MASSACHUSETTS INSTITUTE OF TECHNOLOGY

ONLINE CELEBRATION PROGRAM
HONORING THE GRADUATES OF 2021
FRIDAY, JUNE 4, 2021
WELCOME

A warm welcome to MIT Commencement 2021! In celebrating our graduates, we also honor their incredible courage and resilience in persevering through a year of intense disruptions and all the burdens of the pandemic. And we extend our deepest thanks to their families and friends, whose love, inspiration, and encouragement carried our students to this important moment.

Today’s graduates will join a global family of more than 143,000 MIT alumni around the world. Across time and across distance, MIT is a community held together by profound values: The ideals of excellence, integrity, meritocracy, and openness. A passion for solving tough problems. A commitment to take the high road. And a rare set of skills that can be applied in countless ways to serve the common good.

As we congratulate our new graduates on all they have accomplished, we dream of the wiser and kinder world they can help create.

L. Rafael Reif
President
ORDER OF THE PROGRAM

OPENING
DIARY OF A PANDEMIC YEAR
Composed by Jamshied Sharifi ’83

Conducted by Frederick E. Harris, Jr.

Lyrics based on poetry by
Sophia D-G ’22; Patricia Gao ’21;
Cynthia Hua, Affiliated Research
Assistant, Media Arts and Sciences;
Moana Minton Meadow ’02; Maisha M.
Prome ’21; and Kareena Villalobos ’22

Poetry compiled and edited by Erica
Funkhouser, MIT Comparative Media
Studies/Writing

Performed by
MIT Wind Ensemble & MIT Festival
Jazz Ensemble
Frederick E. Harris, Jr., Music Director
MIT Symphony Orchestra
Adam K. Boyles, Music Director
MIT Concert Choir
William Cutter, Music Director
MIT Vocal Jazz Ensemble
Laura Grill Jaye, Music Director
Rambax MIT
Lamine Touré, Music Director

With students from
The Chorallaries of MIT
The MIT Logarithms
MIT Syncopasian
The MIT Asymptones
MIT Resonance

WELCOME
Diane B. Greene SM ’78
Chair, MIT Corporation

INVOCATION
Reverend Thea Keith-Lucas
Interim Chaplain to the Institute

COMMENCEMENT ADDRESS
Bryan Stevenson
Founder and Executive Director,
Equal Justice Initiative

VIDEO: THE CLASS OF 2021
LOOKS BACK
Produced by MIT Video Productions

SALUTE
Madeleine Sutherland
President, MIT Graduate Student Council
2020–2021

SALUTE AND TURNING OF THE
CLASS RING
Kofi Blake
President, MIT Class of 2021

GREETINGS FROM PALMER
STATION, ANTARCTICA
Daniel Lowenstein
PhD student in the MIT-WHOI Joint
Program in Oceanography/Chemical
Oceanography
Research Assistant, Woods Hole
Oceanographic Institution

CHARGE TO THE GRADUATES
AND CONFERRING OF
DEGREES
L. Rafael Reif
President, MIT

SALUTE FROM THE FACULTY
Sangeeta N. Bhatia SM ’93 PhD ’97
John J. and Dorothy Wilson Professor of
Engineering, MIT

WELCOME INTO THE
MIT ALUMNI ASSOCIATION
Charlene C. Kabcenell ’79
President, MIT Alumni Association

CLOSING REMARKS
Diane B. Greene SM ’78
Chair, MIT Corporation

SCHOOL SONG
Led by the Chorallaries of MIT

ONLINE

DOWNLOADS
The MIT Parents Association invites you
to celebrate the graduates of 2021 with its
Commencement Party Kit. The kit
includes downloadable party decorations,
Zoom backgrounds, music, a discount
code to the COOP, and more, courtesy
of the MIT Alumni Association.

SOCIAL MEDIA
Tag your social media posts with
#MIT2021. Connect on Twitter
(@MIT, @MITCommencement,
@MITStudents, @MIT_Alumni),
Instagram (MITpics, MITStudents,
MITalumni), and Facebook (Facebook.
com/MITnews, Facebook.com/
MITAA). Go to socialmediahub.mit.edu
to experience the day through MIT
social media accounts.

VIRTUAL PHOTO BOOTH
Celebrate Commencement with a
photo “at” an iconic campus location: the
virtual photo booth
interface will walk
you through taking a selfie, adding a
background and stickers, and sharing
your photo with friends and family.

The virtual photo booth can be accessed
via any device with a camera: computer,
tablet, or smart phone; no application
download necessary. It will be available
until 12 noon EDT on June 18.

