



MIT
COMMENCEMENT

20
26

MIT Commencement
Honoring the graduates of 2026

Thursday, May 28, 2026

 **Massachusetts
Institute of
Technology**



WELCOME

The Class of 2026 will join a great, global family of more than 150,000 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 2026!

Sally Kornbluth
President

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SCHOOL OF ARCHITECTURE AND PLANNING

Bachelor of Science in Architecture

Course IV

Department of Architecture

Wonuola M. Abiodun

Also with a Major in Course I-ENG
Minor in Mathematics

Katrina Joy Chan

Also with a Major in Comparative Media
Studies
(February, 2026)

Vicky R. Chen

Also with a Major in Course XV-3
(February, 2026)

Yihong Chen

Minor in Urban Studies and Planning
Minor in Earth, Atmospheric, and Planetary
Sciences

Alexandra Jacqueline Coston

Awen E. Gronda

(February, 2026)

Justin Jinho Lee

Jessica Hong Nguyen

Dila Sadiye Ozberkman

Also with a Major in Course XI

Christine H. Park

(February, 2026)

Berhanu H. Snyder

Angelica Zhuang

Minor in Entrepreneurship & Innovation
Minor in Art, Culture and Technology

Bachelor of Science in Art and Design

Course IV-B

Department of Architecture

Julia Rose Hoeffner

Also with a Major in Course II-A

Ayah M. Mahmoud

Bachelor of Science in Planning

Course XI

*Department of Urban Studies and
Planning*

Emily Canales

Chloe Smith

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*

Olivia M. Avelino

(February, 2026)

Lisa Li-Liang

Amelie Luthien Nagle

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

Lucila Carlos

Caroline A. Langmeyer

Cláudio Amadeu Malaz Si Banjai
Minor in Computer Science

Xavier Mercado Colón
(February, 2026)

Jade Axele Personna
Minor in Political Science

Tananya Prankprakma
Minor in Computer Science

Delphine Thalia Protopapas
Minor in Urban Studies and Planning

Christine W. Tang
(February, 2026)

Margarita Bao Chuan Zambrano

Bachelor of Science in Climate System Science and Engineering

Department of Civil and Environmental Engineering

Katherine A. Kempff
Also with a Major in Course XXI-G

Bachelor of Science in Mechanical Engineering

Course II

Department of Mechanical Engineering

Avani Ahuja
Also with a Major in Course VI-1
Minor in Women's and Gender Studies

Mustafa Hassan Khaleel Al-Obaidi
Also with a Major in Course XXI-T
(February, 2026)

Maya A. Ayoub
Minor in Energy Studies

Elizabeth Augusta Bazhenov
Minor in Theater Arts

Wren S. Berlanga

Maryanna Betterly
Minor in Music
Minor in Energy Studies

Giovanina Rose Brinckerhoff

Bronwyn C. Busby

Romina Betzabeth Cano Velasquez

Angelica Maria Castro-Salazar

Nicholas James Cerone
Also with a Major in Course VI-2
Minor in Management
Minor in Music

Adelene M. Chan
Minor in Computer Science

Ruchitha Channapatna
Minor in Anthropology
Minor in Biomedical Engineering

Olivia R. L. Chen

Tissany Chen
Minor in Computer Science

Florida Mahano Cishesa
Minor in Computer Science

Kylee Renae Cogdill

William J. Cruz
Also with a Major in Course VIII

Jack Edward DeBaugh

Eric Daniel Delgado
Also with a Major in Course VI-4

Molly Margaret Dulde

Tyler Ea
Minor in Physics
Minor in Energy Studies

Drake Harrison Elliott

Sophie Y. Fan

Alexandra Healy Feland

Kevin D. Garcia

Andre Romeo Greene

Sarah Arwa Habona
Minor in Literature

Julianne Mia Hannon
Minor in Political Science

Evan Charles Harrison
Minor in Music

Ricardo Hernandez
Minor in Design

Erin Hollis Hovendon
Minor in Public Policy

Alena Yi-An Hu
Minor in Music

Haojing Huang

Samuel W. Huelsnitz

Karen Jiang

Ander C. Jurs

Aleksandra Karolina Kamińska
Minor in Spanish
Minor in Computer Science

Jonathan Meir Katz

David Keahi Keller
Minor in Literature

Margalit Kelsey
Minor in Architecture

Ava James Ladd

Vealy Lai
Minor in Design

Hong Jian Chong Li

David Lopez

Annika C. Marschner

Alejandro T. Mason

Isabella K. Mazzucca

Amanda S. Medina

Summer A. Moulder

Giuliana Pertuz

Wasim Kenroy Pysadee

Michael J. Rini
Minor in Economics

Kayla Robertson

Emma Scott
Minor in Environment and Sustainability

Sriram Sethuraman
Also with a Major in Course VI-2

Josiah L. Shimandle

Joshua S. Simon
Also with a Major in Course XVIII

Crystal Shih-Chieh Tang

Price Stewart Taylor
Minor in Spanish

Helena M. Usey
Minor in French

Isaac John Utesch

Alexandra Valdepeñas Ramírez
Also with a Major in Course VI-9

Sahara Carolina Villarreal Beltran
(September, 2025)

Jayna Simran Wadhwa

June Xiaoxi Yin
Minor in Computer Science

Sandra A. Youssef

Jacob T. Zerykier

**Bachelor of Science in
Mechanical and Ocean
Engineering**
Course II
*Department of Mechanical
Engineering*

John T. Dirig

Lucas Bernard Escandon

María J. Sánchez Méndez

Catherine Teagan Sullivan
Minor in Music

**Bachelor of Science in
Engineering as recommended
by the Department of
Mechanical Engineering**
Course II-A
*Department of Mechanical
Engineering*

Hannah Agwunobi

Ifeoluwatobi Alao

Luke Thomas Apostolides

Marco Antonio Arias II

Servando Avalos

Dana Soh-Yoon Barker

J Alessandro Briseno Tapia
Also with a Major in Course VIII

Jared C. Byars

Shealy Grace Callahan

Allen Chen

Natalie Rebecca Dean
Minor in Women's and Gender Studies

Oluwadara Oluwafadekemi Deru
Minor in Spanish

Rian Micaiah Evans
Minor in Writing

Casey Gordon Fienberg

Kelsey Fontenot
Minor in Literature

Ashley Gallitto
Minor in Design

Daniel E. Gliksberg

Iva Goel
Minor in Political Science

Kyle James Guerre

Emily Suyun Ha
Minor in Japanese

Timothy Edward Haarmann III

Jonathan Paul Hammer

Kara S. Hines

Arthur Hu
Also with a Major in Course VI-3

Grace Willow Hutter
Minor in Anthropology

Haris Imamovic
Also with a Major in Course XVIII
Minor in German

Adam Ivatorov
Minor in Economics

Morgan Grace Johnson Quamina

Robert M. Khazan
Minor in Management

Nebus A. Kitessa
(February, 2026)

Angelica J. Knudsen

Abraham Z. Krebs

Annica J. Lam
Minor in Management

Gage O. Lankford

Karina A. Lara

Kalin Trinh Le

Trent Ryer Lee
Minor in Energy Studies

Héctor Manuel Lúgaro Rodríguez

Alexander Patricio Mendez

Guillermo Daniel Mendoza Contreras
Also with a Major in Course VI-4

Claudia Miklavčič

Max Cassenti Miller
Also with a Major in Course VIII

Thomas V. Nguyen

Kenneth S. Oranga
Minor in Art, Culture and Technology

Lilia B. Ould-Hammou

Hezekiah R. Pendley

Mauricio Andrés Pereira Sánchez

Jose Antonio Ramirez
Also with a Major in Course VI-2

Luana Rampelotti
Minor in Computer Science

Joshua J. Randolph

Fernando Rendon

Carlos Gustavo Requena González
Minor in Design

Daniel Reyes

Lindsay Marie Del Rosario Reyes
Minor in Design

Olivia I. Rivera
Minor in Spanish

Pablo Francisco Rodriguez

Xavier Robin Sanchez

Joel Alejandro Santiago-Baretti

Stephen R. Schulze II

Alexandra Brooke Shanafield

Jared R. Steins

Joyce Tang
Minor in Computer Science

Claudius Taroon Tewari

Marguerite M. Thesmar

Kanokwan Tungkitkancharoen
Minor in Public Policy

Tessa Christine Uviedo

Dalila Valdes

Aliyah Maria Villalva

Alice Elizabeth Vranka
Minor in Management

Peyton J. Worthington
Also with a Major in Course XVIII

Christine Jiayi Xu

Ken Yaguchi

Yiting Ye

Angela L. Zhang
Minor in Design

Kathy J. Zhao
(February, 2026)

Eric F. Zhou

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

Carlos Daniel Anciano Martinez

Neha Basu
Minor in Computer Science

Nannette Leigh Chatman
Minor in Finance

Delia Elizabeth Harms
Minor in Spanish

Nikhita Anya Law
Also with a Major in Course VIII

Jeremy Allen Minniear

Emma Kealohaonālani Nakahodo-Bernardino
Minor in Mechanical Engineering

Jacqueline Prawira
Minor in Environment and Sustainability

Evia C. Rodriguez

Nicole M. Schmidt
Minor in Mechanical Engineering

Gordon Su
Also with a Major in Course VIII

Isabella Kaye Torres
Also with a Major in Course VIII

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

Course III-A

Department of Materials Science and Engineering

Witness Dhliwayo

Minor in Applied International Studies

Luke E. Jain

Also with a Major in Course IX
Minor in Japanese

German A. Preciado Rodriguez

(February, 2026)

Surya Sakhamuri

Nicole Ana Sandu

Minor in Earth, Atmospheric, and Planetary Sciences

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

Abdulaziz A. Aljuaid

(February, 2026)

Colin Edward Anthony Clark

Also with a Major in Course VIII

Riya Gupta

Minor in Mechanical Engineering
Minor in Literature

Anika Z. Huang

Heba Ismail Hussein

Faith Ufret Kelley

Jason Li

Marissa H. Liu

Anushka Naiknaware

Minor in Political Science

Veloria Roxanne Pannell

Minor in Chinese

Anhad Singh Sawhney

Minor in Mechanical Engineering
Minor in Materials Science and Engineering

Matthew Alan Taylor

Srinidhi Venkatesh

Minor in Spanish
(February, 2026)

William-trung Minh Vu

(February, 2026)

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

Anthony Logan Acevedo

Antonio Louis Avila

Soojung Bae

(February, 2026)

Raul Barrera

Arjun Barrett

Minor in Economics

Dylan J. Bradford

Minor in Music

George Karson Chang

Minor in Music Technology

Rafael B. Chavez

(February, 2026)

Cristine Chen

Also with a Major in Course XV-1

Stanley Chen

Also with a Major in Course VIII

Matthew A. De Jesus

Kieran N. Dunn

Gonzalo Joaquín Esparza

Also with a Major in Course X-C

Nathaniel G. Felleke

Mena Yaser Boshra Filfil

Lucien Cosmo Oscar Gaitskell

John R. Gray

Gabriel Winston Guillen

Patrick William Haertel

(February, 2026)

Victoria Hagenlocker

Holden J. Hall

Minor in Philosophy

Yeabsira L. Hawaz

Jonatan Hernandez-Mijangos

Minor in Physics

Pyae Sone Nyo Hmine

(February, 2026)

Jia Yuan Hu

Elijah S. Johnson

Minor in Mathematics

Maya Chandra Jyothinagaram

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Also with a Major in Course XVIII
Minor in Literature

Artem Laptiev

David B. Lee

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Minor in Music

Jake Li

Amber Lien
Minor in Mathematics

Selinna Lin

Ann Liu

Elaine Xiao Liu
Minor in Political Science

Sarah M. Lov

Ruth Lu

Justin Alexander Malloy
(February, 2026)

Dylan J. Marlborough
(February, 2026)

Christopher Mejia

Benjamin M. Morales
Minor in Physics
Minor in Mathematics

Javier José Alberto Mulero Fernández
Minor in Music Technology

Isaiah A. Nathaniel

Chisimdi Okoroafor

Momoiyioluwa Joshua Omotoso

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Minor in Economics

Artemis Anna Pados

Rishab Xin-Rui Parthasarathy
Also with a Major in Course VIII
Minor in Mathematics

Russell Perez-Tomas
Minor in Physics

Willow R. Pickernell

Michael Charles Popik
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Lucas Tadeu-Lannes Puig

Cole H. T. Ruehle
Minor in Political Science

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

Carlos Javier Sánchez

Amy Shi

Shruti Siva
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Minor in Linguistics
(See also M.Eng., Course VI-P)

Charles P. Spann

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

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Minor in Earth, Atmospheric, and Planetary Sciences

Toya Takahashi

Olivia Tang

Gilford Yee Shing Ting
Minor in Mathematics

Win Win Tjong

Alex Hieu Tran
Minor in Theater Arts
Minor in Design

Tatiana Nicole Vassiliev
Also with a Major in Course XV-3

Yuting Wang

Noah Joseph Wiley

Josephine F. Williams

Christine Yang
Minor in Literature

Gloria Boya Zhu
Also with a Major in Course IV-B
Minor in Comparative Media Studies

Eileen Crystal Zu

**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*

Aleksandr Abelyan

M.Subhi Abo Rdan
Also with a Major in Course VIII

Caleb Montgomery Abrams

Adan Abu Elnag
Minor in Public Policy

Feyifolu A. Adebekun

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

Sahal O. Ahmed
Minor in Mathematics

Shorna Alam
Minor in Biology
(February, 2026)

Oreoluwa O. Alao
(February, 2026)

Abdul-Kareem Adedeji Aliu

Fedaa Ahmed Alsoufi
Also with a Major in Course XI

Akash K. Anand
Also with a Major in Course XVIII
(See also M.Eng., Course VI-P)

Evan Andrews
(February, 2026)

Lucas R. Anger

Dominic D. Antonelli
Minor in Japanese

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

Ali Backour
Also with a Major in Course XVIII

Benjamin Bajd

Maggie Bao

Leticia Barbieri Stroeh
Also with a Major in Course XVIII

Lars Magnus Barkman
Also with a Major in Course XVIII

Lucas Bautista
Minor in Mathematics

Pedro Sebastian Becerril Salinas

Jackson Carlpatrick Blied
(February, 2026)

Andres D. Buritica Monroy

Garrett W. Campagna

Sebastian Misael Cano Sanabria
Also with a Major in Course XVIII

Jing Cao

Serena Cao
Also with a Major in Course XVIII

Anna Chan
Minor in Design

Hannah Y. Chang
(February, 2026)

David Dilip Chaudhari

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

Angela Jilan Chen

Carol Chen
Also with a Major in Course XVIII

Darren Chen

Derek G. Chen
Also with a Major in Course VII
Minor in Mathematics

Emma Chen
(February, 2026)

Jacky Chen

Jessica Chen

Kevin Chen
(February, 2026)

Richard Chen
Minor in Mathematics

Sophia W. Chen
Minor in Mathematics

Theodore W. Chen
Also with a Major in Course XVIII

Eunice Choi
Minor in Mathematics

Faraz Chowdhury
(February, 2026)

Cristián Isaac Colón Aponte

Elizabeth Ololade Comla

Luis Antonio De Anda, Jr.

Arthur De Los Santos

Harsh Deep

Xiaoman Ding
Also with a Major in Course XXI-M
(See also M.Eng., Course VI-P)

Sabrina Phuonglan Do

Yiqing Du
Also with a Major in Course VII
Minor in Mathematics

Isabella Duan
Minor in History

Konnie Kangning Duan
Also with a Major in Course XVIII
Minor in Economics

Anastasia Dunca
Also with a Major in Course XVIII

Shrika Eddula

Benjamin Andrew Fan
Also with a Major in Course XVIII

Calvin L. Farrow

Alexandra Fefelova
Also with a Major in Course XVIII

Raymond M. Feng
Also with a Major in Course XVIII
(February, 2026)

Timothy Feng

Rom Aiden Fradkin
Also with a Major in Course XVIII
(February, 2026)

Emma Fu
Also with a Major in Course XVIII
Minor in Japanese

Kyle Fu
Minor in Statistics and Data Science

Mahit R. Gadhivala
Also with a Major in Course XVIII

Leo S. Gagnon
Also with a Major in Course XVIII
(February, 2026)

Anakha Ganesh
Also with a Major in Course XVIII

Eva Y. Ge

Drew S. Geoly II
(February, 2026)

Aroshi Aryana Ghosh
Also with a Major in Course XV-2

Tarushii N. Goel

Lara Manuela Gomez

Paul Francis Xavier Gregory

Benjamin Zev Grey

Madalina Griza
Minor in Comparative Media Studies

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

Katherine Changtian Guo
Minor in Linguistics

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

Aarush Gupta
Also with a Major in Course VIII
Minor in Mathematics
(See also M.Eng., Course VI-P)

Charles Anthony Harmon
Minor in Mathematics

Thomas M. Harris III
(February, 2026)

Tarik Hasic

Kristin He
Also with a Major in Course XVIII

Yahir Hernandez
Also with a Major in Course XXI-M

Cameron Kazuyuki Holt

Autumn S. Hong

Kelly Hong
Minor in Japanese

Ayden W. Hoover
Minor in Mathematics
Minor in Statistics and Data Science

Alexander R. Horne
Minor in Mathematics
Minor in Finance

Alexander T. Hu
Also with a Major in Course XVIII
Minor in Physics
(February, 2026)
(See also M.Eng., Course VI-P)

Sean Colin Huckleberry

Mirza H. Hussain
Minor in Mathematics

Mohammed Ihtisham
Also with a Major in Course XV-2

Andrew C. Jiang

Connie Ping Jiang
Also with a Major in Course XVIII
(See also M.Eng., Course VI-P)

Tiana Yuting Jiang
Minor in Mathematics
(February, 2026)

Gabriel Jimenez
(September, 2025)
(See also M.Eng., Course VI-P)

Ege Kabasakaloglu
Minor in Economics
Minor in Mathematics

Anna Albertovna Kaganov
Also with a Major in Course XVIII
Minor in Spanish

Shreya Kalyan

Prompt Kerdphoksup

Evan Kim

Jennifer Yujin Kim

Jennifer Kim

Tae Wook Terry Kim

Yeojeong Kim

James Lorenzo Kuhlman
Minor in Economics
Minor in Mathematics

Asmi Kumar
Also with a Major in Course XVIII
Minor in Writing
(See also M.Eng., Course VI-P)

Dong gun Kwak
Minor in Music

Valerie Kwek
Minor in Economics
(September, 2025)

Abena Kyereme-Tuah
Minor in Management

Brian Nam Le

Kathryn Leanne Le

Madeline Leano

Brianna J. Lebrun

Andrew W. Lee
Also with a Major in Course XVIII
Minor in Music
(See also M.Eng., Course VI-P)

Frank Lee
Also with a Major in Course XVIII

Josephine Yim-Ling Lee
(See also M.Eng., Course VI-P)

Katherine Wanyi Li

Ryan H. Li

Yi Liang

Annabelle Elizabeth Liefke
Minor in Political Science

Maggie Jiayi Lin
Also with a Major in Course XVIII

Andrew Z. Liu

Elliot E. Liu

Evan Liu
Also with a Major in Course XVIII

Frank Liu

Jack H. Liu
Also with a Major in Course XVIII

Julia Ziwei Liu
Also with a Major in Course XVIII

Miranda X. Liu

Amitoj S. Lobana

Collin Steve Lung

Amber Luo
Also with a Major in Course XVIII

Xuân Thanh Lý

Courtney Yuanjia Ma
Minor in Writing

Victoria Xinyang Ma
(February, 2026)

Calvin Jacinto Macatantan
Also with a Major in Course XI
Minor in Mathematics
Minor in Applied International Studies

Muhammad Abubakar Mahmood

Siddharth Abhijit Marathe

Zachary Dimitre Marinov

John H. Marion Sims
Also with a Major in Course IX

Mohammad Nour Massri

Kai Teagan Wigglesworth McClennen
Also with a Major in Course XVIII

Timothy James Minicozzi
Minor in Mathematics

Sean Mario Mintz
Also with a Major in Course XVIII
Minor in Spanish

Michelle Mo
Minor in Writing

Ahmed M. Mohmedzain

Macsen Anderson Youry Moise

Sarah Mokhtar Abdella
Also with a Major in Course XVIII

Krystal Shen Montgomery
Minor in Design

Charikleia Moraitaki

Carolina Moura Valle Costa
Also with a Major in Course XVIII

Jean-Michel Mucowintore

Ava Grace Muffoletto

Olivia Raquel Muñoz
Minor in Spanish

Sanjana Mupparaju

Kalina Alexandrova Nikolova
Minor in Mathematics

Jamison J. O'Keefe
Also with a Major in Course XVIII

Faith Oluwatamilore Odunsi
Minor in Mathematics

Justin C. Okorie

Troy P. Oliveira
(September, 2025)

Ana Onoprishvili
Minor in Economics

Kayle Gisselle Orantes

Dougy Ouyang

Khushi Parikh
Also with a Major in Course XVIII

Fares Ibraheem F Pasuni

Bryan Khari Wood Payne, Jr.
Minor in Japanese

Serena Han Ching Pei
Minor in Chinese

Michael Peng
Minor in Mathematics

Diego R. Peón Castro

Maria Pham

Kira Renee Pospeshil
Minor in History of Architecture, Art and Design

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

Pravalika G. Putalapattu
Also with a Major in Course XVIII

Selena C. Qiao
Minor in Music
(See also M.Eng., Course VI-P)

Matthew R. Quispe
Also with a Major in Course XVIII

Nayeemur Rahman

Sejal Rathi
Also with a Major in Course XIV-2

Sreeja Thippireddy Reddy
Minor in Economics

Kayli M. Requenez
Minor in Finance

Younghun Roh

Victor Rosales

Brianna Roundtree
Also with a Major in Course XV-2

Shonell M. Rowell

Alor Aman Sahoo
Also with a Major in Course XXI-W

Paramuth Samuthrsindh
Also with a Major in Course XVIII

Alexandra I. Sanchez

Isaac Alexander Sanchez
(February, 2026)

Milena Sanchez

Artem Saraiev
Also with a Major in Course XVIII

AlQasem Senegali

Maanas Kumar Sharma
Minor in Public Policy
(February, 2026)

Sumedh Madhavi Shenoy
Also with a Major in Course XVIII

Brian Shi

Minki Shim
Also with a Major in Course VIII
Minor in Mathematics
Minor in Finance

Hyunsoo Alex Shin

Jessica Therese Shoemaker
Also with a Major in Course XXI-M

Denis-Bogdan Siminiuc
Also with a Major in Course XVIII
Minor in Linguistics

Matthew Antonio Smith

Kiwhan Song
(September, 2025)

Pranjal Srivastava
Minor in Mathematics

Ryan Edouard Stam
Minor in Biology

Emani Messiah Stanton

Henry P. Stennes
(February, 2026)

Anthony I. Stills, Jr.

Jingxuan Sun
Minor in Japanese

Michael Sun
Also with a Major in Course XVIII

Kaylee Lynn Sweet
Minor in Mathematics

Albert S. Tam

Joel Junyao Tan

Natalie Tang
Minor in Mathematics

Gwyneth Margaux Gutierrez Tangog
Also with a Major in Course XVIII

Diego Alejandro Temkin
Also with a Major in Course XI

Evan M. Thompson
(February, 2026)

Teimurazi Toloraia

Lowell M. Torola
(February, 2026)

Sophia Maria Torrellas
Minor in Brain and Cognitive Sciences

Jorge Andres Vasquez Pulache
Also with a Major in Course XVIII
Minor in French

Francesca N. Venditti
Minor in Biology
(February, 2026)

Pratyush S. Venkatakrisnan
Also with a Major in Course XVIII
Minor in Linguistics

Ria Verma

Justin Villa

Dylan Aaron Walker
Minor in Comparative Media Studies

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

Andrew B. Wang

Anthony Wentao Wang
Also with a Major in Course XVIII
(February, 2026)

Ella Y. Wang
(February, 2026)

Mason Wang
Also with a Major in Course XVIII

Nathan Ren-Jie Wang

Samuel Minmin Wang

Sarah Feng Wang

Sophie L. Wang
Also with a Major in Course XVIII

Nicholas Ping Wei

Jansen Chun-Yan Wong
Minor in Chinese

Radia Wong

Christopher X. Wu
Also with a Major in Course XVIII

Sonny Bo Wu

Thomas Zhitao Wu

Zhiron Cristina Wu Yuan
Minor in Japanese

Anthony Xiao

Robin Xiong
Minor in Mathematics
Minor in Chinese

Eric Minghao Yang

Jolin Yang
Minor in Mathematics

Alexis S. Yi
Minor in Writing
(February, 2026)

Benjamin J. Yonas

Jenny Yu
Minor in Mathematics

Jeremy Yu
Also with a Major in Course XVIII

William Hezhong Yue
Also with a Major in Course XVIII
(February, 2026)

Jennet Zamanova

Michael Luk Zeng
Minor in Mathematics

Ashley Y. Zhang
Also with a Major in Course XVIII

Wendy Zhang
Minor in Environment and Sustainability

Yaqi Zhang
Minor in Mathematics

Jonathan Nian Zu Zhao

Kevin Zhao

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

Yun Zhao

Minor in Japanese

Claire M. Zheng

Also with a Major in Course XVIII

Ivy Zheng

Also with a Major in Course XIV-2
Minor in Business Analytics
Minor in Literature

Dora Zhou

Also with a Major in Course XVIII
(February, 2026)

Emily Aili Shi Zhou

(February, 2026)

Grace Zhou

Minor in Finance
(February, 2026)

Evelyn Jiaxi Zhu

(February, 2026)

Isabella Xindi Zhu

Also with a Major in Course XVIII
Minor in Economics

Isamar X. Zhu

Minor in Environment and Sustainability

**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*

Eyimofe O. Adebayo

Annabel Olivia Folasade Adeyeri

Anushka Aggarwal

Also with a Major in Course XVIII
Minor in Economics

Arnav Aggarwal

Rodis Emir Aguilar Calix

Robert H. Albani

Minor in Mechanical Engineering
Minor in Music

Daniela de la Soledad Alfonso Garcia

Also with a Major in Course XV-2

Rayna Arora

(February, 2026)
(See also M.Eng., Course VI-P)

Juan F. Atehortua Paredes

Also with a Major in Course XVIII
(September, 2025)

Xander Anthony Backus

Also with a Major in Course XVIII
Minor in Physics

Calvin Lloyd Baker III

Minor in Mathematics

Rishika Bansal

Also with a Major in Course XVII

Lara Bernard

Minor in Business Analytics

Lillian Grace Bluestein

Nicolaniello Salvatore Buono

Sabrina Chen

Stephanie Chen

Sean Cheng

Cheuk Hei Chu

Also with a Major in Course XVIII
Minor in Economics

Nolan G. Clement

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

Gatlen C. Culp

Minor in Economics

Jacob D. David

Minor in Mathematics

Prince Appiah Debrah, Jr.

Beckett Lung Devoe

Tessa Jo Everett

Douglas Griffin Fisk

Minor in Finance

Julia M. Fortt

Cole Andrew Foster

Jabes Gallardo

Rodrigo Garza Garcia

(February, 2026)

Arko A. Ghosh

Ram Krishna Goel

Also with a Major in Course XVIII
(February, 2026)

Charles C. Goetz

Ernesto J. Gomez

Also with a Major in Course XVIII
Minor in Architecture

Francisco J. Gomez-Paz

Kent W. Goodman

Richard Gu

Karen Guo

Hannah Han

Julius Heitkoetter

Minor in Mathematics
(September, 2025)

Ellington D. Hemphill

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

Jasna Ilieva

Minor in Mathematics

Sebastian Amiri Ives

Also with a Major in Course XVIII

Eugene Y. Jiang
Also with a Major in Course VIII

Theodore Tianqi Jiang
Also with a Major in Course XX

Samir Kadariya, Sr.
Also with a Major in Course XVIII

Kavya Kalathur
Also with a Major in Course XV-3

Susan V. Kelley
Minor in Spanish

Kush Khamesra
Also with a Major in Course XV-2

Hyun Kim

Alaina Kolli

Vishruth R. Konakanchi

Michael Francis Kubera
Minor in Finance

Karen Li
Minor in Mathematics

Yeefay Li
Minor in Mathematics

Michelle Pearl Liang
Also with a Major in Comparative Media
Studies
(February, 2026)

Annie X. Lin
Minor in Biology

Yun Cheng Lin
Minor in Economics
Minor in Mathematics

James Liu

Amina Luvsanchultem
Minor in Management

Dylan James Mazard

Nicolas Sam Rushil Medapalli

Brendon T. Murphy
Minor in Music

Timothy P. Neumann

Kene Luca Nnolim

Eric Steven Noriega
Also with a Major in Course XVIII
Minor in French

Brios Elloy Olivares

Mannendri Olivares

Johlesa Miyheak Orm
Minor in Mechanical Engineering

Amanda Isabel Paredes Rioboo
Minor in Business Analytics

Krishnaveni Parvataneni

Prince G. Patel

Angel Ollin Patricio

Kristian Praizner

Philip Hyun Su Price
Minor in Music Technology

Anika Puri
Also with a Major in Course XV-1

Lijuan Qiao

Brian P. Rapanan
(February, 2026)

William Reed

Tara Rezaei Kheirkhah

Dylan Rodriguez Barrera
Minor in Music Technology

Chase J. Rubin
Minor in Finance

Ronak Saluja
Also with a Major in Course XV-2

Anusri V. Saraf
Also with a Major in Course XV-2
Minor in Music

Abigail Jenny Scharf
(February, 2026)

Julianna E. Schneider
Also with a Major in Course XVIII
(February, 2026)

Yasmeen A. Shabazz
Minor in Brain and Cognitive Sciences
Minor in Literature

Sophia Shi

Stephen Hyun-Soo Shin
Also with a Major in Course XVIII

Sokh Visal Soeun
Minor in Chinese

Nevena Stojkovic
Minor in Economics

Alaysia Leilani Bartolome Stone
Minor in Spanish

Lawrence Jiarui Tang
Minor in Finance

Oluwadamilola Victor Akhigbe Thomas
Minor in Mechanical Engineering

Alvin Tsai
Minor in Mathematics
(February, 2026)

Waris Tuchinda

Izar Vargas

Annika Vivekananthan
Minor in Mathematics

Josephine Wang

Lucia Jiaxin Wang
Also with a Major in Course XVIII
(See also M.Eng., Course VI-P)

Peiyun Wang
Also with a Major in Course XVIII

Runqian Wang
Also with a Major in Course XVIII

Sitian Wang
Also with a Major in Course XVIII

Christine Watts
Minor in Finance
(February, 2026)

Zachary West
Also with a Major in Course XVIII

Kevin John Windisch

Jinhee Won
(February, 2026)

Elisa Tianyue Xia

Vanessa Xiao
Minor in Mathematics

Angela Yuan
Also with a Major in Course XVIII

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

Henry C. Zhang
Minor in Finance

Kevin E. Zhao
Also with a Major in Course XVIII

Matthew Zhao
Also with a Major in Course XVIII

Renggeng Zheng
Also with a Major in Course XXIV-1
Minor in Brain and Cognitive Sciences
Minor in Ancient and Medieval Studies

**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*

Kevin Avila

Sophia Z. Cai
Minor in Music

Lee Chen

Jacob J. Cobb

Margaret C. Graseck
Minor in Earth, Atmospheric, and Planetary
Sciences

Siyoung Kim
Minor in Writing

Paridhi Latawa
Minor in Economics
(See also M.Eng., Course VI-7)

Anna Lian

Munir Libos Florez
(February, 2026)

