. 4
 Carder, Hayden M. 98
 Cardoso da Costa, Leticia 98
 Carlo, Isabella S. 18
 Caros, Nicholas S. 80
 Carrasquillo Martinez, Diego J. 62
 Carratu, Christopher L. 17
 Carriker, Bella C. 24
 Carroll, Alex M. 51
 Carter, Christopher P. 34
 Carucci Alvarez, Maria G. 24
 Casarin de Oliveira, Rodrigo 58
 Case, Michael C. 53
 Case, Tegan L. 58
 Cashman, Matthew P. 97

Casillas, Enrique 38
 Casper, Stephen M. 44
 Castaño, Juan F. 62
 Castellanos Morales, Maria Alejandra 98
 Castro, Nicolas S. 34
 Castro Ornelas, Rubén 34
 Caswell, Courtney E. 59
 Catipovic, Luka A. 106
 Ceballos Mondragon, Regina 44, 62
 Ceco, Irma 2
 Celeste Junior, Carlos Eduardo 34
 Cesaratto, Marco G. 17
 Chacko, Priya S. 34, 62
 Chadaga, Sathwik P. 49
 Chadwick, Emma C. 5
 Chai, Lauren A. 80
 Chai, Lucy R. 80
 Chakladar, Sundeep 18
 Chakrabarti, Abhranil 67
 Chamdal, Harshal 38
 Chan, Cheng-Hsin 24
 Chandar, Yatin J. 13
 Chandler, Joseph A. 6
 Chang, Cheng 33
 Chang, Cody W. 51
 Chang, Heng-Jui 44
 Chang, Heng-Jui 18
 Chang, Sarah M. 99
 Chan, Lynette X. 13
 Chan, Manwei 80
 Chan, Wing Lam 13
 Chao, Bryan K. 58
 Chao, Sichen S. 21
 Chapman, Luke A. 2
 Charoenboonvivat, Yana 49
 Chaudhary, Shivani 69
 Chaudhuri, Anushree 1, 26
 Chau, Eileen X. 38
 Chauhan, Rohit S. 28
 Chavagnat, Florian 80
 Chavalithumrong, Alissa L. 49
 Chávez Fernández del Busto, Juan M. 24
 Cha, Yoonseo 28
 Cheerla, Anika 38
 Chemparathy, Anugrah G. 7
 Chen, Alan 44
 Chen, Alice 7, 38
 Chen, An Bo 7
 Chen, Audrey Y. 3
 Chen, Boyuan 44
 Chen, Cecilia D. 7
 Chen, Daniel 7
 Chen, David J. 11
 Chen, Edenna H. 5
 Chen, Erica 3
 Chen, Evy W. 72
 Chen, Fulang 95
 Cheng, April Q. 19
 Cheng, Chi-Li 24
 Cheng, Ellie Y. 44
 Cheng, Emily 21
 Cheng, Kimberley 4
 Chen, Gracy 62
 Chen, Hao 34

Chen, Helen 13
 Chen, Huaibo 34
 Chen, Huili 76
 Chen, Ian S. 4
 Chen, Jackie 44, 62
 Chen, Jasmine J. 20
 Chen, Julia M. 17
 Chen, Jun 59
 Chen, Kevin C. 80
 Chen, Kevin S. 38
 Chen, Linda W. 7
 Chen, Mindi M. 62
 Chen, Qiwei 71
 Chen, Richard P. 62
 Chen, Rujian 81
 Chen, Sean 19
 Chen, Shirin 62
 Chen, Sijie 81
 Chen, Sophia 3
 Chen, Stacey 62
 Chen, Stanley 11
 Chen, Tammy 11
 Chen, Tao 81
 Chen, Tiffany T. 38
 Chen, Tina T. 11
 Chen, Tingyu 69
 Chentouf, Abdellatif Anas 21
 Chen, Vincent T. 7
 Chen, Wei-Tung 38
 Chen, Xi 81
 Chen, Yimai 48
 Chen, Yiming 21
 Chen, Yu Jing 26
 Chen, Zhanyi 25
 Chen, Zhi 58
 Chen, Zitong 5
 Cherner, Phillip I. 38
 Cherukuri, Rohan 7
 Cheslack, Helena R. 75
 Chesterkine, Vassili N. 67
 Cheung, Kam Y. 14
 Cheung, Sophia 33
 Cheung, So Yee 73
 Chew Ming Chang, Matthew D. 51, 62
 Chifamba, Kundai T. 62
 Chifamba, Natasha N. 58
 Chin, Angelica A. 11
 Chin, Austin 13
 Chin, Christopher H. 81
 Chinn, Itamar S. 44
 Chintalapudi, Sahit 44
 Cho, Chu 51
 Cho, Eunsoo 79
 Choi, Eunseo 30, 44
 Choi Kim, Diana 58
 Choi, Kyung Yun 76
 Cho, Inho 81
 Choi, Seou 44
 Choi, Seo Woo 81
 Choi, Seoyeon 19
 Choi, Shelley J. 38
 Choi, Sun Mee 4
 Cho, Joonhyuk 44
 Choksi, Namit P. 62

Chomphoochan, Thanadol 7
 Chongsathapornpong, Jade 19
 Cho, Sungi 62
 Chotangada, Gautham S. 28
 Chowdhuri, Sauhaarda 11
 Chowdhury, Mitali 14
 Chowdhury, Promia 7
 Chowdhury, Raunak 7
 Chowdhury, Shoumik D. 44
 Chow, Eric 62
 Cho, Yeji 14
 Cho, Yukio 81
 Christian, Michael 62
 Christoffersen, Phillip J. 44
 Christopher 28
 Chuang, Ching-Yao 81
 Chuang, Keenly S. 38
 Chuang, Yung-Sung 44
 Chu, An T. 99
 Chuharski, Jake M. 21
 Chu, Lai Wa 2
 Chun, Ethan L. 11
 Chung, Daniel J. 67
 Chung, Dawon 62
 Chung, Seo Yeon 5
 Chung, Sunho K. 50
 Chun, Sydney S. 20
 Church, Richard B. 81
 Ciepley, Nicholas J. 14
 Clariond, Juan E. 59
 Clarke, Lauren E. 81
 Clark, Emily C. 59
 Clark, Keanu A. 11
 Clark, M Alicia T. 59
 Clarkson, Charles J. 59
 Cleary, Paul R. 69
 Clevenger, Samantha J. 106
 Clingerman, Matthew H. 51
 Cmehil-Warn, Christian E. 30, 44
 Cobb, Tamea M. 12
 Cochran, Corinne S. 53
 Cocking, Chelsi A. 28
 Coello, Diego A. 5
 Coen II, William G. 28
 Coffey, Clay A. 53
 Cohen, Jessica Z. 19
 Cohen, Leo F. 62
 Cohen, Rebecca L. 32, 62
 Cohn, Thomas B. 44
 Colclasure, Abigail M. 19
 Cole, Austin K. 26, 62
 Cole, Blake I. 106
 Colicci IV, Vittorio 74
 Comiter, Charles S. 44
 Concha Sr, Domingo J. 27
 Concordel, Adrien 30
 Conley, Taylor P. 62
 Consilvio, Annabel C. 26
 Conti, Ryan 21
 Cooksey, Paige E. 2
 Copeland, Daniel I. 34
 Copley, Jonathon H. 44
 Corato Zanarella, Murilo 99
 Cordero, Aidan A. 11
 Coronado Barbosa, Jaime 59
 Corradini, Viola 95
 Corrao, Roberto 95
 Correal, Jaime 59
 Correa Nunez, Juan F. 34, 62
 Corsetti, Sabrina M. 45
 Corti, Giacomo 62
 Coston, Sarah M. 38
 Cotey, Samuel A. 34, 37
 Cotey, Sarah M. 34, 37
 Coupe, Sebastian T. 99
 Courbit, Oscar 67
 Courtin, Christopher B. 81
 Covarrubias, Juliana A. 3
 Cowfer, Amanda E. 99
 Cowger, Caleb B. 12
 Cox, Austin J. 17
 Crane, Andrés B. 99
 Crawford, Carmen M. 34, 51
 Cren, Pietro Thomas Alexandre 69
 Crespo, Jesus 73
 Cress, Milo J. 22
 Creta, Alec R. 34, 62
 Cross, Racquel B. 59
 Crouch, Christopher L. 62
 Cruz Galvan, Elmer A. 5
 Cruz, Joaquin A. 2
 Cruz Serralles, Jose E. 81
 Cubra, Cameron 67
 Cucu, Theodor 73
 Cuevas, Elie E. 7
 Cui, Audrey Y. 20
 Cui, Tony A. 7
 Cui, Yingnan 81
 Cully, Broghan M. 59
 Cummings, Calvin J. 51
 Cummings, Jesse E. 11, 38
 Cummings, Kayla S. 97
 Cummings, Peter M. 95
 Cunha, Renan F. 58
 Cunitz, Isabelle A. 34
 Cunningham, Caroline K. 7
 Cunningham, Kaylee M. 51
 Curran, Emily A. 34, 37
 Curtis, Taylor Lynn 30

D
 Daboub Silhy, Juan José 62
 Dacus, Benjamin R. 81
 Dahan, Cameron 69
 Dahbi Skali, Safiyah 58
 Dahleh, Omar 7
 Daigavane, Ameya S. 45
 Dai, Huy C. 7
 Dai, Kexin 48
 Dajee, Rupen A. 62
 Daku-Mante, Dionne-Marie N. 11
 Damewood, James K. 81
 Dang, Gefei 99
 Dangovski, Rumen R. 81
 Dang, Timmy T. 7
 Daniel, Rachel D. 62
 Daniels, Jason K. 7
 Danno, Maiwenn 67
 Dao, Khoi P. 37
 Dapoz, Annemarie 37
 Daqqah, Bilal H. 38
 Darby, Brady J. 43
 Dargan, Harshaan 69
 Dargan, Hope 38
 Dargis, Justin 53
 Das, Akash 21
 Das, Bibhabasu 67
 Das Gupta, Shuvomoy 97
 Das, Michael R. 99
 Dastrup, Blake S. 99
 Daus, Jonathan J. 34, 55
 Davis, Austin C. 26
 Davis, Cameron J. 75
 Davis, Gregory A. 34, 62
 Davis III, Ronald A. 81
 Davis, Steven M. 2
 Dawicki, Erin M. 58
 Dawkins, Jennifer J. 81
 Dawson, Charles B. 81
 Dayal, Amar M. 62
 de Alencar Pitombeira, Barbara 57
 de Castro Filho, Fabio Marcel 26
 de Castro, Luke J. 49
 de Cea Falcó, Marc 81
 Dedhia, Ray H. 38
 Degnan, Diana C. 16
 Dei, Hillel 14
 Deitrick, Autumn R. 75
 de la Barrera i Bardalet, Marc 95
 de la Cruz Alvarez, Rolando A. 62
 De la Fuente Gonzalez, Pablo 62
 del Águila Ferrandis, José 81
 de la Rosa, Christopher J. 3
 Delarue, Diego 7
 DeLaughter, Samuel 56, 81
 Delelegn, Yonatan 38
 Dellawar, Jamil A. 12
 Dell, Sydney A. 11
 Deng, Adam 21
 Deng, Jie 81
 Deng, Leon Y. 7
 Deng, MingYang 7
 Dennis, Marcus A. 69
 Dennis-Sharma, Tyson A. 69
 Dentinger, Estella M. 67
 Deo, Gabriel 69
 DePaolis II, Renato A. 59
 DePaolis, Matthew A. 59
 de Raaij, Jakob 22
 Dern Simon, Marta 62
 De Rosa, Federico 69
 Desai, Mahaam M. 14
 de Salles Kobayashi, Filipe Hisao 95
 Deshpande, Aniruddha Suhas 30, 45
 de Silva, Timothy H. 97
 De Simone, Zoe 24, 45
 de Sousa, Margarida T. 62
 Desriac, Jeanne C. 62
 Desroches, Griffen J. 99
 Dessalines, Nick K. 28
 Desta, Kaleb A. 7
 DeTolla, Peter F. 17

Devarakonda, Krishna B. 57
 Devilme, Abiel Abdonel 57
 Dewes, Tynan B. 62
 de Witt, Dimitri 69
 Dey Barsukova, Anita 34
 Diallo, Aïda S. 71
 Díaz Marín, Carlos D. 82
 Didehbani, Hannah N. 19
 Diez de Rivera de Solis, Ignacio 62
 Dighe, Kaustubh 38
 DiMartino, Brooke B. 53
 Ding, Jessica H. 38
 Ding, Jieqing J. 62
 Ding, Yizhuo 28
 Ding, Zhan 51
 Diongue, Ahmed T. 14
 Diserio, Sophia I. 62
 Do, Brian T. 82
 Dogan, Mustafa Doga 82
 Doherty, Ryan J. 59
 Dojnow, Aleksy R. 24
 Domingo-Kameenui, Joy P. 2
 Donahoe, Grace K. 62
 Dong, Dylan R. 12
 Dongo Aguirre, Gyalpo M. 11
 Dong, Wenzhe 71
 Dong, Zhihuan 99
 Donnelly, Nora G. 17
 Donner, Hannah R. 14
 Donovan, Inge G. 24, 25
 Do Orozco, Isabella L. 7
 Doshi, Manan 82
 Doshi, Sagar P. 45
 Dote, Paige 21
 Dougherty, Brian J. 62
 Douiri, Farida E. 59
 Dou, Joli 7
 Downes, Lena M. 82
 Dow, Nicholas L. 7
 Downing, Charles E. 72
 Downing, Geoffrey R. 59
 Downing, Lia Y. 26
 Doyle, Caitlin N. 18
 Drazin, Richard 59
 Dreicer Liberman, Karen 7
 Driscoll, David T. 99
 Droubi, Samir 38
 Drummond, Gabrielle 99
 Drummond, Lisa V. 99
 Duan, Katherine R. 18
 Duan, Rui Qing 67
 Dubs, Alexis B. 48
 Ducrepin, Stephan R. 19
 Duffy, Griffin J. 5
 Dugan, Owen M. 19
 Duggirala, Sravani R. 4
 Duitemeijer, Mart 53
 Dulce II, Richard 53
 Dulchinos Marini, Ariadne M. 20
 Duler, Olivier 62
 Du, Li 99
 Dulski, Abigail S. 20
 Dumit, Diana 99
 Duong, Alexander T. 73

Duong, Fiona 13
 Dupont, Apolline 71
 Durán Londoño, Juan J. 62
 Duran Lozano, Raymundo 57
 Durdevic, Patrik 67
 Durova, Aleksandra O. 76
 Durrenberger, Marcelle D. 53
 Durresti, Heidi A. 22
 Dutt, Arkopal 82
 Duvigneaud, Fritzgerald 13
 Dzieciol, Victoria 18
 Dzordzorme, Abigail E. 14