INFINITE THANKS
To the speakers, musicians, hosts,
planners, producers, and all who applied
mind, hand, and heart to the creation of
Commencement 2021. Credits,
acknowledgments, and video from
today’s proceedings are available online:
commencement.mit.edu
SCHOOL OF ARCHITECTURE AND PLANNING

Bachelor of Science in Architecture
Course IV
Department of Architecture
Caleb Akoto Amanfu
Also with a Major in Course II-A
Jacqueline S. Chen
Daniel K. Landez
Also with a Major in Course XXI-M
Dong Nyung Lee
Jaime Nat Osuna
Also with a Major in Course XXI
Vanessa T. Pipitone
Minor in Environment and Sustainability
Yi Yang

Bachelor of Science in Urban Science and Planning with Computer Science
Course XI-6
Department of Urban Studies and Planning
Avital Vainberg

Bachelor of Science in Art and Design
Course IV-B
Department of Architecture
Alejandro Gonzalez Placito
(February, 2021)
Seo Yeon Kwak
Clare Liu
Minor in Computer Science

Bachelor of Science in Planning
Course XI
Department of Urban Studies and Planning
Tracy Denise Sorto
Miriam Imani Wahid
Also with a Major in Course XXI-W
SCHOOL OF ENGINEERING

Bachelor of Science in Civil Engineering
Course I-C
Department of Civil and Environmental Engineering

Constantinos Tsoucalas

Bachelor of Science in Engineering as recommended by the Department of Civil and Environmental Engineering
Course I-ENG
Department of Civil and Environmental Engineering

Luke Bastian
Minor in Economics
Minor in Computer Science

Aron M. Brenner
Also with a Major in Course XVIII

Samantha A. Burnell

Emily Pearl Condon
Minor in Literature

Ashwin Nivas Datta
Minor in Political Science

Gabriel de los Santos Schwartz

Peter A. Duff
(February, 2021)

Kayleigh Simone Dugas
Minor in Women’s and Gender Studies

Rayna C. Higuchi

Claire Elizabeth Holley
Minor in Architecture
(See also M.Eng., Course I-P)

Magreth D. Kakoko

Jarek Vincent Kwiecinski

Savrina J. Madera
Minor in Architecture

Adelynn H. Paik

Zachary T. Roberts
Minor in Statistics and Data Science

Alexandra Carolina Rodriguez

Chihiro Chelsea Watanabe
Minor in Finance

Claire L. Yost
Minor in Environment and Sustainability

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

Jacynth Tate Y. Agraan

Alex Aguilar
(September, 2020)

Salem J. Ali
(February, 2021)

Kailey A. Allen

Thomas B. Allison

Marcus M. Badgett

Andrew Barron Callahan

Manuel Alejandro Encinas Maqueda
Minor in Energy Studies

Annetoinette O. Figueroa

Audrey Charlotte Gaither

Samuel J. Gantman

Armando J. Garcia

Dani Gonzalez
Minor in Biomedical Engineering

Darya C. Guettler
Also with a Major in Course XVII

Maxwell E. Halkenhauser

Matthew S. Hambacher
Minor in Computer Science

Laura Y. Huang

Shantanu S. Jakhete
Minor in Political Science

Minsu Jung

Sheila Kennedy-Moore
Minor in Environment and Sustainability

Melissa Agnes Klein
Also with a Major in Course XXI-M

Flora M. Klise

Benjamin C. Koenig

Zachery Wolfgang Kutschke
(February, 2021)

Sandra Li
Minor in Design
(February, 2021)

Cole R. Linnus

Hannah Karin Mahaffey
Minor in Economics

Kai P. Maier
Minor in Computer Science

Charlotte Anderson Maloney
Minor in Comparative Media Studies

Garrett Memoli

Isabella M. Montanaro
(February, 2021)