Amanda Teresa Miyares

Iris Pang

Hieu Kien Phuong
Also with a Major in Course VIII

Greycen C. Ren
Also with a Major in Course XVIII

Alexa-Rae Punahelikanani Simao

Keonna Charlize Simon

Long Hei Anson So

Ayantu Mulugeta Tamene

Ashlee Tan
Also with a Major in Course XV-1

Abigail S. Thomas
Minor in Women's and Gender Studies

Matias A. Vergara

Emily Wang

Hannah Tan Wang

Linda Yufei Wang

Sophia L. Yao
(February, 2026)

Jacob Paul Yasonik

**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*

Richard Daniel Ayebare
(February, 2026)

Pratik Bhandari
(February, 2026)

Disha Chauhan
Minor in Energy Studies

Rohan Raj Deb
(February, 2026)

Hannah Friedman
Minor in Business Analytics

Ian Gonzalez Hermsillo

Aziz Hanafi

Vivien Huang

Yonathan K. Hundie

Catherine Lee
(February, 2026)

Kingston Yen Wei Lew
Also with a Major in Course XV-2

Anna W. Li
Also with a Major in Course XVIII

Yangyang Li
Also with a Major in Course XV-2

Francis Liu

Janet Jiaxin Liu
Also with a Major in Course XV-3
(February, 2026)

Melinda Liu
Also with a Major in Course XV-3
(February, 2026)

Nicholas Liu
Also with a Major in Course XV-3

Lok Yi Aerin Lo
Minor in Finance

Ethan Duc-Minh Nguyen
Also with a Major in Course XV-2

Lauren Norell Nichols

Kamau Lee Njendu
Also with a Major in Course XV-2

Hannah Sakura Ono
Also with a Major in Course XV-2

Sofia Pronina
Also with a Major in Course XV-2

Arianna Chen Scott
Also with a Major in Course XV-1

Emma Shi
Minor in Literature

Kailey A. Simons
Also with a Major in Course XV-2

Alexi Rheault Stewart
Minor in Environment and Sustainability

Elizabeth May Thorn
(February, 2026)

Maggie Z. Wu

Bachelor of Science in Chemical Engineering
Course X
Department of Chemical Engineering

Nicole Doering
Minor in Management

Grace Eloise Endy

Alice Lee Hall
Minor in Spanish

Eliana Mina Shin

Guillermo J. Su Gomez

Bachelor of Science in Chemical-Biological Engineering
Course X-B
Department of Chemical Engineering

Isabella Marie Aparicio-Morello

Tyler R. Arnold

Jane Consiglia Atkinson

Julie Chen
Also with a Major in Course XXI-L

Amanda Cheng

Favianna B. Colón Irizarry
Minor in Anthropology

Justine Akorfa Efua Dagadu

Javier Alejandro Gil Bolivar

Elián A. Hernández

Ruting M. Hung
Also with a Major in Course VII

Rachel Wingham Lee
Minor in Biomedical Engineering

Peyton Mae Meader
Also with a Major in Course VII

Anjolaoluwa Ayomide Ogedengbe

Gabriel Cristian Sanchez
Also with a Major in Course VI-7

Nana Abena Sapong

Zavian D. Strom

Claire Cerise Underwood

Kaya R. Weiser

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

Ugochukwu John Okwuadigbo
Also with a Major in Course VII
Minor in Science, Technology, and Society

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

Jad Abou Ali
Minor in Management
Minor in Theater Arts

Julia Casey

Gozel Dovranova
Also with a Major in Course VI-4

Enoch Franklin Ellis
Also with a Major in Course XVIII
Minor in Economics

Kaitlyn Marie Flowers
Minor in Energy Studies

Hannah Beatrice Hicks

Lucy Amelia Kanas
Minor in German

Sunwoo E. Lee

Lucas Ospina-Quintero

William Frederick Reinbold
Minor in Japanese

Sophie Madeleine Thompson
Minor in Political Science

Michelle Wang
Minor in Energy Studies

Emily Wong

**Bachelor of Science in
Aerospace Engineering**

Course XVI

*Department of Aeronautics and
Astronautics*

Abraheim Ahmed
Minor in Japanese

Loreta Arzumanyan
Also with a Major in Course XVIII
Minor in German

Tessa Shaye Baker

Jenna Cristine Blair
Minor in Spanish

Zachary J. Bleil

Conrad M. Casebolt

Suchitha Channapatna

Brenda Chow

Dashiell WS DeStefano
Minor in Political Science

Mollie K. Edmondson
Also with a Major in Course XVII

Ezra H. Eyre

Adriana M. Flores
Minor in Women's and Gender Studies

Dylan James Gaillard
Also with a Major in Course VI-4

Alexander Edwin Gale
Also with a Major in Course VIII

Elizabete Simona Grigalinovica Leja

Sera H. Hamilton
Also with a Major in Course VI-2

Biruk Anbessa Israel
Minor in Computer Science

Ian Jimenez Moncion
Also with a Major in Course XII

Luke A. Kelly
Also with a Major in Course VIII

Daniel A. Kurlander

Benjamin Arthur Lammers
Also with a Major in Course VI-2
Minor in Music

Caitlin Emmy Lian

Sydney AnneMarie Matthews

Norah Ryan Miller
Minor in Environment and Sustainability

Matthew Angel Mosqueda

Osahon L. Odiase

Hailey Danielle Polson
Minor in Public Policy

Dalton J. Rice
Also with a Major in Course VIII

William Joseph Roberts
Also with a Major in Course XVII
(See also S.M., Course XVII)

Brian Joseph Robinson
Also with a Major in Course XVII
(See also S.M., Course XVII)

Elizabeth Maria Rosa Romero

Elizabeth Anne Tupaj

Annika Maria Larsson Vaidyanathan

Aidan K. Vaughan
Also with a Major in Course XVII
(See also S.M., Course XVII)

Aaron K. Vliet
Minor in Music

Taras M. Yushchenko

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

Aeronautics and Astronautics

Course XVI-ENG

*Department of Aeronautics and
Astronautics*

Emily Spring Alborno
Also with a Major in Course VIII

Juan C. Alvarez

Marcos Franco Espitia-Alvarez

Gracianne Marie Goll
Minor in Political Science

Trevor Johst

Samuel Masters Krem
Also with a Major in Course VI-4

Beverly Ma

Andrew John Tufto
Also with a Major in Course VI-4

**Bachelor of Science in
Biological Engineering**

Course XX

*Department of Biological
Engineering*

Jace M. Abeyta

Emily Bautista

Devin Daniella Baynes

Tyler C. Burns

Harley Marie Carroll

Andrew James Emmel

Geoffrey C. Enwere

Alexis T. Fernandez

Stella B. Gassman

Diamond Imani Kemi Head
Also with a Major in Sci., Tech., & Society

Seoyun Heo
Minor in Computer Science

Angela K. Jiao

Melissa Jimenez Camejo
Also with a Major in Course XVIII
Minor in Biology
Minor in Literature
(February, 2026)

Erin E. Johnson
Minor in Computer Science

Catherine Kung
Also with a Major in Course VI-9
Minor in Music

Sofia Isabel Lara
Minor in Spanish

Lauren Clare Levy

Stephan Oscar Lindenthal
Also with a Major in Course XV-1

Rui Ran Liu
Minor in Computer Science

Sean Hoi Ching Luk
(February, 2026)

Logan A. Madrigal-Silver

Sheikh Bidushi Mahmud

Tyler Akitoshi Matsuzaki
(See also M.Eng., Course XX-P)

Leena Anne Mehendale
Minor in Spanish

Aarushi Mehrotra
Also with a Major in Course VI-3

Shuwen Mei

Annika Naveen
Minor in Finance
Minor in Computer Science

Kristine Que Nguyen

Olivia N. Orlik

Isabella S. Pérez Rodríguez

Monica A. Petulla
Minor in Theater Arts

Kyle Henry John Pratt
Minor in Biology
Minor in Computer Science

Leah Sophie Prizant

Peter Pu

Olivia K. Rando

Katherine Westcott Sanderson
Minor in Brain and Cognitive Sciences

Emma J. Schuler
Minor in Computer Science

Nathan Paul Shapiro
Minor in Biology
Minor in Computer Science

Katherine Francisca Spivakovsky
Also with a Major in Course VI-4
Minor in Biology
Minor in Mathematics

Matthew L. Stagg

Claire L. Wu
Also with a Major in Course XVIII
Minor in Computer Science

Isabella Yunfei Zeng
Also with a Major in Course VI-4
Minor in Mathematics

Clarence Zheng
Also with a Major in Course V
Minor in Mathematics

**Bachelor of Science in Nuclear
Science and Engineering**
Course XXII
*Department of Nuclear Science and
Engineering*

Noah L. Moore
(February, 2026)

Ian S. Morris
Minor in Mechanical Engineering

Fernando Valenzuela

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

Faris W. Fakhry
(See also S.M., Course XXII)

Talia Gershon
Minor in Mechanical Engineering
Minor in Physics

Erick Liang
Also with a Major in Course VIII

Trace Stryker St Julian
Also with a Major in Course XV-3

SCHOOL OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

Bachelor of Science in Economics

Course XIV-1
Department of Economics

James D. Rock
Also with a Major in Course XVII

Braedon G. Rudolph
Also with a Major in Course VIII

Sophia Yurievna Seliger
Minor in Environment and Sustainability
Minor in Finance

Bachelor of Science in Mathematical Economics

Course XIV-2
Department of Economics

Jack W. Breckling
Also with a Major in Course XV-3

Elizabeth Li Wright

Bachelor of Science in Political Science

Course XVII
Department of Political Science

Lauren Nicole Higgins
Also with a Major in Course XI

Alec M. Sheres
Also with a Major in Course XIV-1
(February, 2026)

Bachelor of Science in Anthropology

Course XXI-A
Program in Anthropology

Grace L. Gardner

Bachelor of Science in History

Course XXI-H
Program in History

Haydn Long
Also with a Major in Course IV-B

Bachelor of Science in Literature

Course XXI-L
Program in Literature

Kelly Hanah Kim
Also with a Major in Course XV-1

Bachelor of Science in Music

Course XXI-M
Program in Music

Clay Edward Lewis
Minor in Computer Science

Bachelor of Science in Theater Arts

Program in Theater Arts

Xinyu Xu
(February, 2026)

Bachelor of Science in Writing

Course XXI-W
Program in Writing and Humanistic Studies

Ariel L. McGee
Minor in Theater Arts

Bachelor of Science in Humanities and Engineering

Course XXI-E
Department of Humanities

Oyinade Esther Adeyemi
Minor in Brain and Cognitive Sciences

Kent Luo Brought

Harini Desikan
(February, 2026)

Reuben Kohshun Fuchs

Nonyerem Susan Otu Ugwu

Quin Slavin
Minor in Japanese

Bachelor of Science in Humanities and Science

Course XXI-S
Department of Humanities

Alexandro Garces

Bachelor of Science in Philosophy

Course XXIV-1
Department of Linguistics and Philosophy

Daniel Yuchen Xu
Also with a Major in Course VI-4
(February, 2026)

Bachelor of Science in Linguistics and Philosophy

Course XXIV-2
Department of Linguistics and Philosophy

Miguel Felipe Buitrago
Minor in Mathematics
Minor in Computer Science

Ellie Marie Bultena
Also with a Major in Course VI-1

SLOAN SCHOOL OF MANAGEMENT

Bachelor of Science in Management

Course XV-1
Sloan School of Management

TiyiOluwa K. Adegboyega
(February, 2026)

Maria Monserrat Cortez
(February, 2026)

Juan Flores

Teresa L. Jiang
Also with a Major in Course IV-B
Minor in Comparative Media Studies

Jiaying Liu
Also with a Major in Course VI-3
Minor in Mathematics

Celeste Meza-Cisneros

Harpuneet Singh
Also with a Major in Course VI-4
Minor in Economics

Hailey Elizabeth Surace
Minor in Brain and Cognitive Sciences

Vincent H. Xiao

Powell Zhang
Also with a Major in Course VI-3
Minor in Mathematics
Minor in Statistics and Data Science
(See also M.Eng., Course VI-P)

Bachelor of Science in Business Analytics

Course XV-2
Sloan School of Management

Romulo Diego Delgado-Gonzalez
Also with a Major in Course VI-14

Emma Caroline Dencker
Also with a Major in Course VI-14

Lesley Loise Wanjiku Lambaric
Minor in Computer Science

Bryce J. Metalios

Alex A. Theriault
Also with a Major in Course VI-4

Elaine Liu Wang
Also with a Major in Course VI-3

Jin H. Wong

Laura Xia
Also with a Major in Course VI-14

Jacob D. Yeaman
Also with a Major in Course VI-14

Tasnim Binte Zulfiqar
Also with a Major in Course VI-14

Bachelor of Science in Finance

Course XV-3
Sloan School of Management

Brooke A. Barry
Also with a Major in Course IX
Minor in Biomedical Engineering

Natalia Buchajaska
(February, 2026)

Zhefei Cao
Also with a Major in Course XVIII-C

Peter Chen
Minor in Economics

An An Chiang
Also with a Major in Course VI-14

Matthew T. Curtis

Edward Arthur Demourelle-Washington III
Minor in Political Science

George S. Garrett

Daphne A. Gavros

Alison Adela Gibbs
Also with a Major in Course XVIII

Romeo Giudici
Also with a Major in Course II

Larissa Sila Lillian Gossiau
Also with a Major in Course XVIII-C

Lawrence Wang Liu
Also with a Major in Course VI-4

Xiner Luo
Also with a Major in Course XVIII
Minor in Economics

Eitan M. Moore

Zev Moore
Also with a Major in Course XIV-2

Mitav Nayak
Minor in Economics
(February, 2026)

Olivia Annette Scarpaci
Also with a Major in Course XIV-1

Luke Samuel Schenk
Also with a Major in Course VI-14

Thomas L. Stueber
Also with a Major in Course VI-14

Ashley E. Thomas
Also with a Major in Course XIV-2

Colin William Vollmer
Minor in American Studies

Rona Li Shan Wang

Chase Anthony Williams
Also with a Major in Course XIV-2

SCHOOL OF SCIENCE

Bachelor of Science in Chemistry

Course V

Department of Chemistry

Irmuun T. Altankhuyag

Eric Y. Bi

Also with a Major in Course VI-7

Tobianna C. Hendon

Pedro A. Hernandez

Julianna Lian

Also with a Major in Course XVIII

Jason K. Schuler

Aleksandr Trofimov

Also with a Major in Course VI-3

Minor in Physics

Minor in Computer Science

Titus Tsai

Amy Wang

Minor in Spanish

Bachelor of Science in Chemistry and Biology

Course V-7

Department of Chemistry

Yixian Cao

Also with a Major in Course XVIII-C

Minor in Music

Sol J. Cuello Robert

Also with a Major in Course IX

Minor in French

Katelyn Celeste Howard

Minor in Writing

Annie Xiaoyun Li

(February, 2026)

Kevin Liu

Isabella M. Luca

Minor in Women's and Gender Studies

Temujin Orkhon

Also with a Major in Course VIII

Minor in Computer Science

Nina F. Petulla

Zee E. Prewitt

(February, 2026)

Ethan M. Reich

Kyra L. Shutt

Alexander Liu Tang

Minor in Biomedical Engineering

Mary Wen-Hui Tang

Wasin Tiarawut

Also with a Major in Course VIII

Minor in Computer Science

Bailey B. Tischer

Bachelor of Science in Biology

Course VII

Department of Biology

Renee Chang

Minor in Management

Luna Tatyana Cleves

Estevan Cortez

Sean X. Fei

Also with a Major in Course VI-3

Nia M. Felton

Cole Firlie

McAllister Ella Karjane

Also with a Major in Course XV-1

Vera G. McCoy

Sarah Seojin Park

Chuhan Joyce Qi

Also with a Major in Course IX

Safiya Sankari

(February, 2026)

Mengyu Amy Wu

Danny Fan Yang

Minor in Japanese

Margaret L. Yang

Minor in Chemistry

Katherine Sarah Yao

Minor in Chemistry

Bachelor of Science in Physics

Course VIII

Department of Physics

Erez M. Abrams

Also with a Major in Course XVIII

Abhay N. Bestrapalli

Also with a Major in Course VI-3

Henry Cotulla Bezos

Also with a Major in Course XVIII

Minor in Economics

(February, 2026)

Spruce A. J. H. Campbell

Rebecca S. Chang

Also with a Major in Course VI-1

Minor in Music

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

Kevin Z. Cheng

Also with a Major in Course VI-4

Minor in Mathematics

(February, 2026)

Erin Maureen Cusson

Minor in Astronomy

Fiona Ann Mulqueen Daly

Minor in Computer Science

Nethaka S. Dassanayake
Also with a Major in Course VI-3
Minor in Chemistry
Minor in Mathematics

Samuel W. Dowd

Evan B. Erickson
Also with a Major in Course XVIII

Tyra E. Espedal
Also with a Major in Course VI-1

Mason Fang
Also with a Major in Course VI-3

Matson Carlos Garza
Minor in Earth, Atmospheric, and Planetary Sciences

Charles T. Glass

Alex Shenhan Gu
Also with a Major in Course VI-4

Graham Walker Guité

William O. Hathaway

Jessica Michelle He
Minor in Mathematics

Garrett A. Heller
Also with a Major in Course VI-1
(See also M.Eng., Course VI-P)

Jackson C. Holland
Minor in Mathematics
Minor in Writing

Yongao Hu
Also with a Major in Course XVIII
Minor in Philosophy

Rashedul Islam
Minor in Computer Science

Taisiia Karasova
Also with a Major in Course XVIII
Minor in Computer Science
Minor in Statistics and Data Science

Anastasiia Kutakh
Minor in Statistics and Data Science

Teo A. Lara
Also with a Major in Course XVIII

Katrina Li
Also with a Major in Course VI-1

Lawrence Y. Long
Also with a Major in Course VI-14
Minor in Mathematics

Abriana R. Lyda

Skipper Lynch
Minor in Earth, Atmospheric, and Planetary Sciences

Mark J. Mitchell, Jr.
Also with a Major in Course VI-2

Shreya Mogulothu
Also with a Major in Course XVIII-C
(February, 2026)

Emily Rose Neill
Also with a Major in Course XXII-ENG

Matthew D. Nunez

Katherine Mary Panebianco
Also with a Major in Course XVIII

Jiwoo Park
Also with a Major in Course XVIII
Minor in Literature
Minor in Theater Arts

Kartik Ashutosh Pingle
Also with a Major in Course VI-3
Minor in Political Science

Julia E. Pockat
Minor in Theater Arts
(February, 2026)

Diego Andrés Rivera Orona
Also with a Major in Course XVIII

Asher Michel Sabbagh
Also with a Major in Course XVIII

Rujuta S. Sane

Michael Y. Serrano
Also with a Major in Course VI-14
(February, 2026)

Alexander Sherstnev
Minor in Computer Science

Harry Colin Sillifant
Also with a Major in Course VI-4

Caio Augusto Siqueira da Silva

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

Xiaoqing Sun

Marshall N. Taylor, Jr.
Also with a Major in Course VI-3

Kyle M. Tignor
Also with a Major in Course XVIII

Henriete Toomlaid
Also with a Major in Course XII

Vinh Q. Tran

Sarun Tripattaranan
Also with a Major in Course XVIII-C

David Corneliu Turturean
Also with a Major in Course VI-4

Gideon A. Tzafirri
Also with a Major in Course VI-4
Minor in Mathematics

Betsegaw Nurye Wosoro
Minor in Computer Science

Felicia Ruihan Xiao
Also with a Major in Course XXI-H
Minor in Japanese
Minor in Computer Science

Yiyun Xu
Also with a Major in Course VI-4
Minor in Mathematics
Minor in Japanese

Zara Yu
Also with a Major in Course XVIII
(February, 2026)

Vera A. Zarubin

Isaac R. Zhu
Also with a Major in Course XVIII-C

Bachelor of Science in Brain and Cognitive Sciences

Course IX

Department of Brain and Cognitive Sciences

Karena Vera Caton

Minor in Chemistry

Srihitha Dasari

Minor in Anthropology
(February, 2026)

Anna Yining Dong

Also with a Major in Course VII

Catherine D. Hopman

Caroline Lillian Ibáñez Moran

Also with a Major in Course VII

Prathysha Oliveira Kothare

Also with a Major in Course VII

Marisa Ryan Montione

Also with a Major in Course XXI-L

Mirielle G. Nilson

Toju Danielle Ogunnowo

Minor in Biology

Kannammai Pichappan

Minor in Anthropology

Laiba Shahid

Also with a Major in Course XXI-L

Devorah H. Wertheimer

Minor in Music
Minor in Biomedical Engineering

Bachelor of Science in Computation and Cognition

Course VI-9

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

Mahmoud Abdelmoneum

Annie-Minyi Chen

Also with a Major in Course VII

Victoria Chen

Minor in Design

Yizhen Chen

Jonelle Iyana Dacres

Lachlan Deignan

Elsa C. Engeriser

Also with a Major in Course IV-B

Rithvik Ganesh

Audrey Yehmo Ha

Minor in Biomedical Engineering

Vivian Han

Olivia Honeycutt

Also with a Major in Course XXIV-2

Jack Christopher Horgen

Also with a Major in Course XXIV-2

Grace Hu

Also with a Major in Course XVIII

Kaylee Ji

Also with a Major in Course XVIII

Andrea Y. Jia

Minor in Mathematics

Dongyao Jiang

Jeffrey Joon Kwon

Arthur X. Liang

Also with a Major in Course XVIII

Janine Adelle Medrano

Minor in Music

Mercy Oluwaseyi Olagunju

Minor in Women's and Gender Studies
(February, 2026)

Magdalena Slowikowski

Jonathan H. Song

Also with a Major in Course XVIII

Josleen Q. St. Luce

(February, 2026)

Diego Ureña

Aimee Jiayi Wang

Minor in Women's and Gender Studies

Hannah J. Wu

Katherine P. Xie

Alana Jingyi Yang

Lucas Garrett Young

Elizabeth Yini Zhang

Minor in Mathematics

Mindy Zhang

Also with a Major in Course XVIII

Angie J. Zhou

(February, 2026)

Bachelor of Science in Earth, Atmospheric, and Planetary Sciences

Course XII

Department of Earth, Atmospheric, and Planetary Sciences

Kaylee Barrera

Also with a Major in Course VIII

Victoria C. Martens

Paola Namphy

Vidya R. Ranjan

Also with a Major in Course VI-4

Spencer J. Rhodes

(September, 2025)

Hannah Elizabeth Rose

Isabella Cheukmun Yeung

Bachelor of Science in Mathematics

Course XVIII

Department of Mathematics

Dalton J. Allan
(February, 2026)

Serena Jiani An

Stephen D. Andrews
Also with a Major in Course VI-4

Kaleb D. Asfaw
Also with a Major in Course VI-4
Minor in Music

Sophia Rai Benjamin
Minor in Energy Studies
Minor in Statistics and Data Science

Ayyoob Berhane

Santiago Borrego Garcia Cancho
Also with a Major in Course VI-4
Minor in Economics

Jade Thomassian Buckwalter
Also with a Major in Course VI-4

Zachary Burton
(February, 2026)

Ricardo Andrés Carrillo Silva
Also with a Major in Course VI-3

Daniella Catalá

Angel Cervantes Cervantes
Also with a Major in Course VI-3

Hanna Hantao Chen
Also with a Major in Course VI-3

Charley X. Cheng
Minor in Computer Science

Reagan Choi
Also with a Major in Course VI-3
Minor in Physics

Sabine Rei-Yi Chu
Also with a Major in Course XXI-L

Guilherme Cutrim Costa

Rishabh Das
Minor in Computer Science
(February, 2026)

Kai A. Edick
Also with a Major in Course VI-14

Luke McKenzie Fitzgerald
Also with a Major in Course VI-4

Orion Chuanyi Foo
Also with a Major in Course VI-3
Minor in Physics

Xinghong Fu
Also with a Major in Course VI-3

Nicholas R. Gilligan
Minor in Computer Science

Ezra Guerrero Alvarez
Also with a Major in Course VIII

Nyx Haile
Minor in Economics

Alex J. He
Also with a Major in Course VI-14

Christine S. Huang
Also with a Major in Course VI-14

Mohit Hulse
Also with a Major in Course XXI-E

Eunsu Hur

Ana Illanes Martinez de la Vega
Minor in Brain and Cognitive Sciences

Adi V. Jasuja
Also with a Major in Course VI-3

Sanjana Kayath
Also with a Major in Course VI-3

Amir Kolić
Also with a Major in Course VI-14

Alissa Kopylova

Papon Lapate

Daniel C. Larsen
Minor in Physics

Michelle J. Lei
Also with a Major in Course VI-3
Minor in Literature

Bangzheng Li

Yue Chen Li
Also with a Major in Course VI-9
(February, 2026)

Matija Likar

Maanasi A. Limaye
Also with a Major in Course VI-4

Allen Lin
Also with a Major in Course VI-3

Oluyinka Lindblad
Also with a Major in Course VIII

Grace J. Liu
Also with a Major in Course VI-3

On Ki Luo
Also with a Major in Course VI-4
Minor in Economics

Ghaura Abheendra Mahabaduge
Minor in Economics
Minor in Computer Science

Owen Brian Malone
Also with a Major in Course VI-4

Arushi Mantri
Also with a Major in Course VI-3

Bailey E. McIntyre
Also with a Major in Course VI-4

Kevin B. Min
Also with a Major in Course VI-3

Victoria K. Nguyen
Also with a Major in Course VI-4
(February, 2026)

Tiago Oliveira Marques
Also with a Major in Course VI-4

Arianna A. Otoo
Minor in Architecture
(February, 2026)

Yaman Bora Otuzbir
Also with a Major in Course VI-14

Samuel A. Packman
Also with a Major in Course VIII

Joaquin K. Perkins
Also with a Major in Course XXIV-1

Deepu M. Pradeep
Also with a Major in Course VI-3

Isabella L. Quan
Also with a Major in Course VI-3

José Alejandro Reyes González

Luke Robert Robitaille
Minor in Physics
Minor in Music

Kyle Roke

Adam W. Rothbaum
Also with a Major in Course VIII

Pitchayut Saengrungkongka
Minor in Physics
Minor in Computer Science

Aleezay Sheikh
Also with a Major in Course VI-3

Gracie Han Sheng
Also with a Major in Course VI-3

Yu Shi

Danil Sibgatullin
Also with a Major in Course VI-3
(February, 2026)

Matthew Henry Spenner
Also with a Major in Course XV-3

Jennifer Sun
Also with a Major in Course VI-4
(February, 2026)

Maxwell Ruiyang Sun
Also with a Major in Course VI-4

Michael R. Torres
Also with a Major in Course VIII

Gabriel Alexander Vargas Aguiluz
Also with a Major in Course VI-4

Sophie Elizabeth Vulpe
Also with a Major in Course VIII

Albert R. Wang
Also with a Major in Course VI-4

Kimberly Chen Wang
Also with a Major in Course VI-3

Raymond H. Wang
Also with a Major in Course VI-4

Yingshan Wang
Also with a Major in Course VI-9

Zifan Wang

Jaedon Nicholas Ethan Whyte

Daniel Xia
Also with a Major in Course VI-3

Yuxing Xia

Michelle Xiang
Also with a Major in Course VI-4
Minor in Art, Culture and Technology

Nathan Huapeng Xiong
Also with a Major in Course VI-3

Lynn S. Ye
Also with a Major in Course VI-4

Edward Yu
Also with a Major in Course VI-4
Minor in Economics
(See also M.Eng., Course VI-P)

Alicia Jinrong Zhang
Also with a Major in Course VI-4

Justin Zhou
Also with a Major in Course VI-14

Leqi Zhou
Also with a Major in Course VI-4
Minor in History

Zixiang Zhou
Also with a Major in Course VI-4

**Bachelor of Science in
Mathematics with Computer
Science**
Course XVIII-C
Department of Mathematics

Raymond J. Brookman
Minor in Music Technology

Landon S. Dolvin
Minor in Economics
(February, 2026)

Alex Wayne Farmer

Mikaela P. Finlay

Gwendolyn Rose Flusche

Uzay Z. Girit
(February, 2026)

Santiago Andres Gonzalez
Minor in Music Technology

Kailyn A. Gustafson

Niles Liu
Minor in Music
Minor in Statistics and Data Science

Sebastian Augusto Losada
Minor in Spanish

Claire Yue Han Mao
Minor in Music

Max Leo Misterka
Also with a Major in Course VIII
Minor in Economics

Honorine Munezero

Bryn T. Munochiveyi

Benjamin J. Osborn

Nathra Ramrajvel
Minor in Statistics and Data Science

Marco Antonio Rodriguez

Emily Roman
Minor in Theater Arts

Stacy Vazquez
Minor in Physics

Xinghui Xu

SCHOOL OF ARCHITECTURE AND PLANNING

Master of Architecture

Course IV

Department of Architecture

Bolurin Michael Adedipe

(February, 2026)

Designing Cultural Infrastructure in a Gentrifying City

Jabari Canada

(February, 2026)

The Hum: Sound, Space, and Structural Isolation

Mingjia Chen

(February, 2026)

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

The Right to the Parcel: Making a Case for Boston Chinatown's Stabilization Activism

Chenyue Dai

(February, 2026)

Can You See the Space?