E

Easley, Cameron D. 62
 Easley, Jack Z. 32, 62
 Eastman, John M. 38
 Eastwood, Donald J. 57
 Eberts, Megan M. 20
 Echezona, Chukwuemekalum K. 7
 Edelman, Jonathan S. 21
 Eder, Matthias 51
 Edwards, Fahnmusa J. 7
 Edwards, Lilly K. 11
 Egar, Troy I. 51
 Eichenlaub, Nadine R. 1
 Eisen, Noam D. 49
 Ejiofor, Karen O. 62
 Elacqua, Joshua J. 82
 El Alaoui El Abdallaoui, Mamoun 28
 Eldracher PLY, Emelie A. 73
 Elfers, Katherine A. 62
 El Hayek, Chantal 76
 El Kfoury, Dany 62
 Elliott, Matthew W. 13
 El Mousadik, Souha 82
 Elsaca, Josefina 62
 Emiroglu, Ezgi 62
 English, Jasmine H. 95
 Enkhbayar, Dashnamjil 62
 Enriquez, Brandon 95
 Ensley, Kyle L. 53
 Epperson, Eli Z. 26
 Eppinger, Aria R. 11
 Erhardt, Keeley D. 76
 Erives, Ezra J. 21
 Errani, Edoardo 69
 Errazuriz Bulnes, Cristobal 62
 Escobedo, Ines 19
 Esparragoza, Manuel A. 62
 Espinosa Salas, José A. 51
 Espuela Martin, Pablo 58
 Everett, Morgan G. 3
 Evers, Austin J. 62
 Evren, Ibrahim Suat 21
 Ewy, Michelle E. 58

F

Fade, Franck K. 58
 Fadel, Marie Diane 73
 Fadilla, Fianza 51
 Falkenberg, Thomas B. 7
 Falkovich, Reuven 99
 Falk, Perry M. 51
 Fallah, Alireza 82

Falor, Chirag 19
 Fang, Cynthia X. 20
 Fang, David S. 38
 Fang, Demi L. 30, 76
 Fang, Emily G. 26
 Fang, Jingwen 69
 Fang, Kelly 1
 Fang, Yuan 51
 Fan, Leon 11
 Fan, Lijie 82
 Fan, Vincent K. 21, 38
 Fan, Yiling 82
 Farahvash, Ardavan 99
 Farnsworth, Amanda M. 82
 Farquhar, Charlotte 99
 Farrell Jr, Paul F. 60
 Faruque, Fahim 53
 Fashae, Tamilore E. 3
 Fayumy, Moaaz H. 5
 Fei, Jonathan Y. 7
 Feldman, Andrew B. 38
 Feliciano, Joshua J. 5
 Fendler, Nikole L. 99
 Feng, Dewei 5
 Feng, Ellie 14
 Feng, Eugenia Y. 7
 Feng, Matthew R. 38
 Feng, Xiyang 69
 Ferguson, Alexandra C. 99
 Ferguson, Ianá Y. 19
 Fernández, Elijah O. 21
 Ferrier, Corey J. 5
 Fichera, Bryan T. 99
 Field, Cameron L. 62
 Filiaci, Mattia E. 58
 Finch, Michael R. 13
 Findlay, Gavin L. 67
 Finman, Edward J. 3
 Firat, Atakan Hilmi 99
 Fisch, Adam J. 82
 Fishberg, Andrew J. 49
 Fisher, Noah T. 5
 Flamme, Émilie G. 26
 Fleming, Daniel S. 7
 Florence, Harrison P. 62
 Florescu-Ciobotaru, Ana 18
 Flores Jimenez, Julio E. 28
 Flores, Matthew A. 75
 Flower, Cameron T. 82
 Folens, Simon H. 69
 Folkestad, Ásmund S. 99
 Fondriest, Leo A. 63
 Fontáñez, Jonatan E. 7
 Forsythe, Eyan D. 4
 Fortass, Camiel 69
 Foucart, Corbin R. 82
 Fougner, Jacob Sortland 69
 Foulke, Jocelyn A. 58
 Fourie, Christopher K. 82
 Fowler, Colin E. 99
 Foxen, Mary G. 13
 Foxman, Kristoffer 69
 Francis, Branden T. 34, 63
 Francis, Zachary R. 3

Franco, Mark S. 60
 Frangieh, Christopher J. 82
 Fredlund, Leela 16
 Freedline, Alexander R. 13
 Freeman, Robert J. 5
 Freese, Elisabeth M. 99
 Fregia, Danielle E. 63
 Frey, Eric F. 69
 Fromer, Jenna C. 49
 Frostig, Danielle 100
 Fuangkawinsombut, Siwakorn 38
 Fu, Boer 95
 Fuchs, Ariel S. 73
 Fuentes, Isabela M. 18
 Fu, Evelyn L. 5
 Fu, Flora W. 18
 Fu, Jiahui 82
 Fujii, Yosuke 53
 Furfine, Jacob H. 22
 Futran, Ita C. 3
 Fu, Xiang 82
 Fu, Xinyi 19
 Fu, Yi M. 63

G

Gaafar, Mohamed L. 51
 Gabbita, Saketh 5
 Gabrielsson, Rickard B. 45
 Gaffney, Leah P. 45, 63
 Galanos, Nikolaos 67
 Galatsanos-Dueck, Johannes 72
 Gallo de la Paz, Leonardo 49
 Gallud Cidoncha, Ximo 82
 Gamillo, Elizabeth 57
 Ganapathy, Dhruva 100
 Gandhi, Rujul 38
 Ganeles, Victoria G. 4
 Gan, Emily 7
 Gan, Eric J. 12
 Gangamreddypalli, Lakshmi C. 26
 Ganguly, Ishan 21
 Ganko, Krystian K. 49
 Gao, Amanda 82
 Gao, Angela 11
 Gaon, Raz 7
 Gao, Trinity 38
 Gao, Weiran 82
 Gao, Ying 95
 Garanzini, Maurane 51
 Garau Luis, Juan José 82
 Garcia Baumbeck, Zoe N. 14
 Garcia Cordero, Luis Enrique 63
 Garcia Fonseca, Vivian B. 19
 García-García, María G. 19
 Garcia Iruegas, Patricia M. 26
 Garcia, Jason A. 12
 Garcia-Langley, Ansel J. 3
 Garcia, Luis A. 13
 Garcia, Sebastian A. 5
 Garg, Raghav 63
 Garg, Shruti 5
 Garg, Swati 58
 Garifulin, Alexander 58
 Garinois, Laura-India 25

Garrett, Isobe M. 14
 Gaspar, Thiago A. 60
 Gatlin, Ian J. 7
 Gebhardt, Olivia J. 63
 Geist, Itay D. 63
 Geller, Sarah R. 100
 Gendre, Luc M. 30
 Genesis Dada, Sheila 58
 Gentles, Runako I. 2
 Geogdzhayev, Gosha 19
 George, Tom M. 7
 Georgiev, Kristian G. 45
 Gerber, Patrik R. 100
 Gerlach, Connor M. 45
 Germonpré, Emile G. 51
 Gershon, Levi S. 34
 Gerszberg, Nina R. 38
 Gerzoghier, Abraham G. 34, 63
 Ge, Shu 21
 Ghenand, Omkar P. 14
 Ghorayeb, Ghassan R. 60
 Ghosh, Aniruddha 28
 Giambrone, Daniel 63
 Giancola, JoLynn B. 100
 Giannoni, Matías A. 95
 Gibney, Evan M. 49
 Gideonse, Lauren T. 24
 Gilad, Tal F. 63
 Gilbert, Michael 38
 Gillespie, Fiona J. 38
 Gimbernat Mayol, Júlia 67
 Ginolhac, Gaspard A. 71
 Giorgis, Adriana 24
 Giovanniello, Michael A. 30
 Giroux, Annie I. 5
 Giroux, Wyatt M. 49
 Gkiokas, Christos 45, 55
 Glasser, Kaili 3
 Gleason, Dane M. 13
 Glidden, Ana 100
 Glitz de Assis, Ingrid 63
 Godfrey, Tyler J. 2
 Godika, Samay 7
 Goemans, Marie A. 14
 Goh, Ker Wee 58
 Gokhale, Devashish P. 82
 Goldbach, Collin J. 34
 Goldie, Eva L. 21
 Goldman, Samuel L. 83
 Goldwater, Mark H. 75
 Golemme, Isabella I. 14
 Golison, Madeleine A. 53
 Gomez Aldape, Cesar Gerardo 58
 Gomez, Annika L. 100
 Gomez Gomez, Nicolas A. 3
 Gomez, Marlena C. 38
 Gomez Prieto, Stephanie G. 51
 Goncalves, Jennifer 63
 Gong, Yunfan 69
 González de la Fuente, Hugo A. 63
 Gonzalez, Erick 13
 Gonzalez, Nicholas C. 53
 Gonzalez Ortiz, Jose Javier 83
 Gonzalez, Rolando A. 38

Gonzalez, Steven 95
 Goodson, Hunter R. 63
 Gordon, Chad A. 63
 Gordon, Ezra Z. 13
 Gordon, Savannah I. 3
 Goroncy, Natalia 19
 Gottdiener Islas, David B. 53
 Gotthold, Zoe A. 11
 Govindarajan, Ishaan 39
 Gowda, Shashi 100
 Gowra, Vineeth 33
 Goyal, Mudita 18
 Graham, Kailin 30, 45
 Granados, Jesse 2
 Grande, Aja O. 95
 Granquist, Ashley M. 7, 39
 Grazier, Timothy J. 13
 Greenberg, Hilary B. 63
 Green, Dansil L. 30
 Greenman, Kevin P. 83
 Green, Sierra R. 4
 Grenfell, Peter W. 83
 Grewal, Darshdeep S. 4
 Greybosh, Colin T. 39
 Griggs, Crystal L. 25
 Grima Sumarroca, Jorge 71
 Grishin, Peter N. 95
 Grobler, Carla 83
 Groom, Maks J. 21
 Gruener, Fan 51
 Guang, Richard 17
 Guan, Shuyi 67
 Guðmundsson, Jóhann V. 69
 Guenard, Adrien C. 49
 Güereca Valdivia, Ismael 48, 63
 Guerra Quintanilla, Gerardo A. 58
 Guerrero Valderrama, Santiago 63
 Guillou, Amaury 69
 Gumbs, Kennan F. 22
 Guo, Alicia X. 39
 Guo, Chuchu 100
 Guo, Melody H. 19
 Guo, Shuyu 68
 Guo, Xiaotong 83
 Guo, Yuzhi 63
 Guo, Zhen 83
 Gupta, Diptasri 39
 Gupta, Gauri 29
 Gupta, Hansika 51
 Gupta, Sejal 39
 Gupta, Shreya 7
 Gupta, Shreya 68
 Guraziu, Wendi 63
 Gürbeden, Dogan 63
 Gurga III, Daniel J. 13
 Gurung, Soniya 63
 Gustafson, Nicholas F. 39
 Guth, Stephen C. 83
 Gutierrez, Adrian O. 13
 Gutierrez Arango, Samantha 29
 Gutierrez, Valeria M. 3
 Gu, Xin 100
 Guy, Allison P. 57
 Guzman, Juan J. 63

Guzman, Ruben G. 63

H

Haas, Evan G. 35, 63
Habel, Matthew A. 63, 72
Habib, Fardina 63
Ha Chun, Andres Y. 58
Hackett, Jaylen K. 63
Haddad, Don D. 76
Hadjivanov, Michael D. 7
Haidar, Georges 69
Haig, Dana L. 50
Haile, Nebyu S. 25
Haito, Lucia 63
Hajj Ali, Wael 83
Hà, Lan L. 30, 45
Halim, Juanita 26
Hallinan, Aidan M. 15
Hall Jr., James G. 100
Halperin, Basil 95
Hamed, Yasin Y. 2
Hamelberg, Andre F. 12
Hamel, John M. 53
Hamida, Cerine 5
Hamilton, Benjamin A. 83
Hammond, Ian M. 45
Han, Aileen 7
Hance, Jackson R. 100
Hancock, Bryce D. 17
Hancock, Mary A. 63
Han, Ellie 1
Hananekratt, Aaron C. 53
Hango, Katie L. 63
Hanhauer, Emily B. 83
Han, Jessica 35
Han, Jessica S. 19
Hanly, Bianca M. 4
Han, Michael J. 7
Hanna Banoub, Micheil M. 63
Hanson, Michael K. 13
Hanson-Puffer, Lukas J. 16
Han, Weizong 71
Han, Xinyao 68
Han, Xinyi 30
Han, Yena 83
Han, Yicong 68
Han, Yuxin 72
Hao, Yun 7
Haque, Shaherul 7
Hardart, Henry J. 18
Harding, William G. 58
Hardy, Luke W. 35
Hare, Kyle A. 13
Harihara, Caeley G. 45, 63
Hariharan, Kaivalya 11
Harlin, Anne-Sixtine 32
Harmon, Sarah E. 63
Harold, Alec 63
Harper, Tess E. 63
Harrigin-Ramoutar, Xav 14
Harrington, Grace A. 2
Harris, Isaac B. 45
Harris, Journee A. 26
Harris, Nicole E. 14

Harris, Peter R. 63
Hartch, Phoebe S. 12
Hart-Kennedy, Leigh E. 3
Harvey, Alvin D. 83
Hasan, Adib 39
Hasegawa, Kohei 60
Hastewell, Alasdair D. 100
Hatteberg, Heidi J. 35, 63
Hattori, Ashton A. 45
Hawken, Susana W. 83
Hawkes, James C. 22
Hawtof, Ryan E. 48
Hayashi, Chieko J. 60
Hayashi, Masahiro 58
Hayoun, Guil 69
Hayut, Joesph 58
Haywood, Eric R. 71
Heath, Samuel M. 35
Hector, Kezia E. 13
Heiberger, Harry G. 5
Heiberger, Henry R. 5
Heine, Cate E. 78
Heine, Jessica A. 95
He, Katherine 7
Heller, Peter J. 30
He, Mingjian 83
Heneine, Emma M. 26
Henley, Connor A. 83
Henley, Connor P. 60
Hensgen, Michael L. 7, 39
Henstock, Mitchell 63
Henzel, Thomas 32
Herb, Svenja V. 25
Hernández Cano, Leonardo 45
Hernandez-Cruz, Vanessa 35
Hernandez, Evan 83
Hernandez, Justin E. 63
Hernandez, Santiago 52
Hernandez, Victoria J. 100
Hernawan, Ardi P. 52
Herndon Melgarejo, Marco L. 26
Herneisen, Alice L. 100
Herrera, Brian 53
Herrera, Erica L. 75
Herrero-Marques, Penelope B. 2
Herron, Lucas A. 75
He, Siran 63
Heslip, Katherine E. 18
Hess, Robert P. 20
Hettrick, Hailee E. 83
Heyes, Jane E. 83
He, Yizheng 53
Hicke, Jean-Philippe B. 69
Hickey, Connor O. 2
Hidayat, Alia S. 106
Higgason, Emma R. 3
Higginbotham, Haley O. 55
Higgins, Kathleen W. 100
Hill, Melissa D. 26
Hilton, Jay R. 39
Hintikka, Kathleen R. 95
Hirata, Toru 63
Hirsch, Dylan C. 51
Hizir, Ahmet E. 83