Cyanna Maria Veronica Moody
Alejandra M. Navarro Reyes  
Abdalla O. Osman  
Minor in Energy Studies  
Nisal H. Ovitigala  
Joushua G. Padilla  
Arnav Y. Patel  
Minor in Energy Studies  
Anupama Phatak  
Minor in Economics  
Max M. Raven  
Minor in Management  
Rolando Rodarte  
Minor in Biology  
Minor in Energy Studies  
(February, 2021)  
Alexander J. Salisbury  
Swochchhanda Shrestha  
Minor in Environment and Sustainability  
Robert S. Silvestri  
Emily Irene Skilling  
Minor in Design  
Carmen Mary Sleight  
Margaret E. Sullivan  
(February, 2021)  
Jonathan N. Tagoe  
Sachin Thapa  
Jimmy T. Tran  
Minor in Economics  
Anthony T. Troupe  
Alyssa A. Wells-Lewis  
Minor in Music  
Bachelor of Science in  
Mechanical and Ocean Engineering  
Course II  
Department of Mechanical Engineering  
Anthony C. Kriezis  
Also with a Major in Course XIV-2  
Minor in Computer Science  
Alejandro Andrés Miranda Lastra  
Bachelor of Science in  
Engineering as recommended by the Department of Mechanical Engineering  
Course II-A  
Department of Mechanical Engineering  
Hannah Elizabeth Adams  
Minor in Computer Science  
Thomas O. Adebiyi  
Minor in Design  
Luisa Fernanda Apolaya Torres  
Minor in Theater Arts  
Benjamin L. Bennington  
(February, 2021)  
Smita Bhattacharjee  
Minor in Entrepreneurship & Innovation  
Minor in International Development  
Roberto A. Bolli, Jr.  
Also with a Major in Course VI-7  
Courtney Elizabeth Byrne  
Geneva M. Casalegno  
Minor in Environment and Sustainability  
Hunter K. Celio  
Jenny Chan  
George Chunfeng Chen  
Minor in Computer Science  
Lucy Seokyung Cho  
Emily Miller-Larabee Colby  
Orisa Z. Coombs  
Minor in Entrepreneurship & Innovation  
Daysia V. Douglas  
Gabrielle Karen Enns  
Megan Camille Flynn  
Qiyun Gao  
Minor in Computer Science  
Gabriella Garcia  
(August, 2021)  
Amanda N. Garofalo  
(February, 2021)  
Aaron Andres Garza  
Minor in Computer Science  
Caela Gabrielle Gomes  
(September, 2020)  
Daniel E. González Díaz  
Nicole Michelle Goridkov  
Miki O. Hansen  
Milo J. Hooper  
Johnson Nam Huynh  
Minor in Materials Science and Engineering  
Sridevi Kaza  
Emma Rosz Kelley  
Pedro Leandro La Rotta Nuñez  
Lani Dakyoung Lee  
Minor in Music  
G. Casimir Lesperance  
Cecilia Alessandra Luna  
Uriel Magana-Salgado  
Bachelor of Science
<table>
<thead>
<tr>
<th>Name</th>
<th>Minor/Location</th>
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<tbody>
<tr>
<td>Scott B. Mandelbaum</td>
<td>Minor in Theater Arts</td>
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<td>Jose A. Martinez</td>
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<td>Antonella Masini Ortiz</td>
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<td>Rebecca G. McCabe</td>
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<td>Zion M. Moore</td>
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<td>Branden J. Morioka</td>
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<td>Chloe Alexandra Nelson-Aruzaga</td>
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<td>Joyce Noh</td>
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<td>Rosalie C. Phillips</td>
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<td>Willie Zhu</td>
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<td>Abdulmalik Alghanaim</td>
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<td>Adira Tova Yermish Balzac</td>
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<td>Clio Batali</td>
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<td>Richard D. Colwell</td>
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<td>Tyler James Curry</td>
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<td>Danielle N. Grey-Stewart</td>
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<td>Emma L. Griffiths</td>
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<td>Spencer Hu</td>
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<tr>
<td>Nicholas Domingo Ignacio</td>
<td>Minor in History of Architecture, Art and Design</td>
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</tbody>
</table>

**Bachelor of Science in Materials Science and Engineering**

Course III

*Department of Materials Science and Engineering*

Abdulmalik Alghanaim

Adira Tova Yermish Balzac

Clio Batali

Minor in History of Architecture, Art and Design

Minor in Chemistry

Richard D. Colwell

Minor in Environment and Sustainability

Tyler James Curry

Christopher M. Eschler

Minor in Energy Studies

Alexander Laurence Evenchik

Minor in Biology

Minor in Chinese

Autumn R. L. Geil

Minor in Music

Eryn M. Gillam

Danielle N. Grey-Stewart

Minor in Music

Emma L. Griffiths

Spencer Hu

Nicholas Domingo Ignacio
<table>
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<tr>
<th>Name</th>
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<th>Department/College</th>
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<tr>
<td>Grace C. Moore</td>
<td>Bachelor of Science</td>
<td>Department of Materials Science and Engineering</td>
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<td>(February, 2021)</td>
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<tr>
<td>Richard A. Osterude Rey</td>
<td>Minor in Computer Science</td>
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<td>Rahul Ramakrishnan</td>
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<td>Ella Vivian Richards</td>
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<td>Mathew J. Suazo</td>
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<td>Lauren C. Cooper</td>
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<td>Alby John Joseph</td>
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<td>Anders Nicholas Khaykin</td>
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<td>(February, 2021)</td>
<td>Minor in Finance</td>
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<td>James Yosef Philips</td>
<td>Minor in Asian and Asian Diaspora Studies</td>
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<td>Tafsia S. Shikdar</td>
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<td>Jack Bouhanna</td>
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<td>Colin Paul Chaney</td>
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<td>Jackson M. Gray</td>
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<td>Petra-Juliahn Evelyn Hernandez</td>
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<td>Nancy Yahel Hidalgo</td>
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<td>Brandon V. John</td>
<td>(February, 2021)</td>
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<tr>
<td>Jaeyoung Jung</td>
<td>Minor in Mechanical Engineering</td>
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<td>Mario A. Lopez</td>
<td>(February, 2021)</td>
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<td>Ryan H. Mansilla</td>
<td>Minor in French</td>
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<td>Brandon T. Motes</td>
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<td>Elaine Ng</td>
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<td>Victor C. Oliveira</td>
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<td>Luke Qi</td>
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<td>Erick Rodriguez</td>
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<td>Osvy Rodriguez</td>
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<td>Bradley Alan Seymour</td>
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Isabelle Paris Chong  
Minor in Literature  
(February, 2021)  

Cecelia C. Chu  
(February, 2021)  

Manning Chuor  
Also with a Major in Course VIII  
Minor in Mathematics  

Braden Noah Cook  

Alexander K. Craig  
Minor in Mathematics  

Alex C. Cuellar  

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Minor in Environment and Sustainability  
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(February, 2021)  

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Minor in Philosophy  
(February, 2021)  

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Minor in Music  

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(February, 2021)  

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Zhenbang Chen

Zhenjia Chen

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Also with a Major in Course XVIII