Hana Meihan Davis

(February, 2026)

On the Road to Hāna: Wealth, Water & the Land that Feeds

Manavi Dixit

(February, 2026)

Building Between Systems: Assemblies for Climate Uncertainty

Mateo Fernandez Feraud

(February, 2026)

WoodSpray

Bernardo Gonzalez

(February, 2026)

Maguey Remains: Transforming Mezcal By-Products for Maguey Architecture

Junha Hwang

(February, 2026)

Housewarming: Social and Material Habits for Not-so-New Forms of Comfort

Vincent Pierre Michel Jackow

(February, 2026)

HOUSEWARMING: Social and Material Habits for Not-so-New Forms of Comfort

Mara Jovanović

(February, 2026)

Seeing and the Saw

Minyoung Kim

(February, 2026)

Festival Kit: Reassembling Collective Time

Suwan Kim

(September, 2025)

(See also S.M., Course VI)

Embodied Representation of Time in Virtual Reality

Thomas Logan King

(February, 2026)

Transtension

Jingyun Ma

(February, 2026)

Wish-Making as a Spatial Type: Building Architecture for Spiritual Ecology

Agnes Thomasina Parker

(February, 2026)

Natural Active Textiles: Computational Knitting to Enhance Material Intelligence

Cheng Qin

LONG HUGS: Stone as Relational Field in Architecture

Samantha Anne Rose Ratanarat

(February, 2026)

Hot House, Mixed Grounds: A Regenerative Compound for Climate, Cultivation, and Rural Continuity in Southern Thailand

Nia Iman Rich

(February, 2026)

Sound Service: Networks of Sound and Place for Community Preservation and Collective Memory

Alissa Carolyn Lopez Serfozo

(See also S.M., Real Estate Development)

Coiba: Feral Assemblies

Simmone Carina Stearn

(February, 2026)

Face Value: The Speculative Preservation of Architectural Accumulations

Alexander Stewart

(February, 2026)

CYBERPUNK-PUNK: Hacking Downtown Los Angeles

Christian Studebaker

(February, 2026)

Future Ruins

Domonique Valenzuela

(February, 2026)

Recipro-Cities: Building in the Borderlands

Li Zhenghua

(February, 2026)

Cheap is More

Master of Science in Architecture Studies

Course IV

Department of Architecture

Nooralhuda Al Qayem

Cinematic Counterpublics: The Spatial Politics of Palestine Film Festivals in North America Post-2023

Biru Cao

(September, 2025)

(See also S.M., Course VI)

LumiModeling: A Gaussian Splatting-Based Tool for Recreating Dynamic Material and Lighting Interaction in Architecture

Eric Kyle Cheung

A Variational Proxy Model for Single Family Energy Retrofit Costs

Gert Pieter Johannes Duvenhage

Particle Intelligence for Desert Construction: Utilizing Sand for a New Counter Desertification Strategy

Oz Osher Fishman

Waste Territory: Reclaiming the Mega-Landfill as an Urban Project

Alexandros Gravalos

Transient Embodiments

Richa Gupta
(February, 2026)
(See also S.M., Course VI)
Beyond Renders: Insight-Informed
Generative AI for Post-Generative
Grounding
via Vision Language Models and
Sequential Reasoning

Niklas Hagemann
(September, 2025)
Modular Zipping for Transformable and
Dynamic Systems

Mark Hellrich
(See also S.M., Course I)
Tailoring Structural Geometry, or a Study
of Flexible Formwork for Topology
Optimized Reinforced Concrete

S M Kaikobad
(February, 2026)
Beyond Heritage - Ruplal House as a Site
of Collective Inheritance

Ami Kurosaki
Paths In-Between: Heritage Ecology in
Disaster Resilience Planning along the
Kuroshio Coast

Htet Aung Kyaw
(February, 2026)
(See also S.M., Course VI)
Generative Physical Objects: Text to
Physical Objects using 3D Generative AI,
Vision Language Models, and Robotic
Assembly

Kaliyah Maria Macaraig
Architectures of Endurance: The
Mosque-Making Projects of Toronto's
Early Muslim Community

Lee Marom
Formal Methods for Nature-Derived
Material Design

Reishan Caitlin McIntosh
Thank You for Waiting

Shuhan Miao
(See also S.M., Course VI)
Design by Induction: A Multimodal
Framework for Learning Formal Design
Concepts from Few-Shot Examples

Oliver I. Moldow
(See also S.M., Course I)
Almost Zero Waste Timber:
Methodologies for Material Efficiency in
Wood Structural Systems

Diana Mykhaylychenko
(See also S.M., Course VI)
REBUILDING HOME: Culturally-
Aligned Agentic Multimodal AI
for Personalized Spatial-Emotional
Reasoning and 3D Reconstruction of
Post-Conflict Architecture

Ahzin Nam
How to Make a Laundromat in 2030

Samuel Dean Owen
A Time Traveler's Guide to the West After
Water

Bridget Anne Peak
Of Pearls and Oil: A Shared History of
Industry in Bahrain

Karl Pops
Towards Spatial Quality Metrics in
Housing

Zhi Ray Wang
(February, 2026)
(See also S.M., Course VI)
Resilient Metabolism: Exploring
Equitable Urban Renewal Pathways with
Multi-Objective Optimization Framework

Yuxin Wu
Visual Pidgins: Cross-Media
Representations of India in Chinese
Export Art, 1740–1842

**Master of Science in Art,
Culture and Technology**
Course IV
Department of Architecture

Courtney Paige Allred
Artist as Educator: An Emergent
Framework for a Co-Constructive
Participatory Art Practice

Sophia Elyse Chefalo
Photography as Technique: Fixing,
Surveying, and Compressing Beyond the
Camera

Eliot Zephyr Felde
Soft Monumentality: A Praxis for a
Topology of Public Memory

Aram Kavoossi
Biaban / Land without Water: Landscape
Imaging and Autoethnography

**Master of Science in Building
Technology**
Course IV
Department of Architecture

Lili Boenigk
Cost and Carbon Savings through Steel
Reuse in U.S. Short-Span Bridges

Darya C. Guettler
Operationalizing Building Stock Models
for Retrofit Policy Development

Master in City Planning
Course XI
*Department of Urban Studies and
Planning*

Richa
Losing Trust, Bowling Alone: How
Precarity Shapes Political Identity in
Deindustrial America

Bex Porush Allen
Paying Our Fair Share: How Reforming
Prop 13 Can Address California's
Housing Crisis

Clayton Thomas Anderson
(See also S.M., Real Estate Development)
Creating Value by Transferring Value:
Unlocking Mutual Gains through a Joint
Development Case Study in Austin, Texas

Hannah Rebecca Aronson
Adaptive Shores: Community Visioning
for Coastal Planning and Environmental
Futures on Ocracoke Island, NC

Sophia A. Ashebir
Planning for an Aging Population:
Assessing Metropolitan Planning
Organizations' Approaches, Gaps, and
Innovations

Xavier Khurram Ayub
Critical Cartography of Frontier AI: A
Metabolic Map of OpenAI

Shreya Bansal

Heat Risk along Urban Transit Corridors: A Spatial Assessment and Resilience Framework across Mumbai's Metro Network

Tyler Barron

In Awe of Planning: An Exploration of the Role of Awe in the Built Environment

Emily Theresa Berkemeyer

Did You Boil It?: Drinking Water as an Indicator of Public Trust

Arielle Blacklow

(February, 2026)

Long Term Asset Management Planning for Housing Security and Climate Stability: A Case Study of Decarbonization Roadmapping for Allston Brighton Community Development Corporation's Affordable Multifamily Rental Housing Portfolio

Gabriel Ange Marcel Bonnamy

Planning Around Ecological Constraints: A Degrowth Curriculum Proposal for MIT

Mica Caine

Creating the W of Violette Ranger: Reconciliatory Worldmaking in Appalachia to Earth's Orbit

Sophia Louise Campbell

(See also S.M., Real Estate Development)
Welcoming New Mainers Home: Maine's Housing System Response to Increased Immigration

Wing Man Chan

Step by Step: Reimagining Urban Walking Systems for Contemporary Cities

Emilia Rose Charno

Deadly Temperatures: Municipal Governance, Seasonal Protection Gaps, and Energy Utility Disconnections in New York City

Mingjia Chen

(February, 2026)

(See also M. Arch., Course IV)

The Right to the Parcel: Making a Case for Boston Chinatown's Stabilization Activism

Yeonhoo Cho

Whose Quality of Life? Exploring Migrant Massage/Sex Workers' Practice and Vision for Safety and Solidarity

Summer Haley Cooke

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

From Byproduct to Benefit: A Case for Waste Heat Recovery Planning in Pennsylvania's Data Centers

Emma Rose Cutler

"Will I see you at Powwow?": Relational and Reparative Planning with Members of the Wampanoag Tribe of Gay Head (Aquinnah)

Deena Alexis Darby

From Cultural Memory to Implementation | Participatory Co-Design as a Planning Tool for Black Community Self-Determination in West Savannah, Georgia

Cameron T. Dougal

State-Level Mode Shift Policies for Transportation Capital Planning in the United States

Marine Julienne Gapihan

Materializing the Cloud: Data Center Siting and Environmental Justice in the United States.

Nicholas K. Garcia

Bounded on All Sides: Addressing Newark, New Jersey's Urban Heat Islands and the Accountability Gap in Overburdened Communities

Claire Gorman Hanly

(See also S.M., Course VI)

Bog Embeddings: Information and Capital on Northern Irish Peatlands

Aaron Guoyu He

To Remove, Remediate or Reconstruct? An Evaluation Framework and Design Toolkit for the Future of American Urban Freeways

Yutian He

(See also S.M., Course VI)

Carbon Cities: Interactive Geographies Where Burden and Responsibility Diverge

Rebecca Grace Heilman

From Neglect to Displacement: Housing Code Violations, Landlord Characteristics, and Eviction Filings in Cambridge, MA

Jingchuan Hou

Amplifying the Right Things? Federal Place-Based Industrial Policy and Regional Industrial Development

Matthew Cella Jarrell

Is The Bus Bad for Business? Neighborhood Dynamics of Transit Priority in Boston

Tatiana Sofía Jiménez

Resources, Revenue, and Rights: The Intersection of Water Infrastructure Finance, Policy, and Governance in California

Takumi Kitamura

Everyday Resilience: Pocket Parks, Disaster Risk, and Palliative Planning in Tokyo's Mokumitsu

Nathan Lawrence Klim

Forever Open, Clear, and Free?: Mediating Public Access on the Post-Industrial Great Lakes Waterfront

Adi Kupersmidt

(September, 2025)

(See also S.M., Course VI)

Urban Data Memory: Using Generative AI to Structure and Visualize Zoning Data for Urban Planning Evaluation

Colin Ray Larsen

How FAR is FAR Enough? Modeling Expected Residential Density in Boston

Brian Tran Le

Better Bureaucracy: How Organizational Strategies can Prepare Local Governments to Deliver More Housing More Fairly

Yunju Lee

Gardens as Mental Health Infrastructure in Military Barracks

Zoe Voss Lee

Power to the People: Realizing Just Energy Futures in the South Bronx

Angela Lei

Rethinking the Chinese American Suburban Diaspora: Understanding Changing Identities in Quincy, Massachusetts

Yifeng Liu

(February, 2026)
From Extraction to Retrieval: A Graph-Enhanced Framework for Spatio-Temporal Reasoning in Historical Legal Documents

Olivia S. Lovett

"Atlantic City All the Time": A Workforce Development Strategy for Atlantic City, New Jersey

Shogo Maeda

Who Drives Older Adults? An Empirical Study on Family-Provided Mobility

Anushka Amer Maqbool

Walls, Grey Roads, and Dreams: A Study of Karachi's Gated Communities

Kerry Anne Mills

The Warp and Weft: Rematriative Stories Refusing Extraction in the Pine "Barren" Woodlands

Anna Leary Morgan

Cloud Castles: A Trans-Scalar Analysis of Virginia's Data Centers

Chit Sum Eunice Ngai

Circulating Possibilities: Pop-ups and the Creation of a Public Library in Boston's Chinatown

Aaron Ethan Ngo

MAssive House: How Massachusetts Grew the US Passive House Market

Alyssa Anna Papantonakis

Disaster Preparedness: Assessing the Impact of Climate Events on Plymouth County's Emergency Food Provision Services

Kaede Hanks Polkinghorne

Bloodlines; or, Backmapping a Paid Blood Plasma Donation from Houston, Texas

Isbah Premjee

Centering Those Who Matter Most: A Participatory Planning Framework for Designing and Sustaining Hyperlocal Resilience Hubs in Western North Carolina after Hurricane Helene

Elina Kaylee Friedman Rodriguez

Co-Theorizing New Imaginaries for Land and Housing: Indigenous Paradigms and Tenant Unions

Amy Rogin

Low Carbon, High Friction: The Stakeholder Politics of Building Performance Standards

Miquel Rossello Xamena

Houses That Do Not Exist: Touristification, Informal Housing, and the Politics Over Land of the Mediterranean

Dylan Rollo Roth

All the Levee Holds: Interpreting the River Parishes on Foot

Anna Madelena Savino

The Other 284: Urban Design and Programming Strategies to Activate Stadium Districts Beyond Game Days

Erin Sheehan

Nourishing Development: Restaurants and the Remaking of Urban Space in Washington, D.C.

ChenAn Shen

(September, 2025)
Behavioral Responses to Congestion Pricing in New York City: Mode Shift, Preference Change, and Effect Persistence

Kaleigh Renée Spears

Small Town State of Mind: Strategies for Sustainable Growth and Community Building in Fairhope, Alabama

Mingyang Sun

(See also S.M., Course VI)
True Absence or Detection Failure: Generative Augmentation and Expert-Calibrated Filtering for Long-Tailed Bumblebee Classification

Virginia Sun

Communing With Ancestors by Refabulating My Family Genealogy Book (Jia Pu)

Huying Freya Tan

(See also S.M., Course VI)
Toward Auditable Repair of Fragmented Pedestrian Networks with LLM-Assisted Spatial Reasoning

Lucia Teresa

(See also S.M., Technology and Policy Program)
Beauséjour

Ananth Udupa

Sacred Soils: Exploring Soil in the Berkeley Community Garden and Alternative Models for Land Stewardship that Center BIPOC and Immigrant Communities and Culture

Jiao Zhao

Rationing the Interconnection Queue: Governing Uncertainty under Reliability Urgency

Master of Science in Urban Studies and Planning

Course XI

Department of Urban Studies and Planning

Deniz Aydemir

Loneliness, Copresence, and the Purpose of Cities

Takehiro Kawahashi

Comprehensive Transit-Oriented Development (TOD) in Developing Countries: Challenges and Opportunities for Development Assistance

Master of Science in Media Arts and Sciences

Program in Media Arts and Sciences

Nikhil Swaminathan Behari

Physically-Based Neural Representations of Indirect Light Transport for 3D Scene Understanding

Kayla Luray Briët

(September, 2025)
Return Paths: Tracing the Sound of Black, Asian and Indigenous Technologies

Minsol Michelle Kim
MetaSelf: Wearables and AI Systems for Augmenting Metacognition and Self-Regulation

Quincy Mu Qing Kuang
Co-Ideation Across Time: Designing a Design Collaboration Platform with Conversational AI Agents to Foster Intergenerational Collaboration

Perry S. Naseck
(September, 2025)
Systems of Visualization for Musical Futures

Ana Schon
(September, 2025)
Performing Performance Spaces: Expressing Context in Live Music

Charlotte Faye Stiles
(September, 2025)
Fantasy IDEs

Jessica Lynn Stringham
A Birdwatching Guide for Computational Art

Lakshmi Pravallika Vemparala
Device Exploration for On-Chip Detection on Lithium Niobate and Amplification on Silicon for Scalable Integrated Photonics

Hye Jun Youn
Material as Code: A Design Framework for Programmable Morphologies in Shape-Changing Interfaces

Master of Science in Media Technology
Program in Media Arts and Sciences

Zaria Jalan Ward Howard
Detecting Contextual Misrepresentation of Public Figures via Pragmatic Inference: A Taxonomy and Framework for Speaker Faithfulness

Master of Science in Real Estate Development
Center for Real Estate Development

Clayton Thomas Anderson
(See also M.C.P., Course XI)
Creating Value by Transferring Value: Unlocking Mutual Gains through a Joint Development Case Study in Austin, Texas

Joshua David Blevins
(February, 2026)
High Hopes: Planning the Office-to-Residential Conversion of America's Largest Vacant Skyscraper

Sophia Louise Campbell
(See also M.C.P., Course XI)
Welcoming New Mainers Home: Maine's Housing System Response to Increased Immigration

Ritu Choudhary
(February, 2026)
Coexistence as Value Proposition: Proposal for a New Vertical Residential Product in India

Larry Deng
(February, 2026)
Power, Land, and the Limits of Reshoring: Infrastructure Sequencing and the New Geography of U.S. Industrial Development

Fardean Dean Firouzian
(September, 2025)
Applying Reference Class Forecasting to Multifamily Investments: Identifying and Capturing Operational Alpha through the Outside View

Leo Fabian Galler
(February, 2026)
Pooling Heuristics and Credit Risk Distribution in Conduit CMBS: Evidence from a Controlled Re-Pooling Experiment

Luca T. Hahmann
(February, 2026)
Structuring Heterogeneous Real Estate Market Evidence Using LLMs: A Provenance-Aware Analytical Framework

Seamus Michael Holland
(September, 2025)
Unlocking Family-Oriented Housing in Boston: Achieving Feasibility in Adaptive Reuse and Ground-Up Development through Modular Construction

Shagun Kalra
(February, 2026)
Building the Infrastructure for Innovation: A Market Entry Strategy for Cambridge Innovation Center in India

Katharine Frances McDonough
(September, 2025)
Earth as Equity Partner: A Revolutionary Approach to Ecological Conservation through Housing Development

Zachary Abraham Moskow
(September, 2025)
Unlocking Family-Oriented Housing in Boston: Achieving Feasibility in Adaptive Reuse and Ground-Up Development through Modular Construction

Robert Liam Mulcahy
(September, 2025)
The Fate of Federal Buildings: Real Estate Disposition and the Future of Washington, D.C.

Luis Fernando Muro Moleiro
(February, 2026)
From Feasibility to Inventory: A Predictive Framework for Multifamily Supply Analysis

Ryan Murphy
(September, 2025)
Reimagining Public Land: Municipal Land Use to Ease Housing Crisis in Boston

Nipun Nath
The Pentagons Quiet Cash Cows
How Regulation & Red Tape Create Monopolies

Andrew Oh
(February, 2026)
From Real Estate to Hybrid (Real Estate + Tech): How Public Markets Reprice Data Center REITs

Hazel Sanghi Park
(February, 2026)
Identifying and Managing Risks in Mezzanine Financing for Real Estate: Towards Optimized Risk-Adjusted Investment Decisions?

Alissa Carolyn Lopez Serfozo
(See also M. Arch., Course IV)
Coiba: Feral Assemblies

Galton Alexander Van Sluytman
Paradis: A Contemporary Approach to
Intentional Hospitality

José Roberto Víquez Brenes
(February, 2026)
From Office Park to Urban District: A
Mixed-Use Development Strategy in
Costa Rica

Yu Wang
Model Distillation and Interpretability
Frameworks for Proprietary Housing
Valuation Algorithms

Rui Qi Xie
(February, 2026)
Structuring Heterogeneous Real
Estate Market Evidence Using LLMs:
A Provenance-Aware Analytical
Framework

Bangjie Xu
(September, 2025)
Large Language Models and Quantifying
the Regulatory Expenses of Affordable
Housing: A Thorough Examination
Utilizing Generative Assessment

Cherry Xinlan Yang
(February, 2026)
Financial and Leasing Structures for
Decarbonizing Industrial Real Estate

Lawrence Zhang
Asia in Miami: A Development-
Driven Approach to Fostering Culture,
Commerce, and Community

Master of Science **(without specification of field)**

Chanakya Ekbote
Med. Arts & Sciences
(See also S.M., Course VI)
Understanding and Improving Large
Language Models

Sara Vanessa Fernandez
Med. Arts & Sciences
White-Light Imaging Interferometry

Isaak Freeman
Med. Arts & Sciences
From Worm to Human: Scaling Brain
Emulation

Stephen P. Kaputsos
Med. Arts & Sciences
Learning Machines: Innovating
Embodied AI Executive Education on
Machine Perception and Autonomous
Robots

Du Liu
Med. Arts & Sciences
Optimizing Non-Surgical Photovoltaic
Neural Interfaces for Stable and Reliable
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Jiaming Liu
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Shrestha Mohanty
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Pengrui Zhang
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Marcos Julian Botto Torielli

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Solution Post-Processing for Finite
Element Solutions of PDEs with Higher-
Order Adaptive Methods

Kai Chang

(September, 2025)

Generating Unprecedented Extreme
Scenarios with Limited Data

Josefina Correa Menendez

A Bayesian Hierarchical Parametric
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for the Analysis of Multi-Subject
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Wenhao He

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Mit Amit Kotak

(September, 2025)

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Qianyu Zhu

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Ruicheng Ao

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Constraints: From Full Information to
Machine-Learned Prices

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Joint Multimodal Analysis of Single-Cell
RNA and T Cell Receptor Sequencing for
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Mahyar JafariNodeh

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Vanessa Leanne Lin

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The Role of Land Cover Change in Shaping Land-Atmosphere Interactions During Forest Regrowth

Junchi Cui

Comparing Perennial Cropping and Afforestation as Dual Natural Climate Solutions in Southwestern China

Gabriel Duguey

(September, 2025)

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Noah Ulrich Edgar

In-Situ Dewatering Methods for Mine Tailings

Melane Fournier

Reconstructing Ancient Roman Flooring Technology: Evidence from an Unfinished Construction Site at Casa del Tiaso, Pompeii

Benjamin Healy

Integration of a Unified Momentum Model in OpenFAST and Application to Fatigue-Aware Wind Turbine Derating Optimization

Amelia Rae Jennings

Optimizing Runnel Design for Drowning Salt Marsh Restoration Using HEC-RAS 2D

Sidhant Kumar

Modeling of Centrifugal CO₂ Capture for Low-Cost Industrial CCS

Elvis Hien Le

Performance Testing of a Topology-Optimized Truss Geometry Prototype

Meiqi Li

What Companies Say vs. What They Do: Unpacking Corporate Sustainability Disclosure Consistency and Operational Alignment

Andrew Miller

OpenTrafficWrangler: Scalable Freeway Modeling from Messy Real-World Data

Annika Caroline Pan

Structural Steel Reuse from Decommissioned Ships

Flynn Marie Parkins

Evaluating Rainwater Harvesting as a Climate Change Adaptation Strategy for Morocco

Jiaxin Ruan

Conceptual Design of Cable-Stayed and Guyed Tower Structures

Jay Patipan Siri

Mechanics and Inverse Design of Silk Proteins via Large Reasoning Models

Eldar Urkumbayev

Phosphorus Uptake and Allocation in Plant-Biofertilizer System under Salinity Stress

Muhammad Ilham Widiyantoko

Machine Learning Calibration and Sensor Array Optimization for Low-Cost Methane Sensing

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Evan Robyn Bramley

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Billy Jackson Gunawan

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Mark Hellrich

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Scalable and Robust Warehouse Orchestration: Closed-Loop Finite-Horizon Multi-Agent Path Finding

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Almost Zero Waste Timber: Methodologies for Material Efficiency in Wood Structural Systems

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Jacqueline Grace Orr

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A Heuristic-Based Framework for Cost-
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A Cross-Industry Analysis using
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Kanglin Kong
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Integrating Digital Threads Across
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Luke Alexander Placzek
(September, 2025)
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Zara Aamer
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Shreya Agarwal
An Electrostatically Enabled Mist
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Nour Al Maalouf
A User-Centered Approach to Smart
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Layan Alaeddin AlSharif
Adhesive Interfaces Eliminate
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Anthony R. Altala
Translating User Research into
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Isabel Katerina Alvarez
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sp. PCC 6803: Integrated Cultivation,
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Maxwell Richard Bauer
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FrED and the FrED Factory: The MIT
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John Everette Byers
In-Situ Prediction of Porosity in LPBF via
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Discovery of Neural Operator Families via Interpretable Meta-Learning

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3D-Printed Tangential Flow Filtration and High-Throughput Microfluidic Electroporation for Scalable Microbial Processing

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Vision-Language Models for Engineering Design: From Technical Documentation Benchmarking to CAD Generation

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Experimental Investigation of Architected Reef Structures for Wave Energy Dissipation

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Hannah B. Gazdus

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Tyler John Godfrey

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Design, Manufacture, and Assembly of Structural Building Components Produced via Large-Scale Additive Manufacturing of Recycled Polymer Composites

Savannah I. Gordon

A Low-Cost Approach to Transducer Signal Conditioning Using a System on a Chip

Tarjei Paule Hage

Reinforcement Learning and Agentic Frameworks Enable LLMs to Reason About Mechanics and Materials

Eric Lee Hess

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Framework for Reducing Variability in Composite Manufacturing

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Tim Jorrit Hoogenraad

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Ruizhe Huang

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Shaoxun Huang

Multicellular Active Solids: Emergent Behaviors and Control of Mechanical Responses

Hung Quoc Huynh

Contamination Effects on the Mechanical Properties of rPET Plastics

Samuel H. Ihns

Noncontact, Ambient Sensing for Laboratory Animals: Design, Validation, and Application

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Sydney Paige Kim

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Sonika Kohli

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Rishi Tarun Kommalapati

Geometry-Induced Viscoelastic Behavior of Spinodal Metamaterials

Dimitrios Koutentakis

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In Charge of Charging: Optimizing Overnight Orchestration for Electric Delivery Fleets

Do A Kwon

Dislocation-Free, Monolithic Integration of Single-Crystalline III-V Semiconductors on Silicon

Jessica T. Lam

Design and Testing of an Automated Fluidized Bottle Upweller System for Sustainable Aquaculture

Alexandra C. Lee

Characterization of Needles in Nature for the Design of Bio-Inspired Microneedles

Raymond Kelly Lennon

Pantographic Interwoven Composable Lattices

Caroline Liu

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Jiayi Liu

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Joy Liu

Characterizing Human Mechanical Impedance Toward Robotic Rehabilitation

Alexander Michael Madinger

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MINI - Minimally Invasive Neuromuscular Interface: A Handheld Device to Deploy Multiple Electrodes in Parallel to Target Locations

Ninad R. Mahajan

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King Yiu Brandon Man

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Ashley F. Margetts

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Erin Megan Menezes

Design and Testing of Collision-Minimization Autonomy for a Surface Vehicle on an Oyster Farm

Joseph Robert Moehrl

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Joseph Thomas Monaghan IV

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Richard A. Moyer III

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Shiva Mudide

(February, 2026)
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Marco Antonio Nedungadi Martinod

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Ishan Paresh Patel

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Timothy Michael Powell

Data-Driven Corrosion Mitigation and Power System Monitoring for U.S. Coast Guard Fast Response Cutters

Maci Addison Raine Prescott

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Adaptive Machine Learning for Predictive Maintenance via Integrated Data Architecture

Jonathan Sheehan Roach

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Andre Rodriguez

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Victor Alonso Rodriguez

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Towards Probabilistic Dynamically-Orthogonal Primitive Equation Forecasts for the Gulf of Mexico

Ignacio Rodriguez de Castro

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Gillian J. Roeder

(February, 2026)
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Marianna Rogers

Restructuring Energy Storage: Harnessing Catalytic Curing Mechanisms in Epoxy-Based Structural Solid Polymer Electrolytes to Enhance Mechanical and Electrochemical Performance

Peter Nathaniel Scott

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Arman Serikov Shantayev

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Noam Sharoni

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Eve Sheridan

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Aquila V. Simmons

Design of a Second-Generation Liquid Tin Methane Pyrolysis Reactor for Continuous Operation

Malia C. Smith

Quantifying the Mechanics of Active Deep Tissue Massage through Motion Analysis and Non-Invasive Force Estimation

Miles Smith

Computational Neuromechanics of Impaired Locomotion: Using Predictive Neuromusculoskeletal Simulations to Unravel the Structure of Variability

Elliott Whitney Speirs

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Parker William Steen

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Nicholas Wei Yong Sung

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Paisley Alexandra Tarboton

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Charles Christopher Thigpen

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Nikolaos Tsakiris

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Jacqueline Frances van Zyl

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Amber C. Velez

Pulsed Electrolysis for Metal Recovery from Copper Mining Wastewater

Carolina S. Warneryd

Cameleon: A Cam-Actuated Quasi-Passive Ankle-Foot Prosthetic

Colin M. Weaver

Qualifying Molten Salt Compatible Hydrogen Permeation Barriers through Gas Driven Experimental Characterization, Theory, and Multilayer Transport Models

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Christopher James White

Characterization of Electrospray Thrusters in a Low Earth Orbit Environment

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Nomi E. Yu

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Toward a Universal Applicator Platform for Reliable Microneedle Insertion

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Matthew Ethan Hark

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David Ringland Irons

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Ignatij Orlovskiy

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Mouyang Cheng

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Underwater Backscatter Tag Localization
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Reducing Memory Consumption of ML
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Visualizing Complex Graphs and
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Ayana K. Alemayehu

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Which Reconstruction Model Should a
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Evgeniya Artemova

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Strategic Reputation Manipulation in
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PaGeR: Vision-Based Point-and-Gesture
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Representational Interfaces and Analyses
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Raymond E. Bahng

Neuro-Symbolic Patient Cartography:
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Lasya Akila Balachandran

Multi-Rate, SWaP-Enhanced Terminal
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(February, 2026)
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Multimodal Axiomatic Tree for Digital
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Hit-Zone Aware Embedding Models
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Time Series Foundation Models as a Service: An Automated Inference Deployment Framework

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Belief-Guided Interactive Object Search on Mobile Manipulators

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Fork Around and Find Out: Accelerating Dynamic Language Runtimes in α OS via Lightweight Container Forking

Stephen Joseph Campbell Ramírez

A Foundation Model for Solar Energy Forecasting from Sky Images

Connie K. Cao

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Multimodal Embedding Alignment for Homoglyph Detection

Monica Sao Hwei Chan

Reinforcement Learning for Robust and Dynamic Second-Order Macroscopic Traffic Flow Calibration

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Quantum Probe Tomography for Disordered Systems

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Temporal Abstention: Training LLMs to Respect Knowledge Cutoff Instructions

Rohan Cherukuri

SM-GPTQ and CoiledMamba: Extending GPTQ's and SSDi8's Frameworks to Minimize Quantization Error of Linear Attention Modules

David Chongmyung Choi

Juno: A Non-Architectural Kernel Gadget Scanner for Transient Execution Attacks

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Diverse Online Active Learning Techniques for Introductory Computer Science Education

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Diego A. Coello

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Stroke Learning: A Benchmark for Visual Reasoning and Tool Use

Ezekiel G. Daye

A Geometrically and Electrically Modular Toolkit: Embedded Architectures for Shape-Deployable Metamaterials

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(See also S.M.Arch.S., Course IV)
Beyond Renders: Insight-Informed Generative AI for Post-Generative Grounding via Vision Language Models and Sequential Reasoning

Jiashu Han
MAD: Microenvironment-Aware Distillation - A Self-Supervised Framework for Virtual Spatial Omics from Microscopy

Yuyang Han
Cryo-CMOS Control of Tin-Vacancy Centers in Diamond for Scalable Quantum Networks

Claire Gorman Hanly
(See also M.C.P., Course XI)
Bog Bearings: Information and Capital on Northern Irish Peatlands

Alina Harbuzova
Average-Case Reductions for Matrix and Tensor Statistical Models

Giulianna Hashemi-Asasi
Structure-Aware Machine Learning: Symmetry and Distillation

Kaiwen He
(September, 2025)
Concretely-Efficient Multi-Key Homomorphic Secret Sharing and Applications

Yutian He
(See also M.C.P., Course XI)
Carbon Cities: Interactive Geographies Where Burden and Responsibility Diverge

Hunter Sean Hinnen
(February, 2026)
Microfluidic State Machine for Cryoprotectant Loading of Oocytes

Benjamin Charles Holmes
Achieving Near-Warm Serverless Cold Starts with First Class OS Support for Process Snapshots

Teddy Hsieh
Assembly of Discrete Nanoscale Building Blocks into Functional Devices

Zian Hu
(See also M.B.A., Course XV)
Distilling Expert Judgment: Efficient Reasoning-Based Evaluation of Enterprise Support Agents

Albert Zhewei Hung
From Low- to High-Resolution Chromatin Contact Maps with Hierarchical Graphs

Rahul Ilango
(September, 2025)
Deterministic Circuit Range Avoidance is (Likely) Intractable

Darin Jeff
(September, 2025)
Delay-Optimal Control of Offloading Systems

Andrea Jimenez Fernandez
(See also M.B.A., Course XV)
AI Sparked Innovation: Utilizing Large Language Models and Multi-Agent Systems as an Innovation Partner for Automating Customer Discovery and Opportunity Ideation

Matthew Shane Johnson
(See also M.B.A., Course XV)
Improving Operational Excellence in Mining Exploration

Dogan Tarik Karabay
Swept Source Wide-Field Raman Imaging

Justin Lee Kay
Efficient Deployment-Time Adaptation
and Selection of Computer Vision Models

Ling Min Serena Khoo
(September, 2025)
A Data Attribution-Based Approach to
Model Diagnosis in LC-MS/MS Structure
Prediction

Suwan Kim
(September, 2025)
(See also M. Arch., Course IV)
Embodied Representation of Time in
Virtual Reality

Jeremy Boaz Kline
(September, 2025)
The Arm Qubit for Faster, Higher-Fidelity
Operations

Jamie Michael Koerner
(February, 2026)
Heart Rate Varies with Mental Workload
and Performance in Virtual Reality Flight
Tasks

Thomas Edward Koker
Training and Fine-Tuning Strategies for
Machine-Learned Interatomic Potentials

Dingwen Kong
(February, 2026)
Automation vs. Aggregation: Agentic AI,
Search AI, and Public Knowledge

Adi Kupersmidt
(September, 2025)
(See also M.C.P., Course XI)
Urban Data Memory: Using Generative
AI to Structure and Visualize Zoning
Data for Urban Planning Evaluation

Rupa Kurinchi-Vendhan
Seeing Through the PRISM: Controllable
& Compositional Image Restoration for
Science