Hlivko, Paul J. 60
Hoang, Thinh B. 53, 55
Hobgood, Katherine I. 18
Hoffman, Cameron T. 32, 63
Hoffman, Megan 83
Hoffman, Peter W. 21
Ho, Kelly P. 39
Holcomb, Michael B. 17
Holden, Andrew F. 63
Ho, Lisa Y. 95
Holla, Satya G. 21
Hollingsworth III, Joseph A. 58
Hollister, Kimberly K. 100
Holmes, Nicholas J. 35, 63
Holm, Henry C. 106
Holtorf, Flemming 83
Honda, Shinjiro 63
Hong, David S. 26
Hong, Elizabeth E. 63
Hong, Man Hou 45
Hong, Nayeon 28
Hong, Stephen S. 7
Hong, Sungkweon 84
Hong, Tinah L. 7
Hon, Madeline 11
Hosein, Sarah T. 58
Hosseini Asl, Eghbal 100
Housen, Tara C. 49
Houston-Read, Rebecca H. 26
Hou, Wenyan 49
Howard, Matthew D. 58
Howard, Nicole M. 49
Howarth, Julia G. 2
Howd, Thomas H. 60
Howe, Stephanie P. 73
Hoyos Muñoz, Susana M. 100
Hsia, Jung-Han 45
Hsu, Chia 52
Hsu, Michelle A. 14
Hua, Dana 7
Hu, Amelia Y. 7, 39
Huang, Alexis Y. 5
Huang, Allen 39
Huang, Amanda Y. 1
Huang, Andrew 7
Huang, Aoying 63
Huang, Bifeng 58
Huang, Brian R. 39
Huang, Chen 53
Huang, Danwei 63
Huang, Emily 73
Huang, Grace F. 7, 39
Huang, Irene Y. 7, 39
Huang, Jia Xin 63
Huang, Lingdong 28
Huang, Michael J. 21
Huang, Natalie 5
Huang, Peihua 7
Huang, Qiangqiang 84
Huang, Roderick W. 7
Huang, Sheng 7
Huang, Shiyue 69
Huang, Siying 84
Huang, Xiaohong 58

Huang, Yunjia 69
 Huang, Yun-Shu 69
 Huang, Zhong Qian 35
 Hu, Anka 21
 Huasasquiche Montoya, Alberto Enrique 60
 Hubbard Jr., Steven F. 45, 63
 Hu, Daniel B. 21
 Hu, Edward 63
 Hu, Helen 7
 Huisman, Shane 52
 Hu, Jia-en J. 12
 Hu, Jiliang 84
 Humann, McKenzie R. 26, 55
 Hunnewell, Clarissa G. 63
 Huo, Da 69
 Hu, Ruosi 69
 Hu, Shicheng 18
 Hussain, Muhammad Ahmad 68
 Hussain, Zeshan M. 84
 Hussein, Mennatallah M. 49
 Hu, Tianxing 63
 Hutman, Rebecca A. 63
 Huynh, Christy 3
 Huynh, Hung Q. 3
 Huynh, Khoa T. 5
 Hwang, Yunchan 45

I

Ibekwe, Richard T. 79
 Ibrahim, Malek M. 35
 Ibrahim, Mario W. 2
 Ibrahim, Shibal 84
 Ibrahim, Zaher 58
 Iderman, Alexis M. 63
 Idrovo, Monica I. 63
 Ignaccolo, Carmelo 76
 Ihim, Paul U. 7
 Iijima, Rei 53
 Im, Hyewon 58
 Im, Joanne 97
 Imogu, Christine C. 5
 Impelliziere Fernandes, Isabella 63
 Imran, Sayyed Muhammad Ahsan 68
 Ingersoll, Samuel 39
 Iqbal, Billal 2, 39
 Irani, Urvaksh D. 35
 Irvine, Paul M. 5
 Isaacs, Stewart A. 84
 Isu, Fausat E. 49
 Ito, Elissa C. 3
 Iturralde Jaramillo, Miguel A. 52

J

Jackson, Amanda K. 45
 Jackson, Brennan L. 84
 Jacobo-Arill, Elisa T. 8
 Jacobs Luengo, Daniel 53
 Jacobs, Phie G. 57
 Jacquot, Kevin-Alexandre 52
 Jaffe, Jacob E. 95
 Jagani, Shaan A. 49
 Jahanbakhsh, Farnaz 84
 Jain, Ananya 8
 Jain, Anukriti 53

Jain, Arushi 68
 Jain, Rachit 68
 Jain, Saachi 84
 Jaiswal, Somesh Sunil 33
 Jalil, Laman N. 49
 Jalisi, Scharukh M. 60
 Jamee, Mehrab S. 21
 James, Aubrie R. 25
 Jamieson, Stewart C. 106
 Janakiraman, Aarthi 76
 Janes, Morgan E. 84
 Jang, Daniel 84
 Jang, Kyuho 28
 Janicki, Adam P. 39
 Janjigian, Lily T. 8
 Jankins, Heather S. 60
 Jaupi, Megi 68
 Jaye, Dyanna M. 26
 Jebran, Ahmad Mujtaba 35
 Jeloka, Ritika 20
 Jemel, Nader 8
 Jenkins, Andrew W. 20, 73
 Jennett, Gabriella M. 63
 Jeong, Hyedong 58
 Jerez, Raiphy 39
 Jha, Shantanu R. 45
 Jia, Haojun 100
 Jiang, Allen Y. 84
 Jiang, Brent 63
 Jiang, Carol 20
 Jiang, Cher 17
 Jiang, Emily 8, 39
 Jiang, Irene G. 63
 Jiang, Jiarui 68
 Jiang, Maxwell D. 21
 Jiang, Qingxuan 72
 Jiang, Tianze 21
 Jiang, Xingyao 69
 Jiang, Xinyue 69
 Jimenez, Gabriel 8, 39
 Jimenez, Jessica 17
 Jimenez Zapata, Pablo 63
 Jindanuwat, Pasit 8
 Jin, Jack 8
 Jin, Jessica C. 17
 Jin, Jing 64
 Jin, Qixuan 45
 Jin, Xiaojia 84
 Ji, Zexi 84
 Joens, Mary A. 84
 Joglekar, Natasha N. 43
 John Rathinaraj, Joshua David 84
 Johnson, Bryant E. 64
 Johnson, Claire N. 13
 Johnson, Dominique M. 64
 Johnson III, Phillip A. 14
 Johnson, Jayden R. 8
 Johnson, Zachary D. 39
 Johnston, Robert E. 100
 Jones, John M. 8
 Jones, Olivia J. 64
 Jones, Robert P. 49, 64, 84
 Joo, Taigyu 84
 Julienne, Dayquan A. 64

Jung, Emma Y. 8
 Jung, Hojin 58
 Jutamulia, Elaine 20

K

Kafle, Prabhakar 39
 Kahler, Kailas B. 5
 Kahn, Rachel E. 106
 Kakarla, Nikhil V. 8
 Kakoti, Gisella K. 16
 Kalavacherla, Sruthi 18
 Kaligotla, Hemanth 60
 Kamara, Dennis M. 64
 Kaminska, Connor G. 14
 Kammerer III, William J. 84
 Kammer, Gabriel A. 39
 Kande, Stephen S. 5
 Kang, Benjamin G. 21, 39
 Kang, Ezra H. 5
 Kang, Gloria H. 20
 Kang, Ha Eun 84
 Kang, Minchul 58
 Kang, Min Gu 100
 Kang, Shannon 14
 Kan, Justin M. 64
 Kannan, Arun S. 100
 Kannan, Gowri 64
 Kannan, Muralidharan 60
 Kantamneni, Subhash C. 19
 Kaplan, Adam 95
 Kapoor, Arjun 52
 Kapoor, Lipika 64
 Karan, Arnav 69
 Karlson, Samuel J. 51
 Karnani Bhagwan, Mohit 95
 Karnik, Sathwik V. 39
 Karolewski, Jennifer S. 106
 Karpour, Shreya S. 39
 Karshner, Grant M. 58
 Karvelis, Elijah 84
 Kaser, Samuel J. 100
 Kaspar, Moulinrouge F. 39
 Katz, Alexa B. 64
 Kauf, Carina 100
 Kaufmann, Michaela R. 60
 Kaukuntla, Rahul 12
 Kawahashi, Masayuki 58
 Kawauchiya, Inori 20
 Kaysha, Hermon Y. 8
 Kazemina, Amirabbas 8
 Ke, Ashley 21
 Keefe, Oaklin R. 75
 Ke, Elizabeth 21
 Keirn, Alyssa N. 5
 Kelemen, Jessica 64
 Kelly Bowen, Hugh P. 69
 Kelly, Katherine E. 64
 Kelly, Kieran P. 64
 Kerkhof, Delaney J. 64
 Kessinger, Raquel R. 97
 Ketchum Jr., Mark R. 58
 Khadka, Veda D. 100
 Khaguli, Stephanie M. 3
 Khaimov, Nicole 8

- Khalif, Faduma B. 73
 Khalil, Mahwish 25
 Khan, Aiman 60
 Khan, Ariba 20
 Khani Shirkoohi, Mehrdad 84
 Khan, Leila R. 12
 Khan, Mumin 53
 Khechfe, Alexander A. 84
 Kheny, Bobby 52
 Khim, Maria 64
 Khim, Veronica 21
 Khokhlov, Khrystofor 73
 Khuichad, Nichakan 73
 Khurana, Bharat 85
 Kifetew, Yabework Abebe 26
 Kigotho, Olivier N. 49
 Kiilavirta, Johan 8
 Kikkeri, Kruthika 85
 Kilgallon, Landon J. 101
 Kilinski, Aaron M. 60
 Kim, Albert 85
 Kim, Bumsoo 95
 Kim, Christina E. 18
 Kim, Do Hun 85
 Kim, Dong Young 8
 Kim, Haeri 2
 Kim, Hannah 8
 Kim, HyungJoo 60
 Kim, Joseph Y. 8
 Kim, Kihyun 45
 Kim, Lohyun 85
 Kim, Minji 26
 Kim, Sangwoon 85
 Kim, Seok H. 39
 Kim, Song Eun 8
 Kim, Sunghyo 72
 Kim, Sunghyun 45
 Kim, Sun Young 58
 Kim, Suyong 85
 Kim, Sydney P. 3
 Kim, Taekyong 85
 King, Hunter O. 101
 King, Ping 64
 Kinman, Laurel F. 101
 Kirkeby, Amanda R. 25
 Kirkman, Josef X. 2
 Kirkpatrick, Courtney R. 31, 49
 Kittisorayut, Khanachai 28
 Kitzinger, Katherine A. 14
 Kleiman, Cameron M. 8
 Klein, Abigail L. 20
 Klein, Brady M. 11
 Kleinemolen, Ian A. 35, 64
 Klein, Ethan A. 85
 Klick, Colin L. 17
 Kliuev, Daniil 101
 Klukovich, Hope M. 53
 Knappe, Grant A. 85
 Knauer, Jeffrey K. 58
 Koch, Catherine E. 101
 Kochert, Ryan P. 45, 64
 Ko, Ching-Yun 85
 Koehler, Florian 85
 Koh, Andy 69
 Koh, Chee Wee 57
 Kokesh, Cameron M. 3
 Kollanthara, Nived K. 64
 Kolla, Soujanya 60
 Kolli, Ria 15
 Kondic, Jovana 45
 Kondrich, Lisa 21
 Koneru, Kalyan Chakravarthy 60
 Kong, Blisse X. 8
 Kong, Linghao 45
 Kononov, Ekaterina R. 85
 Konovalenko, Sasha 22
 Konstantellos, Dimitrios 69
 Kopeikin, Andrew N. 85
 Kopliku, Arbri 15
 Koplrow, David A. 11
 Koren, Netta 58
 Korsunov, Sergey 69
 Kortman, Lauryn D. 4
 Kosa, Devi M. 64
 Kosanic, Miroslav 45
 Koshima, Nadia N. 39
 Kosolpatanadurong, Dhorn 52
 Kossak, Alexander E. 85
 Kostecki, Katherine E. 12
 Kostolansky, Timothy H. 39
 Kotane, Jacky L. 53
 Kothakonda, Akshay 85
 Kothari, Aadi M. 35
 Kowal, Evan A. 18
 Ko, Young 35
 Kramer, Sara T. 64
 Krause, Thomas C. 56
 Kraus, Michael R. 14
 Kravitz, Samuel D. 5
 Kriezis, Demetrios C. 8
 Krishna, Delfi 60
 Krishnamachary, Neha 64
 Krishnan, Swetha 60
 Krylov, Vasily 101
 Kuang, Irene A. 85
 Kuffour, Joshua Curtis N. 13
 Kuhlken, Zoë 21
 Kuka, Adrian 5
 Kumar, Ashwin S. 85
 Kumar, Ila K. 28
 Kumar, Nilay 52
 Kumar, Nishanth J. 45
 Kumar, Nitin A. 8, 40
 Kumar, Ravi 52
 Kumbale, Sitara 57
 Kunnathu, Nimisha S. 52
 Kuoch, Michael K. 40
 Kuo, Fang-Yu 49
 Kuraj, Ivan 85
 Kur, Gil 85
 Kurth, Todd L. 60
 Kurti, Dejon 17
 Kuru, Nurullah Giray 40
 Kushiya, Atsunori 58
 Kustedjo, Alvin Kusuma 64
 Kuszmaul, William H. 85
 Kutbay, Talgat 58
 Kvirikashvili, Nino 64
 Kwag, Shauna S. 21
 Kwon, Anna 11
 Kwon, Soonhyoung 85
 Kyle, Thomas D. 72
- L**
 LaBelle, Ethan A. 40
 Lacksen, Stanislaus S. 21
 Lacy, Ian B. 5
 Ladd, Liberty R. 2, 57
 Ladele, Tolulope A. 64
 Lad, Vedang 40
 Laforest, Demi J. 15
 Lahart, Kelly F. 17
 Lahogue, Malo P. 32
 Lai, Pierce W. 8
 Lai, Yuqing 45
 Lalor, Peter 85
 Lam, Allison 15
 Lamboy Rodríguez, Swanny A. 101
 Lam, Eric 8
 Lam, Jessica T. 3
 Lam, Jordan 8
 Lam, Kelly T. 40
 Lam, Maisy L. 46
 Lam, Trenton 64
 Landeene, Shea A. 64
 Landeros, Christian 85
 Landis, Joseph 26
 Landis, Matthew J. 8
 Lane, Benjamin B. 101
 Laney, Samuel P. 46
 Langford, Quinn P. 20
 Langham, Aaron W. 56
 Langley, Chloe A. 8
 Lang, Rachel A. 64
 Lankalapalli, Divij 8
 Lanús, Fernando J. 58
 LaPotin, Alina D. 85
 Largaespada, Raul A. 40
 La Rock, Zachary J. 57
 Larson, Emily P. 64
 Larson, Neil F. 60
 Laskowski, Michal R. 68
 Latouche, Eduardo L. 53
 Lavda, Alik 71
 Lawal, Tyler A. 17
 Law, Jun Wen 49
 Lawrence, Savannah M. 18
 Leaker, Benjamin D. 86
 Leão Alvarenga de Medeiros, Victor 64
 Leasher, Erika L. 15
 Leclerc, Guillaume P. 86
 Lecoutre, Jérémie 69
 Lê, Dana Q. 64
 Ledoux, Katherine M. 60
 Lee, Ariel 46
 Lee, Byung Hun 86
 Lee, Cheng Feng Gary 86
 Lee, Eugene K. 20
 Lee, Giho 35
 Lee, Hanjun 18
 Lee, Hyunhee 86
 Lee, Jae Hee 101