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Cody Robert-Andrew Durr
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Demar Robin-Fernandez Edwards
(February, 2021)

Ahmed N. Elbashir
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Joyce Feng

Gabriel David Fields

Nathaniel P. Fletcher

Rachael Shulan Fuchs

Grant W. Fuhr

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Minor in Business Analytics

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Anurag Golla

Charvi Gopal

Danielle S. Gordon

Alexander K. Guo
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Nicholas Guo

Tessa Jean Gustafson

Thomas J. Hannan
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Peter K. Hart
(February, 2021)

Adib Hasan
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Mahmoud Hassan

Mark P. Heatzig

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Ryan Christian Hennessey

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Luis Fernando Herrera Arias
(September, 2020)

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

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

Darryl Ho
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Eric Hong

Eesam A. Hourani

Grace Hsu

Aye Htun

Henry Hu
Minor in Economics
(February, 2021)

Ivy Y. Huang
(February, 2021)

Jodi Jiaming Huang

Molly Humphreys
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<th>Name</th>
<th>Minor(s)</th>
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<tr>
<td>Sebastián Alejandro Huyke Hernández</td>
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<td>Hieu T. Nguyen</td>
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<td>Tatum Mae Ogata</td>
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Lauren Dayoun Oh  
Minor in Mathematics

Tuomas P. Oikarinen  
Also with a Major in Course XXIV-1  
Minor in Mathematics

Hidai Olivas-Holguin  
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Yanni Wang  

Nathan W. Weckwerth  
Also with a Major in Course XVIII

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Benton B. Wilson  

Peter Wofford  

Jan Robert Wójcik  

Isaac H. Wolverton  
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William Wu  

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Brendan S. Yap  

Claire Yap  

Yuria Utsumi  
Minor in Mathematics

Pablo X. Villalobos  
(February, 2021)

Summer Ynien Vo  
(February, 2021)

Charles J. Vorbach  

Sarah Thanh Vu  
Minor in Chinese

Julia Noel Wagner  
Also with a Major in Course XV-1  
Minor in Economics

Audrey R. Wang  
Minor in Music

Jennifer L. Wang  

Jonathan M. Wang  

Julia Jiaye Wang  
Also with a Major in Course XVIII  
Minor in Music

Lucy Yi-Ran Zhang  
Minor in Statistics and Data Science  
(February, 2021)
Maggie Qin Zhang
Minor in Mathematics

Maggie Zhang
Minor in Design

Marina Zhang
Also with a Major in Course XVIII
Minor in Economics

Tianlin Zheng
Minor in Finance
(September, 2020)

Ze Hang Zheng

Xinhe Zhou
Also with a Major in Course XVIII

Yiwei Zhu
Also with a Major in Course XVIII
Minor in Literature

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

Vayun Alapati
Minor in Economics
(February, 2021)

Suzie Y. Byun
Minor in Statistics and Data Science

Diana Baldwin Faust
(February, 2021)

Nicholas J. Freitas

Ruiwen Fu
(February, 2021)

Patricia D. Gao
Minor in Writing

Nathan Han

Jonathan M. Herrera

Tetiana Husak

Natasha N. Joglekar
Minor in Women's and Gender Studies

Kate M. Pearce
Minor in Mathematics

Venkat Sankar

Taylor E. Shaw

Tee Udomlumleart

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

Ivana S. Alardin
Minor in Mathematics
Minor in Public Policy

Grace Chuan
Minor in Mathematics

William J. de Rubertis

Kevin D. Downey

Cecilia M. Esterman
Also with a Major in Course XXI-M

Gabrielle Marie Finear
Also with a Major in Course XV-2

Cecil M. Gregg IV
Minor in Business Analytics

Jennah A. Haque
Minor in Public Policy

Justen Marshall Holl
Also with a Major in Course XVIII
Minor in Business Analytics
Minor in Ancient and Medieval Studies
(February, 2021)

Eliza K. Khokhar
(See also M.Fin., Course XV)

Brandon Leitch

Jocelyn Isabel Luizzi
(February, 2021)

Francesca Macchiavello Cauvi
Minor in Statistics and Data Science

Anmol Maini
Minor in Mathematics

Abigail McKenzie Moser
Also with a Major in Course XVIII

Tema Bery Nwana

Lawrence Y. Qiu
(February, 2021)

Paul Ruh
(February, 2021)

Patrick James Ryan
Minor in Finance

Phoebe Spear

Ashley Qiang-Wei Wang
(February, 2021)