Htet Aung Kyaw
(February, 2026)
(See also S.M.Arch.S., Course IV)
Generative Physical Objects: Text to
Physical Objects using 3D Generative AI,
Vision Language Models, and Robotic
Assembly

Max Land
Tethering by lncRNAs Orchestrates Age-
Dependent Interchromosomal Contacts

Nicola Tatyana Lawford
(See also S.M., Technology and Policy
Program)
Data Traceability Use Case Analyses for
User Awareness and Privacy Litigation

Hyemin Lee
Ultra-Low-Power Edge AI for Feeding
Behavior Detection in Ingestible Devices

Woobean Lee
Secured SerDes: EOM-Based Probing
Attack Detection for HighSpeed Memory
Interfaces

Eric Siqi Li
(September, 2025)
Modeling Dynamic Objects in Scenes
with Generative Particle Systems

Qijia Li
Design and Analysis of Input Inductor
Styled Switched Capacitor Converters

Richard Rui Li
(February, 2026)
Pretraining on in the Wild Human Videos
for Robotic Manipulation

Zhiyi Li
4D Latent World Model for Robot
Planning

Rebecca Y. E. Lin
(September, 2025)
From String to Structure: Graph
Threading for Physical Assembly

Cheng-Hsin Liu
Molybdenum Disulfide (MoS₂) FET
Sensors for Sub-ppm Hydrogen Detection

Eric Yingqi Liu
Vulnerability Description Mapping and
Knowledge Graph Curation with LLMs

Ruihao Liu
Probing Correlated Moiré Magnetism via
Spin Transport

Alston Lo
A Genetic Algorithm for Navigating
Synthesizable Molecular Spaces

Andres Esteban Lombo
(February, 2026)
Fabrication of High-Efficiency Floquet-
Mode Traveling-Wave Parametric
Amplifiers

Shitong Luo
Efficient and Programmable Exploration
of Synthesizable Chemical Space

**Marine Catherine Stephanie Arielle
Maisonneuve**
(See also M.B.A., Course XV)
Stochastic Optimization and Predictive
Modeling for Hybrid Distributed Energy
Investments in Commercial Buildings

Benjamin Maltbie
(See also M.B.A., Course XV)
Agentic Reinforcement Learning for
Competitor-Aware Customer Retention

Marina Mancoridis
Evaluating Concept Understanding
Large Language Models: Potemkin
Understanding and the Consistency Trap

Gabriel Filipe Manso Araujo
(February, 2026)
Beyond the Hype: Rethinking AI's
Transformative Role in Scientific
Computing

John Benjamin Martins
(See also M.B.A., Course XV)
A Machine Learning Approach to
Sleep Study Selection for Diagnosing
Obstructive Sleep Apnea

Ryan Mei
(February, 2026)
LeViS: A Vision Transformer for Fast
Combinatorial Optimization of Imaging
Techniques

Rohan Suresh Menon
Low-Power Ocean Sensing Networks
for Long-Term Deployment Using
Underwater Backscatter

Pablo Mercader Pérez
Astronet-Vetting: Automating Exoplanet
Discovery in TESS Data with Deep
Learning

Shuhan Miao

(See also S.M.Arch.S., Course IV)
Design by Induction: A Multimodal
Framework for Learning Formal Design
Concepts from Few-Shot Examples

William Matthew Michaels

Diffractive Cascades and Scintillator
Surface Engineering for X-Ray Imaging

Zhati Mure

Verified Compilation for Reconfigurable
Dataflow Architecture

Diana Mykhaylychenko

(See also S.M.Arch.S., Course IV)
REBUILDING HOME: Culturally-
Aligned Agentic Multimodal AI
for Personalized Spatial-Emotional
Reasoning and 3D Reconstruction of
Post-Conflict Architecture

William D. Nolan

Electrical Characterization of a Novel
Compact Megawatt-Class Motor

Phineas Justin Nyang'oro

Toward Operations of Renewable
Rich-Distribution Systems with Energy
Storage: Modeling and Control of
Reactive Power and Voltage

Hiroki Ogasawara

(See also S.M., Engineering and Manage-
ment)
Software-Defined Vehicles (SDVs) Based
on Platform Framework

Alicia Ouyang

(February, 2026)
(See also S.M., Technology and Policy
Program)
Privacy, Population, and Policy

Joshua Jaehyung Park

p-Channel Gallium Nitride FinFETs for
Complementary Logic Applications

Yoonsoo Clara Park

(See also S.M., Technology and Policy
Program)
A Reserve Procurement Framework
Using Probabilistic Forecasting

Aditya Paul

GPU-Accelerated Inverse Design of
Linear and Nonlinear Integrated Silicon
Nitride Photonic Structures

Maxine Alexandra Perroni-Scharf

Making the Most of Eco-Friendly
Filaments

Martin Francisco Peticco

Hardware Priors for Dexterous Robotic
Manipulation

Amit Kumar Rai

(See also S.M.(N.A.M.E.), Course II)
Leveraging Diffusion Models for Design
and Hydrodynamic Optimization of
Underwater Vehicles

Adam Basel Rashid

Leveraging Simulation Data to Train
Real-World Dexterous Manipulation
Policies

Oliver E. Rayner

Arcsecond-Accurate Capacitive Resolver
Design

Junru Ren

(See also M.B.A., Course XV)
Multi-Agent Simulation of Procurement
Negotiations

Ana Karina Rivera Him

N-k Robust Transmission Expansion
Planning via Gradient-Based Methods

Sarina Sabouri

(February, 2026)
Modeling, Simulation, and Design of an
FMCW Radar System and Integrated
Circuit for Vital Sign Detection

Nidhish Sagar

(September, 2025)
(See also S.M., Course XXII)
Modeling Convective Heat and Mass
Transfer Relations Using Machine
Learning

Sloane Camille Sambuco

(See also M.B.A., Course XV)
CAT: Coverage-Aware Testing — A
Framework for Testing Black-Box ML
Systems with Human-AI Collaboration

Joseph Russell Heinlen Schaad

A CMOS-Compatible Ferroelectric
Capacitor Device for Integrated Power
Delivery

Viansa Asia Schmulbach

Efficient Hardware for Microservices

Kasey Ann Shashaty

(February, 2026)
Towards a Portable Stimulated Raman
Scattering System for In Vivo Clinical
Applications

Junxuan Shen

When are Predictions Worth Their
Load? Optimal Learning-Augmented
Scheduling

Jaehyun Sim

(See also S.M., Engineering and Manage-
ment)
Probabilistic Matrix Completion

Jinwoo Sim

1 Ultrabroadband Nonlinear Hall
Rectification in a Magnetic Weyl
Semimetal

Maxim Sirotin

(February, 2026)
Experimental Nonlocal Optical
Interferometry with a Solid-State
Quantum Network for Quantum-
Enhanced Telescope Arrays

Stewart Slocum

(September, 2025)
Diverse Preference Learning for
Capabilities and Alignment

Xavier Alexander Smith

(February, 2026)
Construction and Demonstration of an
Instrument Capable of Spatially Selective
Hysteretic Heating with Inductive
Monitoring for Magnetothermal
Stimulation

Tal Sneh

(September, 2025)
Spatial Emission and Polarization Control
in Integrated Photonics for Optical-
Trapping and Trapped-Ion Systems

Renzo Gaitzou Soatto

CountsDiff: Diffusion Models on the
Natural Numbers

Shiva Attiganal Sreeram

Efficient Large Language Model
Adaptation through Gradient-Guided
Clustering and Low-Rank Search

Melania Yu St.Cyr
(February, 2026)
Highly Sensitive Oscillator-Based
Microwave Liquid Sensing System

Shiyu Su
(See also M.B.A., Course XV)
Value-Optimized Retention: Integrating
Predictive Modeling and Dynamic
Decision Logic for Treatment-Sensitive
Targeting

Mingyang Sun
(See also M.C.P., Course XI)
True Absence or Detection Failure:
Generative Augmentation and Expert-
Calibrated Filtering for Long-Tailed
Bumblebee Classification

Kabir Swain
Building Virtual Environments for
Embodied

Huying Freya Tan
(See also M.C.P., Course XI)
Toward Auditable Repair of Fragmented
Pedestrian Networks with LLM-Assisted
Spatial Reasoning

Rachel Tan
Tethered Capsule Imaging

Josefine Jannette Lucia Tijssen
(See also M.B.A., Course XV)
Unlocking Efficiency and Growth
through Data Analysis and Process
Improvement in Small and Medium-
Sized Manufacturing Enterprises

Jack Dylan Tomkiewicz
Single-Pulse Deep-Tissue Metabolic
Fluorescence Lifetime Imaging Enabled
by Learned Denoising of Directly
Sampled Traces

Dinh Anh Truong
Low-Rank Adaptation of Neural Fields

Charles Van De Mark
(February, 2026)
Design and Experimental Validation of
Neuromorphic Circuits in Mammalian
Cells

Janet Z. Wang
(September, 2025)
Designing Planar Silicon Solar Cells for
Singlet Fission Sensitization

Xiaoyan Wang
(February, 2026)
A Flexible Library for Probabilistic 3D
Scene Representation

Zhi Ray Wang
(February, 2026)
(See also S.M.Arch.S., Course IV)
Resilient Metabolism: Exploring
Equitable Urban Renewal Pathways with
Multi-Objective Optimization Framework

Adam Wei
Empirical Analysis of Sim-and-Real
Cotraining for Diffusion Policies

Joshua W. Wornell

Yu-Cheng Wu
Channel-Dependent State-Space Model
for Multivariate Time Series Forecasting

Zhaofeng Wu
(February, 2026)
reWordBench: Benchmarking and
Improving the Robustness of Reward
Models with Transformed Inputs

Charles Xu
Algebra Discovery via Free Algebra
Relations

Yan Xu
Reinforcement Fine-Tune LLM for
Analog Circuit Refinement

Qinyuan Xue
Optimization of Gate Stack Architectures
for Top-Gated MoS₂ Ferroelectric Field-
Effect Transistors

Kakei Yamamoto
(February, 2026)
Residual-as-Teacher (RaT): A Functional
Gradient Approach for Iterative Fine-
Tuning

Beatriz Sarah Yankelevich
(September, 2025)
Towards a Modular Superconducting
Quantum Processor with Chiral
Waveguide Quantum Electrodynamics

Xin Zhang
Program Optimization with Collection
Annotations and Database-Style Term
Rewriting

Cai Zhou
On New Paradigms of Diffusion
Language Models

Xiaochen Zhu
(February, 2026)
Towards Trustworthy Artificial
Intelligence with PAC Privacy

Yunyue Zhu
Synthesis, Defect Characterization and
Optical Nonlinearity of 2D Janus MoSSe

Master of Science in Chemical Engineering

Course X
*Department of Chemical
Engineering*

Lauren Brianna Burton
(September, 2025)
Engineering Polymer-Metal-Organic
Frameworks (polyMOFs) for Membrane-
Based Gas Separations

Shek Nga Chan
(February, 2026)
Optimization of Synthetic Extracellular
Matrix for Pancreatic Islet Transplants

Isabel Ann Gervis
(See also M.B.A., Course XV)
Accelerating Front-End Planning of
Biopharmaceutical Capital Projects
Through Project Management and AI
Interventions

Juliana Lu-Yang
(September, 2025)
Zeolite Design and Reactor Engineering
Approaches for Polyolefin Hydrocracking

Jeremy Eric Rosenblatt
(See also M.B.A., Course XV)
Optimization-Enabled Strategic Capacity
Planning at a Biopharmaceutical
Manufacturer

John Ryan Zeeman
(See also M.B.A., Course XV)
A Machine Learning Framework for
Optimized and Reduced Experimentation
in Cell Culture Process Characterization

**Master of Science in Chemical
Engineering Practice**

Course X-A

*Department of Chemical
Engineering*

Rachel Ariella Ahlmark

(September, 2025)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Oluwaseun Olamide Ajepe

(September, 2025)
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Engineering Practice in Lieu of Thesis

Gaurav Awasthi

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Shreyanil Bhuyan

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Ashley Seri Chon

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Engineering Practice in Lieu of Thesis

Chih-Peng Chuang

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Engineering Practice in Lieu of Thesis

Marieke Eugénie De Bock

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Engineering Practice in Lieu of Thesis

Kanisha Desai

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Hannah Faye Dickerson

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Engineering Practice in Lieu of Thesis

Marco A. Fagundes Machado

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Layla Ghalayini

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Engineering Practice in Lieu of Thesis

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Engineering Practice in Lieu of Thesis

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Anthony Jia-Chi Hon

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Engineering Practice in Lieu of Thesis

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Engineering Practice in Lieu of Thesis

Efstathios Iliakis

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Engineering Practice in Lieu of Thesis

Hyungjoon Ji

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Yile Jiang

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Engineering Practice in Lieu of Thesis

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Younghyeon Kim

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Konstantinos Dimitrios Mataras

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Engineering Practice in Lieu of Thesis

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Engineering Practice in Lieu of Thesis

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Engineering Practice in Lieu of Thesis

Panagiotis Panagopoulos Papageorgiou

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Engineering Practice in Lieu of Thesis

Sebastian Rotella

(September, 2025)
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Engineering Practice in Lieu of Thesis

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Haoyang Wu

(February, 2026)
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Engineering Practice in Lieu of Thesis

Junghyun Yoon

(September, 2025)
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Engineering Practice in Lieu of Thesis

Yein Yoon

(September, 2025)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

Jonathan Wenyan Zheng

(February, 2026)
(See also Ph.D., Course X)
Attended School of Chemical
Engineering Practice in Lieu of Thesis

**Master of Science in
Aeronautics and Astronautics**

Course XVI

*Department of Aeronautics and
Astronautics*

Joachim Albert Bron

Implementation of a Forced Response
Aero-Engine Experiment for
Characterization of Fan Flutter Damping

Claire Ann Buffington

(February, 2026)
Design and Testing of Conical Ribbon
Parachute for Venus Atmospheric Entry
Probe

Terelle Anthony Cadd

Complexity Quantification in System-of-
Systems Architectures: Wildfire Response
Applications

Hugh Ian Cairney

A Data-Driven k -Equation-Based
Framework for Modeling Turbulence
Using Sparse Regression

Jack J. Capper

(February, 2026)
Optimization of Satellite Constellation
Design and Network Topology

Timothy Roy Cavemith

Real-Time Sequential Convex
Programming for 6-DoF Powered-
Descent Guidance with Nonlinear
Predictive Tracking for a Thrust-Vectored
Coaxial Testbed

Jeremy Nathan Chen

An Evaluation of Vertical Orbits for a
Cislunar Space Situational Awareness
Constellation

Maison Cloutre

(February, 2026)
Quantum Control of Statistical
Information

Evrard Jean Marie Michel Constant

Thermal and Mechanical Performance
Assessment of a MW-Class Electrical
Machine for Aircraft Propulsion

Seth Romald Cornelius

Space Sustainability in Low Earth Orbit:
A Systems Engineering Approach

Keith Leon Cort

Methods for Evaluating the Impact of
Aircraft Configurations and Technology
Options on CAROC

Ruth Anaya Davis

(February, 2026)
Novel Materials & Additive
Manufacturing for Electrospray
Propulsion

Hillel Dei

(February, 2026)
A Spectral Method Formulation of
Combustion-Induced Damage over the
Surfaces of Hypersonic Vehicles

Blake Tyler Edwards

Unified Assurance: Design-Time
Verification and Runtime Monitoring for
Safe Autonomous Systems

Eric Joseph Elias

Illumination-Robust Navigation
around Unknown Space Objects Using
Multispectral Imagery

Lilly Etzenbach

Design and Management of Reusable
Rocket Engines: Trade-offs among
Performance, Lifetime, and Complexity

Mary Grace Foxen

Conceptual Design and Thermal-
Structural Analysis of the New MIT
Research Reactor Internals

Aigneis A. Frey

(See also M.B.A., Course XV)
Predicting and Automating Weather-
Driven Slip Risk in Autonomous Mining
Truck Fleets

Cheng Ge

(February, 2026)
A Barrier-Based First-Order Method for
Constrained Bilevel Optimization

Erick Gonzalez

(February, 2026)
Nanoporous Network-Enabled Out-
of-Autoclave Manufacturing of Fast-
Cure Carbon Fiber Reinforced Polymer
Composite Laminates

Regan Brooke Hansen

Reduction in Chemistry Model for
Electrophilic Injection Plasma Blackout
Alleviation and Preparatory Studies for
Experimental Testing

Maya Felice Harris

(February, 2026)
(See also S.M., Technology and Policy
Program)
Tools for Informed Policymaking in
Space Sustainability: Modeling Debris
Mitigation Strategies and Developing an
Orbital Capacity Framework

Anastasiia Holubova

(See also M.B.A., Course XV)
Dynamic Abuse Prevention System
for AV Ride-Hailing: Integrating
ML-Powered Risk Scoring with an
Operational Response Framework

Niya Cheyenne Hope-Glenn

Electrode-Driven Catalysis in Plasma-
Based CO₂ Conversion for Mars ISRU

Minyoung Hwang

LLM-Guided Reward Disambiguation
from Demonstrations and Language

Yixuan Jia

(February, 2026)
Robotic Perception and Planning in
Challenging Environments

Aneesh Ramesh Jois

(September, 2025)
Human in the Loop Task Directed
Planning and Exploration in Unknown
Environments

Bryce Hamilton Kampert

Quantifying the Value of Flexibility:
A Tradespace Exploration of On-Orbit
Servicing for Space Observatories

Michael Richard Kraus

High-Order Boundary Conditions for
Curved Domains with Straight-Sided
Meshes

Abigail Melissa Lee

(February, 2026)
Alignment and Testing of the CubeSat
Laser Infrared
Crosslink (CLICK) Payloads

Benjamin Adam Levy

(September, 2025)
Characterization of Transonic Fan Response to Inlet Distortion

Angelina Marcine LoCricchio

Increasing the Value and Efficiency of Tradespace Exploration Through the Use of Machine Learning

Jonathan Lupo

(September, 2025)
Characterizing CMOS Devices for Use in Future X-Ray Astrophysics Instruments

Noah Michael McAllister

Aerodynamic Shape Optimization with Output-Based Mesh Adaptation and Analytically Verified Sensitivities

Nicole McGaa

Space Technology Utilization for Emergency Preparedness and Human Health

Christina Nguyen

A Systems-Level Investigation into the Synergistic Application of Methane Fuel Across Aviation and Space

Jules Marin Adrien Penot

Deployment and Orbital Optimization of Distributed Heliocentric Relay Networks for Interplanetary Communications

Cecilia Perez Gago

(September, 2025)
Data Driven Study of Human Factors Trends in Flight Crew Response to System Failure Events in Transport Category Aircraft

Alejandro Posadas-Nava

Safe and Adaptive Vision-Guided Control for Proximity Operations

Julian L. Powers

(September, 2025)
Extraction of Surface Pressure from Particle Image Velocimetry

Daniel Raucci Romano

(See also M.B.A., Course XV)
Systems Engineering Meets Manufacturing: Optimizing Mining Equipment Assembly via SEEGOL

Dominique Adele Regli

Radar-Based Human Activity Recognition through Qualitative Spatial Reasoning

Patrick Daniel Riley

Design of Nuclear Thermal Propulsion Fuel Testing Facilities for the MIT Reactor

Benjamin March Rossano

Multi-Robot Coordination in Uncertain and Unknown Environments

Dinuri Senara Bandara Rupasinghe

Safe Autonomous Rendezvous and Proximity Operations for Satellite Servicing Applications

Morgan E. Schaefer

Predicting Pedestrian Trajectory Using Social and Environmental Context in Natural Language

Garrett James Siemen

Deployment Orbit Selection and Trajectory Optimization for a Carrier and Deployed Spacecraft System in LEO

Anushka Tahiliani

Integrated Propulsion System Modeling for Advanced Aircraft Using Multidisciplinary Design Optimization

Robin Mia Tian

Thermospheric Drag Characterization and Prediction for Satellite Conjunction Assessment

Michael Lee Tibbs II

(February, 2026)
Machine Learning Approaches for Forecasting Hemodynamic Responses to Concurrent G-Force and Hemorrhage

Anna Wadhwa

Making Space for Science: Using Systems Architecture to Improve Accessibility and Collaboration in the Spaceflight Sciences

Samir Wadhwanian

Learning and Inferring Joint Roles for Human-Machine Teaming

James Michael Grandolfi Wall

Cavitation Instability Onset and Thermal Effects on Cavitation in Turbopump Inducers

Andrew Scott Welter

Effects of Spanwise Curvature on Hypersonic Boundary Layer Transition in Görtler-Driven Flows

Tomás Ariel Wexler

Design and Synthesis of a High-Temperature Ductile Phase Toughened Environmental Barrier Coating

Xihang Yu

Towards Holistic Object-Centric 3D Perception: Shape, Pose, and Scene Structure Estimation

Cecilia Elizabeth Zagara

(February, 2026)
Collaborative Domain Modeling and Plan Repair

Kevin Christopher Zimmer

(February, 2026)
Improving Resilience in the Stand Allocation Problem

Master of Engineering in Biomedical Engineering

Course XX-P

Department of Biological Engineering

Lauren Elizabeth Davis

Benchmarking Computational Search and Scoring Methods for Identifying Inhibitory Peptide Fragments from Native Protein-Protein Interfaces

Tyler Akitoshi Matsuzaki

(See also S.B., Course XX)
Computational and Experimental Strategies to Improve the Human-Relevance of In Vitro Models of MAFLD

Master of Science in Nuclear Science and Engineering

Course XXII

Department of Nuclear Science and Engineering

Emilio Ahuactzin-Garcia

(September, 2025)
Verification of the ADDER Depletion Code for Use for MITR-II Fuel Management Tasks

Liliana R. Arias
An Integrated Analysis of Tritium Releases and Environmental Transport from Fusion and Other Nuclear Facilities

Denisse Córdova Carrizales
(February, 2026)
Tuning the Chiral Anomaly in Topological Semimetal via Ion Implantation: Pathway to Design Quantum Materials

Alice Kathy Ding
(September, 2025)
Evaluating the Influence of Surface Characteristics on Boiling and CHF Predictions with the MITB Model in Subcooled Flows

Faris W. Fakhry
(See also S.B., Course XXII-ENG)
Sampling Strategies, Encoding Methods, and Model Architectures for Machine-Learning Surrogates of the MITR-III Neutronics

Vincent Joseph Galvan
(February, 2026)
Developing a TGLF Neural Network for Fast Modeling of the SPARC Fusion Device

Philip David Henderson
(September, 2025)
Interphase Momentum Closure Analysis for Multiphase Computational Fluid Dynamics of Horizontal Bubbly Flow

Andrew Thomas Lanzrath
(September, 2025)
A Forward-Fitting Method for EJ-301 Scintillator Detectors to Diagnose Tokamak Plasma Performance from Neutron Energy Spectra

Yuqian Li
Instability and Turbulent Transport Analysis Using Cross-Phase Measurements in Magnetized Plasmas

Anne I. M. Moncuit
(September, 2025)
High-Fidelity Multiphase Modeling of Critical Heat Flux Phenomena in Pressurized Water Reactor Fuel

Stanley Joseph Normile
Design of an In-Vessel Soft X-Ray Camera for the SPARC Tokamak

Keonghun Peon
(September, 2025)
Development of a Physics-Constrained Machine Learning Model for Generalized Quasi-Linear Diffusion Coefficient Prediction in Lower Hybrid Current Drive Scenarios

Mateo Pisinger
(September, 2025)
Effects of Flow Obstacles on Single-Phase Heat Transfer and CHF in a Narrow Rectangular Channel

Tyler John Rauenzahn
(See also M.B.A., Course XV)
Establishing Operational Altitudes for Nuclear Thermal Propulsion in Earth-Orbit

Alyssa Kathryn Rauschenberger
Radiometric Electron Cyclotron Emission Diagnostics for the SPARC Tokamak: Modeling, Measurement, and Error Analysis

Eunbi Rha
(February, 2026)
Tuning Quantum Transport with Fast Ion Implantation in a Topological Semimetal

Nidhish Sagar
(September, 2025)
(See also S.M., Course VI)
Modeling Convective Heat and Mass Transfer Relations Using Machine Learning

Kevin J. Sanchez
Pixelated Detector Design for Neutron Resonance Transmission Analysis

Abhishek Saraswat
Experimental Quantification of Hydrogen and Deuterium Permeabilities in Molten FLiBe for Advanced Breeding Blanket Applications

Maxfield Theodore Torke
(See also M.B.A., Course XV)
Modeling the Addition of Solar and Long-Duration Storage to Meet Long-Term CAISO Resource Adequacy Requirements

Joseph Adrian Vargas
(February, 2026)
Investigations of the Impacts of Multi-Ion and Kinetic Effects in High-Z Doped Inertial Confinement Fusion (ICF) Implosions at OMEGA

Logan Desmond Webber
(September, 2025)
Optimizing the Use of Enriched Lithium in Fusion Reactor Blankets: A Neutronics-Based Economic Analysis

William Nelson Wright
(September, 2025)
Electroforming Klystron Cavities Using Machined and 3D Printed Mandrels

Yiru Xiao
(September, 2025)
Analysis of Runaway-Electron-Driven Whistler Waves in the Madison Symmetric Torus (MST)

Master of Applied Science in Supply Chain Management
Program in Supply Chain Management

Ahmed Abdelhak

Lucas Achman

Matthew Joseph Adiletta

Shrivats Agarwal

Muhammad Bilal Anjum

Nadia Assegaf

Kristen Victoria Brauer

Bhavya Budhia

Gavin Alexander Calarco

Juan Enrique Cermeño Blondet

Yun Jeong Choi

Larissa Liling Chow

Isis Junea Elaine Clark

Samantha Jayne Clarke	Jiachen Mo	Victoria Wright
Benjamin B. Cutler	Gianmarco Morea	Liyu Wu
Bratati Das	David Augusto Moreno Orta	John Jiaen Zhang
Stephen Charles Day III	Shreya Madhusudhanan Nair	Alma Zubaid
Wathila Ekanayake	Saloni N. Patel	<u>Master of Engineering in Supply Chain Management</u> <i>Program in Supply Chain Management</i>
Andrew Fosgard	Liem Minh Phan	
Nicolas Garcia Castañeda	Kevin Michael Pilz	
Evgeniya Gerasimov	Zoltan Potorke Enhancing Scope 3 Emissions Estimations for Cloud Computing	Eduardo Andre Cuya Nizama Deep Reinforcement Learning for Tactical Vessel Planning in Large-Scale Maritime Logistics Networks
Utkarsh Goel		
Shivam Gupta	Luis Pujol Sanchez de Leon	Karamvir Singh Sawhney AI/ML for Warehouse Operational Clocks
Madeleine Lagarde Hrycyna	Diandra Riando	
Olivia Ruth Hurley	Rafael E. Rodas	<u>Master of Science in Computational and Systems Biology</u>
Na Rae Jang	Paige Alexis Ruhlman	
Junyeon Jeon	Rishi Raghav Sanker	Emanuel Felipe Burgos Robles (September, 2025) Strain-Resolved Transcriptomics: Exploring Functional Heterogeneity of the Gut Microbiota in Health and Disease
Boyue Kang	Waleed Shahid	
Insu Kang	Sandeep Sharma	
Pooja Kashyap	Dolev Jordan Starr	<u>Master of Science in Engineering and Management</u> <i>Program in System Design and Management</i>
Sharvil Dinesh Khot	Maximiliano Subercaseaux Pérez	
Won Suh Kim	Mengqi Tang	
Joshua Richard Krause	Rui Yang Teo	Evans Adusei, Jr. The Resource-Constrained AI Architecture Framework: A Constraint-First Approach to AI System Design
Chun Wai Leung	Andrés Vargas Pérez	
Jing Liu	Andrea Vega Rodriguez	Benjamin Nelson Arocho Scaling of Earth Observation Satellite Megaconstellations
Syed Mahdi	Hanbo Wang	
Elie Maroun	Yuwen Wang	Deniz Aydemir (September, 2025) Care and Design
Benjamin Ryan McGrath	Sutherland Hart Wiggins	
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	Meghan Ann Wood	

Areen S. Bahour

(February, 2026)
Innovation Ecosystem Development under Military Occupation: An Assessment and Strategic Pathways for the West Bank, Palestine

Austin Colbert Baker

Project Handshakes: Modeling the Hidden but Ubiquitous Layer for Resource Sharing Between R&D Project Teams

Zachary Ben Tyler Barnes

Improving Cost and Schedule Forecast Accuracy for First-of-a-Kind Spaceflight Projects

Ori Ben Yosef

(September, 2025)
From Correlation to Action: Leveraging Deep Learning and Large Language Models to Translate Manufacturing Sensory Data into Operational Intelligence

David Andrew Brown

(September, 2025)
Feasibility and Techno-Economic Analysis of Combining Water Tower Energy Storage with Geothermal Energy Systems

Tyler Kevin Carey

(September, 2025)
Designing for Human Systems: Integrating Organizational Psychology into Systems-Theoretic Safety Analysis for Extreme Teams

Rowell de Guzman Castro

(See also S.M., Course VI)
Semantic and Structural Graph Representation Learning for Systems Engineering Models

Abhay Maheshchandra Chauhan

Decision Architecture in Systems of Systems: Authority, Coupling, and Reversibility Tradeoffs

Chiu Fang Chen

Multi-Agent Systems in Financial Services: Adoption Constraints and a Strategic Roadmap for Enterprise Deployment

Dax Contreras

Enabling the Nuclear Production Mission: A Replicable Enterprise Architecture and Digital Twin Framework for Legacy Facility Modernization

James Michael Crane

(September, 2025)
Leveraging Innovation-Execution Dynamics to Optimize Portfolio Value

Dawit Yenesew Dagnaw

(September, 2025)
A Systems Framework for Desalination Technologies for Oilfield-Produced Water in the Permian Basin

Sander Laurens De la Rambelje

Sustainable Maritime Fuel Hubs: A Systems-Based Approach to Sustainable Maritime Fuel Pathways Using Regional Low-Carbon Energy Resources

Mel-jie Brent Del Mundo

(September, 2025)
Impact of Artificial Intelligence in Cross-Cultural Knowledge Management for Multinational Enterprises

Daniel Frederick DeMello

(February, 2026)
Maturity-Dependent Effects of Government Procurement Approaches on Industry Behavior and Structure

Nathan D. English

Organizational Goal Systems: Morphological Classification, Exploration, and Analysis

Liam Scott Fontaine

(See also Naval E., Course II)
Operational Security and Structural Considerations for a Nuclear Powered Merchant Ship

Robaire Galliath

(February, 2026)
Tradespace Exploration of Mars Transportation System Architectures

Bosheng Gao

(February, 2026)
Data-Driven Cooling Architecture Decisions for Data Centers: A Geolocation-Informed Machine Learning Framework

Andrew Adam Grabowski

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(See also S.M., Course VI)
Development of a Trusted and Efficient Sustainable Goods Market

Stephen Hall

(See also Naval E., Course II)
A Taxonomy of Command and Control Failures in U.S. Navy Ship Maintenance: Mapping and Cross-Case Synthesis

Molly Harwood

Prioritization Strategies for Adapting EVA Spacesuit Architectures: Moon to Mars

Kyaw Kyaw Htyn

(February, 2026)
Value of Flexibility in Aircraft Engine Maintenance Contracts

Sean Hwang

Bolstering Model-Based Systems Engineering with Generative Artificial Intelligence Agents: Responding to Stakeholder-Driven Needs in Requirements and Testing

Divya Iyer

Applying a Systems Approach to Disciplined Entrepreneurship: A Comparative Study of Monki Tox and Tvarly

Jose Carlos Izurieta Torres

(See also Naval E., Course II)
Conceptual Design of a Nuclear Reactor Enclosure for Maritime Applications