Lee, Jason D. 56
 Lee, Jessica E. 35, 64
 Lee, Jiachen E. 73
 Lee, Jimin 8
 Lee, Jiwon 8
 Lee, Ju Young 8
 Lee, Kevin L. 76
 Lee, Konsang 64
 Lee, Kyungmi 86
 Lee, Lani D. 35
 Lee, Man Ching 2
 Lee, Michael A. 101
 Lee, Nelson R. 64
 Lee, Regina E. 35
 Lee, Samuel S. 40
 Lee, Sang Hyup 28
 Lee, Sang Yeup 58
 Lee, Serin 86
 Lee, Stephen J. 86
 Lee, Vanessa 60
 Lefkovitz, Evan D. 64
 Lehman, Eric 86
 Lehmann, Jonas 86
 Le, Hong Anh Anna 85
 Le Hong, Zoe E. 25
 Leija, Alexys N. 64
 Lei, Katherine 4
 Lei, Si Liang 8
 Lei, Ziyang 21
 Lekalake, Rorisang N. 95
 Le, Khang D. 4
 Lem, Jet 101
 Lemma, Alazar 14
 Lemone, Ryan N. 14
 Lemouche, Patrick O. 58
 Lenning, Bradyn T. 3
 Lennon, Kyle R. 86
 León Alarcón, Paola A. 54
 Leonard, Matthew D. 40
 Lepe, Bianca A. 86
 Lepsveridze, Saba 21
 Le, Quoc Hung 64
 Lerman, Benjamin D. 35, 64
 Lesure, Cora L. 95
 Le, Tammy C. 16
 Letelier, Ana A. 26
 Levine, Mandara A. 101
 Lev, Omri Y. 46
 Levy, Ishan 101
 Lewgasamsarn, Sanchayapol 8
 Lewinsohn Israel, Gad A. 64
 Lewis, Benjamin B. 31
 Lewis, Kathleen M. 86
 Lewis, Noah B. 101
 Li, Alexandra S. 40
 Li, Amy 8
 Liang, Derrick 8
 Li, Angela 12
 Liang, Qiaohao 86
 Liao, Isaac C. 40
 Liao, Kimberly 15
 Liao, Liang 58
 Liao, Qianli 86
 Liao, Wei 86
 Li, Brian 5
 Li, Bridget 43
 Li, Buxuan 86
 Li, Chao 46
 Li, Chen 69
 Licht, Joseph D. 40
 Li, Clement 86
 Li, Eileen Q. 8
 Lifson, Miles T. 87
 Liggett, James C. 33
 Li, Haochuan 86
 Li, Hao 86
 Li, Haoxuan 8
 Li, Jason 8
 Li, Jason O. 20
 Li, Jeffery G. 40
 Li, Jenny Y. 5
 Li, Jerry Y. 8, 40
 Li, Jiaxin 69
 Li, Jonathan 8
 Li, Joseph Z. 12
 Li, Karen H. 2
 Li, Keyan 97
 Likis, Benjamin J. 64
 Li, Lingxiao 86
 Lilin, Paul 87
 Li, Linsen 86
 Li, Maria 12
 Limarta, Ian J. 40
 Lim, Cheng Hui 64
 Lim, Darren T. 40
 Lim, Hun Pin 58
 Li, Michelle Z. 8
 Li, Mingyao 28
 Li, Mingyuan 33, 46
 Lim, Kaitlin Y. 12
 Lim, Katherine S. 43
 Lim, Megan A. 17
 Lin, Andrew 3
 Lin, Chen Han 69
 Lin, Cynthia 40
 Lindley, Sebastian N. 8
 Lindstrom, Ethan R. 54
 Linehan, Bryan L. 101
 Lin, Fiona 3
 Ling, Yuenong 49
 Linh, Trinh P. 26
 Lin, Jackie 8
 Lin, Ji 87
 Lin, Jingting 15
 Lin, Melanie 8
 Linn, Brittany N. 73
 Lin, Phoebe 20
 Linstone, David 64
 Lin, Tian 5
 Lin, Vincent 8
 Lin, William 8
 Lin, Yen-Chen 87
 Lin, Yu-Hsin 52
 Li, Philip W. 8
 Li, Qingfeng 16
 Li, Ruoqi 64
 Li, Rupert M. 21, 56
 Li, Shengtong 40
 Li, Shuang 86
 Litt, Geoffrey K. 87
 Little, Patrick W. 60
 Liu, Andi 8
 Liu, Bingxu 101
 Liu, Brent 8
 Liu, Brian H. 12
 Liu, Duanchen 68
 Liu, Dylan K. 40
 Liu, Eileen A. 12
 Liu, Emily Z. 8
 Liu, Fan 87
 Liu, Frank Y. 16
 Liu, Hanjie 20
 Liu, Hanyuan 106
 Liu, Ivy 5
 Liu, Jason J. 21, 40
 Liu, Jiageng 72
 Liu, Jiazheng 46
 Liu, Junlin 69
 Liu, Kunzan 46
 Liu, Licheng 96
 Liu, Maggie 12
 Liu, Monica Q. 40
 Liu, Peng 69
 Liu, Philena J. 8
 Liu, Sabrina C. 15
 Liu, Sandra Q. 87
 Liu, Sandy J. 64
 Liu, Selena S. 21
 Liu, Shannan S. 68
 Liu, Shiyu 8
 Liu, Shuming 101
 Liu, Siyu 21
 Liu, Stacy L. 64
 Liu, Tongtong 101
 Liu, Tongxu 69
 Liu, William H. 8
 Liu, Xiwen 69
 Liu, Yanjun 1
 Liu, Yanling 58
 Liu, Yixi 87
 Liu, Yizhou 35
 Liu, Yunpeng 87
 Liu, Zhijian 87
 Livingstone, Molly R. 64
 Li, William F. 19
 Li, Yihong 1
 Li, Yunda 69
 Li, Yunpo 86
 Lizarde, Catherine R. 4
 Li, Zixuan 71
 Li, Ziyang 52
 Lo, Abigail 15
 Loaiza Saa, Isabella 76
 Lockton, Sophia E. 8
 Logrono, Marcos A. 50
 Lohanimit, Rawisara 8
 Lohawala, Sabeen I. 40
 Loh, Charlotte C. 87
 Lohier, Sebastien L. 19
 Loko, Sebastien G. 2
 Lolla, Sadhana S. 8
 Lomba, Alan 14

Long, Evan C. 35, 64
 Longe, Victoria I. 11, 43
 Long, Yifei 68
 Lonni, Pierre 33
 Lopes Rose, Rodrigo 50
 Lopez, Jose L. 72, 97
 Lopez, Lee G. 87
 Lopez, Mario A. 40
 Lopez Mata, Humberto 60
 Lordos, Georgios 87
 Lotov, Ilia 64
 Lott, Leonardo M. 58
 Louie, Tiffany K. 4
 Love, Makenzie 18
 Lozano, Claudia F. 5
 Lucas, Ryan D. 68
 Lu, Catherine S. 32
 Lu, Catherine Z. 8
 Lucchi, Maria 52
 Lu, Charles J. 29
 Lu, Chen 101
 Luchko, Yaroslav 9
 Lu, Claire 5
 Lu, Emily 8
 Luera, Juan A. 19
 Lu, Jeffrey 21
 Lu, Jerry 69
 Lu, Joseph Y. 68
 Lukoianov, Artem S. 46
 Luly, Thomas T. 64
 Lum, Mun Kit Kenny 54
 Lundberg, Daniel J. 87
 Lundberg, David J. 87
 Lu, Nicole 40
 Luo, Ashley J. 5
 Luo, Claire C. 73
 Luo, Houzhu 69
 Luo, Jaden J. 18
 Luo, Michelle J. 14
 Luong, Jacky 9
 Luo, Victor 40
 Luo, Yuyuan 21
 Lupo III, Joseph V. 5
 Lu, Ruoxin 49
 Lusk, Parker C. 87
 Luu, Karen 60
 Lu, Yijing (Mavis) 52
 Ly, Connie 3
 Lydon, Andrew 64
 Lyu, Beichen 31
 Lyu, Liang 46
M
 Machado Andrade, Patricia 52
 Machado Roberty, Luis A. 64
 Machino, Yuka 21
 Ma, Chun Ming J 40
 Mackin-Plankey, Francisco E. 27
 Macleod, Fiona K. 87
 Madan, Gurrein K. 101
 Maduabuchi, Chika C. 51
 Magendanz, Quinn P. 40
 Magnin, Tristan B. 69
 Magoun, Tim Y. 40
 Magrefty, David S. 40
 Mai, Chao-Lun 46, 54
 Malek, Karim S. 60
 Ma, Lennie H. 9
 Malhotra, Rajit 58
 Malik, Ayesha I. 57
 Malik, Rameen H. 31
 Ma, Lingyi 40
 Malkin, Elian 73
 Mamaux, Christopher P. 58
 Mana, Soad A. 27
 Manav, Ipek Bensus 87
 Mandal, Mriganka 15
 Maniar, Natasha M. 40
 Manigo, Alizaye M. 21
 Ma, Ningshan 9
 Mannhardt, Niklas 40
 Mann, Jessica L. 18
 Mann, Keawe W. 5
 Mansbach, Elias N. 101
 Mansoor, Hiba R. 64
 Manyika, Julian J. 40
 Mao, Cici 50
 Mao, Jerry W. 40
 Marchand, Dawn M. 60
 Marchosky, Elizabeth R. 52
 Marcucci, Tobia 87
 Marden, Lucas N. 4
 Mardini, Michael 101
 Maredia, Sharil S. 2
 Margetts, Ashley F. 3
 Mariona, Alexander G. 46
 Markovich, Zachary D. 96
 Maroun, Luna 64
 Marques Hobold, Gustavo 87
 Marquez Gomez, Sofia M. 73
 Marrone, Evan S. 68
 Marshall Jr., William D. 24
 Martel, Cameron C. 72
 Martín Alonso, María Carmen 87
 Martin, Emma D. 18
 Martinez, Armando A. 15
 Martínez Gálvez, Sofía 57
 Martinez, Luis A. 5
 Martinez, Oswaldo A. 18
 Martínez-Rodríguez, Luis E. 101
 Martin, Kinan R. 73
 Martín López, Luis 64
 Martins Cavalcanti, Suzane 87
 Martocello III, Donald E. 106
 Martynova, Alice 56
 Masawi, Fortune H. 60
 Masdan, Muhammad Najib 58
 Massimino, Daniel F. 35
 Masterson, George G. 69
 Mastrola, Rebecca A. 20
 Masuda, Joshua S. 12
 Matana Aguiar, Gustavo 87
 Mathy, Anna L. 71
 Matos Fonseca da Trindade, Joana 88
 Matrakul, Anandha 64
 Matson, Thomas P. 88
 Mattingly, Eli 88
 Ma, Wei-Chiu 87
 Maxwell, Sage T. 21
 Ma, Yanzhe 68
 Mayer, Hendrik T. 40
 Maynard, Christopher C. 31
 Ma, Yuxiang 35
 May-Varas, Nicholas A. 35
 Ma, Zhao Yu 21
 Mazof, Andrew L. 64
 Mbogo, Joshua G. 9
 McAneny, Meghan R. 64
 McCarty, Joseph A. 19
 McCaskill, Khalid M. 64
 McClinton III, Willie B. 46
 McCourt, Trevor J. 46
 McCue, Kayla M. 88
 McGaa, Nicole 14
 McKenna, Claire C. 97
 McKinney, Lanie G. 50
 McLarty, Elizabeth G. 64
 McLaughlin, Randy M. 2
 McLellan-Cassivi, Claire J. 20
 McMann, Conor L. 101
 McManus, Matthew 9, 40
 McMenamy, Josiah J. 9
 McMillan, Grace A. 16
 McNaboe, Brian 58
 McNally, Mo 60
 McPike, Erin K. 60
 McTigue, Ryan P. 19
 McVay, Katelyn R. 27
 McWade, Jackson R. 58
 Mechura, Remy S. 14
 Meehan, Brandon P. 35, 64
 Meer, Ayan H. 76
 Mehrotra, Aditya 35
 Mehta, Dhvani 25
 Mehta, Raj A. 12
 Mehta, Rhea 64
 Mei, Amanda W. 15
 Mei, Catherine 41
 Meijer, Vincent R. 88
 Meindl, Jamison C. 9
 Mejia Martinez, Carlos A. 28
 Melard, Melodie 70
 Melemed, Aaron M. 88
 Melgarejo Oviedo, Carlos E. 54
 Melody, James C. 97
 Meltzer, Eve R. 32
 Membreno, Mark B. 32, 64
 Menezes, Erin M. 3
 Meng, Ashley L. 64
 Meng, Julie L. 41
 Meng, Kevin 5, 41
 Meng, Sabrina P. 15
 Menken, William A. 5
 Menossi Neto, Maurício 64
 Mensah, Baran Q. 3
 Merkel, Joseph A. 14
 Merker, Helena A. 9
 Merrell, Andrew C. 17
 Meyer, Abigail R. 64
 Meyer, Karl F. 3
 Meyers, Marilyn R. 4
 Meyers, Wade T. 35, 37