Isabelle Lee Yen
Also with a Major in Course XV-2

Alvin Zhu
Minor in Asian and Asian Diaspora Studies

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

Madeline E. Bundy
Minor in Energy Studies

Jacky Chin
Also with a Major in Course VI-14

Hoang T. Dinh

Ryan S. Dorf
<table>
<thead>
<tr>
<th>Name</th>
<th>Major/Minor Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tony J. Elian</td>
<td>Bachelor of Science (February, 2021)</td>
</tr>
<tr>
<td>Asia J. Hypsher</td>
<td>Minor in French</td>
</tr>
<tr>
<td>Connor Grayson Jones</td>
<td></td>
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<tr>
<td>Mawuli Aba Yvonne Kpeglo</td>
<td>Also with a Major in Course XXI-M</td>
</tr>
<tr>
<td>Evelyn Sofia Navarro Salazar</td>
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<tr>
<td>Benjamin Nguyen</td>
<td>Also with a Major in Course V</td>
</tr>
<tr>
<td>Andison T. Tran</td>
<td>Minor in Polymers and Soft Matter</td>
</tr>
<tr>
<td>Vincent V. Vasquez</td>
<td></td>
</tr>
<tr>
<td>Stefan Wan</td>
<td>Minor in Biology</td>
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<tr>
<td>Allison B. Wang</td>
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<tr>
<td>Blair Ato Anaman Williams</td>
<td>Bachelor of Science in Chemical-Biological Engineering (Course X-B, Department of Chemical Engineering)</td>
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<tr>
<td>Allegra Jade Berger</td>
<td>Minor in Biology (February, 2021)</td>
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<tr>
<td>James A. Drayton</td>
<td>Bachelor of Science in Aerospace Engineering (Course XVI, Department of Aeronautics and Astronautics)</td>
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<tr>
<td>Abigail M. Frey</td>
<td>Also with a Major in Course VII</td>
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<tr>
<td>Luis Angel Gallegos</td>
<td>Minor in Environment and Sustainability</td>
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<tr>
<td>Katherine Marie Hahn</td>
<td>Also with a Major in Course XII</td>
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<tr>
<td>Liam Kai Herndon</td>
<td>Bachelor of Science in Chemical-Biological Engineering (Course X-ENG, Department of Chemical Engineering)</td>
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<td>Caroline E. Kenton</td>
<td>Also with a Major in Course VII-A (February, 2021)</td>
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<tr>
<td>Vanessa Kitova</td>
<td>Bachelor of Science in Aerospace Engineering (Course XVI, Department of Aeronautics and Astronautics)</td>
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<td>Justin Leal</td>
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<td>Eveline Simone Mayner</td>
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<td>Adunoluwa O. Obisesan</td>
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<td>Zachary Villaverde</td>
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<td>Daiyao Zhang</td>
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<td>Issa Rais Aoudou Bassirou</td>
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<td>Andrea Odinakachukwu Orji</td>
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<td>Danielle-Joy A. Rodriguez</td>
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<td>Awele Bill Uwagwu</td>
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<td>Sophie Gordon Anderson</td>
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<td>Kofi G William Blake</td>
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<td>Claire Buffington</td>
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<td>Shannon M. Cassady</td>
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<td>Ngoc Thuy Minh La</td>
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<td>Charles M. Magaw</td>
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<td>Dominick Rosario Maggio</td>
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<td>Aaron R. Makikalli</td>
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<td>Boaz J. Marks</td>
<td>Bachelor of Science in Aerospace Engineering (Course XVI, Department of Aeronautics and Astrophysics)</td>
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</tbody>
</table>
Alexandra R. Meredith  
Minor in Computer Science

Jacqueline M. Montante

Matthew Morningstar  
Minor in Computer Science

Amanda Faye Olphie

Codrin Paul Oneci  
Also with a Major in Course VIII  
Minor in Economics

Gabriel Gustavo Owens-Flores

Scott B. Padron  
(February, 2021)

Evan T. Pasko  
Minor in Computer Science

Ethan Sawyer Rolland

Renee Elizabeth Schebler  
Minor in Women’s and Gender Studies

Tao Sevigny  
(February, 2021)

Fawaz A. Shaffeeullah  
(February, 2021)

Anna Lucy Wahl

Joshua Kevin White

Christopher B. Womack

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

James M. Abel  
(February, 2021)

Andrea E. Badillo

Nadezhda D. Dimitrova

Mason James DuMez

Julia C. Gaubatz  
Minor in Mathematics

Allison Goode  
Also with a Major in Course XVIII  
Minor in Earth, Atmospheric, and Planetary Sciences  
Minor in Ancient and Medieval Studies

Jiayao Huang  
Also with a Major in Course XV-2  
Minor in Economics

Sabrina Y. Khan  
Also with a Major in Course XII  
Minor in Science, Technology, and Society

Charles Malcolm Loomis Lindsay  
Also with a Major in Course VI-1

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

Iris de la Caridad Abrahantes Morales

Roopsha D. Bandopadhyay  
Minor in Writing

Magnolia Mulan Chinn  
Minor in Music

Jade Isabella Daher  
Also with a Major in Course IX  
Minor in Linguistics  
(February, 2021)

Ravalika Damerla  
Minor in Environment and Sustainability  
(February, 2021)

Meghan Elisabeth Davis  
Also with a Major in Course XI

Jiayi Dong

Fidelia N. Gaba

Wilson Gomarga

Haley O. Higginbotham  
Minor in Mechanical Engineering

Vladlena Horneț

Lily Huo  
Also with a Major in Course XVII

Sarah H. Ishamuddin  
(February, 2021)

Amy T. Jin  
Also with a Major in Course VI-2  
Minor in Music

Prateek R. Kalakuntla  
Minor in Computer Science

Afeefah F. Khazi-Syed  
Minor in Urban Studies and Planning

Seung-Hyun Brianna Ko  
Minor in Music

Yara M. Komaiha

Emily L. Larson

Maya M. Levy

Nathan Tam Liang  
Also with a Major in Comparative Media Studies

Justin M. Liu
Emma R. Majercak  
(February, 2021)