Francisco J. Jeldres Neira

(February, 2026)
(See also S.M., Course II)
Use of Aluminum Fuel in Underwater Vehicles for Deep Sea Exploration

Mary Ann Jin

Predicting Labor Effort for Residential Retrofits: A Massachusetts Case Study

Steven Tyler Johnson

Technical Soldier Intelligence Augmentation: A Systems Architecture Approach to Embedding Tactical Edge AI on the Disconnected Battlefield

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A Sociotechnical Systems Evaluation of Enterprise Robotics Innovation

Hiromasa Kamezawa

Enterprise Architectural Decisions for Commercial Aircraft Manufacturers in the Age of Green Transformation and Artificial Intelligence

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(September, 2025)
Enterprise Transformation: Balancing Organizational Goals and Capabilities using Systems Oriented Thinking and Analysis of Complexity

Richard Joonho Kang

(See also Naval E., Course II)
US Naval Ship Complexity Scale and Shipyard Capacity Model

Eugenia Kim

System-Theoretic Process Analysis of a Health Information Technology System

Arisa Kita

Stablecoins and the Strategic Responses of Japanese Banks: Payment Infrastructure, Disintermediation, and Institutional Adaptation

Kota Konishi

Agent-Based Simulation of the Siphon Effect Caused by High-Speed Rail and Mitigation Policies in a Local City

Clayton Matthew Brickhaus Lieberman

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Designing an Efficient Satellite Constellation to Meet the Prioritized Needs of a Crewed Mars Mission

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Architecting a Safe and Scalable Airspace Coordination System for Aircraft and Rocket Launches

Oluwabusola Onobamise Marcus

Broad Strokes and Long Marches: A System Dynamics Analysis of the Re-train-or-Replace Dilemma in Knowledge-Intensive Recombinant Firms

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Estimating Resistance to Digital Technology Infusion: A Multi-Method Modeling Approach

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Remote Sensing Architectures for Detecting Small, Non-Cooperative Maritime Vessels

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(September, 2025)
A Systems Approach to Redesigning Human-AI Interactions in Gas Lift Operations in Upstream Oil and Gas

Marc Monahan

An Inquiry into U.S. Constitutional Architecture and the Engineering Case for Structural Reform

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Understanding Regional SAR Data Utilization through an Absorptive Capacity Framework

Fara Mutia

A Systems-Based Framework for Diagnosing Organizational Misalignment in Process Improvement

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Toward Quantitative Evaluation of Public R&D Investments: A Framework Concerning Japan's Semiconductor Strategy

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(See also Naval E., Course II)
Modeling Automation in Container Port Design

Hiroki Ogasawara

(See also S.M., Course VI)
Software-Defined Vehicles (SDVs) Based on Platform Framework

Morgan Lange Orlovskiy

A Systems Approach to Investigating the Sociotechnical Architecture of Engineering Decision-Making

Emilia Ospina Arango

Market Assessment & Opportunity Screening for Value Added Uses of Renewable Naphtha: A Key System-Level Enabler for Scaling Sustainable Aviation Fuel Production

Lisa Marie Pederson

(September, 2025)
Scaling AI Across Retail: Leveraging NLP and Computer Vision to Enhance Customer Experience and Reduce Returns

Stephanie Anne Pommier

(September, 2025)
System's Approach Evaluation for Decision-Making and Scheduling in the Context of a Lubricant Additives Blending Plant

Jayanta Kumar Pradhan

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Model Based Digital Engineering: Data Architecture and Model Management

Jonathan Tripp Roman

A Systems Approach to Cancer Prevention: Architecture and Deployment of a Multi-Model Risk Engine

Alexa Beverly Metz Rucks

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Global Teams, Local Knowledge: Examination of Modern Project Management, Complexity, and Offshoring's Lasting Effects on Sociotechnical Systems

Gabriel Rusalleda-Escobar

(September, 2025)
System Approach of Adapting AI Multi-Agent Systems in Organizations

Vivek Sahay

(February, 2026)
Deep Tech Innovation Ecosystems: An Analysis of Vancouver, Canada

Jumpei Sakamoto

Emotion as a Leading Indicator in Complex Project Management

Soki Sakurai

A Technology Mapping Framework to Identify Corporate Core Competencies for Industry Diversification Strategies

Ellie Marie Senft

Right to the Enterprise: Investigating Employee Participation and Decision-Making in the U.S. Army

Shota Seto

Designing Construction 4.0 Projects: Systemic Impacts of Automation and Off-Site Construction on Project Risk

Arman Serikovitch Shantayev

(February, 2026)
(See also S.M., Course II)
Bridging Virtual and Physical Environments to Improve Task Performance in Manufacturing

Zhuohong Shen

Talent Acquisition in Early-Stage U.S. Software Startups: A Framework for High-Impact Hires

Daniel P. Shkiriyak

(February, 2026)
Factors in Architecting the Space Force Enterprise for Innovation

Jaehyun Sim

(See also S.M., Course VI)
Probabilistic Matrix Completion

Joshua Souza

Biome Architecting: A Systems Architecture Framework for Distributed Sociotechnical Systems

Parker William Steen

(September, 2025)
(See also S.M., Course II)
Scaled Deployments of Seismic Penetrators to Measure Stability of Antarctic Ice Shelves

Takuya Suzuki

A Quantitative Framework for Strategic Technology Capability Development in Multi-Disciplinary Climate Adaptation

Mark Edward Tegeler

Supply Chain Redesign Using Real Options: A Case Study in Strategic Sourcing

Rita Uganden-Teryila

Energy Transition Pathways in Urban Nigeria: Using Energy Services to Model the Impact Poverty and Inequality on 'Just Transition'

Anisha Vyas

(February, 2026)
A Transdisciplinary Framework for Hybrid Creative-Engineering Teams

Hiroataka Yokoyama

Systems Theoretic Process Analysis Applied to the Superconductive Maglev System

Samuel Alexander Youngdale

System Architecture Analysis of Time Synchronization in Distributed Measurement Systems

**Master of Science in
Transportation****Amelia Rose Baum**

Course XI
(September, 2025)
Scheduling Strategies for Bus Operator Retention: A Mixed-Methods Evaluation of Bus Operator Preferences and 4-Day Workweek Feasibility

Alex Michael Carroll

Course I
Fast Barge, Smart Prices: Deep RL for Mississippi Container Service

Magdalena Maria Misiewicz

Course XI
Taking Time Off: Understanding Leave Policies, Procedures and Employee Attitudes in Rail Operations

Erin Sydney Mitchell

Course I
Simulation-Based Decision Support for Container Terminals: Insights from Data-Poor and Data-Rich Environments

Hyunji Angie Moon

Course I
(February, 2026)
Golden Cage: Paradox of Early Funding and Growth

Chenan Shen

Course XI
How AI Reshapes Pre-Decision Analytical Workflows: A Case Study in Commercial Real Estate

Mechanical Engineer**Course II**

Department of Mechanical Engineering

Qian Lin

(February, 2026)
Integrated Path Planning System for Trajectory-Guided Freehand Ultrasound Scanning

Naval Engineer**Course II**

Department of Mechanical Engineering

Liam Scott Fontaine

(See also S.M., Engineering and Management)
Operational Security and Structural Considerations for a Nuclear Powered Merchant Ship

Derrick Michael Gilbert

(See also S.M., Course VI)
A Framework for Modular Power Electronics Building Block Switch Architectures

Stephen Hall

(See also S.M., Engineering and Management)
A Taxonomy of Command and Control Failures in U.S. Navy Ship Maintenance: Mapping and Cross-Case Synthesis

Matthew Ethan Hark

(See also S.M.(N.A.M.E.), Course II)
Experimental Study of Wave-Body Interactions and Heave Response Using Periodic Array Configurations in a Wave Tank

Jose Carlos Izurieta Torres

(See also S.M., Engineering and Management)
Conceptual Design of a Nuclear Reactor Enclosure for Maritime Applications

Richard Joonho Kang

(See also S.M., Engineering and Management)
US Naval Ship Complexity Scale and Shipyard Capacity Model

Joseph Thomas Monaghan IV
(See also S.M., Course II)
Autonomous Towing Model for MOOS-IvP

Kristen Marie O'Connor
(See also S.M., Engineering and Management)
Modeling Automation in Container Port Design

Elliott Whitney Speirs
(See also S.M., Course II)
Design and Development of a Real-Time Diver Distress Detection System

Charles Christopher Thigpen
(See also S.M., Course II)
Development of an Ergonomic Powered Tool for Safe and Efficient Container Lashing in Maritime Operations

Electrical Engineer Course VI

Department of Electrical Engineering and Computer Science

Keshav Gupta
(September, 2025)
Methods for Measurement of Memory Access, Compute Energy Consumption on FPGAs

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

Hakan Mason Chuntun
Learning-Based Satellite Conjunction Avoidance under Non-Gaussian Uncertainty via Transformers

Ibrahim Suat Evren
Reconstructing Observation Data in Diffusion Based Visuomotor Policies

Cecil M. Gregg IV
(February, 2026)
Automated Data Integration Operations for Large-Scale Heterogeneous Tables

Angela Li
(September, 2025)
Efficient Uncertainty Quantification of Large Language Models

Srinidhi Narayanan
(September, 2025)
Toward a Natural Language Processing-Based Model for Workplace Culture Scoring

Anh M. Nguyen
Impacts of Congestion Pricing in New York City

Zhurui Sheng
Embedding-Based Multimodal Deepfake Detection: Temporal Modeling, Cross-Source Generalization, and Shortcut Analysis

Malachi J. Soqui
Quantifying the Longitudinal Impact of Physician-Scientists Across the Biomedical Pipeline

Nicolas Andres Stone Perez
Global Analysis of Injury Recurrences and Patterns in Elite Professional Football

Alison Aileen Wang
Modeling Future Copper Demand and Market Dynamics: A Bottom-Up Framework for Data Centers

Ashley Wang
Ambiguity-Aware Distributional Reinforcement Learning on Human Subjective Tasks

Emma Zhu
How Political Influence Shapes Female Labor Market Outcomes

Weiduo Zhu
Active MRI Sampling with Vision Transformer for Reconstruction and Pathology Prediction

Master of Science in Technology and Policy *Institute for Data, Systems, & Society*

Karikari Kwagyan Achireko
(February, 2026)
The Economics and Business of Investments in Nuclear Cogeneration Systems

Ruby Ellena Aidun
The Evolution of Capacity Market Design

Fischer James Espiritu Argosino
Residential Rate Design and Renewable Integration: Pathways to Affordable, Sustainable Electricity in the United States

Nathan Farrell Levine Collett
Green Industrial Policy under Financial Instability: Prospects for Modern Methods of Construction in Canada

Megan Elizabeth Finnigan
A Systems Approach to Policy Interventions for Post-Disaster Housing Permitting

Khyati Garg
(February, 2026)
(See also S.M., Course II)
Estimation of US and Global Critical Mineral Demand Driven by EVs

Aidan Nathaniel Goldenberg-Hart
Uncovering the Carbon Savings of Transportation Mode Shifting for International Trade

Maya Felice Harris
(February, 2026)
(See also S.M., Course XVI)
Tools for Informed Policymaking in Space Sustainability: Modeling Debris Mitigation Strategies and Developing an Orbital Capacity Framework

Luke Michael Heeney
(February, 2026)
Automotive Manufacturing Industrial Organization

Strahinja Janjušević
Multi-modal AI for Anomaly Detection for Maritime Cyber-Physical Systems

Ethan Yoshio Kita
(February, 2026)
A Microtransit Design Approach for Communities with Transportation Challenges

Nicola Tatyana Lawford
(See also S.M., Course VI)
Data Traceability Use Case Analyses for
User Awareness and Privacy Litigation

Anthony Roychen Valiaveedu
Designing for Certainty in an Uncertain
World: A Framework for Evaluating
AI-Incorporated Autonomy and Other
Unknowns

Grant Lee
Deploying Thermal Energy Storage

Kevin Lin Yang
Balancing Climate and Biodiversity:
Assessing the Socioeconomic Impacts
of the 30-by-30 Target with Climate
Warming Constraints

Helena Anne McDonald
(February, 2026)
(See also S.M.(Atmospheric Sci.), Course
XII)
Mitigation of Launch Vehicle Emissions
Environmental Impacts through Global
Modeling with Observational Constraints

Alicia Ouyang
(February, 2026)
(See also S.M., Course VI)
Privacy, Population, and Policy

Shreeya Dharmesh Parekh
Vocabularies of Trust: Understanding
Older Adults' Experiences with Digital
Scams

Yoonsoo Clara Park
(See also S.M., Course VI)
A Reserve Procurement Framework
Using Probabilistic Forecasting

Hannah Rachel Rajput
When Identifying Risks Creates New
Ones: Potential Harms of Socioeconomic
and Environmental Risk Indicators as
Decision-Support Tools

Martin C. Staadecker
Assessing the Purposes, Accuracy, and
Futures of Scope 3 Emissions Reporting

Onur Talu
Assessing the Potential of Load
Flexibility under Residential Heating
Electrification in Texas

Lucia Teresa
(See also M.C.P., Course XI)
Beauséjour

SCHOOL OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

Master of Science in Economics

Course XIV

Department of Economics

Theodore Lewis Caputi

(See also Ph.D., Course XIV)

Essays in Health Economics

Charlotte Beate Siegmann

(September, 2025)

Undercoverage and ML Engineering Choices

Parker Whitfill

Many SWE-Bench-Passing PRs Would Not Be Merged into Main

Master of Applied Science in Data, Economics, and Design of Policy

Course XIV

Department of Economics

Lais Camargo Bartalotti

(September, 2025)

Ji-Shiang Chen

(September, 2025)

Igor Chirikov

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Michael Cleary

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Camilo Franco Rojas

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Samuel Morris Galler

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Bipin Kumar

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Chenghao Li

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Takashi Usami

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Santiago Andrés Valdivieso Puertas

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Mlen-Too Wesley II

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Ching Hin Yang

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Xinyu Zhuo

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Master of Science in Political Science

Course XVII

Department of Political Science

Miriam Elise Hinthorn

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Preserving the Second Strike: Global Nuclear Power Responses to Counterforce Breakthroughs

William Joseph Roberts

(See also S.B., Course XVI)

Framing the Past: How Historical Context Shapes Support for Anti-Democratic Behavior in a Polarized Political Environment

Brian Joseph Robinson

(See also S.B., Course XVI)

From Ukraine to Taiwan: A Theory of Operational Drone Employment

Aidan K. Vaughan

(See also S.B., Course XVI)

Rebuilding Deterrence: Credibility, Capability, and the Logic of Post-Failure Response

Master of Science in Science Writing

Course XXI

Program in Writing and Humanistic Studies

Sarah Reem Akaaboune

(September, 2025)

Suicide in Cowboy Country

Anika Jane Beamer

(September, 2025)

The Island in Time Against All Odds, Ancient Microbes Survive in a Remote Mexican Valley. What Can They Teach Scientists?

Jessica Michelle Chomik-Morales

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A Maverick Neuroscientist: What Does a Life in Science Look Like Outside the Ivory Tower?

Nanticha Ocharoenchai

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A Changing Climate Beneath Our Feet: How Plant and Microbial Life in Tropical Soils are Shifting and What that Could Mean for the Future of Our Warming Planet

Pratik Mohan Pawar

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Grain of Suspicion: Inside India's Bold Plan to Beat Back Anemia by Fortifying its Rice

Paulina Agata Rowińska

(September, 2025)

Silencing the Fungus: Scientists are Developing a Biotech Tool to Save Bats from a Deadly Infectious Disease. Limited Time, Scarce Funding, and Bureaucracy Stand in Their Way.

Mackenzie White
(September, 2025)
Engineering Winter

Celina Tang Zhao
(September, 2025)
When Your Home Becomes a Panda
Park: The Opportunity and Upheaval of
China's Giant Panda National Park

Master of Science in Linguistics
Course XXIV
*Department of Linguistics and
Philosophy*

William Andrew Pacheco
A Grammar Sketch of Kewa Keres for the
People of Santo Domingo Pueblo

Rile Wu
Topics in Mongolian

**Master of Science in Science,
Technology, and Society**
Course STS
*Program in Science, Technology,
and Society*

Noor Maslinda binti Ridzuan Chun
(February, 2026)
Always Just Over the Horizon:
Reprocessing and the Perpetually
Promised Future

Odinaka Kingsley Eze
(February, 2026)
"A Rapid Course to Death": Cerebrospinal
Meningitis and Epidemic Seasonality in
Northern Nigeria, 1905—1939

Ambar Reyes
(February, 2026)
Selling More Than Goods: The
Entrepreneurial Logic of the Digital
Underground Marketplace

**Master of Science in Music
Technology and Computation**
Course XXI-M
Program in Music

Zhixing Chen
Generative Music as a Catalyst for Social
Choreography

Noble C. Harasha
Modeling Subjectivity and Collective
Sensory Perception as Noisy, Analog
Communication in Feedback-Driven
Networks

Rachel Jui-Chih Loh
Looking Glass: Visualizing the Internal
State of Music Models for Live Human-
AI Improvisation

Carlos Mariano Salcedo
Neural Cellular Automata for Interactive
Music Visualization

Claire RaeAnn Southard
Neural Decoding of Imagined Music: A
Machine Learning Framework for EEG-
Based Audio Feature Reconstruction

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Master of Business

Administration

Course XV-A (Sloan Fellows)
Sloan School of Management

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Sho Akama	Omar Dominguez Mondragon	Ryo Kadono
Mamdouh Aali Almutairi	Victor Michael Se Cheung Dong	Naima T. Kelley
Abdullah Alqahtani	Ujjal Dutta Value Stream Mapping and Resilience Analysis of the U.S. Wide-Bandgap Semiconductor Supply Chain	Leyla Khanahmad
Julian Araoz Hernandez	Manuel Duvignau Rodriguez	Minato Kichise
Alecia Pamela Janel Matthias Williams Asiamigbe Impact of Energy Policy for SIDS	Astrid Johanna Gunnel Ericsson	Jiyoung Kim
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Lkhagvajargal Baasantseren	Néstor David Esquivel de la Garza	Masakazu Kobayashi
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Kohei Banno	Shota Furukawa	Sreenidhi Kolli
John Barry	Yoav Gour Lavie, Sr.	Juyeon Koo
Michael Ben Aharon	Stuart Grimshaw	Utheswaran Krishna Moorthy
Ezunial Burts III Bridging the Lab-to-Market Divide: Designing Commercialization Frameworks and Leveraging Innovation Ecosystems to Accelerate Deep- Tech Commercialization and Scale Breakthrough Science	Karen Estefanía Guevara Díaz	John Shiu Kaai Law
Joshua Andrew Cohen	Paul Nicholas Guiloff Müller	Ido Levy
Lindsey Colton	Shota Hamamoto	Hanyun Li
Ifeoluwa Christianah Dare-Johnson	SiTing Han	Paraschos Liadis
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Ademir de Paula Xavier Junior	Cameron Bradley Heard	Xiangnan Lin
	Young Deuk Hong	Sandra Siu Ching Liu
	Ayaka Tomono Horii	Christie Marie Cid Lucagbo
	Kenji Igawa	Artur Edward Martyniuk
	Daigo Ito	Yuki Matsumoto
	Yash Jain	Colin Thomas McGonigle
		Shiva Mehrotra

Vivek Mehta	Alex Rodrigo Salazar Araya	<u>Master of Business Administration</u> Course XV-E (Executive) <i>Sloan School of Management</i>
Makeda Mekonnen	Andre Sepulveda Villela	
Nicolas Melero	Dmitry Shikhov	
Ntombizodwa Khanyisile Mlangeni	Assaf Shtalrid	Solomon Adewale Adenle
Zuansah Rachmat Munggaran	Vikram Siwach	Philips Blessing Akinyele
Nicolás Eugenio Musalem Herrera	Danilo Soares Pacheco de Medeiros	Jason Philip Alexander
Marco Aloysio Musazzi	Chunzi Su	Antwon Anu Ali
Nyari Nain	Carlos Ricardo Suarez Heredia	Nicholas Lee Alonso
Akira Nasu	Rachmawaty Sudirman	Ali Arabnya
Wee Hao Ng	Joseph Lee Suh	Francis Ignatius Baffour
Lanre Olawale Ojutalayo	Maria Cristina Sunley	Edgar Enrique Barua
Bernard Eyiewurami Okobiemen	Kazuaki Takagi	Simon Antonio Bello
Patrick Claudio Ovando Roche	Susana Tamayo Gallego	Anneka Kogan Benn
Brendan David Owen	Weizhao Tan	Brad Brown
Kwame Owusu-Arhin	Pavel Tkachyk	Nora Mouna Brown
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Talha Rehmani	Myint Htay Win	Gabriela Collazo-Rosado
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Gursimran Rooprai	Sophia Yang	Charles Coutu-Nadeau
Luis Felipe Rosas Antipa		Andrew Daniel Cowan
Shira Rotem		Robert Carlos Cruz
		Vijay Anand Devanathan

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Michael Johnson	Kyra Anacleta Mihalick	Xinfeng Charlie Shi
Johnnie James Jones III	Rebekah Anne Miller	Manjula Shivanna Adoption of Knowledge Workers and Pricing Their Tasks for Transparency
Alexander H. Jordan	Matthew Aulden Milroy	Mohamed Abubakr Awad Sidahmed
Ilias Jumadilov	Vipin Chowdary Myneni	

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Ying Zhang	Joseph Atie (See also S.M., Course VI) A Geometry, Learning, and Optimization Framework for Raw Material Planning in Aerospace Manufacturing	Jane Louise Booth
Xiao Zhuang		Rachel Lauren Bortman
Kevin P. Zsamba	Audrey Nicole Atkinson	Charles Aymar Boury Copper Reclamation Program Asset Optimization
<u>Master of Business Administration</u> Course XV <i>Sloan School of Management</i>	Yazan Hatem Turki Ba'ara	Aleksei Bovykin
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Milani Chatterji-Len (See also S.M., Course I) Agentic AI Implementation for Energy Project Risk Review	Nicholas Joseph Curcio	Hallie Rachel Feibel
Aditya Chaudhry	Liza Curcio-Rudy	Gideon Oren Feifke (See also S.M., Course II) Leveraging Discrete Event Simulation to Enable Warehouse System Optimization
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	Tanvee Sanjay Deokule	

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Rachel Sara Freeberg	Maria Guastavino	
Aigneis A. Frey (See also S.M., Course XVI) Predicting and Automating Weather- Driven Slip Risk in Autonomous Mining Truck Fleets	Maria Elena Guijarro Aguirre	Olivia Grace Houston
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Jackson Gates	Muhamad Fakhri Guniar	Caitlyn Huang
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Isabel Ann Gervis (See also S.M., Course X) Accelerating Front-End Planning of Biopharmaceutical Capital Projects Through Project Management and AI Interventions	Anna Ehrenreich Haigh	Megan W. Hung
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Annabella Fei Gong	Leon Herdan Gampel	Jun Jacob Ishida
Sofia Gonzalez Lara	Eric Lee Hess (See also S.M., Course II) Framework for Reducing Variability in Composite Manufacturing	Annika Iyer
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Omar Felipe Gouvea Mourad	Justin Arthur Hilliard	Akmaral Janat
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	Adam Jacob Hoffman	Jose Alvaro Jimenez de Andrade Casta-

non III

Andrea Jimenez Fernandez

(See also S.M., Course VI)
AI Sparked Innovation: Utilizing Large Language Models and Multi-Agent Systems as an Innovation Partner for Automating Customer Discovery and Opportunity Ideation

Dillon Quincy Johnson

Matthew Shane Johnson

(See also S.M., Course VI)
Improving Operational Excellence in Mining Exploration

Steven Patrick Johnson

Alvaro Andres Joven

Aidan Joseph Judge

Michelle Hansol Kang

Imaan Shireen Kara

Sofia Karagianni

Abdul Ahad Khan

(See also S.M., Course I)
Light Business Case Modeling Tool Development for Manufacturing Innovations in the Biopharmaceutical Industry

Mallika Khanna

Anvita Khosla

Esther Gahyun Kim

Jihoon Kim

Tae Yi Kim

Sean Alexandre Klein

Stephan Koeningstfest

Alexander Minghua Koh

Samuel Joseph Kokomoor

Jovin Simon Koller

Justin Tyler Korman

Dimitrios Koutentakis

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In Charge of Charging: Optimizing Overnight Orchestration for Electric Delivery Fleets

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Gayatri Shridhar Kulkarni

Mizuki Kuse

Yoojin Angie Kwon

Arshiya Lal

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Kyubin Lee

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Xinran Li

Anna Liang

Yen-Pin Lin

Yuxiong Lin

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(See also S.M., Course II)
Managing Digital Health Product Portfolios with a First-Principles Systems Framework: MAPPs

Ivori I. Liu

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Seán Brendan Lyne

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Natalie Lain Madden

Juvencio Maeztu Orellana

Lucía Denisse Magot Barrera

Mary Pauline Maguire Robison

Ninad R. Mahajan

(See also S.M., Course II)
Leveraging AI to Streamline Medical Device Post-Market Surveillance

**Marine Catherine Stephanie Arielle
Maisonneuve**

(See also S.M., Course VI)
Stochastic Optimization and Predictive Modeling for Hybrid Distributed Energy Investments in Commercial Buildings

Alina Majeed

Benjamin Maltbie

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Agentic Reinforcement Learning for Competitor-Aware Customer Retention

Taraneh Manesh

Joseph Wojcicki Marchell

Manuel Martínez López Sáez

Juan Daniel Martinez Zuluaga

John Benjamin Martins

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Michael Owolabi Martins	Shota Nakagawa	Hyungjoo Park
Alejandra Mazo González-Choren	Tsukasa Nakamura The Paradox of Maturity: Conditional Effects of Startup Investment	Ishan Paresh Patel (See also S.M., Course II) Quantifying and Optimizing Vehicle Variant Complexity in a Direct-to- Consumer Automotive Business Model
Tafarii Hunter McKenzie	Diversification on Innovation Capacity in Mature Innovation Ecosystems	
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Sara Muñoz Freydell	Megan Christina Nilles	Griffin Dean Potrock
Kendall Joseph Munsey (See also S.M., Course I) A Generative AI Troubleshooting Tool and Adoption Framework for Biopharmaceutical Manufacturing	Kelechi Bright Nwokocha	David Michael Powell
Paula Mariana Muriel Amador	Michael Austin O'Connell	Maci Addison Raine Prescott (See also S.M., Course II) Adaptive Machine Learning for Predictive Maintenance via Integrated Data Architecture
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Raeesa Pradeep Rane	CAT: Coverage-Aware Testing — A Framework for Testing Black-Box ML Systems with Human-AI Collaboration	Julia Frances Snell
Abhilash Rao (See also S.M., Course I) Measuring and Managing Complexity in Manufacturing Systems	Supriya Sanjay	Kathleen Emily Snider
Daniel Raucei Romano (See also S.M., Course XVI) Systems Engineering Meets Manufacturing: Optimizing Mining Equipment Assembly via SEEGOL	Pablo Santolaya Escañuela	Beatriz Amancio Sofal
Tyler John Rauen Zahn (See also S.M., Course XXII) Establishing Operational Altitudes for Nuclear Thermal Propulsion in Earth- Orbit	Ankitha Rao Sarvesh	Rebecca Hali Sostek
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Amit Revivo	Benjamin J. Seeley	Yi Su
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(See also S.M., Course II)
Automating Design-for-Manufacturing
Workflows: Lessons from Composite Ply
Kit Design

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Josefine Jannette Lucia Tijssen
(See also S.M., Course VI)
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Sized Manufacturing Enterprises

Elena Tori

Maxfield Theodore Torke
(See also S.M., Course XXII)
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Long-Duration Storage to Meet Long-
Term CAISO Resource Adequacy
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Cassandra Torres Mason

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Mason von West
(See also S.M., Course II)
Optimizing Inventory under Uncertainty:
Practical Base-Stock Policies for
Manufacturing Firms

Tyler Charles Wiik

Justin Sawyer Winuk

Warisara Wonlopsiri

David Hong Wu
(See also S.M., Course I)
Connected Insights: A Framework for
Quantifying the Financial Impact of
Supply Chain Timeliness

Gloria Jingfan Wu

Nien-Hsin Wu

Qi Wen Wu

Jayant Venkata Wunnava

Victoria Xie

Jiapei Yan

Patrick Henry Yeung

Kevin Yi

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(See also S.M., Course II)
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Interferometer-Based Quality Control in
Contact Lens Manufacturing

Victor Zapparoli de Souza

John Ryan Zeeman
(See also S.M., Course X)
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in Cell Culture Process Characterization

Itamar Zeif

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Zhefu Zhang

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Master of Business Analytics

Course XV-N

Sloan School of Management

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Computer Vision for Drone Detection

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**Master of Science in
Management**
Course XV
Sloan School of Management

Szymon Miron Mironiuk
Balancing Short-Term Revenue and
Long-Term User Retention to Maximize
Lifetime Value in Android Display
Advertising

Master of Finance
Course XV-F
Sloan School of Management

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Taotao Wang
(February, 2026)

Xiaoyan Wang
(February, 2026)

Yize Wang
(February, 2026)

Zihan Wang
(February, 2026)

Zihan Wang
(February, 2026)

Anton Darius Wehlau

Nicholas Wong
(February, 2026)

Zichao Xiang
(February, 2026)

Junwen Xiao
(February, 2026)

Shitong Xiao
(February, 2026)

Jinghan Xu
(February, 2026)

Rei Yamahara
(February, 2026)

Kejing Yu
(February, 2026)

Shun Yu
(February, 2026)

Haoxuan Zhang
(February, 2026)

Ke Zhang
(February, 2026)

Shuhao Zhang
(February, 2026)

Hongyu Zheng
(February, 2026)

Zhichen Zhou
(February, 2026)

Kunyue Zhu
(February, 2026)

Yuening Joyce Zhu
(February, 2026)

**Master of Science in
Management Studies**
Course XV-S
Sloan School of Management

Xiaoyi Cao
USDT as a Shadow Dollar Settlement
Asset: Price Stability and Systemic Risk

Carla Jacqueline Jeannine Choueifaty
The Role Of Institutions In Shaping
Foreign Investment And Returns:
evidence from Lebanon's Golden Age
(1943-1975) and Post-Civil War Era
(1990-Today)

Guillermo Guevara Lopez
Roadmap 2026-2036: Strategic Growth
and Diversification for Dingo Leveraging
Family Business Legacy in the Mexican
Public Utilities Sector

Xiaoting Hiltin Guo
Business Plan for an AI-powered
Accounting SaaS for U.S. Small
Restaurants

Cassie Bingqing Hu
Why Some Chinese Family Enterprises
Thrive While Others Decline: A
Comparative Study on Leadership
Succession and Transformation

Sitong Ji
ROBOX: A Business Plan for an AI
Platform to Design and Deploy Robotic
Workcells

Chak Fai Lam
What Makes REITs Valuable? Evidence
from the U.S., and a Blueprint for China's
Next-Phase Public Commercial REITs

Yi Liu
Evaluating Agentic LLMs for Digital
Asset Investment Research

Sana Madan
Anatomy of a Bank Failure: The Collapse
of Silicon Valley Bank

Zheng Chen Man
From Monoliths to Ecosystems: The
API-Driven Transformation of the Core
Banking Software Industry

Adrianna Marie Marshall
The Importance of Brand in the Family
Enterprise System

Antonio Pio Maude
Private Equity and Corporate
Internationalization: The Golden Goose
S.p.A. Case Study

Karol Michal Nivette
Unit Economics of Shared Mobility:
A Comparative Analysis of Business
Models for Independent Fleet Operators

Ruifeng Ren
Strategic Commercialization of
Personalized Learning Platforms:
Translating AI Capabilities into User
Value