Miao, Danaé M. 64
 Miao, Vincent N. 88
 Mickens, Shanti K. 5
 Middleton, Kendra L. 50
 Midrez, Noemie B. 54
 Migliore, Christina P. 88
 Mikhail, John P. 88
 Miles-Thomas, Jennifer U. 60
 Miller, Andrew B. 9
 Miller, Benjamin 88
 Miller, Daniel M. 88
 Miller, Duncan M. 54
 Miller, Nicholas D. 65
 Mills, Emmi L. 20
 Millstein, Joanna D. 106
 Millward, Jane A. 46
 Milton, Julia 88
 Minasyan, Gevorg 57
 Miner, Katherine E. 21
 Minnich, John D. 96
 Minster, Arrow 97
 Mintzer, Gabriel L. 41
 Mionis, Julia G. 52
 Mishra, Kartikesh 21
 Mishra, Rumna 60
 Mitchell, Joshua A. 2
 Mitchell, William B. 41
 Mitnikov, Ilan 73
 Mittal, Danny 22
 Mitzel, Kiersten D. 5
 Mobius, Arielle K. 3
 Modiano, Sara A. 15
 Modilim, Obinna P. 19
 Moehring, Alex V. 97
 Moezzi, Shayda 9
 Mohammedsahleh, Asaad H. 9
 Mohan, Kabir 1
 Mohan, Sahil D. 24
 Mohan, Shree N. 9
 Mohd, Omar N. 46
 Mohiuddin, Hassan 9
 Mohr, Fabian 65, 88
 Moir, Katherine P. 32
 Molina Guerra, Carlos A. 96
 Molina, Mikala N. 46, 55
 Molina, Santiago 65
 Molitor, Zachary 101
 Moliver, Shayna M. 52
 Momenzadeh, Mariam 54
 Moncada, Armando 5
 Moncrieffe, Priya A. 12
 Mondal, Neelambar 41
 Monden, Yuichiro 54
 Monel, Shawn A. 9
 Monir, Kirmina M. 4
 Monnig, Jonathan R. 54
 Monsalve Rodriguez, Catalina 41
 Monsalvo, Sebastian 3
 Montas, Enrique B. 41
 Moon, Intae 88
 Moore, Caden A. 14
 Moore, Colby L. 60
 Moore, Gabrielle L. 12
 Moore, Lauren C. 25
 Moossavi, Seyedeh Boshra 25
 Morais, Conrado H. 60
 Moralejo, Jenny U. 9
 Morales, Joseph P. 41
 Morales, Noah M. 9
 Moran, Patrick H. 102
 Moreno Sader, Kariana A. 49
 Moreyra, Valerie A. 65
 Morgan, David C. 21
 Morgan, Eleanor E. 60
 Morgan, Jacob A. 32
 Morgan, Lucy I. 5
 Morgan, Rachel E. 88
 Morgan, Scott 65
 Morice, Peter G. 35
 Morin, James D. 2
 Morris, Justin W. 65
 Morris, Spencer H. 65
 Morse, Kristy 60
 Morton-Ferguson, Calder O. 102
 Morton, Kairo T. 11
 Morton, Miranda E. 65
 Mose Jr., John J. 5
 Mosser, Mark A. 2
 Motamedy, Parinaz 65
 Mouelhi, Ismail 70
 Moura, Ygor 18
 Mozannar, Hussein 78
 Mpofu, Nickie 3
 Mridula Prakash 52
 Mridul, Ashmi 25
 Mubaki, Jospin Kalamire 52
 Mui, Christopher 65
 Mui, Timothy P. 60
 Mukhopadhyay, Rounak 65
 Mullanpudi, Subrahmanya Ravi Kiran 60
 Müller Imbern, Enrique Marcos 71
 Mullineaux, Sophia A. 65
 Mundilova, Klara 88
 Munduga, Patrick A. 58
 Munjal, Mrigi 31, 37
 Munyikwa, Zanele T. 97
 Muppalla, Siddharth C. 9
 Muradyan, Natalie 41
 Murali, Varun 88
 Murga, Blanca M. 50, 65
 Muriga, Veronica W. 41
 Murphy, Daniel T. 51, 65
 Murphy, Michael A. 88
 Murphy, Sean H. 46
 Murphy, Trevor 35
 Murray, Keith T. 73
 Mushtaq, Javad-ul-Mutayyab 59
 Musser, Seth W. 102
 Mutabazi, Barbara B. 59
N
 Naboulsi, Nadine 65
 Nachtigal, Catherine J. 50
 Nadarajah, Kishanthan 59
 Nader, Andrew J. 29
 Naeem, Nazish 29
 Nahmias, Omri Yitzhak 59
 Nakagawa, Anisha P. 27
 Nakano, Shunsuke 65
 Nalamalapu, Vishva 57
 Namazov, Abutalib 9
 Namkoong, Gil 102
 Narayanan, Neosha G. 74
 Narayanan, Shyam S. 79
 Narayanan, Srinidhi 12
 Naré, Hyacinthe 59
 Narula, Anirudh 52
 Nataraj, Dilip 60
 Nates, Eva 35
 Nathani, Misha A. 65
 Natriavi, Windy 59
 Natsubori Sato, Erich 57
 Nay, Matthew F. 56
 N'Diaye, Mariama 27, 65
 Ndiaye, Waly-Meissa 5
 Ndongmo, Bryant K. 22
 Negi, Abhilasha 65
 Negi, Parimarjan 88
 Negm, Ahmad H. 41
 Nehal, Umbereen S. 59
 Nester, Lucy M. 15
 Nety, Suchita P. 88
 Newman, Julie E. 65
 Ng, Jason M. 27, 29
 Ngo, Thomas T. 73
 Nguyen, Brittany H. 68
 Nguyen, Christina 14
 Nguyen, Dien L. 13
 Nguyen, Khiem H. 13
 Nguyen, Linh K. 11
 Nguyen, Nathan N. 65
 Nguyen, Ngoc B. 9
 Nguyen, Shayla T. 9
 Nguyen, Thanh 88
 Nguyen, Thanh P. 41
 Nguyen, Thienan D. 5
 Nguyen, Tien 65
 Nguyen, Timothy 12
 Nguyen, Tin D. 88
 Ng, Wei C. 102
 Nicola Antoniu, Teodor 46, 65
 Nicoletti, Matthew S. 102
 Nie, Melissa F. 11
 Nieto Michelis, Oscar L. 52
 Nigam, Manish 60
 Nihipali, Holly C. 54
 Nikolova, Joana N. 50
 Nilsen, Heath G. 14
 Niroula, John P. 46
 Nisser, Martin E. 88
 Niu, Feina 9
 Niu, Yuru 21
 Niyomsatian, Kanyakorn 65
 Nocito, Marco L. 41
 Noel, Myles I. 18
 Noga, Christopher W. 56
 Nogueira Reis, Isabela 65
 Nolan, William D. 5
 Northcutt, Keilee I. 5
 Notaros, Milica 88
 Nothacker, John S. 54
 Nowinski, Thomas D. 65

- Nrusimha, Aniruddha 46
 Nsofor, Obianuju L. 65
 Nuhu, Abdullahi Tsanni 57
 Numa, Kentaro 54
 Nurthen II, John M. 54
 Nwakoby, Joshua N. 16
 Nweneka, Delight O. 11
 Nwigwe, Alexandra C. 41
 Nyiam, Nten P. 41
- O**
 Obeng-Marnu, Naana D. 28
 Oberst, Michael K. 89
 Obioha, Chizitere 65
 Obochi, Tobe M. 9
 O'Brien, James P. 65
 Ocampo, Javier A. 46, 54
 O'Connell, Nineveh 27
 Odagiri, Takuya 65
 O'Driscoll, Justin 52
 Ofer, Tamar M. 25, 29
 Ogawa, Masahiko 59
 Ogbe, Daniel T. 21
 Oglesby, Miles A. 14
 O'Hearn, Natalie A. 15
 Oh, Jiwoo 65
 Ohstrom, Eva Viktoria T. 51
 Oh, Sung Eun S. 27
 Okolo I, William K. 3
 Okoye, Donald O. 46, 65
 Okoye, Nnedimma 13
 Oladimeji, Favour A. 15
 Olaleye, Ololade O. 46, 65
 Olazabal Tamayo, Maria A. 65
 O'Leary, Willis C. 89
 Olivares Lopez, Rodrigo 68
 Oliveira Maciel, Taísa 59
 Oliveira, Troy P. 9
 Oliver, Elyse L. 27
 Oliver, Juliana B. 65
 Oliver, Wade A. 60
 Olshanskiy, Yury 97
 Omenaca Muro, Pablo 65
 Omran, Omar J. 60
 O'Neil, Hazel B. 27
 O'Neill, Brendan W. 106
 O'Neil, Stephanie L. 102
 Ong, Brenda Bi Hui 59
 Onserio, Teddy 57
 Ontiveros, Johnattan H. 31
 Onwah, Oghenemaero U. 59
 Onyeador, Chelsea N. 89
 Opazo Gezan, Matías A. 52
 Opoku-Mensah, Jeffery 22
 Oppenheim, Julius J. 102
 Orchinik, Reed I. 72
 Orderique, Piero F. 9
 Orlova, Yuliia 30
 Orsky, Alexandra C. 65
 Ortea Varela, Ines 32
 Ortiz, Alexander E. 102
 Ortiz, Elaine G. 22
 Orzech, Edan 46
 Osuolale, Moruph 5
- Oquadani, Oussama 27
 Ou, Anthony C. 41
 Ouko, Edwin O. 5
 Owens, Rachel K. 46
 Owopetu, Ayodele C. 65
 Øye, Mads B. 70
- P**
 Paca, Edgar D. 54
 Pachler de la Osa, Nils 89
 Packham, Tanner J. 4
 Padilla, Erick 19
 Padmakumar, Jai P. 102
 Page, Lucy E. 96
 Paige, Cody A. 89
 Pai, Sameer 9
 Pajjuri, Mallika R. 4
 Pak, Christopher J. 22
 Palanisamy, Tilak P. 60
 Palmer, David R. 89
 Pammit, Oomi 9
 Pang, Subeen 89
 Pan, Jessica N. 9
 Pan, Katherine L. 22
 Pankhurst, David K. 24
 Pankin, Andrew I. 60
 Papacica, Daniel 41
 Papenfuss, Tanner J. 54
 Parakh, Meenal 41
 Paranjpe, Pankaj V. 60
 Paras, Jonathan S. 89
 Parayanken, Deepak J. 59
 Pardiñas, Tomas V. 65
 Park, Chanwoo 46
 Park, Chanyoung 102
 Park, Charlotte I. 46
 Parker-Ashe, Jordan J. 15
 Parker-Magyar, Elizabeth K. 96
 Parker, Mirae L. 89
 Parker, Patrick L. 60
 Park, Janette H. 4
 Park, Jeong Min 102
 Park, Joon-Sung 65
 Park, Joon Tae 29
 Park, Rachel J. 20
 Park, Seyeon 52
 Park, Soyun 89
 Parks, Sean M. 35
 Parsan, Nithin 11, 43
 Parsons, Christopher W. 102
 Parthasarathi, Sruthi 15
 Pasetsky, Zoe J. 15
 Pasha, Aqil 65
 Patankar, Aniket S. 89
 Patel, Breana 60
 Patel, Harsh 65
 Patel, Neil D. 57
 Patel, Nikasha G. 73
 Patel, Preet R. 28
 Patel, Radha R. 9, 41
 Patel, Richa 65
 Patel, Serena N. 31, 46
 Pathak, Shakul 49
 Patnaik, Ritik 41
- Patrick, Keeghan J. 33
 Pattathil, Sarath 89
 Patterson, Alexandra M. 65
 Patterson, Lydia J. 5
 Patton, Henry A. 65
 Paulin, Cole J. 5
 Payne, Cadence B. 89
 Pearson, Joshua E. 96
 Pecqueur, Ilona 70
 Pedraza Pineros, Isabella 41
 Pedro, Oyindamola 65
 Peet, Janet J. 102
 Pefkou, Dimitra A. 102
 Pek, Albert 59
 Peláez Carbone, Gabriel O. 60
 Peña, Christina M. 65
 Pena, Mario E. 65
 Pendowski, Katia D. 2
 Peng, Kaidong 89
 Peng, Tianyi 89
 Peraire-Bueno, Anton W. 9
 Pereira Monteiro Proenca Cerca, Luisa 57
 Pérez Gago, Cecilia 14
 Pérez Olvera, Santiago 52
 Perez, Sergio A. 41
 Perkins, Ryan A. 65
 Perrin, Matthieu A. 71
 Persits, Nili 89
 Pertiwi, Lisia A. 65
 Petersen, Julia 36
 Peters, Evelyn G. 17
 Peterson, Mason B. 50
 Petit-Frere, Lawrence 59
 Petrenko, Stanislav 60
 Petrusenko, Vlada 9
 Petruzzi, Maxwell V. 68
 Pettersson, Gustav M. 89
 Pfrommer, Daniel S. 46
 Pham, Binh C. 9
 Pham, Sydney A. 13
 Phan, Angelica D. 18
 Phillips, Ross C. 65
 Phol, Narin 60
 Phoompson, Panupong 19
 Phoon, Hee Yau 59
 Phu, Charles K. 13
 Phung, Tuong T. 11
 Phya, Nolen 27
 Pichel, Tomas A. 65
 Pieper, Brenton A. 72
 Pieper, Paula F. 68
 Piephoff, Daniel E. 102
 Pierce, Max W. 36
 Pilpre, Erika 12
 Pincot, André M. 36
 Pineda Carrillo Sr., Omar F. 52
 Pinede, Julien 68
 Pinheiro Fauray, Thiago 52
 Pinheiro, Rebeca N. 59
 Piras de Oliveira, Carolina 60
 Piszczek, Miloslawa 41
 Pitt, Jordan A. 106
 Pittman, Cameron W. 50
 Pixa, Chase R. 75

Plank, Anna V. 18
 Platenberg, Drake M. 54
 Podrug, Anita 74
 Polanunt, Passachai 65
 Polen, McKinley M. 41
 Pollmann, Mina E. 96
 Pombo, Andres 59
 Ponce Castillo, Alexis 9
 Ponce, Eric A. 89
 Pontula, Sahil 46
 Porter, Allison P. 89
 Posada, John J. 14
 Potts, Lea G. 59
 Powell, Ashneal S. 9
 Powell, Barrett M. 102
 Prasad, Suparnamaaya 37
 Prasai, Apekshya 96
 Preis, Benjamin J. 76
 Price, Rachel E. 89
 Propson, Helen O. 9, 41
 Propson, Thomas C. 46
 Proskauer Valerio, Francisco R. 12
 Pu, Grace X. 9
 Pullen, Krista M. 89
 Puri, Anusha 15
 Pusey, Alesandra L. 15
 Pushpita, Subha Nower 41
 Pylypovych, Gregory 11
 Pyo, Bryan 41