Lia Tian  
Minor in Mechanical Engineering

Zaina L. Moussa  
Minor in Japanese

Sidney Y. Vermeulen  
Also with a Major in Course VI-3

Alberto J. Naveira  
Minor in Music  
Minor in Computer Science

Thomas Wang  
Minor in Physics

Gabrielle S. A. Ndakwah

Katherine M. Williams  
Minor in Women's and Gender Studies

Alexandra Neeser  
Minor in Finance

Jocelyn Shuxin Yao  
Also with a Major in Course IX

Athena NangVang Nguyen

Francisco J. Zepeda  
Minor in Political Science

Tam Bao Minh Nguyen

Margaret Y. Zhang  
Minor in Music

Koumani W. Ntowe-Fankam  
(February, 2021)

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

Ashley N. Pearson

Smrithi Raman  
Minor in Political Science

Abena D. Peasah  
Minor in Women's and Gender Studies

Courtney Bryn Sawyer

Maisha Munawwara Prome  
Minor in Writing

Analyce B. Hernandez  
Also with a Major in Course VIII

Alexis M. Schneider  
Minor in Computer Science  
(February, 2021)

Natalie G. Montoya  
Minor in Japanese  
Minor in Energy Studies

Vaibhavi B. Shah  
Also with a Major in Sci., Tech., & Society  
(February, 2021)

Myles G. Stapelberg  
(February, 2021)

Tooba Shahid  
Minor in Public Policy  
(February, 2021)

Aidan Michael Simpson  
Also with a Major in Course XV-1

Athena NangVang Nguyen

Francisco J. Zepeda  
Minor in Political Science

Tam Bao Minh Nguyen

Margaret Y. Zhang  
Minor in Music

Koumani W. Ntowe-Fankam  
(February, 2021)

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

Ashley N. Pearson

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Minor in Political Science

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Minor in Women's and Gender Studies

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Maisha Munawwara Prome  
Minor in Writing

Analyce B. Hernandez  
Also with a Major in Course VIII

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(February, 2021)

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Minor in Japanese  
Minor in Energy Studies

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Also with a Major in Sci., Tech., & Society  
(February, 2021)

Myles G. Stapelberg  
(February, 2021)

Tooba Shahid  
Minor in Public Policy  
(February, 2021)

Aidan Michael Simpson  
Also with a Major in Course XV-1

Connor Jackson Sweeney  
Minor in Computer Science  
(February, 2021)
Bachelor of Science in Economics
Course XIV-1
Department of Economics
Sophie Rose Herscovici
(February, 2021)

Yejin Amy Kim
Also with a Major in Course XVIII-C
(February, 2021)

Akwetey Kwabena Francis Okine
(February, 2021)

Michael C. Zhao
Minor in Finance
Minor in Literature

Bachelor of Science in Mathematical Economics
Course XIV-2
Department of Economics
Paolo M. Adajar
Minor in Public Policy

Boluwatife Oluwatunmibi Akinola

Benjamin Alan Delhees
Also with a Major in Course XV-3

Bachelor of Science in Literature
Course XXI-L
Literature
Anna Jenea Lyn Williams
Minor in Public Policy

Bachelor of Science in Music
Course XXI-M
Music and Theater Arts
Sebastian L. Franjou
Also with a Major in Course VI-2

Bachelor of Science in Writing
Course XXI-W
Program in Writing and Humanistic Studies
Azzo Fiorenzo Sauvage Séguin
Also with a Major in Course XII

Christina Elizabeth Warren
Also with a Major in Course VI-3

Bachelor of Science in Humanities and Engineering
Course XXI-E
Department of Humanities
Matthew S. Bradford

Julian D. DuBransky

Sarah M. Edwards

Bachelor of Science in Political Science
Course XVII
Department of Political Science
Aditya Jog
Also with a Major in Course VII

Samantha E. Pauley
(February, 2021)

Jose M. Pena, Jr.

Ivan Shestopalov

Bachelor of Science in Comparative Media Studies
Program in Comparative Media Studies
Amy Yaejee Shim

Bachelor of Science in Humanities and Science
Course XXI-S
Department of Humanities
Lia Trinity Hsu-Rodriguez

Kathryn W. Mohr
(February, 2021)

Bachelor of Science in Political Science
Course XVII
Department of Political Science
Aditya Jog
Also with a Major in Course VII

Samantha E. Pauley
(February, 2021)

Jose M. Pena, Jr.