Arthur Louis Felix Schoen
Predicting Series B Funding from Public
Data

Akash Kumar Singh
Bridging Innovation and Market Success:
Strategic Pathways for Commercializing
Emerging Technologies

Max Soderlind
How Generative AI Is Reshaping Early-
Stage Venture Creation in Stockholm

Lorenzo Tiraboschi
AI-Enabled Energy Management:
Using Agentic Systems to Optimize
Grid Utilization, Affordability, and
Electrification

Yifan Wu
Open Rails, Closed Loops: How
Stablecoins Will Reshape Payment
Competition Under the Genius Act

Jiateng Zeng
Business and Financing Strategy
Development for GoBuddy - a C2C
Platform Enabling Social Connection
through Leisure Sports

Mu Zhang

A Comparative Analysis of Cross-Cultural Attention Dynamics in Short-Form Video Marketing of Global Theatre IPs

Sui Kwan Zhong

Onboarding the Algorithm: Licensing Agents for Accountable AI Governance

Xiaoyu Zhou

Integrating Shocks and Drifts into Sustainable Portfolio Construction

Master of Science in Management Research

Course XV

Sloan School of Management

Michael Siwen Caosun

The Negotiator's Dilemma at Scale: Creating Value in Agentic Negotiations

James Monroe Gamble IV

(September, 2025)
Asset Limits, Savings Behavior, and Welfare: Evidence from a Life-Cycle Model

Moksh Garg

(February, 2026)
Cracks of Opportunity: Unveiling the Impact of Misconduct Disclosure on Workers' Careers

Brice Cattell Green

(September, 2025)
Analyst Expectations

Robin Wooyeong Na

(February, 2026)
Limits of Literature-Conditioned Large Language Models for Predicting Behavioral Experiments

Soohyun Roh

(September, 2025)
From Wallets to Wages: Consumer Income, Job Design, and Pay Disparities

Changlan Wang

(February, 2026)
When Negotiation Hurts and When it Doesn't: Relational Consequences of Negotiation in Rental Markets

Joshua Paul White

Increasing the Effectiveness of Charitable Giving Using Human-AI Dialogues

Xin Xiong

(February, 2026)
What Do Large Factor Models Learn? Self-Induced Regularization, Cost of Overfitting, and Self-Adaptivity

Hongyu Yao

(September, 2025)
Patent Visibility and the Diffusion of Trapped Knowledge: Evidence from US Grants

Master of Science in Operations Research

Sloan School of Management in conjunction with the Schwarzman College of Computing

Julia Renee Allen

(February, 2026)
Planning EV Charger Placements with Heterogeneous Charging Technologies

Shauna Seoyeong Kwag

Reading the Room: Reverse Engineering FDA Decision-Making Using Large Language Models

SCHOOL OF SCIENCE

Master of Science in Chemistry

Course V

Department of Chemistry

Aaron Jeffrey Petty

(February, 2026)

Probing the Logic of DnaJB6

Oligomerization

Master of Science in Biology

Course VII

Department of Biology

Alejandra Ramos

Oxidative Proteoethargy as a Pathogenic Mechanism: Linking Reactive Oxygen Species to Protein Mobility in Human Disease

Nicholas Nathan Rotello-Kuri

(September, 2025)

Inferring Position-Dependent Splicing Factor Activity from Intronic Sequence Conservation

Master of Science in Physics

Course VIII

Department of Physics

James Carroll McGreivv

(September, 2025)

Tree and Graph Structured Knowledge Retrieval for Large-Scale Scientific Corpora - Applications to Experimental Particle Physics

Anna Mary Simpson

(February, 2026)

A Numerically Tolerant Formulation of the Amplification Factor Transport Transition Model

Master of Science in Brain and Cognitive Sciences

Course IX

Department of Brain and Cognitive Sciences

Gun Ahn

Artificial Intelligence Prediction of Individual Treatment Response to Smartphone-Based Mindfulness in Autistic Adults with Anxiety Symptoms: A Randomized Controlled Trial Analysis

Izabelė Jonušaitė

(September, 2025)

Ad Hoc Theories: Cognitive Flexibility and Computational Constraints

Daniel Leible

(September, 2025)

Integrative Spatial Technologies for Mapping Axonal Vulnerability in Alzheimer's Disease

Junior Chinomso Okoroafor

Motivated Planning under Uncertainty: The Computational and Cognitive Mechanisms of Procrastination

Master of Engineering in Computation and Cognition

Course VI-9

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

Samar Abu Hegly

(September, 2025)

Blocks Without Barriers: Making Blockly Accessible for Blind and Visually Impaired Students

Claire E. Camacho

Enhancing Cultural Context in Chain-of-Translation Systems for Low-Resource Languages

Alicia Siyi Chen

Evaluating the Role of Expected Value and Informational Uncertainty in Early Modal Cognition

Sydney Say Hee Chun

(September, 2025)

Concentric Image Similarity in Humans and Vision Models

Renee Y. Ge

(February, 2026)

Evaluating Layer-Sharing in Transformers for Language and Reasoning Tasks

Evan Hong

Neural Dynamics of Evidence

Accumulation in Autism-Relevant Brain Circuits

Anka Hu

(September, 2025)

What You Learn from What You Can Never Know: Inferring about Knowledge and Competence from Mental Proofs

Gloria H. Kang

Characterizing Frontal EEG during Electroconvulsive Therapy for Major Depressive Disorder

Jack G. King

From Cognitive Maps to Task Control: Structure-Content Factorization in a Circuit Model of Continual Learning

Jada J. Li

Multimodal ML for Clinical Diagnosis of Autism Spectrum Disorder with GRPO Training

Jessica J. Lu

Interpreting Machine Learning Based CFD Surrogates for Airfoils with Manufacturing-Induced Geometry Variability

Edgar A. Morfin

Modality Extraction to Improve Performance of Multimodal Models for Autism Diagnosis

Rachel Jueun Park

Repo2SIF: Automated Generation of HPC Cluster-Compatible Artifacts from Research Code Repositories

Tara S. Sarma

(February, 2026)

Analysis of Compositionality in Transformers

Eli Michael Scharf
Towards Open-Set Affordance Learning:
Dataset, Models, and 3D Scene Graph
Integration

Nicole Z. Shigiltchoff
Prospective Validation and
Interpretability of PrismNN Model for
Earlier and More Accurate Diagnosis of
Pancreatic Ductal Adenocarcinoma

Lucas Shoji
Co-Maintenance of Belief and
Commitment in Neural Population
Dynamics

Josleen Q. St. Luce
Improving Acute Traumatic Brain Injury
Point-of-Care through Diffusion Tensor
Imaging

Bennett L. Stankovits
(February, 2026)
Developing an Online Framework to
Evaluate Intracranial Brain Data on
Naturalistic Stimuli

Ella F. Tubbs
Interpreting Mechanisms of 40 Hz
Sensory Stimulation: Evidence from
Temporal Structure, Salience, and
Modality Manipulations

Alicia Yang
(February, 2026)
Characterizing Distinct Astrocyte
Populations in Cerebrovasculature
Function

Andrii Zahorodnii
(February, 2026)
Noninvasive Selective Activation and
Suppression of the Human Brain with
Natural Images

Katherine S. Zeng
Diagnosis-Specific Physiological
Instability Prediction via Multimodal
Fusion of Biosignals from Wearable
Devices

Jocelyn Sun Zhu
Debunking Conspiracy Theories at Scale:
An LLM-Powered Field Experiment on
TruthSocial

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

Helena Anne McDonald
(February, 2026)
(See also S.M., Technology and Policy
Program)
Mitigation of Launch Vehicle Emissions
Environmental Impacts through Global
Modeling with Observational Constraints

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

Maurielle Isabella Noto
Global Valley Widths on Mars

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

Tino Guillaume Damiani
(September, 2025)
Energetics of Non-Resonant Pilot-Wave
Hydrodynamics

AWARDED JOINTLY WITH THE WOODS HOLE OCEANOGRAPHIC INSTITUTION

Master of Science in Mechanical Engineering

Faith Katrien Brooks

Course II
(September, 2025)
The Effect of Breaching on Coastal Pond Water Quality

John Paul Morrison

Course II
(September, 2025)
Certifiable Cooperative Localization for Underwater Navigation

Andrew J. Motz

Course II
(September, 2025)
SLAM for Structured Environments Using Mechanically Scanned Imaging Sonar

Ellen M. Mulé

Course II
(September, 2025)
Reachability Prediction and Optimal Path Planning for Autonomous Ocean Vehicles

Master of Science in Electrical Engineering and Computer Science

Elizabeth Ann Gower

Course VI
(September, 2025)
Development of Low-Cost In Situ Gas Sensors for Oceanographic Applications

Master of Science in Biological Oceanography

Kela I. Bakari

Course VII
(February, 2026)
The Tide is High: Tidally-Associated Genetic Markers of an Invasive Coastal Crab in the Northwest Atlantic

Master of Science in Chemical Oceanography

Fadime Renée Stemmer

Course XII
(September, 2025)
The Exo-Proteomic Framework for Nitrogen Acquisition from Proteinaceous Organic Matter in the Model Marine Heterotroph *Ruegeria Pomeroyi* DSS-3

Master of Science in Marine Geology and Geophysics

Namitha Kumar

Course XII
Hydrogen Variability in Abyssal Peridotites: Implications for Rehydration Processes in the Residual Oceanic Lithosphere

Master of Science in Physical Oceanography

Lilli Evelyn Hirth

Course XII
(September, 2025)
Air-Ice-Ocean Interactions under a Summer Arctic Cyclone: Observations from Two Ice-Tethered Profilers

Keefe Wynn Rafferty

Course XII
(September, 2025)
Characterization of the East China Sea Continental Shelf Circulation Northeast of Taiwan Surrounding Mien-Hua Canyon

Master of Science in Aeronautics and Astronautics

Shashank Swaminathan

Course XVI
(September, 2025)
Distributed Exploration under Limited Communication and Resources

SCHOOL OF ARCHITECTURE AND PLANNING, DOCTORAL

Doctor of Philosophy

School of Architecture and Planning

Amira Abdel-Rahman

(September, 2025)

Thesis in the field of Media Arts and Sciences: Inverse Discrete Design

Maitha Almazrooei

Thesis in the field of Architecture: History and Theory of Architecture submitted to the Department of Architecture: Where Fragrance Meets Form: The Abbasid Case (750-1258)

Abdulrahman Alotaibi

(September, 2025)

Thesis in the field of Media Arts and Sciences: Advanced Federated Learning Algorithms Leveraging Selective Forgetting for Data-Constrained Environments

Nicholas Craig Barry

(February, 2026)

Thesis in the field of Media Arts and Sciences: Tools for Scaling Neuroscience

Lauren Camron Blackburn

Thesis in the field of Media Arts and Sciences: Zeptojoule Computing: Superconducting Adiabatic Logic for Scalable Energy-Efficient Hardware

Tara Boroushaki

(September, 2025)

Thesis in the field of Sensing Technologies: RF-Visual Perception with Applications to Mobile Sensing, Robotics, & Augmented Reality

Lidia Cano Pecharroman

(September, 2025)

Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Human & Other than Human Participatory Planning for Climate Adaptation

Ayush Chopra

Thesis in the field of Media Arts and Sciences: Population AI: Modeling Societies of Interacting Agents

Patrick Chris Chwalek

(September, 2025)

Thesis in the field of Media Arts and Sciences: A New Lens on Life: Cross-Contextual Sensing Technologies from Human Insights to Wildlife Conservation

Narao Coretti Sanchez

(September, 2025)

Thesis in the field of Media Arts and Sciences: Shared Autonomous Micro-Mobility: Evaluating Fleet Performance, Operational Strategies, and Sustainability

Daniella Elena DiPaola

Thesis in the field of Media Arts and Sciences: AI Literacy as Civic Literacy: Developing Youth as Responsible Citizens in a World with AI

Allan dos Santos Costa

(February, 2026)

Thesis in the field of Media Arts and Sciences: A Geometric Deep Learning Framework for 3D Biomolecular Compression, Generation, and Accelerated Simulation

Samuel Dubois

Thesis in the field of Architecture: History and Theory of Architecture submitted to the Department of Architecture: ARCTIC MODERNITIES: Architecture and Transcultural Heritage in Inuit Nunangat (Arctic Canada), ca. 1851–1960

Kiley Anne Feickert

(September, 2025)

Thesis in the field of Architecture: Building Technology submitted to the Department of Architecture: Leveraging Design to Build with Less: Evaluating the Embodied Carbon Reduction Potential of Architectural Design Across Scales

Suyash Pradeep Fulay

(February, 2026)

Thesis in the field of Media Arts and Sciences: Language Models to Understand, Reflect, and Address Social Fragmentation

Anisha Gade

(February, 2026)

Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Bridging the Logics of Technocracy and Communitarianism: Translational Micropractices in Housing and Urban Development

Kettner Griswold, Jr.

(February, 2026)

Thesis in the field of Media Arts and Sciences and Synthetic Biology: Tandem Display for Library-on-Library Protein Interactions Screens

Ishaan Grover

(September, 2025)

Thesis in the field of Media Arts and Sciences: Learning to Teach: Models for Semantic and Adaptive Personalization of AI Tutors

Enjoli Dominique Hall

(September, 2025)

Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Healing the Postindustrial City: Black Grassroots Organizing, Health Care and Urban Revitalization in Buffalo, 1960s-1970s

Burton John Hanly

(February, 2026)

Thesis in the field of Architecture: History and Theory of Architecture submitted to the Department of Architecture: The Environmental Professionals: Architecture, Regulation, and the American Landscape

Jesus Guillermo Herrera Arcos

(February, 2026)

Thesis in the field of Media Arts and Sciences: Building a Digital Nervous System: Bioengineering Neuromuscular Interfaces for Biohybrid Brain-body Closed-loop Neural Prostheses

Jason Frank Hou

Thesis in the field of Media Arts and Sciences: Seeing and Shaping: Advanced Theranostic Ultrasound Modalities for Neural Imaging, Modulation, and Delivery

Margaret Ann Hughes

Thesis in the field of Media Arts and Sciences: Designing Data Infrastructure for Relational Civic Practices

Shivam Nitin Kajale

(February, 2026)

Thesis in the field of Media Arts and Sciences: Field-Free Room Temperature van der Waals Spintronics

Wakanene Kamau

(February, 2026)

Thesis in the field of Media Arts and Sciences: Towards Rodent Genetic Biocontrol

Wonjune Kang

Thesis in the field of Media Arts and Sciences: Voice-Centered AI Systems for Analyzing and Exploring Spoken Discourse

Joris Daniel Komen

Thesis in the field of Architecture: Design and Computation submitted to the Department of Architecture: The Mananga Protocol: Quantitative Methods for Wildlife - Built Environment Interaction

Janghyun Lee

(September, 2025)

Thesis in the field of Architecture: Building Technology submitted to the Department of Architecture: Geometric Interpretations of Structural Demand for the Analysis and Reduction of Design Complexity

Delanie Joy Linden

(September, 2025)

Thesis in the field of Architecture: History and Theory of Art submitted to the Department of Architecture: Other Colors: Chroma, Chemistry & the Orient in Nineteenth-Century French Painting

Shayne Redford Longpre

Thesis in the field of Media Arts and Sciences: From Data to Intelligence: Shaping, Scaling, and Scrutinizing AI Systems

Manu Ponnappati Lynch

Thesis in the field of Media Arts and Sciences: AI-Driven Protein Design: Predictive Modeling, Generative Design, and Agentic Workflows

Mohammad Omar Masud

Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Inside the App Bureaucracy: The Use of Smartphone Apps in Public Service Delivery Organizations in Pakistan

Sarah Mokhtar

Thesis in the field of Architecture: Building Technology submitted to the Department of Architecture: Learning and Computing the Built Environment: Expressive and Versatile Representations for Scalable and Actionable Performance Feedback

Prathima Muniyappa

(September, 2025)

Thesis in the field of Media Arts and Sciences: Designing the CthulhuCosmos: Toward a Speculative Cosmopolitics of Indigenous Epistemology in Space

Jake Robert Read

Thesis in the field of Media Arts and Sciences: The End of GCode: Intelligent Modular Machines with Model Based Control

Yasushi Sakai

(September, 2025)

Thesis in the field of Media Arts and Sciences: A New Town Scale Consensus: Propagational Voting in Urban Decision Making

Brandon O. Scott

Thesis in the field of Architecture: History and Theory of Architecture submitted to the Department of Architecture: The American Grove: On 19th Century Vegetal Aesthetics

Jocelyn J. Shen

Thesis in the field of Media Arts and Sciences: Socially Intelligent AI for Human Connection

Phoebe Anne Carroll Springstubb

(September, 2025)

Thesis in the field of Architecture: History and Theory of Architecture submitted to the Department of Architecture: The Inhabited Arctic: Architecture, Time, and the Making of the Past in the Bering Strait (1760-1980)

Nada Tarkhan

Thesis in the field of Architecture: Building Technology submitted to the Department of Architecture: Urban Thermal Preparedness: Measuring and Mapping Indoor Heat Risk under Climate Extremes

Nina Rose Wexelblatt

(September, 2025)

Thesis in the field of Architecture: History and Theory of Art submitted to the Department of Architecture: Remote Control: Art, Technology, and the Politics of Distance (1966-1972)

Shubham Yadav

(February, 2026)

Thesis in the field of Media Arts and Sciences: Bridging the Invasiveness-Precision Gap: Autonomous Biohybrid Nanoelectronics Enable Surgery-Free Focal Neuromodulation

Walter Edward Zesk

Thesis in the field of Architecture: Design and Computation submitted to the Department of Architecture: Adaptive Coastal Management for Atoll Islands

SCHWARZMAN COLLEGE OF COMPUTING, DOCTORAL

Doctor of Philosophy

Schwarzman College of Computing

Hammaad Haroon Adam

(September, 2025)

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: Data-Driven Methods for Health Equity

Carlo Guhit Duffy

Thesis in the field of Social and Engineering Systems submitted to the Institute for Data, Systems, and Society: Essays on Anomaly Detection and Referral Behavior Among Medicare Providers

Xinyi Han

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: When-If Decisions from Data

John Christopher Hays

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: Statistics and Strategic Behavior in Data-Driven Decision Systems

Shomik Jain

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: AI Homogenization in Decision-Making and Alignment

Elijah Joseph Pivo

Thesis in the field of Social and Engineering Systems submitted to the Institute for Data, Systems, and Society: A Holistic Approach for the Simulation, Evaluation, and Design of Organ Transplantation Policies in the U.S.

Michelle Anna Vaccaro

Thesis in the field of Social and Engineering Systems submitted to the Institute for Data, Systems, and Society: Human-AI Combinations: Evidence, Theory, and Methods for Evaluating Interaction

Emily Jane Williams

Thesis in the field of Computational Science and Engineering: Stochastic and Generative Modeling for Multiscale Chaotic Differential Equations

Xinyi Wu

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: Understanding and Improving Modern Learning Systems through Graphs

Aurora Shingshing Zhang

Thesis in the field of Social and Engineering Systems submitted to the Institute for Data, Systems, and Society: Quantitative Models of Structural Racism

Feng Zhu

Thesis in the field of Social and Engineering Systems and Statistics submitted to the Institute for Data, Systems, and Society: Sequential Decision-Making in the Era of Intelligence: Safety, Resilience, and Nonstationarity

SCHOOL OF ENGINEERING, DOCTORAL

Doctor of Science

School of Engineering

Coleman Dillinger Fincher

Thesis in the field of Materials Science and Engineering: Electrochemical Embrittlement of Solid Electrolytes

Colin Thomas Gilgenbach

Thesis in the field of Materials Science and Engineering: Enabling Multislice Electron Ptychography for Materials Science

Joseph C. Griffin

Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Feedback-Based Reliable Communication with Guesswork Decoders

Doctor of Philosophy

School of Engineering

Waleed Akbar

Thesis in the field of Electrical Engineering and Computer Science: Foundations for Battery-Free Subsea IoT: Theory, Backscatter Systems, and Imaging

Benjamin Allsup

Thesis in the field of Biological Engineering: Molecular Measurements of the Phagosome

Aziza Almanakly

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Quantum Networking Using Waveguide Quantum Electrodynamics

Sarah Abdulaziz Alnegheimish

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Machine Learning Systems for Unsupervised Time Series Anomaly Detection

Alexandre Olivier Amice

Thesis in the field of Electrical Engineering and Computer Science: Strong Convex Relaxations and Tailored Conic Solvers with Applications in Robotics

Laurentiu Lucian Anton

Thesis in the field of Electrical Engineering and Computer Science: SBO-Flow: A Framework for Auditable, Data-Driven AC Optimal Power Flow Studies, with Decision Support Applications in Grid Decarbonization and Resilience

Soroush Araei

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Reconfigurable and Interference-Tolerant Receivers for Next-Generation Wireless Systems

Christian Michael Alexander Arnold

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Building Helpful Agents for Human Collaboration: An Exploration of LLM Understanding, Contextual Reasoning, and Information Security

Farid Adrien Marcel Arthaud

Thesis in the field of Electrical Engineering and Computer Science: Computational, Deductive, and Entropy Bounds in Game Theory and Decision Theory

Ignacio Martín Arzuaga García

(September, 2025)
Thesis in the field of Engineering Mechanics submitted to the Department of Civil and Environmental Engineering: Mechanisms of Interaction Between Hydraulic and Natural Fractures in Shale Rocks

Lamia Ateshian

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Probing the Magnetic-Field Dependence of Noise in Superconducting Qubits

Advait Athreya

(September, 2025)
Thesis in the field of Computational and Systems Biology: Building the 3D Genome from the Ground Up: Local Interactions Give Rise to Global Order

Lucas Attia

Thesis in the field of Chemical Engineering: Engineering Drug Nanoparticle Structure and Function for Bioavailability Enhancement

Jacqueline Ewura Esi Baidoo

(September, 2025)
Thesis in the field of Materials Science and Engineering: Why Landfills Endure: Quantifying Economic Barriers to Material and Energy Recovery from Municipal Solid Waste in the United States

Aparna Balagopalan

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Operationalizing Reliable Machine Learning: From Data Collection to Model Presentation

Barathkumar Baskaran

Thesis in the field of Chemical Engineering: Formation, Destruction, and Adsorption of *N*-nitrosamines in Water Treatment Systems

Emma Kate Batson

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Counting Events in Superconducting Magnesium Diboride and Niobium Nitride Thin-Film Strips

Taylor Elise Baum

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Real-Time Inference and Adaptive Closed-Loop Control of the Cardiovascular System

Adam Matthew Beitz

(September, 2025)
Thesis in the field of Chemical Engineering: Molecular Mechanisms Defining and Driving Receptivity in Conversion of Fibroblasts to Motor Neurons

Jonathan Tae-Yoon Bessette

(February, 2026)
Thesis in the field of Mechanical Engineering: Control, Design, and Field Validation of Photovoltaic Electrolysis Desalination Systems for Decentralized Applications

Alexander Bevacqua

Thesis in the field of Biological Engineering: High-Recovery Harvesting of Viral Vectors using Spiral Inertial Microfluidic Technology

Maanasa Bhat

(September, 2025)
Thesis in the field of Mechanical Engineering: Low-Cost and Low Emissions Strategies for Implementation of Hydrogen as Next Generation Fuel

Harsh Girishbhai Bhundiya

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: Rapid In-Space Assembly and Manufacturing of Large Reticulated Truss Structures

Michael Bichnevicius

(September, 2025)
Thesis in the field of Mechanical Engineering: Methane Pyrolysis

Zoey Bigelow

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: MAG-3D: Monolithic 3D Printing of Permanently Magnetized Components

Sayandeep Biswas

(February, 2026)
Thesis in the field of Chemical Engineering: Hydrogen Carriers: A Path Forward

Mason Ramai Black

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: Space Optical Interferometry for High-Resolution Coherent Imaging of Astronomical Objects

Morgan Grace Blevins

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Engineering Linear and Nonlinear Light-Matter Interaction in Topological Semimetals

Akhilan Boopathy

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Towards High-Dimensional Generalization in Neural Networks

Elena Botica Artalejo

Thesis in the field of Materials Science and Engineering: Rapid Evaluation of Primary Radiation Damage Resistance in Dual-Phase Solid Solution Alloys

Ajay Rajendra Brahmakshatriya

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Democratizing High-Performance DSL Development with the BuildIt Framework

Anna Elizabeth Brenner

Thesis in the field of Chemical Engineering: Development and Evaluation of Catalytic Systems for Polyolefin Deconstruction

John Peterson Bryan

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Computational Spatial Transcriptomics: Optimization, Models, Structure

Angel Bu

Thesis in the field of Mechanical Engineering: In Vitro Models to Study Exercise Impact on the Neuromuscular System

Nicolette Anna Bugher

(September, 2025)
Thesis in the field of Environmental Engineering Science submitted to the Department of Civil and Environmental Engineering: Chemical Exposures in Drinking Water: Contaminant Analysis and Physicochemical Behavior

Thomas Butruille

Thesis in the field of Mechanical Engineering: Multiscale Impact Behavior of 3D Lattices: Experiments, Simulation, and Predictive Modeling

Drew Edward Buzzell

(September, 2025)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Understanding and Improving Li Kinetics in Thin Film Lithium Titanate

Wande Cairang

Thesis in the field of Nuclear Science and Engineering: Simultaneous Irradiation and Dissolution-Corrosion of Alloys in Liquid Metals: Degradation Mechanisms and Materials Solutions

Christopher Thomas Canova

(See also M.B.A., Course XV)
Thesis in the field of Chemical Engineering Practice submitted to the Department of Chemical Engineering: Mechanistic Modeling of Viral Particle Production

Yifan Cao

(September, 2025)
Thesis in the field of Computational Materials Science and Engineering submitted to the Department of Materials Science and Engineering: Atomistic Insights into Alloy Solidification Using Machine-Learning Potentials

Stephen Casper

Thesis in the field of Electrical Engineering and Computer Science: Model Tampering Methods for Adversarial Training and Testing

Matteo Castellani

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Superconducting Nanowire Electronics for Single-Photon Detector Control and Readout

João Vítor Cavalcanti Vilela

(September, 2025)
Thesis in the field of Optimization and Control submitted to the Department of Aerospace Engineering: Adaptive Optimization Algorithms for Step-Size Selection and Online Problem Parameter Estimation

Shaylin Ashley Cetegen

(September, 2025)
Thesis in the field of Chemical Engineering: Techno-Economic Assessment of Grid-Scale Energy Storage Technologies under Evolving Market and Decarbonization Scenarios: Liquid Air and Lithium-Ion Battery Systems

Makram Chahine

Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Dynamical Systems Perspectives on Efficient Physical Intelligence

Uttara Chakraborty

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Techniques for Reliability and Robustness in Integrated Electronic and Photonic Systems

Bianca Champenois

(February, 2026)
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Physics-Driven Machine Learning for Applications in Geophysical Fluid Dynamics

Yun Chang

(September, 2025)
Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Large-Scale Multi-Robot Spatial Perception

Boyuan Chen

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Video as the Language of Embodied Intelligence

Justin Yu-wei Chen

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Marrying Worst-Case Analysis and Machine Learning

Xibi Chen

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Terahertz Needle Beam Forming Transceiver Systems Based on Advanced Packaging and Massive Chiplet Integration

Yishen Chen

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Vectorizing Complex Programs for Modern Architectures

Zhibo Chen

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: Aft Fuselage Boundary-Layer Ingesting Propulsion Systems for Turbo-Electric Aircraft

Itamar S. Chinn

Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Discovering, Optimizing and Designing Novel Proteins

Yehlin Cho

Thesis in the field of Polymers and Soft Matter submitted to the Department of Materials Science and Engineering: Joint Modeling of Structure and Sequence for Protein Binder Design and Stability Prediction

Ian Robert Christen

(September, 2025)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Integrated Photonic Acceleration of Atomic Systems

Yue Zhi Russ Chua

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Neuroimaging Foundation Model

Yung-Sung Chuang

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Towards Factual and Trustworthy Large Language Models

Alexander Ethan Cohen

(February, 2026)
Thesis in the field of Chemical Engineering and Computation: Methods for Learning and Controlling Dynamical Models of Physical Systems from Limited Data with Applications in Science and Engineering

Matthew Nicholas Corrado

Thesis in the field of Aeronautics and Astronautics: Studies on Thrust Density in Ionic Liquid Electrospray Thrusters

Jianqiao Cui

(September, 2025)
Thesis in the field of Chemical Engineering: Engineering Single-Walled Carbon Nanotube Corona Phase for Molecular Recognition and Plant Nanobionics

Yufei Cui

Thesis in the field of Biological Engineering: Antigen Presentation at the Tumor:Immune Interface in Glioblastoma

Camille Elisabeth Cunin

Thesis in the field of Polymers and Soft Matter submitted to the Department of Materials Science and Engineering: Organic Transistors for Soft Electronics

Alicia D. D'Souza

(September, 2025)
Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Signaling at the Tumor-Immune Interface in Glioblastoma

Mary Dahl

(February, 2026)
Thesis in the field of Aeronautics and Astronautics: Autonomous and Dynamic Satellite for Improved Cloud Observation

Kexin Dai

(February, 2026)
Thesis in the field of Chemical Engineering: Development of Small Angle Neutron Scattering Tools for Probing the Phase-Behavior and Self-Assembly of Sequence-Defined Polymers

Khoi Phuong Dao

Thesis in the field of Materials Science and Engineering: Low-Thermal-Budget Material Integration for Silicon Photonics

Tyler Thuyet Dao

Thesis in the field of Biological Engineering: Dissecting Intra- and Inter-Cellular T Cell Circuits for Effective Immune Response

Jonathan Jerald Daus

Thesis in the field of Mechanical Engineering: Magneto-hydrodynamic Annular Linear Induction Propulsor Modeling and Simulation Development for Undersea Vehicles

Ryan de Freitas Bart

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: A Framework for Agile Development of Reusable Space Systems

Maximilien Fadi Debbas

(September, 2025)
Thesis in the field of Quantum Science and Engineering submitted to the Department of Nuclear Engineering: Electronic Phases in Crystalline Lanthanide Systems

Catherine Marin Della Santina

Thesis in the field of Biological Engineering: Engineering Optical Tools to Study Mammalian Systems - An Investigation of High Refractive Index Proteins in Living Cells and Demonstration of Footprint-Free Stem Cell Reporter Lines

Ippolyti Dellatolas

(September, 2025)
Thesis in the field of Mechanical Engineering: Mechanics and Dynamics of Composite Soft Materials

Louis DeRidder

(February, 2026)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: A Closed-Loop Drug Delivery System for Personalized Drug Dosing

Lalita Devadas

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Modern SNARGitecture: New Constructions of Succinct Non-interactive Arguments

Alexis Rustam Louis Devitre

(September, 2025)
Thesis in the field of Nuclear Science and Engineering: Key Factors Controlling the Radiation Tolerance of REBCO Tapes in a Nuclear Fusion Environment

Somayajulu Dhulipala

Thesis in the field of Mechanical Engineering: Scalable Fabrication and Geometry-Guided Design of Architected Materials

Fabian Jau-shiuen Dickhardt

Thesis in the field of Mechanical Engineering: Electrifying Separation Processes for a Sustainable Energy Value Chain

Tom McGlennon Dillon

Thesis in the field of Mechanical Engineering: Ultrasound-Driven Augmented Reality for Streamlining of Minimally Invasive Vascular Surgery

Bhavish Dinakar

(September, 2025)
Thesis in the field of Chemical Engineering: Unifying Electric Field-Mediated Heterogeneous Catalysis

Jiahao Dong

Thesis in the field of Materials Science and Engineering: Fundamentals and Device Applications of Deep Level Defects in Wide- and Ultra-Wide Bandgap Semiconductors

Brittany Ann Dorn

Thesis in the field of Chemical Engineering: Tuning Oncogenic Signaling Landscapes to Drive Efficient Reprogramming to Motor Neurons