Q

Qasim, Mohammad M. 89
 Qian, Crystal J. 57
 Qian, Janet Y. 5
 Qin, Albert W. 19
 Qin, Wenzel 102
 Qin, Yuting 20, 74
 Qiu, Guochen 70
 Qiu, Jinghan 70
 Qiu, Kelly N. 65
 Qiu, Lingyi 3
 Qi, Yanghan 32, 65
 Quach, Alex H. 41
 Quaye, Isabelle A. 41
 Queipo Morales, Laura I. 41
 Queipo, Sabrina I. 9
 Quinn, Christopher T. 30
 Quinn, Hailey R. 1
 Quiñones Flores, Jesús A. 60
 Quintero, Sebastian M. 12
 Quint, Jedidiah T. 65
 Quist, Kramer M. 96

R

Raad, Jad 32
 Rabenold, Elizabeth 5
 Rached Viso, Juan A. 5
 Radermecker, Victor T. 68
 Radev, Simeon I. 29
 Radhakrishnan, Simon 20
 Rafa Islam, Khandoker N. 46
 Rafkin, Charles M. 96
 Ragavan, Seyoon 46
 Raghavan, Rumya S. 89
 Raghu, Aniruddh 89

Rahul, Anirudh 5
 Rajagopal, Ellery M. 41
 Rajagopal, Kirsi K. 56
 Rajasekaran, Sudarsanan 46
 Rajendran, Vishakk 3
 Raj, Mayank 52
 Rajvee, Muhender Raj 9
 Ramadani, Muhammad Rizki Rayani 27
 Ramadan, Mahdi F. 102
 Ramadan, Mahmoud M. 31, 36
 Ramadhan, Ali 102
 Ramakanth, Rudrapatna Vallabh 50
 Raman, Deepika 31
 Ramette, Joshua 102
 Ramirez, Anthony F. 65
 Ramirez, Beatriz E. 65
 Ramirez, Erika V. 59
 Ramirez, Gustavo 20
 Ramirez, Josephine L. 13
 Ramirez Jr., Hugo E. 41
 Ramírez Sánchez, Edgar 31, 47
 Ramkumar, Vayd S. 11
 Ramos, Rodrigo R. 60
 Ramsay, David B. 76
 Ramseier, Michelle L. 90
 Ranade, Esha V. 9
 Rana, Shubhangi 65
 Randall, Abigail M. 31
 Randolph-Akushie, Miriam A. 65
 Ranganwamy, Shriya M. 15
 Raphael, Dylan J. 19
 Raphael, Steven N. 9
 Rathinasabapathi, Brindha P. 18
 Ratra, Tanya 70
 Rau, Aaditya V. 30
 Ravasio, Mattia 68
 Ravi, Basuhi 90
 Ravichandar, Sanjna 41
 Ravichandran, Anish 5
 Ravichandran, Joseph P. 47
 Ravichandran, Madhumitha 50
 Raviillu, Surya T. 65
 Ravindra, Abhishek 59
 Ravin, Karla A. 18
 Ravuri, Chaitanya 9
 Rayakar, Kunal 65
 Ray, Jessica M. 90
 Raymond, Lindsey 97
 Rayner, Oliver E. 14
 Ray, Tiandra M. 27
 Readlinger, John R. 5
 Real, Karyn N. 56
 Rebbagondla, Jaya Manideep 30
 Rebello, Nathan J. 90
 Rebolledo-Ledesma, Amari 18
 Recinos, Elder 60
 Redden, Maya S. 19
 Reddy, Srikanth K. 68
 Redmond, Eric B. 60
 Reed, Kelsey M. 90
 Reese, Max H. 1
 Reeves, Marlyse H. 90
 Rehman, Danyal 90
 Reidy, Kate 90

Reig Torra Jr., Jan 68
 Reimer, Clemens F. 29
 Reinhard, Ellen M. 24
 Reinhorn, Roy 65
 Reisig, Katherine G. 2
 Relihan, Mackenzie J. 22
 Renda, Alexander D. 90
 Rengarajan, Shruthi 102
 Ren, Jiaoying 68
 Ren, Jingyi 102
 Ren, Zhichu 90
 Reperttang, Brendon 9
 Reshamwala, Shreya V. 9
 Restrepo, Alfonso D. 13
 Revel, Manon 78
 Reveron, Daniel E. 54
 Reyes Holguín, Mariana 5
 Reynolds-Cuéllar, Pedro N. 76
 Reynolds, Sophie 9
 Rice, Grant W. 65
 Rice, Sean A. 6
 Rice, Teague A. 22
 Richards, Daniel H. 54
 Richardson, James R. 41
 Rich, Benjamin R. 14
 Richert, Daniel C. 60
 Richmond, Robyn C. 36
 Ridley, Blake C. 65
 Riki, Smah 13
 Riley, Peter G. 65
 Rinaldi, Adalberto 70
 Rinard, Christopher E. 9
 Rios, Brandon S. 36
 Rioseco Mercado, Camila 65
 Rivadeneira Hurtado, Tomas 59
 Rivera Valentin, Yaniliz 52
 Rizika, Jacob 65
 Rizo López, Alexis M. 70
 Roa, Anthony S. 59
 Roach, Jonathan S. 2
 Robbins, Gabrielle L. 96
 Roberson, Jackson H. 12
 Roberts, Noah W. 65
 Roberts, Thomas G. 90
 Robin, Arnaud 72
 Robinet-Duffo, Richard V. 71
 Robins, Matthew C. 66, 72
 Robinson, Garrett I. 14
 Robinson, Joshua D. 90
 Robinson, Rachel V. 9
 Rocafort Fernandez, Roland 68
 Rocke, Ryan J. 52
 Rodrigues Alves, Lilian C. 59
 Rodriguez, Andre 2
 Rodriguez, Diego V. 9
 Rodriguez, Jacob J. 102
 Rodriguez, Julio A. 6
 Rodríguez Muñoz, Adrián 47
 Roeder, Gillian J. 2
 Roeseler, Paul C. 68
 Ro, Hana D. 3
 Roise, Annika L. 66
 Rojas Collins, Elias G. 22
 Rojas, Mateo S. 52

Rojo, Grace M. 22
 Roman, Francisco G. 71
 Romanishin, John W. 90
 Romanov, Cory J. 19
 Romeo, Nicolas 102
 Romero Arrazcaeta, Sabrina 41
 Romero Pompa, Andres 66
 Rosalia, Luca 90
 Rosario, Eduardo 27, 66
 Rosario, Jon F. 22
 Rose, Isabelle A. 19
 Rosendorf, Jessica M. 36
 Rosenkranz, Eric H. 60
 Rosenstein, Olivia T. 19
 Rosenzweig, Sierra N. 32, 66
 Ross, Alexis J. 47
 Ross, Charlotte R. 66
 Rossikopoulou Pappa, Styliani 36
 Rossi, Zane M. 102
 Ross, Jillian A. 47
 Rota, Doreen T. 17
 Rotella, Sebastian 13
 Rothaus Barrera, Benjamin A. 20
 Rotman, Katherine M. 24
 Rouillard, Vincent S 96
 Rozario, Consecrata M. 22
 Rubel, Evan S. 9
 Rubin, Dana 6
 Rubinstein, Adi A. 59
 Ruebeck, Hannah K. 96
 Ruiz, Ricardo 9
 Rulko, Théo A. 50
 Rupasinghe, Dinuri S. 14
 Russell, Pedro V. 66
 Russell, Stuart E. 96
 Russo, Anna E. 96
 Ruwet, Jean 66
 Ryan, Brianna N. 15, 51
 Ryan, Dylan C. 2
 Ryser, Patric 32
 Ryu, Soo Yeon 13

S
 Saadi, Jana I. 90
 Sadagopan, Ananthan 18
 Saddler, Mark R. 102
 Sadhuka, Shuvom 47
 Sadler, Cecilé E. 28
 Safarova, Aleksandra 60
 Sagar, Prem 54
 Sahacharoenwat, Ponpat 27
 Sahagun, Alvaro 47
 Sah, Ashwin 103
 Sahasrabudhe, Atharva B. 103
 Sahin, Selin 25
 Saini, Gaurav K. 59
 Sakib, Gazi S. 33
 Salgueiro Rodrigues Filho, Sandro 90
 Salk, Noah J. 90
 Salman, Hadi 90
 Saló Salgado, Lluís 90
 Samardzic, Nikola 90
 Samb, Mohamed 9
 Sampson, Jonathan A. 33

Sams, Sarah A. 2
 Sananes, Alexander 49
 Sánchez Castro, Manuel A. 59
 Sanchez, Eli A. 90
 Sanchez Guiza, Vanessa J. 14
 Sanchez, Karissa A. 42
 Sandadi, Varsha 74
 Sanderlin, Allen G. 103
 Sandoe, Lucy A. 74
 Sandoval Olascoaga, Sebastian 76
 Sandoval Sandoval, Jorge Isaac 31
 Sand, Sara C. 90
 San Soucie, John E. 106
 Santiago-Alvarez, Daniel A. 22
 Santiago Araiza, Victoria D. 27
 Santollani, Luciano 91
 Santoni-Colvin, Morgan A. 31
 Santos, Juan P. 59
 Sapozhnikov, Katherina A. 3
 Saputra, Mochammad D. 66
 Saraf, Priyamvada 66
 Sarangereel, Sumiyajav 9
 Sarantopoulos, Fotios 71
 Sarao Jr., Christopher J. 36, 55
 Saravanan, Akila 50
 Sardis, Matthew A. 17
 Sarma, Tara S. 20
 Sarmiento, Alina T. 3
 Sartor, Andrea 59
 Sasaki, Minoru 66
 Sasaki, Yotaro 66
 Savkin, Semen 22
 Savoldy, Lark B. 42
 Savvidis, Achilleus H. 18
 Sawhney, Mehtaab 103
 Sawmya, Shashata 47
 Sawyer, William J. 91
 Saxena, Nishank 60
 Sayre, Stefan J. 66
 Schaadt, Derek J. 9
 Schaal, Isabel V. 75
 Schaefer, Morgan E. 14
 Schaefer, Rachel B. 91
 Schafer, Daniel M. 9
 Schelhaas, Booker B. 36
 Scheuller, Ellison J. 19
 Schiffer, Gillian L. 32
 Schipper, Abigail E. 3
 Schlesinger, Daphne E. 91
 Schmitz, Zachary K. 47, 54
 Schnitzler, Jenna A. 24, 25
 Schoenfeld, Theodore 20
 Schofield, Catherine J. 42
 Schofield, Landon 49
 Schofield, Matthew E. 50
 Schotz, Max 66
 Schrage, Leonard R. 27
 Schroder, Jemma W. 22
 Schug, Jennifer L. 32
 Schultz, Nicholas J. 3
 Scott, Justin R. 97
 Scott, Karen M. 72
 Seaberg, Charles B. 36
 Seblu, Azariah G. 9

Sechrist, Michael P. 60
 Seeyave, Evan A. 9
 Sefah, Gary 33
 Seguin, Alexander F. 13
 Sena Fañas, Luis D. 59
 Sena, Luis Felipe B. 52
 Sengenberger, Maggie M. 9
 Senthilnathan, Chockalingam 91
 Senthil, Swathi 9
 Seo, Jaeun 96
 Seo, Wonhee 59
 Sepulveda Morales, Francisco 54
 Serrano, Steven 50
 Sessa, Kathryn G. 66
 Sessions, Payton J. 66
 Sesti, Nathan J. 19
 Seu, Mark T. 66
 Seurin, Paul R. 47, 51
 Sévère, Stéphanie E. 32, 66
 Sevilla, Andres E. 9
 Sewaramani, Karishma 66
 Seyde, Tim N. 91
 Shachar Schleyer, Noga 59
 Shad, Daud 27
 Shah, Arish N. 103
 Shahdadpuri, Anushka V. 27
 Shahid, Misha 27
 Shah, Ishika 6
 Shah, Sohil 97
 Shaker, Youssef H. 31, 47
 Shamsie, Maryam A. 54
 Shanmugam, Divya M. 91
 Shan, Xiaoyu 91
 Shao, Kevin Z. 42
 Shao, Vivian K. 12
 Sharma, Charvi D. 11
 Sharma, Prafull 91
 Sharma, Rohan 70
 Sharma, Sugandha 103
 Sharygin, Daniel 18
 Shastri, Ishana A. 42
 Shaw, Alexander J. 52
 Sheehan, Tara P. 3
 Shehada, Khaled K. 42
 Sheill, Zoe L. 20
 Sheldon, Michael A. 16
 Sheline, Carolyn R. 91
 Shen, Daniel W. 47
 Shen, Dingyu 47
 Shenfeld Amit, Idan 47
 Sheng, Fang 36
 Sheng, Zhurui 12
 Shen, Hehe 66
 Shenoy, Nakul 20
 Shen, Silu 9
 Shen, Ting 71
 Shen, William W. 47
 Shen, Yunyi 47
 Sherif, Abdurahman 6
 Sherman, Sydney E. 91
 Shibusatani, Marina 66
 Shi, Emily Y. 17
 Shiffman, Miriam E. 91
 Shigiltchoff, Nicole Z. 20