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Bachelor of Science in Comparative Media Studies
Program in Comparative Media Studies
Amy Yaejee Shim

Bachelor of Science in Humanities and Science
Course XXI-S
Department of Humanities
Lia Trinity Hsu-Rodriguez

Kathryn W. Mohr
(February, 2021)
SLOAN SCHOOL OF MANAGEMENT

**Bachelor of Science in Management**
Course XV-1
*Sloan School of Management*

Owen Campbell Broderick
Michael Anthony Carolan
Also with a Major in Course VI-3
(February, 2021)

Nathaniel Joseph Cruz Walma
Tanner B. Guerra
Alice C. Ho
Also with a Major in Course IV
Tingyu Li
Also with a Major in Course VI-3

Aleena Shabbir

**John B. Strachan**
Also with a Major in Course XIV-1

Jason Jesus Tang
Also with a Major in Course XVIII-C

Dakota H. Thurman
Minor in Urban Studies and Planning

Leon Zheng

Elizabeth Abby Zhou
Also with a Major in Course VI-3

**Bachelor of Science in Business Analytics**
Course XV-2
*Sloan School of Management*

Felix Enrique Chavez Cruz

Saffron Tuesday Deasey
Minor in Public Policy
(February, 2021)

Emily A. Haig
Also with a Major in Course VI-14

Gohar Khan
Also with a Major in Course VI-14

Henry C. Martin
Minor in Computer Science

Enuma C. Mokel
(February, 2021)

Elizabeth A. Obermaier
Also with a Major in Course XVIII-C

Aaron Robles

Kiyah E. Willis

Farrell Eldrian S. Wu
Also with a Major in Course VI-3
Minor in Economics

Shiyan Yin

**Bachelor of Science in Finance**
Course XV-3
*Sloan School of Management*

Gerardo Andrés Cortez Padilla

Ze Dong
(February, 2021)

Xinyi Gu
Minor in Japanese

Bo Daniel Hardin
(February, 2021)

William Thomas Little IV

Sarah Ayesha Quraishi
Minor in Mechanical Engineering

Sanjana Shukla
Also with a Major in Course VI-14

Sharlene Song
Minor in Asian and Asian Diaspora Studies

Elias Yishan Yang
(February, 2021)
SCHOOL OF SCIENCE

Bachelor of Science in Chemistry
Course V
Department of Chemistry
Zhengkai Huang
Lin S. Rogers
Minor in Music
Miller Tan
Also with a Major in Course VI-3 Minor in Public Policy

Bachelor of Science in Chemistry and Biology
Course V-7
Department of Chemistry
Agata A. Bikovtseva
Ameena Momtaz Iqbal
Minor in Public Policy
Anna Khorošílova
Also with a Major in Course VIII Minor in Economics Minor in Computer Science
Gyuna Kim
Also with a Major in Course XXI-M
Eleane K. Lema
Siam T. Muquit
Minor in Spanish
Dayanne Rolim Carvalho
Harrison K. Wang
Also with a Major in Course VIII Minor in Mathematics (February, 2021)
Rachel F. Weissman

Bachelor of Science in Biology
Course VII
Department of Biology
Jose A. Aceves-Salvador
Minor in Chemistry
Allysa A. Allen
Justin J. Cordero
Emily Q. DeBitetto
Minor in Biomedical Engineering
Sarah M. Dohadwala
(Febury, 2021)
Katelyn R. Downey
(Febury, 2021)
Kenechukwu B. Egbuonu
Minor in Toxicology and Environmental Health
Private Elizabeth Goglia
Minor in Biomedical Engineering
Christine Elizabeth Goglia
(Febury, 2021)
Brett Donovan Haefner
Mohammed S. Hijaz
Sandhya Kalavacherla
(Febury, 2021)
Divya S. Kudapa
(Febury, 2021)
Pranav V. Lalgudi
Minor in Statistics and Data Science
Yenthanh N. Le
Phoebe L. Li
(Febury, 2021)
Joanna Qiao Lin
Also with a Major in Course XXI-G
Jiaxing Liu
Minor in Brain and Cognitive Sciences Minor in Music
Joanna Qiao Lin
Also with a Major in Course XXI-G
Jiaxing Liu
Minor in Brain and Cognitive Sciences Minor in Music

Bachelor of Science in Physics
Course VIII
Department of Physics
Francisco E. Acosta Icazuriaga
Ghadah M. Alshalan
Minor in Computer Science
Nicolas Amato
Minor in Earth, Atmospheric, and Planetary Sciences
Amel Amin Elfadil Elawad

Bachelor of Science in Biology
Course VII
Department of Biology
Jose A. Aceves-Salvador
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Divya S. Kudapa
(Febury, 2021)
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Yenthanh N. Le
Phoebe L. Li
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Minor in Brain and Cognitive Sciences Minor in Music
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Jiaxing Liu
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Bachelor of Science in Physics
Course VIII
Department of Physics
Francisco E. Acosta Icazuriaga
Ghadah M. Alshalan
Minor in Computer Science
Nicolas Amato
Minor in Earth, Atmospheric, and Planetary Sciences
Amel Amin Elfadil Elawad
Lucas M. Arthur
Minor in Political Science