Griffin Stewart Drake

(February, 2026)
Thesis in the field of Chemical Engineering: Development of Reactor and Analytical Systems for the Improved Study of Polyolefin Hydroprocessing

Xiaochen Du

Thesis in the field of Chemical Engineering and Computation: Machine Learning for Atomistic Modeling and Sampling of Material Interfaces and Lattices

Yuqin Duan

Thesis in the field of Electrical Engineering and Computer Science: Atomically-Precise Characterization of Quantum Devices through Physics-Informed Modeling

Lauren Renée Duhamel

(September, 2025)
Thesis in the field of Biological Engineering: Engineering Strategies to Segregate CD45 for Cancer Immunotherapy

Sarah Marie Duquette

Thesis in the field of Biological Engineering: Characterization of Cytotoxic T Cell Buoyant Mass as a Biomarker of Immune Checkpoint Blockade Response

Logan G. Engstrom

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Foundations for Reliable ML: Data, Algorithms, and Evaluations

Hasan Sabri Melihcan Erol

Thesis in the field of Electrical Engineering and Computer Science: Three Shades of Contrastive Learning

Nathan Timothy Ewell

Thesis in the field of Chemical Engineering: Design and Development of Electrospun Nanofiber Filter Media for Filtering Facepiece Respirators

Wei Fang

Thesis in the field of Electrical Engineering and Computer Science: Towards Scalable and Generalizable Agentic Large Language Models

Xiaolin Fang

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Generalizable Robot Manipulation through Unified Perception, Policy Learning, and Planning

Michael Frederick Fernandez

Thesis in the field of Mechanical Engineering: Neural Interfaces Preserve Sensorimotor Dynamics and Promote Functional Limb Restoration Following Transradial Amputation

Elizabeth Anne Fink

Thesis in the field of Chemical Engineering: Spatiotemporal Engineering of Cancer Immunotherapy

Maxwell K. Fishelson

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Reliable Learning for Adaptive Environments

Marie Anna Floryan

Thesis in the field of Mechanical Engineering: Engineered Microvascular Models to Elucidate Flow-Driven Processes in Cancer Metastasis

Hayley Ford

(February, 2026)
Thesis in the field of Chemical Engineering: Genetic Modifications and Other Tools for the Enhancement and Optimization of Recombinant Protein Manufacturing in *Komagataella phaffii*

Jenna Claire Fromer

Thesis in the field of Chemical Engineering: Optimization Approaches to Algorithmic Decision Making in Molecular Discovery

Rickard Brüel Gabriëlsson

Thesis in the field of Electrical Engineering and Computer Science: Feature Learning for Foundation Models Across Tasks, Modalities, and Scales

Amelia T. Gagnon

Thesis in the field of Humans in Aerospace submitted to the Department of Aeronautics and Astronautics: Functional Near Infrared Spectroscopy (fNIRS) for Assessing Mental Workload of Humans in Terrestrial and Microgravity Environments

Turga Ganapathy

(September, 2025)
Thesis in the field of Photobioreactor Engineering submitted to the Department of Mechanical Engineering: Seeing Spirulina: Within, Between, and Beyond Institutional Research

Chinmay Shripad Gangal

Thesis in the field of Chemical Engineering: Molecular Simulations of Crystallizable Polymers under Flow

Zhengqi Gao

Thesis in the field of Electrical Engineering and Computer Science: Intelligent Design Automation for Integrated Electronic and Photonic Systems

Andres Garcia Jimenez

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: Tribochemistry of Frictional Ignition in High-Pressure Oxygen

Seyed Khashaiar Gatmiry

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Understanding and Overcoming Optimization Barriers in Non-Convex and Non-Smooth Machine Learning

Declan Benedict Gaylo

(February, 2026)
Thesis in the field of Ocean Engineering submitted to the Department of Mechanical Engineering: Air Entraining Bubbly Flows Driven by Strong Free-Surface Turbulence

Chloe Marie Restitude Gentgen

(February, 2026)
Thesis in the field of Aeronautics and Astronautics: Robust and Adaptive Mission Design for Planetary Science in Uncertain Environments

Adam Matthew Gierlach

Thesis in the field of Electrical Engineering and Computer Science: Ingestible Electronics for Gut Modulation and Targeted Therapies

Samuel Dutra Gollob

(February, 2026)
Thesis in the field of Mechanical Engineering: Versatile Untethered Pneumatic Power: A Propellant-Based Engine Architecture and Design Framework

Victoria Fransisca Gomerdinger

Thesis in the field of Chemical Engineering: Targeted Layer-by-Layer Nanoparticles for Therapeutic Delivery to Antigen Presenting Cells and Ovarian Cancer

Dennis Hua Gong

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Understanding Treatment Resistance and Residual Disease in Pancreatic Adenocarcinoma

Akiva Gershon Reingold Gordon

(September, 2025)
Thesis in the field of Chemical Engineering: Chemical and Structural Optimization of Lipid Nanoparticles for Pulmonary and Other Delivery

Fiona Rose Grant

(September, 2025)
Thesis in the field of Mechanical Engineering: Product Architectures for Solar-Powered Drip Irrigation (SPDI) Systems in the Middle East and North Africa

Alec Freeland Greco Agee

Thesis in the field of Chemical Engineering: Improved Biosensing through Engineered Microbe-Electrode Interfaces

Katarzyna Anna Grzelak

(September, 2025)
Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Engineering Perfusible Vascular Networks Using Exogenous Electrical Stimulation

Chenghao Guo

Thesis in the field of Electrical Engineering and Computer Science: Signal Recovery on Random Graphical Models

Nikhil Z. Gupta

(September, 2025)
Thesis in the field of Materials Science and Engineering: Multifunctional Fibers for Sensing and Computing in Distributed Fabric Networks

Sarah Gurev

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Learning from Pre-Pandemic Data to Design and Test Future-Proof Therapeutics

Dat Quoc Ha

Thesis in the field of Civil and Environmental Engineering: Advancing Topology Optimization through Integrating Human and Machine Knowledge

Joe Bahij Hakim

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Clinical Applications of Causal Inference, Machine Learning, and Pharmacovigilance Safety Guardrails

Assil Anis Halimi

(February, 2026)
Thesis in the field of Nuclear Science and Engineering: Integrating Design Strategies and Economic Tools for Enhanced Pressurized Water Reactor Performance

Pouya Hamadani

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Causal Simulation and In-Situ Learning for Engineered Networks

Lelia Marie Hampton

Thesis in the field of Electrical Engineering and Computer Science: Leveraging Machine Learning to Advance Health and Environmental Equity

Jordan Beckwourth Harrod

Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Impact of Sleep-Related Factors in Alzheimer's Disease

Della Himmelstein Hendrickson

Thesis in the field of Electrical Engineering and Computer Science: Simpler Hardness Proofs via Gadget Frameworks

Amin Heyrani Nobari

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Generative Optimization: Addressing Precision In Generative AI For Engineering Design

Jesse Hinricher

(February, 2026)
Thesis in the field of Materials Science and Engineering: Lithium Garnet Development and Advances for Use in Next-Generation Solid-State Batteries

Steven Matthew Hoak

(February, 2026)
Thesis in the field of Nuclear Science and Engineering: Mitigating Localized Overheating Using Flow Optimization and Magnetohydrodynamic Power Augmentation in HALEU-Fueled NTP Systems

Alexis Mackenzie Hocken

(February, 2026)
Thesis in the field of Chemical Engineering: Enhancing the Mechanical Recycling of Plastics

Kyle Lee Hogan

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Bespoke Threat Models: Achieving Realistic Privacy Guarantees for Deployed Protocols

Aspen Kennedy Hopkins

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Latent Levers: Representation-Guided Control For AI Supply Chains

Amanda Claire Hornick

(February, 2026)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Multiplexed, High-Throughput Serum Assays Using Lentivirus Display to Analyze Antibody Responses

Alexander Joseph Hostetler

(September, 2025)
Thesis in the field of Biological Engineering: Augmenting CAR T Therapy with Nanotechnology to Recruit the Endogenous Immune System Against Solid Tumors

Yi-Hsuan Hsiao

Thesis in the field of Electrical Engineering and Computer Science: Soft Robotic Locomotion at the Insect Scale

Yu-Chuan Hsu

Thesis in the field of Civil Engineering and Computation submitted to the Department of Civil and Environmental Engineering: Scientific Discovery through Predictive Modeling, Mechanistic Explanation, and Graph-Grounded Reasoning

Siyi Hu

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Learning on 3D Scene Graphs

Nicholas Hutchins

Thesis in the field of Biological Engineering: Perturbation and Possibility: Learning Models for Cellular Computation

Rahul Ilango

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Metacomplexity and Metacryptography

Krishna Pavan Inguva

(February, 2026)
Thesis in the field of Chemical Engineering: Mathematical Formulation and Numerical Methods for the Optimization of Novel Biotherapeutics Manufacturing

Vindula Muthushan Jayawardana
(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Learning to Tackle Task Variations in Control - A Transportation Context

Philippe Jean-Baptiste
Thesis in the field of Chemical Engineering: Functionalized Hollow Fibers Spun from Microporous Organic Polymers (MOPs) for Membrane-Based Separations and Carbon Capture

Se Hwan Jeon
Thesis in the field of Mechanical Engineering: Structuring Learning for Legged Locomotion with Model-Based Priors and Optimal Control

Zeyu Jia
Thesis in the field of Electrical Engineering and Computer Science: On the Sample Complexity of Statistical Learning: Estimation, Prediction and Decision Making

Tian Jin
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Self-Orchestrating Language Models: Leveraging Semantic Dependence for Efficient Inference

Bowen Jing
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Generative Models for Predicting, Simulating, and Designing Biomolecular Structure

Christopher Patrick Johnstone
(February, 2026)
Thesis in the field of Chemical Engineering: Supercoiling as a Regulator: The Role of Biophysical Feedback in Transcription and Chromatin Dynamics

Sneha R. Kabaria
Thesis in the field of Chemical Engineering: Development of Promoter-Based Tools for Precise Control of Transgene Expression in Mammalian Cells

Shreeyam Kacker
(September, 2025)
Thesis in the field of Space Systems submitted to the Department of Aeronautics and Astronautics: Spacecraft Autonomy through Computer Vision and Onboard Planning

Rohan Patrick Kadambi
(September, 2025)
(See also S.M., Course X-A)
Thesis in the field of Chemical Engineering: Modeling and Control of a Continuous Lyophilizer

Tamar Tamy Kadosh Zhitomirsky
(September, 2025)
Thesis in the field of Materials Science and Engineering: Fabricating and Tailoring Halide Perovskites for Photo-Active Applications

Karim Hisham Kadry Abdelmeguid
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Integrating Deep Learning, Spatial Computing, and Physics Simulations for Digital Cardiology

Christos Kakoutas
(February, 2026)
Thesis in the field of Mechanical Engineering: Short-Scale Instability of Internal Waves in Rotating Stratified Fluids

Ellen Limin Kan
Thesis in the field of Biological Engineering: Advancing Experimental Models and Measurements of Complex Tissue Pathobiology

Justin Andrew Kaskow
Thesis in the field of Chemical Engineering: Design and Delivery of STING Mimicking Therapeutics for Cancer Immunotherapy

David William Kastner
(February, 2026)
Thesis in the field of Biological Engineering: Blueprints of Reactivity in Iron-Containing Enzymes

Frances Riley Keer
Thesis in the field of Biological Engineering: Stitch-Seq: High-Throughput Targeted Perturbation Sequencing

Allison Michelle Keys
(September, 2025)
Thesis in the field of Computational and Systems Biology: The Role of CH- π Interactions in Protein-Carbohydrate Binding

Alaa Khaddaj
(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: How Data Drives ML Models Performance

Mirna Kheir Gouda
Thesis in the field of Biological Engineering: Engineering Acinetobacter Baylyi to Upcycle Nylon Monomers

Suhan Kim
Thesis in the field of Electrical Engineering and Computer Science: Insect-Scale Flying Robots Powered by Soft Actuators

Hajin Kim-Tackowiak
Thesis in the field of Civil Engineering submitted to the Department of Civil and Environmental Engineering: Manufacturing-Aware Topology Optimization for Direct Ink Writing Across Length Scales

Elvira Kinzina
Thesis in the field of Computational and Systems Biology: Single-Cell Transcriptomic Approaches to Measuring and Reversing Age in Human Hematopoietic Stem Cells

Dimple Vijay Kochar
Thesis in the field of Electrical Engineering and Computer Science: Artificial Intelligence-Driven Automation for Circuit Design

Benjamin C. Koenig
Thesis in the field of Mechanical Engineering: Scientific Machine Learning for Battery Thermal Runaway Modeling

Daniel A. Korsun

Thesis in the field of Applied Plasma Physics: The Limits of Passive Quench Protection in No-Insulation Superconducting Magnets

Ferdinand Kossmann

Thesis in the field of Electrical Engineering and Computer Science: Workload-Adaptive Model Serving

Thomas Charles Krause

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Sensing and Signal Processing for Energy Systems

David F. Krum

(February, 2026)
Thesis in the field of Chemical Engineering: Noncovalent PROTAC Antibody Drug Conjugates

Brandon Robert Krupczak

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Cell Therapy Manufacturing for Reduced Heterogeneity and Enhanced Therapeutic Efficacy in Treatment of Acute Respiratory Distress Syndrome

Ashutosh Kumar

Thesis in the field of Materials Science and Engineering: From Tiny Microbes to Tiny Molecules: Understanding the Role of the Ovarian Cancer Microbiome Towards Designing Aspirin-Inducible Probiotic Immunotherapies

Nishanth Jay Kumar

Thesis in the field of Electrical Engineering and Computer Science: Towards Generalist Robots via Integrated Planning and Learning with Foundation Models

Fang-Yu Kuo

Thesis in the field of Chemical Engineering: Advanced Electrochemical Carbon Dioxide Separation Methods Enabled by Sorbent and Electrolyte Co-Design

Cheng-I Lai

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Language Modeling from Visually Grounded Speech

Chih-Yu Lai

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Deep Learning Methods for Time Series Analysis in Manufacturing

Aaron William Langham

Thesis in the field of Electrical Engineering and Computer Science: Actionable Data-Driven Energy Monitoring

Jun Wen Law

Thesis in the field of Chemical Engineering: Modeling Approaches and Decarbonization Pathways in Multi-Sector Integrated Energy Systems

Hannah Louise Lawrence

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Symmetry and Structure in Machine Learning

Thien Le

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Modern Graph-Theoretic Approaches to the Theory of Graph Machine Learning

Doyoon Lee

Thesis in the field of Materials Science and Engineering: Non-Epitaxial Growth of Single-Crystalline 2D TMDs Below Back-End-of-Line Temperature Limit for Monolithic 3D Integration

Duncan Ru Chieh Lee

Thesis in the field of Mechanical Engineering: Design and Evaluation of a Terrain-Adaptive Variable Stiffness Ankle-Foot Prosthesis

Eunseok Lee

Thesis in the field of Electrical Engineering and Computer Science: Embedding Trust in the Physical Layer: Securing Hardware through Terahertz and Low-Power Silicon Electronics

Hyun Ryong Lee

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Programmable Architectural Support for Diverse Sparse Workloads

Andrea Michelle Lehn-Bradshaw

(September, 2025)
Thesis in the field of Mechanical Engineering: Connecting UV-Mediated Property Changes to Surface Cracking in Low-Density Polyethylene: Toward Understanding the Generation of Microplastic Pollution

Evan Christian Leppink

(September, 2025)
Thesis in the field of Nuclear Science and Engineering: Characterization of the DIII-D High-Field Side Scrape-Off Layer and Implications for High-Field Side Lower Hybrid Current Drive

Theodore Peter Letsou

(February, 2026)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Active Mid-Infrared Integrated Photonics

Kelvin Man Yiu Leung

(September, 2025)
Thesis in the field of Computational Science and Engineering: Structured Bayesian Inference for Spatio-Temporal Systems with Applications in Remote Sensing

Belinda Zou Li

Thesis in the field of Electrical Engineering and Computer Science: World Models, User Models, and Self Models in AI Systems

Mo Li

Thesis in the field of Mechanical Engineering: An Investigation of Oil Transport Mechanisms Leading to a Healthy System for the Piston Ring-Pack in Internal Combustion Engines by Integrating Experimental and Modeling Approaches

Muyang Li

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Full-Stack Algorithm System Co-Design for Efficient Visual Generation

Peter Zhi Xuan Li

(February, 2026)

Thesis in the field of Electrical Engineering and Computer Science: Memory-Efficient 3D Map Construction using Gaussians: Algorithms & Chips

Shen Li

(September, 2025)

Thesis in the field of Aeronautics and Astronautics: Personalizing Robot Assistance under Uncertainty about the Human

Xuanhe Li

Thesis in the field of Mechanical Engineering: Understanding Coupled Phenomena in Frontal Polymerization

Yifei Li

Thesis in the field of Electrical Engineering and Computer Science: From Visual Computing to Physical AI: Simulation, Optimization, and Learning for Physical World

Derek Lim

(September, 2025)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Symmetries in Neural Network Functions and Parameters

Emily Lin

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Accelerating Atomistic Simulations via Machine Learning-Based Surrogate Models for Material Design and Optimization

Junhong Lin

Thesis in the field of Electrical Engineering and Computer Science: Toward Effective and Efficient Transformer-Based Multimodal Reasoning

Alexander Haojan Liu

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Pre-Training Methods in Speech and Their Applications

Amanda Liu

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: A Verified Approach to High-Performance Tensor-Program Optimization

Yang Liu

(September, 2025)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Seeing Beyond Limits with Physics-Informed Priors

Zhuo Liu

(February, 2026)

Thesis in the field of Applied Plasma Physics and Computation: Collisionless Plasma Physics below the Ion Scales: Instabilities, Reconnection, and Turbulence

Wei Lu

Thesis in the field of Structures and Materials submitted to the Department of Civil and Environmental Engineering: Mechanics-Grounded AI for Multiscale Modeling and Bioinspired Design of Spider Webs and Silks

Rachel Kim Luu

Thesis in the field of Materials Science and Engineering: Biological and Bioinspired Materials Design through Generative AI Approaches

Andrew Ma

(September, 2025)

Thesis in the field of Electrical Engineering and Computer Science: Learning Simple Chemical Heuristics to Model and Discover Materials

Madelyn Ann MacRobbie

(February, 2026)

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Detecting Tight Junction-Mediated Epithelial Barrier Dysfunction in Altered Gravity Environments

Daniel Lewis Magley

(February, 2026)

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Wireless Thermal Capsule Endoscopy: A Bowel Preparation Free, Sedation Free, Outpatient Alternative to Colonoscopy

Liane Elizabeth Makatura

Thesis in the field of Electrical Engineering and Computer Science: Unified Representation, Design, and Exploration of High-Performance Metamaterials

Christopher Thomas Mallia

(September, 2025)

Thesis in the field of Materials Science and Engineering: Redox-Mediated Processes Toward Modular Electrochemical Systems

Jiayuan Mao

(February, 2026)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Learning, Reasoning, and Planning with Neuro-Symbolic Concepts

Gabriel B. Margolis

Thesis in the field of Electrical Engineering and Computer Science: Learning Intelligent Contact for Dynamic Robots

Andrew David Maris

(February, 2026)

Thesis in the field of Applied Plasma Physics: Prediction and Control of the Tokamak Density Limit

Stephanie Epstein Marzen

(February, 2026)

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Electronic Properties and Device Performance of Low Temperature Grown Germanium Epitaxy on Silicon

Joanna Irena Materzynska

(September, 2025)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Steering Vision at Scale: From the Model Weights to Training

Rory Vu Nguyen Mather

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Identifying a Novel Opioid-Specific EEG Biomarker That Can Be Targeted to Improve Patient Pain- and Opioid-Related Outcomes

Nicholas John Matteucci, Jr.

(February, 2026)

Thesis in the field of Chemical Engineering: Theory, Modeling, and Design Principles of Redox-Mediated Electrochemical Systems

Simar Kaur Mattewal

Thesis in the field of Chemical Engineering: Developing Selective Carbon-Based Membranes for Ionic and Gas Separations

Aimee Elizabeth Maurais

Thesis in the field of Computational Science and Engineering: Designing Dynamic Measure Transport for Sampling

Willie B. McClinton III

Thesis in the field of Electrical Engineering and Computer Science: From Demonstrations to Operators: Incrementally Learning Compositional Abstract Models for Bilevel Planning

Christopher Michael McNally

(February, 2026)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Algebraic Methods in Quantum Programming

Abigail Erin McShane

(February, 2026)

Thesis in the field of Biological Engineering: Translational Mechanisms of Control Over Virulence in *Escherichia coli* O157:H7

Safa Can Medin

(September, 2025)

Thesis in the field of Electrical Engineering and Computer Science: Synthesizing, Editing, and Animating 3D Faces

Eve Rachel Meltzer

Thesis in the field of Geotechnical and Geoenvironmental Engineering submitted to the Department of Civil and Environmental Engineering: Experimental Investigation of High Temperature Melts

Yue Meng

(February, 2026)

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Neural Network-Based Planning for Signal Temporal Logic Tasks

Andreas P. Mentzelopoulos

(February, 2026)

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Firstling Digital Twin: Data-Driven Time-Space Forecasting and Simulation of Vortex-Induced Vibrations

Jesse M. Michel

(February, 2026)

Thesis in the field of Electrical Engineering and Computer Science: Distribution Programming for Physics-Based Computations

Peter George Mikhael

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Machine Learning Approaches for Protein Function Characterization

Brian A. Mills

Thesis in the field of Materials Science and Engineering: Solution Processing of Optical Phase Change Materials

Adriana Macieira Mitchell

(September, 2025)

Thesis in the field of Aeronautics and Astronautics: Illumination-Robust Terrain Relative Navigation for Planetary Descent

Jeet Mohapatra

(February, 2026)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Navigating Generative Vector Fields: Principled Inference for High-Dimensional Inverse Problems

Omar Nazmi Mohd

(February, 2026)

Thesis in the field of Electrical Engineering and Computer Science: Sensitive Multiplexed Spatial MicroRNA Profiling and Analysis Framework for Assessing Tumor Heterogeneity

Daniel R. Monagle

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Batteryless Sensing with Magnetic Energy Harvesters

Rajib Mondal

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Multimodal Gastrointestinal Neurotechnology to Investigate the Gut's Autonomic Nervous System in Freely Behaving Rodents

Luca Francesco Montanelli

(February, 2026)

Thesis in the field of Materials Science and Engineering: Data-Driven Design of Recycling-Friendly Aluminium Alloys

Alexander Nicholas Morgan

Thesis in the field of Electrical Engineering and Computer Science: Understanding How to Learn and Configure Parameters in the Design of Echo State Networks

Ilan Ellison Moyer

Thesis in the field of Mechanical Engineering: "Usable-by-All" Hybrid Tool Design by Physical Metaphor

Mrigi Munjal

Thesis in the field of Materials Science and Engineering: Extracting, Encoding and Reasoning over Materials Knowledge with Language Models

Trevor Ryan Murphy

(September, 2025)

Thesis in the field of Mechanical Engineering: Planetary Traction Drive for Submarine Application with Tapered Rollers

Sarah Elizabeth Muschinske

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Development of Superconducting Quantum Simulators using 2D Lattices of Transmon Qubits

Hyein Na

Thesis in the field of Materials Science and Engineering: Mechanistic Understanding of the Progression from Rebound to Bonding in Microparticle Impact

Namita Rajesh Nabar

(February, 2026)
Thesis in the field of Chemical Engineering: Impact of Surface Chemistry on Lipid Nanoparticle Targeting and Transfection

Keisuke Nagao

Thesis in the field of Materials Science and Engineering: Adeno-Associated Virus Chimeras for Systemic Delivery of Nanomaterials and Large Transgenes

Isabel Naranjo De Candido

Thesis in the field of Nuclear Science and Engineering: Bottom-Up Cost of Nuclear: Advanced O&M and Application to Grid and Data Center Demand

Arash Nasr-Esfahany

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Analytical-ML Fusion for Fast and Accurate Performance Modeling of Computer Systems

Avery Kay Nguyen

(February, 2026)
Thesis in the field of Nuclear Science and Engineering: Pushing the Plastic Envelope: Using Physical Measurements of Polymers to Infer Uranium Enrichment Histories

Diep Hoang Ngoc Nguyen

(February, 2026)
Thesis in the field of Computational and Systems Biology: Design Principles of Innate Immune Sensing

Golda Minh Ý Nguyễn

(September, 2025)
Thesis in the field of Human Systems Engineering submitted to the Department of Aerospace Engineering: Towards Intelligent Psycho-Social Support to Augment Behavioral Health Management in Isolated Environments

Cormac O'Neill

(September, 2025)
Thesis in the field of Mechanical Engineering: Koopman Dynamic Modeling and Control for Robotic Systems Making and Breaking Contact

Favour Omafuvwe Obuseh

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Enhancing Gamma Delta-T Cell Therapies through Engineered Biochemical and Mechanical Microenvironments

Mark David Olchanyi

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Structural Characterization of Human Brainstem Networks Critical to Consciousness with High- and Low-Field Diffusion Tensor Imaging

Basak Ozaydin

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Design of Computationally Efficient and Secure Algorithms for High Photon Efficiency Systems

Christine Louise Page

(February, 2026)
Thesis in the field of Aeronautics and Astronautics: Using AI to Enable Autonomous Exoplanet Direct Imaging

Simo Pajovic

(September, 2025)
Thesis in the field of Mechanical Engineering: Photonic Control of Incoherent Emission In and Out of Equilibrium

Avik Pal

Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Performance Portable Scientific Computing through Multi-Level Compiler Optimizations

Elton Zi Heng Pan

Thesis in the field of Materials Science and Engineering: Generative Zeolite Synthesis Planning: Data, Decipher, Diffuse, Deploy

Veera Panova

(February, 2026)
Thesis in the field of Materials Science and Engineering: Tomographic Investigation of Bonding and Microstructure in Supersonic Microparticle Impacts

Eugene Park

Thesis in the field of Materials Science and Engineering: Atomic-Scale Engineering of 2D Quantum Materials and van der Waals Heterostructures Using Advanced Electron Microscopy

Hyunjin Park

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Somatic Heterogeneity in Mammalian Cells

Tae Joong Park

Thesis in the field of Mechanical Engineering: Electrification and Sustainable Fuels Toward Decarbonizing Transportation

Young Jin Park

Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Quantifying Instance-Level Reliability in Foundation Models

William Ellis Parker

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: Satellite Drag and Sustainable Space Operations in a Dynamic Thermosphere

Steven Holger Parks

Thesis in the field of Transportation submitted to the Department of Civil and Environmental Engineering: Generation of Synthetic Road Networks for the Design and Analysis of Urban Transportation Systems

Shakul Pathak

Thesis in the field of Chemical Engineering: Engineering Frameworks for Reaction-Limited Porous Electrodes

Andrew Keith Paulsen

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: A Terahertz Quantum Cascade Amplifier

Thomas Koizumi Porter

Thesis in the field of Chemical Engineering: Analysis of Biochemical Stress Signaling in Plants Using Fluorescent Nanosensors

Eliza Katherine Price

(February, 2026)
Thesis in the field of Chemical Engineering: Revealing the Chemistry, Structure, and Self-Assembly of the Lead Sulfide Nanocrystal Ligand Shell through Small-Angle Neutron Scattering

Srinivasa Rao Pujari

(September, 2025)
Thesis in the field of Chemical Engineering: Scalable 3D-Printed Synthetic Vasculature Platform for Oxygen and Nutrient Delivery in 3D Tissue Models

Zengyi Qin

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: From Image to Insight: Computational Methods for Ultrasound Image Understanding

Michelle Gabrielle Munoz Quien

Thesis in the field of Chemical Engineering: Analysis and Characterization of 2D Polyaramids

Alexander Henry Quinn

Thesis in the field of Chemical Engineering: Exploration of Catalytically-Driven Redox Processes for Electrochemical Energy Storage and Conversion

John Clayton Rademacher, Jr.