Shih, Pao-Chuan 91
 Shih, Tsai-Ting 103
 Shi, Liang 91
 Shin, Youngjin 47
 Shi, Ruizhe 70
 Shivayogi Angadi, Nandika 66
 Shodipo, Imanuella O. 6
 Shortt, Fiona M. 12
 Shtuhl, Benjamin J. 66
 Shukla, Ayush S. 68
 Shukla, Niraja 52
 Shum, Val H. 1
 Shumway, Hannah N. 27
 Shu, Tony 76
 Shuttleworth, Reece S. 20
 Shuvo, Ikra Iftekhar 29
 Shu, Yuxin 50
 Shwatal, Nathan A. 6
 Sibanda, Leroy K. 47, 54
 Sibel, Anaisa N. 12
 Sidhom, Samy S. 60
 Sieniewicz, Satchel H. 3
 Sigismondo, Vincent 60
 Silva Barbosa, Caio 59
 Silverman, Bryan S. 66
 Silverstein, Miles J. 66
 Silver, Thomas S. 91
 Silwal, Sandeep B. 91
 Siman, Lucrecia M. 66
 Siman Machon, Gabriel 66
 Simha, Kalyan Prasanna 52
 Simhon, Sage 42
 Simonian, Gaiane 66
 Simon, James B. 12
 Simon, Sarah J. 27
 Simpson, Rorie A. 12
 Simpson, Sara K. 103
 Singer, Avinoam A. 103
 Singer, Jeffrey 60
 Singh, Amandeep 54
 Singha, Mrinalini 25
 Singh, Harveer 43
 Singh, Kristin A. 103
 Singh, Manish 91
 Singh, Nalini M. 91
 Singh, Nikita 68
 Sinha, Anjali 42
 Sinha, Anubhav 91
 Sinha, Varnika 42
 Sirisena, Malagalage Don Ehantha 60
 Siska Aguilar, Ignacio 66
 Situ, Julia 44
 Sivakumar, Ragulan 6
 Sivaraman, Vibhaalakshmi 91
 Sizaire, Paul P. 31
 Sjoblom, Stephanie B. 66
 Skeel, Brighton A. 103
 Skiba, Dhyllan A. 36
 Skimmons, Jacob D. 37
 Skoog, Emilie J. 103
 Skuhersky, Michael A. 103
 Slamp, Kaye A. 66
 Sledzieski, Samuel R. 91
 Smalls, Paris 106
 Smerekanych, Eva B. 1
 Smith, Argen 20
 Smith, Lily R. 2
 Smithline, Jeremy L. 22
 Smith, Malia C. 2
 Smith, Quentin A. 16
 Smith, Shannon C. 50
 Smith, Skylar W. 66
 Smith, Tory D. 50
 Smolsky, Joseph 103
 So, Chun Man Oswin 50
 Soerlie, Maud 70
 Soetanto, Desi 66
 Sohn, Joshua C. 42
 So, Joanne 66
 Soleymani, Ashkan 47
 Solis, Javier 9
 Sollee III, Richard P. 42
 Sologuren, Emily R. 42
 Solombela, Ayabulela 66
 Solomon, Alyssa M. 6
 Soltas, Evan J. 96
 Somasundaram, Siddharth 29
 Somsirivattana, Thana 22
 Sonar, Anoopkumar S. 47
 Song, Bolin 68
 Song, Grace Y. 9
 Song, Grace Y. 42
 Song, Hanjun 91
 Song, Jaeyun 72
 Song, Woohyong 59
 Soni, Prajna V. 31, 47
 Sophonpanich, Natcha 66
 Sørensen, Karl-Johan I. 25, 32
 Soriano Sergi, Maria Agustina A. 66
 Soto, Cruz S. 14
 Soto, Johan J. 22
 Soto, Jose 14
 Soza, Matthew A. 20
 Spaeth, Katherine C. 36, 56
 Spicer, David A. 16
 Spiegel, Rylie P. 3
 Spiekermann, Kevin A. 91
 Spilka, Jackson M. 66
 Spiller, Matteo 71
 Spinetta, Alexis K. 22
 Spiride, Andrei G. 42
 Spitzer, Branden N. 4
 Sprague, Jordan W. 19
 Squires, Theodore F. 66
 Sreekumar, Anup 54
 Sridhar, Siddharth 2
 Srinivasamoorthy, Arvind 60
 Srivastava, Shashvat 42
 Staal, Tyler E. 60
 Stankovits, Bennett L. 20
 Stan, Teodora 9
 Steiness, Anders C. 70
 Stepaniants, George 103
 Sterling, Max A. 66
 Stevens, Bethany L. 106
 Stewart, Ethan M. 14
 Stiles, Nicole C. 42
 Stinson, Jordan A. 91
 Stok, Melissa E. 4
 Stokols, Sol A. 76
 Storme, Kayla R. 103
 Strauch, Michael D. 50
 Strizik, Sari E. 17
 Stromme, Austin J. 92
 Struckman, Isabella M. 11
 Studer, Alexandre S. 42
 Su, Angela J. 17
 Su, Annlin 13
 Suarez Aguirre, Pedro A. 22
 Suarez Colmenares, Felipe 103
 Suárez, Joseph 92
 Suarez, Kayla 15
 Su, Arnold C. 22
 Su, Ashley 2
 Subramaniam, Vighnesh 42
 Subramanian, Deepak A. 92
 Sugarman, Alexandra M. 66
 Suga, Yuki 59
 Suggs, Jack R. 13
 Sujchantararat, Suleeporn 92
 Sulaiman, Azfar 47, 54
 Sullivan, Luke R. 36
 Sullivan, Tiffany 60
 Sumant, Prasad 60
 Su, Megan 42
 Sund, Jade C. 42
 Sun, Eric R. 22
 Sung, Eric R. 103
 Sun, Grace K. 11
 Sun, Helen 3
 Sun, Lili E. 6
 Sun, Melinda M. 42
 Sun, Ruijiao 106
 Sun, Vanessa 74
 Sun, Weiyi 60
 Sun, Wenjin 12
 Sun, Yihang 22
 Sun, Yitian 103
 Sun, Yueqi 29
 Suresh Babu, Anantha Narayanan 36
 Suriyaammaranon, Chatchanun 22
 Suryarao, Kimaya P. 37
 Sussman, William A. 47
 Sutanto, Antony J. 32
 Suter, Nicolas E. 70
 Su, Tingyu 92
 Suzuki, Hiromasa 59
 Suzuki, Kensuke 54
 Svidrun, Paul 70
 Swartz, Phoenix M. 18
 Sweet, Joshua A. 17
 Sweet Jr., Mark D. 36, 66
 Syangtan, Deepsing 103
 Sy, Criselda C. 66
 Syed, Sarah S. 15
 Szabo, Rachel E. 103
 Szeto, Winnie 3
T
 Taechawichian, Sanprem 12
 Tagle Llamosas, Santiago 66
 Tagliabue, Andrea 92

- Taheri, Seyed Mostafa 52
 Tainter, Stephen M. 55
 Takagi, Kyoko 66
 Takeoka, Naohiro 70
 Talmor, Angelique M. 66
 Tammen, Sarah E. 103
 Tamura, Yosuke 71
 Tanaboriboon, Phakjira 68
 Tan, Aik Rui 92
 Tanaka, Nicolas K. 19
 Tan, Andrew 103
 Tang, Bryan Y. 103
 Tang, Melbourne 19
 Tang, Rui 60
 Tang, Wenhui 92
 Tan, Shiyin 68
 Tan, Wan Yun 57
 Tan, Yi-Ern Samuel 25
 Tan, Zipei 10, 42
 Tao, Julius L. 42
 Tao, Max J. 19
 Tasawat, Suwapat 66
 Tas, Demircan 25, 47
 Tashima, Isabelle 66
 Tauber, John M. 103
 Taylor, Katherine I. 104
 Taylor, Reid 68
 Tedla, Yaphet 66
 Tegler, Logan A. 107
 Teh, Anzo Z. 47
 Teh Yaoyuen, Alain 66
 Tejedor, Leandra 47, 55
 Teng, Melissa Q. 27
 Teng, Qingyi 70
 Tepe, Cem A. 42
 Terpstra, Irene E. 42
 Tesfaye, Bethlehem F. 27
 Teshome, Christian H. 6
 Teyssiere, Carlos E. 66
 Thadawasin, Pakaphol 10
 Thakur, Nandini 10
 Thamparanon, Sitanan 66
 Thatcher, Florence F. 55
 Thayaparan, Leann P. 97
 Then, Eva A. 27
 Theron, Paul 68
 Thirumalai, Vittal 10
 Thomas, Grady M. 6
 Thomas, Grant E. 14
 Thomas, Marie-Renee 66
 Thompson, Alexa K. 66
 Thompson, Diamond N. 27
 Thompson, Erin M. 11
 Thwaites, Abigail 96
 Tian, Robin M. 14
 Tian, Yulun 92
 Tian, Yuxuan 92
 Tiepelt, Jan O. 92
 Tignol, Bo J. 32
 Tilo Jr., Mannie M. 2
 Timilsina, Pratistha 10
 Tiwari, Ritaank 42
 Tjandrasuwita, Megan M. 47
 Tjokrosetio, Douglas 52
 Tmimi, Mohamed Amine 52
 Tobias, Zachary J. 107
 Todd, Jessica E. 107
 Tohidi Kalorazi, Amir 78
 Tohme, Tony 92
 Toh, Wei Lun 104
 Tokuda, Hidenobu 57
 Tolani, Yuvika 27
 Toma, Flavius M. 60
 Tomaylla Eme, Jorge A. 10
 Tomita, Rie 59
 Tong, Amanda G. 20
 Tong, Daniel L. 4
 Tong, Di 72
 Tong, Kevin C. 42
 Tong, Yao 70
 Tontici, Sabina 42
 Torres-Castillo, Maria d. 60
 Torres, Franco J. 60
 Torres, Gabriela A. 55
 Tortora, Luke G. 66
 Toso, Pietro 70
 Tostado Bringas, Victoria E. 59
 Toure, Mohammed A. 92
 Tranie, Hermine 68
 Tran, Tung X. 19
 Trautman, Leilani A. 42
 Trebach, Adam M. 104
 Trézariieu, Raphaël 32
 Tripathii, Eeshan 10
 Tripathi, Rohit 57
 Tripathi, Vishrant 92
 Trivino, Carlos A. 14
 Troy, Ryan C. 60
 Trumper, Ella S. 15
 Tsai, Gwendolyn 36
 Tsai, Lillian Y. 92
 Tsakiris, Nikolaos 3
 Tsao, Nicholas 10
 Tsay, Allison C. 50, 66
 Tse, Hoi Yee Jocelyn 66
 Tse, Megan W. 92
 Tseng, Chi Sheng 52
 Tsengeg, Nasan 66
 Tsimring, Katherine R. 104
 Tsoi, Ka Yi 70
 Tsuchiya, Nana 66
 Tsuchiya, Tohori 66
 Tuchinda, Nutth 92
 Tu, Christine W. 10
 Tucker, Keili A. 27
 Tucker, Mycal D. 92
 Tucker, Nolan T. 104
 Tumkur Mahesh, Prajwal 36
 Turakhia, Dishita G. 92
 Turk, Graham M. 31
 Turkmen, Turgay 52
 Turner, Bradley R. 72
 Turner, Maxwell S. 22
 Turnquist, Drake E. 52
 Tyagarajan, Abhinav 66
 Tyagi, Sarthak 70
 Tysinger, Emma P. 44
- U**
 Uanarumit, Uapoom 66
 Ubellacker, Samuel L. 36
 Ufert, Julian 49
 Ugorji, Amanda A. 24
 Uldry Lavergne, Camille G. 20
 Uliassi, Linnaea D. 4
 Ulyanov, Anton 66
 Umaschi, Matias 66
 Ume, Ikechukwu C. 59
 Ungar, Alexander E. 47
 Upton, Jonathan E. 61
 Urban, Maxime 70
 Urbi, Claire 52
 Urrea Bordones, Ignacio Alejandro 57
 Ursachi, Carmen-Ioana 92
 Utkarsh 30
 Uwase, Sonia 6
 Uzoh, Nwakaego 27, 66
- V**
 Vaidyanath, Varsha 31
 Vaidya, Sajiree Vivek 33, 66
 Valdes Diaz, Felipe E. 61
 Valencia, Manuel A. 6
 Valeri, Jacqueline A. 92
 Valicenti, Timothy T. 66
 Vallejo, Daniela L. 4
 Van Alstine, Estin K. 18
 VanBeek, Matthew C. 92
 van Biljon, Ernst H. 66
 Van de Zande, Georgia D. 92
 Van Duzer, Aidan K. 19
 Vanparys, Thierry F. 71
 VanPelt, Steven C. 12
 Van Peski, Roger W. 104
 Vapnek, David M. 56
 Varelas, Georgios 66
 Vargas, Ava E. 12
 Varineau, Jade E. 104
 Varnhagen, Alex M. 52
 Varongchayakul, Cholapat 18
 Vashistha, Anant 68
 Vasilyan, Arsen 92
 Vassallo, Brian G. 104
 Vaughan, Brendan C. 51
 Veerapala, Supravee 70
 Vega Saucedo, Saul A. 10
 Veiberg, Henrik H. 70
 Vela González, Carlos D. 33, 67
 Velasevic, Boris 42
 Velásquez Mansilla, Luis C. 67
 Velez, Amber C. 3
 Vélez Pardo, Martín 104
 Vendemiatti Haddad, Ana C. 36, 67
 Vendrow, Joshua L. 47
 Venepally, Manas 61
 Venkatapathy, Vedantha R. 6
 Vennelakanti, Vyshnavi 104
 Venneri, Lorenzo N. 51
 Venon, Loic H. 12
 Vepakomma, Praneeth 76
 Verma, Ria 52
 Vetrichelvan, Opalina 20