Thesis in the field of Electrical Engineering and Computer Science: Enabling Practical & Persistent Underwater Backscatter: Communication, Sensing, Localization, and Networking

Priyanka Raghavan

(September, 2025)
Thesis in the field of Chemical Engineering: Machine Learning for Chemical Reactivity Prediction: Paradigms, Challenges, and Applications

Marianne Rakic

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Learning Possibilities: Stochastic Models for Vision

Rashmi Ravishankar

(February, 2026)
Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Edge Computing in Space: Design Optimization and Reinforcement Learning Scheduling of Onboard Computing Satellites

Aaron Castagna Ray

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Structured Scene Perception for Dynamic Robot Behaviors

Kaelan Patrick Reed

Thesis in the field of Chemical Engineering: Development of Ionizable Lipids and mRNA-Encoded Adjuvants to Enhance the Potency of mRNA Vaccines and Immunotherapies

Lyle Regenwetter

Thesis in the field of Mechanical Engineering: Building Principled and Data-Efficient Intelligence for Engineering Design

Jinwook Rhyu

(February, 2026)
Thesis in the field of Chemical Engineering: Interpretable Approaches for Optimizing the Pulse Diagnostics and Formation for Lithium-ion Batteries

Felicia Heather Rodriguez

(September, 2025)
Thesis in the field of Biological Engineering: Modeling Tumor-Environment Interactions: *In Vivo* Blood Exchange for Microbiome-Driven Tumor Suppression and *In Vitro* Platforms for Quantifying Tumor Oxygen Consumption

Dhruv W. Rohatgi

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Towards a Modular Algorithmic Theory for Machine Learning

Cipriano William Romero

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: CRISPR Perturbations of Transcription Networks in Aging

Jillian Ann Ross

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: What Investing and Large Language Models Reveal About Each Other

Andrew V. Rouditchenko

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Multimodal Multilingual Audio Understanding

Swagata Roy

(February, 2026)
Thesis in the field of Materials Science and Engineering: Prediction of Dissolution and Nucleation in Silicates Using Machine Learning Force Fields

Maryann Rui

Thesis in the field of Electrical Engineering and Computer Science: Learning Multiple Models with Shared Structure

Grant Skirata Rutherford

Thesis in the field of Applied Plasma Physics: First Validation of High Field Side Lower Hybrid Current Drive Physics on DIII-D and Extrapolation to Future Experiments and Devices

Jurgis Ruza

Thesis in the field of Materials Science and Engineering: Computational Method Development for the Discovery and Investigation of Battery Electrolyte Materials

Austin Iglesias Saragih

Thesis in the field of Supply Chain Management and Analytics: Managing Uncertainty in Supply Chain Design

Peter Franklin Satterthwaite

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Force Engineered Nanodevices for Next-Generation Computing

Shashata Sawmya

Thesis in the field of Electrical Engineering and Computer Science: Interpretability and Compression in Neural Networks
(Posthumous Award)

Christopher Basil Scarvelis

Thesis in the field of Electrical Engineering and Computer Science: Characterizing and Controlling Data Dependence in Generative Models

Landon Schofield

(See also M.B.A., Course XV)
Thesis in the field of Chemical Engineering Practice submitted to the Department of Chemical Engineering: A Standardized Approach to Electrochemical System Design and Optimization

Miranda Lee Schwacke

Thesis in the field of Materials Science and Engineering: Ion and Microstructure Effects on Conductance Modulation of Electrochemically-Doped WO₃

Pedro Seber e Silva

Thesis in the field of Chemical Engineering: Developing and Applying AI for Biopharmacology and Biomanufacturing

Martin Alan Segado

(September, 2025)
Thesis in the field of Mechanical Engineering: Intuitive but Wrong: Uncovering Student Misconceptions about Force and Motion with Bayesian Item-Response Methods

Devosmita Sen

Thesis in the field of Chemical Engineering: Quantifying Topology-Property Relationships in Polymer Networks: From Kinetics and Fracture Mechanics to Data-Driven Design

Alejandro R. Sevilla

Thesis in the field of Mechanical Engineering: Developing Energy-Dense Hybrid Fluorinated Cathodes for Li Primary Batteries

Junyi Sha

Thesis in the field of Civil Engineering and Computation submitted to the Department of Civil and Environmental Engineering: From Prediction to Action: AI for Decision-Making in Fashion and Games

Harshay Shah

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Attributing and Steering Model Behavior

Pushkal Sharma

Thesis in the field of Chemical Engineering: Technologies to Measure and Probe the Function of Polyamines

Yunyi Shen

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Trajectory inference

Killian Aymeric Sherif

(February, 2026)
Thesis in the field of Materials Science and Engineering: Chemical Complexity in High-Entropy Materials

Dennis Zheng Shi

(September, 2025)
Thesis in the field of Chemical Engineering: Development of a Targeted Lipid Nanoparticle Platform for In Vivo RNA Delivery to Hematopoietic Stem and Progenitor Cells

Shuting Shi

(September, 2025)
Thesis in the field of Chemical Engineering: Development of Modular Strategies for Enhancing Biomanufacturing in Komagataella Phaffii

Saebyeok Shin

Thesis in the field of Electrical Engineering and Computer Science: Circuits and Systems for Body-Centric Biomedical Interfaces: Ingestible Wireless Communication and Non-Invasive Deep-Tissue Thermometry

Allan Shtofenmakher

Thesis in the field of Controls and Optimization: Optimal Tasking and Scheduling of Heterogeneous Sensor Networks for Space Situational Awareness

Alexander E. Siemenn

(September, 2025)
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: A Self-Driving Autonomous Robotic Laboratory for High-Performance, Sustainable Semiconductor Materials Discovery

Avni Priya Singhal

(September, 2025)
Thesis in the field of Materials Science and Engineering: Predictive Modeling of Chemical Reactivity for Sustainability

Jacqueline Helen Smith

(February, 2026)
Thesis in the field of Aeronautics and Astronautics: Safeguarding the Space Environment: A Comprehensive Framework for Continuing Supervision

Tory Daniel Smith

Thesis in the field of Aeronautics and Astronautics: Quantifying Uncertainty in Satellite Breakup Models Using Radar Observations and Impact Sensitivity Analysis

Mayuri Sridhar

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Toward Provable Privacy for Black-Box Algorithms via Algorithmic Stability

Prakitr Srisuma

(September, 2025)
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Systems Engineering for Biopharmaceutical Manufacturing Processes with Phase Transitions

Hannes Axel Staerk

Thesis in the field of Electrical Engineering and Computer Science: Generative Models for Biomolecular Structures and Design

Myles G. Stapelberg

Thesis in the field of Nuclear Science and Engineering: Designing Primary Radiation Damage Resistance in Low-Activation Vanadium Alloys for Fusion Energy Environments

Andrew Walter Stasiuk

Thesis in the field of Quantum Science & Engineering: Disorder-Enhanced Quantum Simulation with Solid-State NMR

June Shelby Stenzel

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: Verification Planning for Efficient Uncertainty Reduction of Space Science Systems

Nathan Merica Stover

Thesis in the field of Chemical Engineering: Rational Engineering of In Vitro Transcription for RNA Synthesis

Akshay Subramanian

Thesis in the field of Materials Science and Engineering: Designing for Execution: Generative Design of Molecular Materials

Soumya Sudhakar

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Efficient Planning and Perception for Resource-Constrained Robots

Sivaprasad Sudhir

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Optimizing Data Layouts for Evolving Cloud Table Storage

Fan-Keng Sun

Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Methodologies for Training Neural Networks from Small Models to Foundation Models on Time Series Data

Geoffrey Karl - Georg Svensson

Thesis in the field of Aeronautics and Astronautics: Modeling of Plasma Assisted Combustion in High Speed Flows

Behrooz Tahmasebi

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Topics in Geometric Machine Learning

Nadia Tahsini

(February, 2026)
Thesis in the field of Chemical Engineering: Oxidation Chemistry and Secondary Organic Aerosol Formation in Indoor and Outdoor Atmospheres

Morgan Bruce DeWitt Talbot

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Emulating and Enhancing Human Visual Perception and Learning with Image-Computable Models

Hao Tang

Thesis in the field of Materials Science and Engineering: Reinforcement Learning Methods for Long-Timescale Atomistic Simulations

Ifrah Tariq

(September, 2025)
Thesis in the field of Computational and Systems Biology: Biologically Interpretable Representation Learning for Mechanistic Insights into Cancer Immunotherapy Resistance

Spencer Vinh Taylor

(February, 2026)
Thesis in the field of Aeronautics and Astronautics: Particle Ignition Upon Impact in High-Pressure Oxygen

Alexandra Gabrielle Tchir

(February, 2026)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Vitrification of Isolated Mitochondria Enables Preservation of Function and Cellular Integration

Ravi Tejwani

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Robot Guidance Control

Samuel Tenka

(February, 2026)
Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Geometric Aspects of Optimization and Representation in Learning

Gianmarco Guin Terrones

(September, 2025)
Thesis in the field of Chemical Engineering: Property Prediction with Machine Learning and Ab Initio Methods for Iridium Photoactive Complexes and Metal-Organic Frameworks

Carl James Thrasher

(September, 2025)
Thesis in the field of Materials Science and Engineering: Systems Materials Design of Ordered Nanocomposite Assemblies

Yunsheng Tian

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Scalable Robotic Assembly of General Objects

Michael Lee Tibbs II

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Closing the Loop - Methods for Integrating Patient Physiology into Flight Planning and Control for Autonomous Aeromedical Vehicles

Megha Harishree Tippur

Thesis in the field of Electrical Engineering and Computer Science: Tactile Sensing for Dexterous Manipulation

Hannah Noe Burns Tomio

(February, 2026)

Thesis in the field of Space Systems submitted to the Department of Aeronautics and Astronautics: Techniques and Instrumentation for Space-Based Laser Communications, Ranging, and Metrology

Schrasing Tong

(February, 2026)

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Towards Interpretable and Operationalized Fairness in Machine Learning

Shangyuan Tong

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Bridging Efficiency and Scalability in Generative Modeling

Yuzhou Tong

(February, 2026)

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: From Observation to Perturbation: Dissecting Cell State Transitions in Immune and Cancer Cells

Marek Trávník

(September, 2025)

Thesis in the field of Aeronautics and Astronautics: Operational Fuel Inefficiency in Cruise Flight: A Worldwide Geospatial Analysis

Boqiang Tu

(February, 2026)

Thesis in the field of Biological Engineering: A New Method for Ultra-High-Throughput Biomolecular Activity Measurement and Protein Engineering

Anurag Jayant Vaidya

Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Biology-Guided Representation Learning for Computational Pathology

Robert Loek Van Heyningen

(February, 2026)

Thesis in the field of Computational Science and Engineering: Adaptive High-Order Methods and Reduced-Order Models for Hypersonic Flow via Optimal Transport

Jack Robert Van Sambeek

Thesis in the field of Materials Science and Engineering: Performance and Synthesis Limitations of Chalcogenide Perovskites for Optoelectronics

Bert Joannes C. Vandereydt

Thesis in the field of Mechanical Engineering: Functional Surfaces for Defoaming and Cell Release

Shomik Verma

Thesis in the field of Mechanical Engineering: Thermophotovoltaic Systems for Clean, Cheap, Reliable Electricity Generation

Daniele Vivona

(September, 2025)

Thesis in the field of Mechanical Engineering: Influence of Electronic Structure and Lattice Dynamics on Oxygen Ion Transport in Solid-State Ionic Conductors

Sophia K. Vlahakis

Thesis in the field of Aeronautics and Astronautics: NEOs from GEO: A Planetary Defense Mission Concept for Follow-Up Observations of Near-Earth Objects from Geostationary Orbit

Albert Zhe Wang

Thesis in the field of Biological Engineering: Spatiotemporal Dynamics of Serotonin Release and Diffusion Shape Foraging in *C. Elegans*

Allen Mengyu Wang

(February, 2026)

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Enabling Robust Trajectory and Control Design for Tokamaks with Scientific Machine Learning

Cathy S. Wang

(February, 2026)

Thesis in the field of Bioengineering submitted to the Department of Biological Engineering: Harnessing Enzymatic Activity Towards Cancer Interception

Chenyu Wang

Thesis in the field of Electrical Engineering and Computer Science: Controlling Generative Models via Representation Learning, Reasoning, and Reward Optimization

Daniel Wang

Thesis in the field of Mechanical Engineering: Unlocking the Solid Electrolyte Interphase (SEI) in Liquid Electrolytes for Next-Generation Lithium Metal Batteries

Jinchen Wang

(February, 2026)

Thesis in the field of Electrical Engineering and Computer Science: High-Speed Integrated Circuits for Scalable Quantum Computing

Mien Wang

(February, 2026)

Thesis in the field of Electrical Engineering and Computer Science: Neural Mechanisms for Flexible Behaviors in Complex Environments

Weiyang Wang

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Workload-Driven Network Optimization for Distributed Machine Learning

William Wei Wang

(September, 2025)

Thesis in the field of Electrical Engineering and Computer Science: Weak Identification and Network Measurement Error in Peer Effects Estimation

Zhien Wang

(September, 2025)

Thesis in the field of Materials Science and Engineering: Synthesis and Applications of Large-Area Monolayer Graphene

Zhishen Juju Wang

(September, 2025)
Thesis in the field of Aeronautics and Astronautics: Analysis on Aircraft Overflight Noise Distribution and Exposure

Charity Wangari

(February, 2026)
Thesis in the field of Aeronautics and Astronautics: Paving the Way for Reliable Electrospray Propulsion through Materials Science and Design

Matthew Scott Webber

(September, 2025)
Thesis in the field of Chemical Engineering: Coupled Lignin-First Biorefining and Hydrodeoxygenation for the Production of Aromatic Sustainable Aviation Fuel Blendstocks

Wentao Weng

Thesis in the field of Electrical Engineering and Computer Science: Optimizing Human Decision-Making for Safer Societies

Ashley Danielle Westerfield

(September, 2025)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: A 3D Human Liver Tissue Model of the Hepatobiliary Junction

Christine Davis Wiggins

Thesis in the field of Biological Engineering: Systems Biology Approach to Generation of Protective Humoral Immune Responses Against Pathogens

Jerrod Alexander Wigmore

(September, 2025)
Thesis in the field of Communications and Networks submitted to the Department of Aeronautics and Astronautics: Towards Generalist Communication Network Control Agents

Reginald George Wilcox III

(February, 2026)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Microwave Readout of Solid-State Spin Systems for High-Sensitivity Magnetometry

Christopher B. Womack

Thesis in the field of Aeronautics and Astronautics: On the Theory and Optimal Design of Emulators for Climate Impact Assessment

Emily Wu

(February, 2026)
Thesis in the field of Mechanical Engineering: DNA-Based Biomolecular Quantification and Molecular Manipulation

Haoyang Wu

(February, 2026)
(See also S.M., Course X-A)
Thesis in the field of Chemical Engineering and Computation: Accelerating Autonomous Molecular Discovery through Automated Quantum Chemistry and Artificial Intelligence

Zhaofeng Wu

Thesis in the field of Electrical Engineering and Computer Science: Generalization in Language Models: Mechanism, Evaluation, and Adaptation

Ziniu Wu

Thesis in the field of Electrical Engineering and Computer Science: Enhancing DBMS Performance through a Fine-Grained Query Performance Prediction Framework

Charlene Xia

Thesis in the field of Mechanical Engineering: Development of an Optical Fluidic Platform for In Situ Real-Time Soil Microbiome Analysis

Eric Z. Xia

(September, 2025)
Thesis in the field of Electrical Engineering and Computer Science: Modern Methods for Causal Inference and Missing Data

Guangxuan Xiao

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Efficient Algorithms for Large Language Models

Zhewei Xie

(September, 2025)
Thesis in the field of Chemical Engineering: Thermodynamic Models for Predicting Condensed Phase Equilibria in Polymer Systems

Haike Xu

Thesis in the field of Electrical Engineering and Computer Science: Modern Large-Scale Retrieval: Similarity Search and Beyond

Haiqian Yang

(February, 2026)
Thesis in the field of Mechanical Engineering: On the Mechanics of Cellular and Multicellular Active Matter

Lujie Yang

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Bridging Model-Based and Learning-Based Methods for Robotic Locomotion Manipulation and Control

So-Yoon Yang

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Ingestible Electronics for Gastrointestinal Diagnostics and Therapeutics

Songlin Yang

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Efficient and Expressive Architectures for Sequence Modeling

Soojung Yang

Thesis in the field of Computational and Systems Biology: Toward General Models of Protein Dynamics: Integrating Simulation, Generative Modeling, and Learned Representations

Sungyun Yang

Thesis in the field of Chemical Engineering: Experiments and Simulations of Colloidal Robotics for Biomedical Applications

Morris Yau

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: On Structure, Parallelism, and Approximation in Modern Neural Sequence Modeling

Guanghao Ye

(February, 2026)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Structure, Sparsity, and Communication in Modern Convex Optimization

Matthew Dan Ye

(February, 2026)
Thesis in the field of Materials Science and Engineering: Kinetic Manipulation of Self-Assembling Systems for Scalable Nanomaterials Synthesis

Alec Yen

Thesis in the field of Electrical Engineering and Computer Science: Fast and Scalable Measurement of Superconducting Qubits

Christian Yoo

(September, 2025)
Thesis in the field of Nuclear Science and Engineering: Study of Turbulent Electron Temperature Fluctuations and their Cross-Phase Angles with Electron Density Fluctuations at the ASDEX Upgrade Tokamak

Chenhui Yuan

(September, 2025)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Foundational Abstractions for Quantum Programming

Alex Marcos Zappi

Thesis in the field of Chemical Engineering: Bioproduction of Monomers for Biodegradable Polyester Ureas and Advancing Polymer Biodegradation Testing Methods

Kaiwen Zha

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Advancing Language Models for Reasoning and Beyond Text

James Han Zhang

(September, 2025)
Thesis in the field of Mechanical Engineering: Mechanisms of Solar-Thermal and Super Solar-Thermal Evaporation of Water

Jiaqi Zhang

Thesis in the field of Electrical Engineering and Computer Science: Learning and Designing Interventions

Rachel Y. Zhang

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Explicit Constructions of Lossless Expanders and Error-Correcting Codes

Tianyuan Zhang

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Scalable Architectures for Data-Driven Interactive World Models

Zhekai Zhang

(February, 2026)
Thesis in the field of Electrical Engineering and Computer Science: Efficient Systems & Hardware Co-Design for Quantized and Sparse Deep Learning

Daniel Jia Zheng

(September, 2025)
Thesis in the field of Materials Science and Engineering: Design of Electrocatalysts for the Production and Oxidation of Liquid Fuels

Jonathan Wenyuan Zheng

(February, 2026)
(See also S.M., Course X-A)
Thesis in the field of Chemical Engineering: Predictive Methods and Datasets for Thermodynamic and Kinetic Modeling of Ionic Solutes

Xinlin Zhong

(September, 2025)
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Physics-Based and Machine Learning Hybrid Modeling of Oil Transport and Oil Consumption in Internal Combustion Engines - A Digital Twin

Xingcheng Zhou

(September, 2025)
Thesis in the field of Chemical Engineering: Engineering DNA-Based Electrochemical Diagnostics for Translational Applications

Xinjing Zhou

Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Practical DB-OS Co-Design for Modern, High-Performance Database Engines

Dingyi Zhuang

Thesis in the field of Transportation submitted to the Department of Civil and Environmental Engineering: Quantifying Uncertainty: Advancing Sparsity-Aware Methods, Reliability, and Fairness in AI-Driven Transportation Demand Modeling

Joanna Jiaqi Zou

Thesis in the field of Computational Science and Engineering: Goal-Oriented Learning of Stochastic Dynamical Systems

SCHOOL OF HUMANITIES, ARTS, AND SOCIAL SCIENCES, DOCTORAL

Doctor of Philosophy

School of Humanities, Arts, and Social Sciences

Salome Aguilar Llanes

Thesis in the field of Economics: Essays in the Economics of Education

Aaron Benjamin Berman

Thesis in the field of Economics: Essays in Environmental Economics

Nicholas Daly Blanchette

(September, 2025)

Thesis in the field of Political Science: The Strategies of Capability Revelation and Their Sources: Explaining Secrecy, Bluff, and Transparency in the Signaling of Advanced Military Capabilities

Theodore Lewis Caputi

(See also S.M., Course XIV)

Thesis in the field of Economics: Essays in Health Economics

Anne Elizabeth Carlstein

Thesis in the field of Economics: Essays on Market Design

Alex Avelino Carrasco Martinez

Thesis in the field of Economics: Essays on Macroeconomics

Wenyan Deng

(February, 2026)

Thesis in the field of Political Science: Trade Policy and the Logic of Authoritarian Survival

Clara Isabel María de las Mercedes Di Tella

(February, 2026)

Thesis in the field of Economics: Essays in Macroeconomics and Labor Economics

Omri Doron

(September, 2025)

Thesis in the field of Linguistics submitted to the Department of Linguistics and Philosophy: Local Competition, Number and Definiteness

Bennett Robert Eckert

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: Norms and Natures: Foundations for Pluralist Constitutivism

Yonathan Fiat

(September, 2025)

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: Active Epistemology

Suzanne Belle Sharpe Freeman

(September, 2025)

Thesis in the field of Political Science: The Spy and the (Autocratic State): Theory and Politics of Civil Intelligence Relations

Eleanor Gladding Freund

(September, 2025)

Thesis in the field of Political Science: Survival in the Shadow of Power: Strategies of Security Cooperation in Chinese Foreign Policy

Felix-Antoine Gelineau

(September, 2025)

Thesis in the field of Philosophy submitted to the Department of Linguistics and Philosophy: The True, the Good and the Justified: Essays on Epistemic Normativity and Value

Raymond Wang Han

Thesis in the field of Economics: Essays in Education and Urban Economics

Eyal Indra Hanfling

(February, 2026)

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Machine Learning-Primed Inference
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Benjamin Lee Reichelt

(February, 2026)

Thesis in the field of Physics: Investigation of Kinetic Electron and Ion Transport Effects in Inertial Confinement Fusion Experiments at NIF and OMEGA

Jared Alexander Rivera

Thesis in the field of Physics: Preparation and Manipulation of Quantum Degenerate Erbium-Lithium Mixtures

Justin Michael Roberts

(September, 2025)

Thesis in the field of Biology: All Three Mammalian Sestrins Relay Leucine Availability to mTORC1 in Functionally Distinct Ways

Paul Casciola Rosen

(February, 2026)

Thesis in the field of Biology: Quantitative Fluorescent Biosensors for Studying Metabolism

Cian Franz Schmitt-Ulms

(February, 2026)

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: RNA and DNA Editing for Genetic Disorders

Una Gaylin Schneck

Thesis in the field of Planetary Sciences submitted to the Department of Earth, Atmospheric, and Planetary Sciences: The Fluvial Geomorphology of Titan's Lakes and Seas

Dominic Schwarz

(February, 2026)

Thesis in the field of Biology: A Systematic Analysis of Myb Domain-Containing Proteins in *Toxoplasma gondii*

Allison Taylor Scott

Thesis in the field of Biology: Temporal Transcriptomic Analysis of *Rickettsia* Coupled with Investigation of an Anomalous Type IV Secretion System

Benjamin Drew Senzer

Thesis in the field of Chemistry submitted to the Department of Chemistry: Total Synthesis of (+)-CC-1065

Michael A. Shadpour

Thesis in the field of Biology: Mechanistic Inference of Aging Control Networks Using Genome-Scale Perturbations and Cell-State Reconstruction

Dina Avrahama Sharon

Thesis in the field of Chemistry submitted to the Department of Chemistry: Computational Studies of Water Structure and Protein-Water Interfaces

Tzu-An Sheng

Thesis in the field of Physics, Statistics, and Data Science submitted to the Department of Physics: Heavy Quark Energy Loss in Quark-Gluon Plasma: A Study with the CMS Experiment

Meng-Chen Shih

Thesis in the field of Chemistry submitted to the Department of Chemistry: Interface and Heterostructure Engineering of Perovskite Solar Cells

Jasmine Sinanan-Singh

Thesis in the field of Physics: Quantum Control of Spin-Oscillator Systems with Composite Rotations

Elena Slobodyanyuk

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Sorin Asha Srinivasa

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Thesis in the field of Chemistry submitted to the Department of Chemistry: Structural and Biochemical Insights into Collagen-I Trimerization

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Alice Yue Su

(September, 2025)

Thesis in the field of Chemistry submitted to the Department of Chemistry: Ions in Electronically Insulating and Conductive Metal-Organic Frameworks: Transport and Energy Storage

Yudong Sun

(February, 2026)
Thesis in the field of Geophysics submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Modeling Complex Evolution of Slow to Fast Earthquakes on Simple and Heterogeneous Faults

Zhiquan Sun

(September, 2025)
Thesis in the field of Physics: A Charcuterie Platter of QCD Matter

Gabriel Toneatti Vercelli

(September, 2025)
Thesis in the field of Microbiology submitted to the Department of Biology: Shaping Function Through Space: The Role of Spatial Organization in Microbial Communities

Anna Katharina Traunbauer

(September, 2025)
Thesis in the field of Immunology submitted to the Department of Biology: The Novel Roles of BCL6 and BATF3 in Regulating Human CD8+ T Cell Dysfunction

Neekon Vafa

Thesis in the field of Mathematics: Lattices, Learning, and Lies: A Cryptographic Lens on Trustworthy Machine Learning

Axel Omar Vera Sanchez

Thesis in the field of Chemistry submitted to the Department of Chemistry: The Chemical Biology of Anti-CRISPR Proteins

Djuna Katrina von Maydell

(September, 2025)
Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Mechanisms of Genetic Risk in Alzheimer's Disease

Cong Wang

(September, 2025)
Thesis in the field of Chemistry submitted to the Department of Chemistry: Atomistic Insights into Disordered Proteins and Condensates via Molecular Simulation

Haochen Wang

Thesis in the field of Physics: Probing Large-Scale Structure of the Universe with the Canadian Hydrogen Intensity Mapping Experiment

Xirui Wang

(February, 2026)
Thesis in the field of Physics: Sliding Ferroelectricity via Van Der Waals Engineering

XueZhou Wang

Thesis in the field of Chemistry submitted to the Department of Chemistry: Advancing Bottlebrush Polymer Architectures for Drug Delivery Applications

Yuk Pung Wang

(February, 2026)
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Molly Catherine Warndorf

Thesis in the field of Chemistry submitted to the Department of Chemistry: Expanding the Utility of Porous Organic Polymers through Cost-Effective Synthesis and Simulation

Theodore Clark Warner

Thesis in the field of Chemistry submitted to the Department of Chemistry: Chemical Tools for Probing Bacterial Cell Envelope Architecture and Dynamics

Philip Lawrence Rudolf Weigel

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Leah Pauline Weisburn

(February, 2026)
Thesis in the field of Chemistry submitted to the Department of Chemistry: Advances in Bootstrap Embedding Towards Large Molecular Systems

Erika Nicole Weiskopf

(February, 2026)
Thesis in the field of Biochemistry submitted to the Department of Biology: Characterization of HIV-1 Nuclear Entry through the Nuclear Pore Complex

Laurel Violet White

Thesis in the field of Physics: The Landscape of Galaxy Clusters at Low Redshift

Mingrui Wu

Thesis in the field of Chemistry submitted to the Department of Chemistry: Spatial Omics Advances in CNS Disorders

Yu Xie

Thesis in the field of Computational Neuroscience: Neural Network Models of Objects in Visual Cognition

Tiansi Xin

(February, 2026)
Thesis in the field of Chemistry submitted to the Department of Chemistry: A Diverse Array of Synthetic Strategies for a Phosphorus Group Transfer Reactions: From Phosphinidenes to Phosphates (Posthumous Award)

Weiran Xu

(September, 2025)
Thesis in the field of Physics: An Optimized Bayesian Analysis Framework for the KATRIN Experiment

Zixuan Xu

Thesis in the field of Mathematics: Extremal Hyperplane Problems on the Hypercube

Jixiang Yang

Thesis in the field of Physics: Superconductivity in Spin-Orbit-Coupled Rhombohedral Trilayer Graphene

Yuan Yao

Thesis in the field of Mathematics: The Combinatorics of Triangulations of Products of Two Simplices

Sadie Jo Zacharek

Thesis in the field of Neuroscience submitted to the Department of Brain and Cognitive Sciences: Neural and Neurochemical Mechanisms of Social Anxiety Disorder: Multimodal Neuroimaging Investigations of Pathophysiology and Cognitive Behavioral Therapy Response

Yunchao Zhang

Thesis in the field of Physics: Symmetries
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Kai Zhe Zheng

Thesis in the field of Mathematics:
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Aleksandr Zimin

Thesis in the field of Mathematics:
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Mathematics-Driven Computation: From
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AWARDED JOINTLY WITH THE WOODS HOLE OCEANOGRAPHIC INSTITUTION, DOCTORAL

Doctor of Philosophy

Kathleen Emma Abbott

Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Vertical Transport and Transformation of Biogeochemical Properties in the Upper Ocean

Nadège Sophia Aoki

(February, 2026)
Thesis in the field of Biological Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Investigating the Ecological Role of Sound on Coral Reefs

Loïcka Myriam Rita Baille

Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Towards Scalable Modern Marine Ecosystem Monitoring

Shavonna Marie Bent

(September, 2025)
Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Microbial Responses to Environmental Forcing and Implications for Trophic Transfer through the Lens of Lipidomics

Levi Cai

(February, 2026)
Thesis in the field of Electrical and Oceanographic Engineering submitted to the Department of Electrical Engineering and Computer Science: Tracking and Monitoring Marine Animals with Vision-Guided Underwater Vehicles

Kenneth Theodore Carr

(February, 2026)
Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Implications of Seasonality and Asymmetry for ENSO's Predictability and Future Changes

Si Yuan Chen

(September, 2025)
Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: On Subannual Variability in the Abyssal Ocean

Michael Minghuan Sun Dotzel

(February, 2026)
Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Submesoscale Eddies and their Potential for Buoyant Microplastic Accumulation

Sabrina Mariam Elkassas

(February, 2026)
Thesis in the field of Geomicrobiology: Microbial Communities, Activities, and Metabolisms in Earth's Subseafloor and Analog Oceanic Environments

Evangeline Fachon

(February, 2026)
Thesis in the field of Biological Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Dynamics and Impacts of Toxic *Alexandrium catenella* Blooms in the Pacific Arctic

Marc Joseph Foster

Thesis in the field of Environmental Chemistry submitted to the Department of Civil and Environmental Engineering: Bacterial Interactions and Enzyme Kinetics in Environmental Polyester Degradation

Mariya Galochkina

Thesis in the field of Climate Science submitted to the Department of Earth, Atmospheric, and Planetary Sciences: From Global Climate to Local Impacts: Interacting Drivers of Marine Heatwaves on Caribbean Coral Reefs

Megan Nicole Gillen

Thesis in the field of Geomorphology: Signatures of Land-Ocean Interactions in Coastal Morphology

Cora Alden Hersh

(February, 2026)
Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Tunnels in the Ocean: Formation and Propagation of Interannual Water Mass Anomalies in Global Subtropical Cells

Isabel Audrey Honda

(September, 2025)
Thesis in the field of Environmental Engineering and Computational Oceanography submitted to the Department of Civil and Environmental Engineering: Zooplankton Population Variability in a Warming Ocean: Modeling Spatiotemporal Patterns and Drivers within a Dynamic Shelf Ecosystem

Maxim Andrew Jahns

(February, 2026)
Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Metabolic Drivers of Community Dynamics in Marine Microorganisms

Jae Deok Kim

Thesis in the field of Geophysics submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Physics-Based and Data-Driven Inversion of Magnetotelluric Data for Subsurface Imaging

Natalie Claire Kukshstel

Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Ocean Acoustic Applications of an Autonomous Underwater Vehicle at the New England Shelfbreak

Liam Phalen Moser

Thesis in the field of Geophysics submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Imaging Subduction Zones: Slab Structure, Fluids, and Fault Slip

Ellen Ryunhwa Park

(February, 2026)
Thesis in the field of Chemical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Quantifying Ocean Carbon and Oxygen Cycles Using Biogeochemical Argo

Amy Ngo Phung

Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Optical and Acoustic Perception for Robotic Exploration and Intervention in Challenging Underwater Environments

Phadtaya Poemnamthip

Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Hydrodynamics of a Coral Atoll Lagoon and Its Connection to Large-Scale Climate Variability

Mason Rogers

(September, 2025)
Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Effects of Ocean Turbulence on the Large-Scale Stratification and Small-Scale Particle Distributions

Shari Marijani Rohret

(February, 2026)
Thesis in the field of Marine Geobiology: Benthic Meiofaunal and Micro-Eukaryotic Inhabitation of Extreme Environments: Submerged Caves and Hydrocarbon Seeps

Caroline Louise Rzucidlo

(February, 2026)
Thesis in the field of Marine Biology (jointly with WHOI) submitted to the Department of Biology: From Physiology to Pixels: Resource Allocation Tradeoffs and Non-Invasive Technologies for Studying Marine Mammals

Lily Hunn Sanborn

(February, 2026)
Thesis in the field of Marine Geology submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Environmental Drivers of Coastal Evolution

Miraflor Padilla Santos

(February, 2026)
Thesis in the field of Biological Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Seasonal Predictability and Interannual Variability in Coastal Planktonic Communities

Kharis Schrage

(February, 2026)
Thesis in the field of Biological Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Early Life-History Ecology of Arctic Benthic Invertebrates

Ariel Yaniv Vardi

(September, 2025)
Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Deep Learning Framework for Solving Geoacoustic Inversion Problems Using Normal Mode Theory

Scott T. Wieman

Thesis in the field of Geochemistry submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Methane Cold Seeps: Paleo Proxies, Modern Measurements, and Instrument Development

Weiguang Wu

Thesis in the field of Physical Oceanography submitted to the Department of Earth, Atmospheric, and Planetary Sciences: Vertical Transport at Curved Ocean Fronts

Zhaozhong Zhuang

(September, 2025)
Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Broadband Acoustic Characterization of the Deep Scattering Layer

MILITARY COMMISSIONS

United States Air Force

2nd Lieutenant

Garrett W. Campagna

William J. Roberts

Brian J. Robinson

Joshua J. Randolph

Aidan K. Vaughan

Luke A. Kelly

Gracianne M. Goll

United States Army

2nd Lieutenant

Lucas T. Puig

William J. Cruz

Maya C. Jyothinagaram

United States Navy

Ensign

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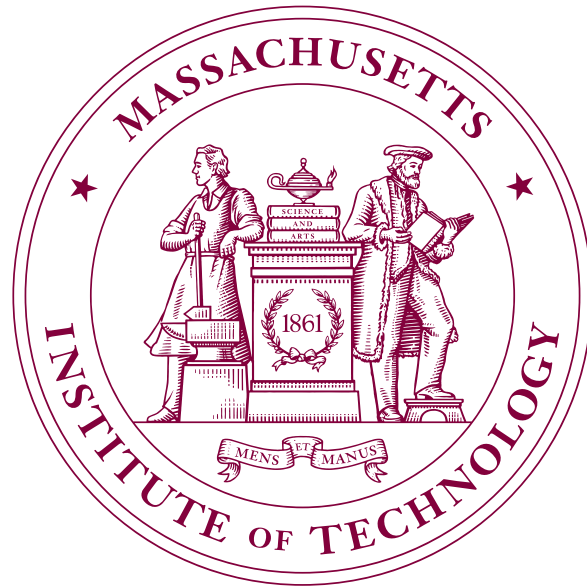
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