- Vettrains Bachstein, Melissa 61
 Vibbi, Leonard F. 28
 Vidhate, Chetan V. 55
 Vidic, Vanessa R. 12
 Vidyakina, Anna 61
 Vieira, Alberto S. 59
 Viera Alegria, Gabriela 59
 Viets, Chris 19
 Vignaroli, Adam D. 33, 67
 Villagran, Daniel 22
 Villalobos Carballo, Kimberly M. 97
 Villanyi, Agnes 47
 Villarreal, Jaime 16
 Villegas Gonzalez, David 55
 Villegas, Juan D. 61
 Vlavianos, Nikolaos 76
 Voelcker, Gabriel M. 97
 Vogelbaum, Evan H. 10
 Volchko, Nathan W. 93
 Volpe, Daniel J. 1
 Volyanyuk, Bohdan I. 67
 von Herff, William B. 57
 von Wrangel, David 42
 Voronin, Diana N. 42
 Vuksanaj, Kiran S. 6
 Vu, Vivian T. 15
- W**
- Wagenmans, Yoshia J. 10
 Wagner, Luke A. 10
 Wagura, Utheri M. 19
 Wakhare, Tanay 47
 Waldman-Brown, Anna J. 77
 Walk, Erin E. 78
 Walker, Katherine L. 104
 Walsh, Anna N. 107
 Walter, Hannah J. 67
 Wan, Edward 22
 Wang, Alexander Z. 30
 Wang, Alex 10
 Wang, Alice 67
 Wang, Andy 10
 Wang, Annie 10, 42
 Wang, Archer D. 42
 Wang, Binzhe 77
 Wang, Brandon 11
 Wang, Cassia B. 44
 Wang, Chonghe 93
 Wang, Christopher 10
 Wang, Daisy 15
 Wang, Daniel J. 10
 Wang, Danielle Y. 104
 Wang, Daniel 36
 Wang, Eric 10
 Wang, Frank Y. 22
 Wang, Hanrui 93
 Wang, Hanting 70
 Wang, Haoyue 97
 Wang, Helen K. 10
 Wang, Jessica J. 2
 Wang, Jessica 19
 Wang, Jett Z. 42
 Wang, Jialan 42
 Wang, Jingyi 104
- Wang, Karen R. 12
 Wang, Kelly G. 20
 Wang, Lei yuan 70
 Wang, Maxwell Z. 3
 Wang, Mian 70
 Wang, Miaorong 93
 Wang, Nina Y. 56
 Wang, Ping 52
 Wang, Purui 47
 Wang, Qianqian 70
 Wang, Qing Yi 93
 Wang, Qinwen 68
 Wang, Qiuyuan 48
 Wang, Sarah Y. 10
 Wang, Shao Lan 29
 Wang, Sharon S. 67
 Wang, Sophia J. 14
 Wang, Stacy S. 16
 Wang, Wei-En Warren 43
 Wang, Wei 71
 Wang, Xuejing 59
 Wang, Yifan 10
 Wang, Yifan 70
 Wang, Yifei 97
 Wang, Yijia 70
 Wang, Yiqing 24
 Wang, Yu-Jou 93
 Wang, Yuting 72
 Wang, Yu 93
 Wang, Zachary L. 67
 Wang, Zeguan 77
 Wang, Zelin 70
 Wanichkul, Athikom 33
 Wan, Jun 93
 Wan, Zimo 70
 Ward, Joseph R. 14
 Warner, Noah S. 55
 Warren, Caroline C. 56
 Wasuwanich, Pris 13
 Watanabe, Yutaro 55
 Waters, Benjamin A. 50
 Waterworth, John T. 33
 Watkins, Eliot M. 96
 Wauford, Noreen A. 93
 Wayne, Zachary 68
 Weaver, Colin M. 2
 Webb, Jason B. 36, 56
 Wegmueller, Jakob M. 36
 Wei, Annie Y. 104
 Weinfeld, Andrew J. 22
 Wei, Sarah 22
 Weißbach, Reimar 67
 Weiwu, Laura 96
 Welch, Ryan C. 22
 Wen, Collin A. 10
 Wen, Dian 55
 Wen, Haoran 6
 Wen, Melody L. 12
 Wen, Quan 70
 Wen, Tao 70
 Westerling-Bui, Thomas 61
 West Jr., Aaron M. 93
 Weston, Joshua A. 52
 Whiteaker, Kate 51
- White, Austin K. 4
 White, Cameron E. 10
 Whitmore, Garrett B. 6
 Whittier, Elizabeth A. 48
 Wickert, Charlotte I. 19, 51
 Wickman, Sydney C. 32
 Wijitworasart, Warit 19
 Wiles, Emma B. 97
 Wilhelm, Tatum G. 13
 Wilkins, Devin C. 55
 Willette, Daniel T. 33, 67
 Williams, Charles J. 10
 Williams, Kyle M. 67
 Williams, Randi C. 77
 Williams, Susan 24
 Willis, Heather L. 48, 56
 Wilmott, Lisandra E. 61
 Wilson, Glenn A. 61
 Wilson Jr., Brian M. 17
 Wilson, Nicole E. 96
 Wilson, Ruth H. 32
 Wilson, Tyler B. 96
 Windom, W. G. 67
 Wing, Shannon P. 43
 Wisdom, Daniel F. 43
 Witham, Isabella H. 15
 Witkowski, Joshua E. 61
 Wittenberg, Chloe E. 96
 Wojtaszek, Mateusz M. 48
 Wojtyna, Adrianna D. 43
 Wolfram, Catherine C. 104
 Wolk, Samuel Z. 25
 Wolowicz, Olga G. 67
 Womack, Christopher B. 31, 50
 Wondwossen, Lili 67
 Wong, Bryan M. 15
 Wong, Christopher Z. 20
 Wong, Hon Ting 25
 Wong, Jamie Jing-Men 96
 Wong, Kwan Yee Queenie 61
 Wongprommoon, Arun 43
 Wongsittikan, Pitipat 25
 Wong, Zoe 6
 Won, Hanna 55
 Won, Jaeyeon 48
 Woo, Jongchan 93
 Woo, Kyoungwan 10
 Wootton, Dylan R. 48
 Wornell, Joshua W. 14
 Worrell, Brandon A. 3
 Wossenseged, Bruke A. 6
 Wralstad, Evans C. 104
 Wright, Benjamin P. 22
 Wright, Sanne E. 27
 Wright, Thomas G. 68
 Wu, Benjamin M. 22
 Wu, Bowen 6
 Wu, Farrell Eldrian S. 43
 Wu, Jessica L. 10
 Wu, Tong 67
 Wu, Tsung-Hsuan 29
 Wu, Xiaoyu 68
 Wu, Xin Tong 61
 Wu, Xinyu 93

Wu, Xuanrui 70
Wu, Yan 22
Wu, Yen-Chu 55
Wu, Yifan 104
Wu, Yixin 70
Wuyts, Celine 57
Wu, Ziyi 57
Wynne, Raymond A. 43

X

Xia, Janabel T. 22
Xia, Julia 10
Xiang, Jingdong 22
Xiang, Xin 70
Xian, Ming 70
Xiao, Amy 93
Xiao, Guangxuan 48
Xie, Audrey H. 10
Xie, Cindy J. 1
Xie, Qingyun 93
Xie, Xinyan 70
Xie, Yi 22
Xie, YuQing 48
Xing, Albert B. 10
Xing, Shan 61
Xisto, Thais C. 28
Xiu, James A. 10
Xu, Acer E. 104
Xu, Angelina 6, 43
Xu, Ben 29
Xu, Clara Y. 19
Xu, Duo 36
Xue, Fan 48
Xue, Zi Yu 48
Xu, Guanpeng A. 43
Xu, Haike 48
Xu, Jessica J. 6
Xu, Jessica Y. 43
Xu, Jingyu 70
Xu, Kelly R. 10
Xu, Muhua 10, 43
Xu, Ronald B. 10
Xu, Wenhao 33
Xu, William 10
Xu, Xiangcheng 50
Xu, Yan 52
Xu, Yilang 107
Xu, Yilei 70
Xu, Yilun 93
Xu, Zhehan 70

Y

Yabe, Keiko 28
Yadav, Pradyot S. 48
Yamashita, Haruka 67
Yammine, Kathryn M. 104
Yan, Binwei 10, 43
Yan, Chengfei 70
Yandrofski, Spencer D. 3
Yañez-Laguna, Diego 1
Yang, Alicia 22
Yang, Anqi 43
Yang, Bryan S. 55
Yang, Christopher M. 96
Yang, Fan 93

Yang, Grace H. 93
Yang, Helen 10, 43
Yang, Jesse S. 10
Yang, Jinchen 70
Yang, Jing 71
Yang, Jinyi 104
Yang, Jixiang 73
Yang, John J. 11
Yang, Karen K. 67
Yang, Leerang 93
Yang, Lei 93
Yang, Mingyu 93
Yang, Peiyu 10
Yang, Ruixiao 50
Yang, Ryan P. 6
Yang, Ryan 10
Yang, Shiqi 48
Yang, Sophie C. 23
Yang, Victoria 15
Yang, Yifan 93
Yang, Yihan 70
Yang, Yi Jun 12
Yang, Yuchen 49
Yang, Yuheng 48
Yang, Yuzhe 93
Yang, Zhenze 93
Yang, Zhiheng 70
Yang, Ziyue 70
Yan, Yicheng 67
Yan, Zhongxia 93
Yao, Andrew 22
Yao, Brianna S. 10
Yao, Rong 33, 67
Yarina, Elizabeth R. 77
Yarnall, Timothy M. 61
Yau, Ray-Pern 55
Yee, Gianfranco L. 15
Yeh, Anna 104
Ye, Kevin 94
Yen, Derek J. 43
Yen, Sabrina Y. 67
Yeoh, Zi Song 22
Yeo, Kai Liang 71
Yeon, Seong Ho 77
Ye, Shuman 67
Ye, Tong 10
Yeung, Matthew 94
Yeung, Yip Fun 94
Ye, Yufeng 94
Ying, Samantha 12
Ying, Victor A. 94
Yip, Audrey H. 12
Yi, Wangli 25
Yocum, Julian R. 43
Yoder II, Harley B. 20
Yoder, Spencer R. 14
Yonzon, Prarabdha O. 68
Yoon, Chanwoo 10
Yoon, Joyce E. 10
Yoo, Yen Hann 68
Young, Lucy 3
Yu, Alan 11
Yu, Alice 12
Yuan, Bin Yu 70

Yu, Andrew C. 94
Yuan, Joyce 10
Yuan, Xizi 70
Yu, Emily M. 67
Yuen, Valerie A. 22
Yugov, Elizaveta 4
Yu, Isabella 6
Yukawa, Ayako 55
Yu, Melody 18
Yu, Mingxin 50
Yun, Dae Hee 104
Yung, Cathy A. 23
Yun, Suyeol 57
Yu, Pu 104
Yu, Qifan 36
Yu, Shangdi 94
Yu, Siyang 70
Yu, Yue 70
Yu, Zekai 70

Z

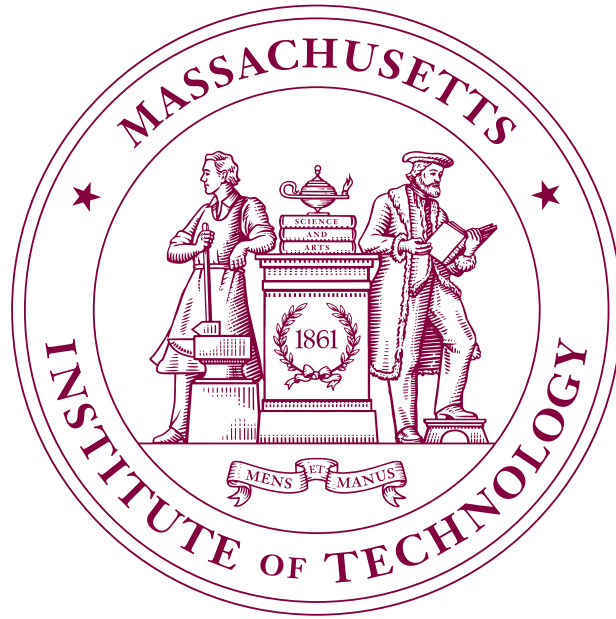
Zafar, Hadiqa 104
Zahid, Ethan A. 22
Zahorodnii, Andrii 20
Zaman, Sameia 48
Zambrano, Carlos A. 67
Zammit, Alexa S. 37
Zamora, Izabella L. 43
Zang, Alicia 6
Zanon, Andrea 68
Zareno, Kaitlin W. 74
Zaza, Nadine A. 55
Zemoura, Yahia 61
Zeng, Cynthia 97
Zeng, Tianyi 94
Zeng, Yuting 24
Zen, Hilary W. 10
Zerhouni, Hamza 68
Zhai, Xiyu 94
Zhang, Annie 104
Zhang, Biying 67
Zhang, Bochuan 11
Zhang, Boyu 29
Zhang, Caroline S. 18
Zhang, Chen 71
Zhang, Chuwei 36
Zhang, Cindy 72
Zhang, Difei 48
Zhang, Erin W. 6
Zhang, Hanqi 70
Zhang, Hao 96
Zhang, Irene H. 105
Zhang, Isaac S. 56
Zhang, Jackson 10
Zhang, Jenny L. 43
Zhang, Jinhua 59
Zhang, Jinyuan 70
Zhang, Lige 29
Zhang, Lili 52
Zhang, Linyi 52
Zhang, Livia S. 3
Zhang, Michael S. 43
Zhang, Molin 94
Zhang, Qianhan 70

Zhang, Qinyun 70
 Zhang, Rebecca S. 18
 Zhang, Ruiming 52
 Zhang, Ruiqi 48
 Zhang, Ruixi 70
 Zhang, Ruojia 70
 Zhang, Ruowang 43
 Zhang, Sarah J. 10
 Zhang, Selena 10
 Zhang, Shengwei 68
 Zhang, Shu Yang 4
 Zhang, Songyuan 50
 Zhang, Sophie S. 10
 Zhang, Stan 56
 Zhang, Victoria Y. 72
 Zhang, Wei 48
 Zhang, Wenchao 52
 Zhang, Wenqing 67
 Zhang, Wesley 10
 Zhang, Xinran 68
 Zhang, Xinyi 71
 Zhang, Yige 71
 Zhang, YiYu 105
 Zhang, Yuening 94
 Zhang, Yutong 33
 Zhang, Zachary T. 10
 Zhang, Zhao 55
 Zhang, Zhekai 48
 Zhan, Yichen 70
 Zhao, Allan 94
 Zhao, Celina T. 16
 Zhao, Elisha R. 28
 Zhao, Jerry J. 22
 Zhao, Katherine 10, 43
 Zhao, Lucy 15
 Zhao, Sarah A. 10
 Zhao, Siyu 67
 Zhao, Tianchen 71
 Zhao, Tong 43
 Zhao, Wayne 22
 Zhao, Yushi 55
 Zhao, Zehao 68
 Zhao, Zijie 94
 Zheng, Amanda Y. 10
 Zheng, Cheng 94
 Zheng, Jared 11
 Zheng, Joey 10
 Zheng, Kristine X. 20
 Zheng, Ruiying 12
 Zheng, Sophia J. 10
 Zheng, Tianyuan 56
 Zheng, Vicky 10
 Zheng, William 67
 Zheng, Winnie X. 43
 Zheng, Xinran 71
 Zheng, Yan 12
 Zheng, Yaxuan 71
 Zheng, Yingzhe 49
 Zheng, Yunhan 94
 Zheng, Yuxuan 10
 Zhong, Calvin 24, 28
 Zhong-Johnson, En Ze Linda 105
 Zhong, Ziqian 10
 Zhou, Bingnan 55
 Zhou, Bingyu 68
 Zhou, Quan 67
 Zhu, Aaron Y. 17
 Zhu, He 71
 Zhu, Junyi 94
 Zhu, Meilin 94
 Zhu, Ophelia M. 43
 Zhu, Rui 71
 Zhu, Sebastian 22
 Zimmerman, Michael T. 75
 Zimmer, Philipp 31, 48
 Zitzmann, Alexis V. 22
 Zivanovic, Goran 56
 Zoccolini-Ferreyra, Irina 11
 Zompi', Stanislao 96
 Zong, Michelle J. 4
 Zou, Yangluyao 71
 Zuretz, Gad 59
 Zulfikar, Wazeer D. 28
 Zuñiga Gurruchaga, Ane 48
 Zunker, William R. 36
 Zydzik, Magda H. 67
 Zylstra, Jessica A. 15

This book reflects the degree list as of May 24, 2024.

This document is intended as a souvenir of
MIT Commencement.
Any other use, or dissemination, without permission is prohibited.

© Massachusetts Institute of Technology 2024. All rights reserved.



MIT Institute Events
77 Massachusetts Avenue
Cambridge, MA 02139

commencement.mit.edu