Matthew J. Baldwin
Also with a Major in Course XVIII

Richard Thomas Barone III

Thiago R. Bergamaschi
Also with a Major in Course VI-2
Minor in Mathematics

Ian Bouche

Abhijatmedhi Chotrattanapituk
Also with a Major in Course XVIII-C

Matthew E. Conover
Also with a Major in Course VI-1

Sergio E. Cuadra

Kaylee Marie de Soto
Also with a Major in Course XVIII-C
Minor in Astronomy

Thao H. Dinh
Minor in Mathematics

Aidan E. Driscoll
Also with a Major in Course XXI-M

Aidan Zane Faustina
Also with a Major in Course XXIV-1

Rian B. Flynn
Also with a Major in Course XXI-M

Haoyang Gao
Also with a Major in Course XVIII

Uriel Guajardo
Also with a Major in Course VI-3

Amelia Eren Clabby Guttentag
Also with a Major in Course XVIII

Johaun J. Hatchett
Minor in Energy Studies

Qiantan Hong
Also with a Major in Course VI-2
Minor in Music

Parker K. Huntington
Also with a Major in Course VI-2
Minor in Japanese

Jakob P. Jorgensen
Minor in Mathematics

Sami Kaya
Also with a Major in Course XVIII

Sujay S. Kazi
Also with a Major in Course XVIII-C

Aaron G. Kogan
Also with a Major in Course XVIII

Andrew John Krause
Also with a Major in Course VI-3

Caroline Laber-Smith

Yuan Lee
Also with a Major in Course VI-2
Minor in Economics
Minor in Mathematics
(See also M.Eng., Course VI-P)

Jitapron Lerprasertpong
Minor in Astronomy

Christopher A. Miller
Minor in Art, Culture and Technology

Gabriel L. Mintzer
Also with a Major in Course VI-3
Minor in Chinese
(February, 2021)

Srijon Mukherjee
Also with a Major in Course VI-3

Anjali Ila Nambrath
Also with a Major in Course XVIII
Minor in French

Obiageli W. Nwodoh
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Oluwaseun E. Ogunde
Minor in Mathematics

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Also with a Major in Course VI-3
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Also with a Major in Course VI-1

Debaditya Pramanik
Also with a Major in Course XVIII

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(February, 2021)

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Minor in Computer Science

Bachelor of Science in Brain and Cognitive Sciences
Course IX
Department of Brain and Cognitive Sciences

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Minor in Biomedical Engineering
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Tianyu Luo

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Seungweon Park  
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Skylar Frances Gordon

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Michael A. Peña

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Minor in Biology

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Course XVIII  
Department of Mathematics

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Also with a Major in Course VI-3

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Kaarel Hänni  
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Minor in Economics

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Bachelor of Science

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Minor in Energy Studies

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Minor in Statistics and Data Science

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Minor in Statistics and Data Science

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Minor in Computer Science

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Minor in Applied International Studies

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Minor in Computer Science

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Also with a Major in Course VI-3

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Minor in Political Science

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(Feb. 2021)

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Zhuofan Xie
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(Feb. 2021)

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(Feb. 2021)

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(Feb. 2021)
Henderson Cole  
(February, 2021)  

Turbat Enkhbayar  

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(February, 2021)  

Oliver Herman Heins  
Minor in Business Analytics  

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(September, 2020)
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Drew Edward Morrison
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Michelle Mueller
Salt Flats, Finger Islands and Ponds: Reading the Landscape Through Infrastructure in Tampa, Florida

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Data for Housing Justice: Examining Activists’ Use of Open Government Data for Housing Justice in Boston, MA and New York, NY

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Aligning Policy Goals with Planning Outcomes: A Client-Based Thesis in Portland, Maine
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‘Autogestión’: Community-led Squatting as a Means of Transformative Revitalization of Abandoned Spaces in Puerto Rico

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Program in Media Arts and Sciences

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Ruichen Ni  
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(September, 2020)  
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<tr>
<td>Manuel Velazco</td>
<td>Med. Arts &amp; Sciences</td>
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- **Mengpei Chen**  
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Emily Madeline Mellin  
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Xiang Zhang
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Ebrahim D. Al Johani
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Damian S. Barabonkov
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Srilaya Bhavaraju
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<td>Cosmo Valentino</td>
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<td>Patricia Marsa Gaviria</td>
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<td>Matthew Lincoln Martin</td>
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Kelsey Jo Pridemore  
Violet Kemilembe Rukambeiya  
Chantal Neomi Sirisena

Ana Carolina Ragazzoni Rodrigues  
Amelia Claire Brunder Salutz  
Charles Colby Smith

Isaac Rahamim  
Andrea Šándorová  
Christian Edmund Smith

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Carlo Peter Schmid  
Kwanpat Songvisit

Katherine Suzanne Rawden  
Michael T. Schoder  
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Xue Wang
Alexander Thomas Warner
Anne Parker Warner
Rachel Mirriam Webb
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Eric D. Yang
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Dror Zajde
Lily Chan Cheng Zedler
Xianqi Zeng
Di Zha
Cassie WeiJia Zhang
Ike Ting Zhang
Wenxin Zhang
Laura Zwanziger

Master of Business Analytics
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(September, 2020)

Master of Finance
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Sloan School of Management

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(September, 2020)

Alexandru Socolov
(September, 2020)

Julie Andre

Kevin Zhi Cheng Lin
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Andras Jeno Szep
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<td>Georges Geha</td>
<td>Use of Modern Machine Learning Techniques to Prevent the Occurrence and Outcome of Corporate Takeover Events</td>
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<td>Elie Gaby Gerges</td>
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<td>Eliza K. Khokhar</td>
<td>(See also S.B., Course VI-14)</td>
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<td>Michael M. Wehbe</td>
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<td>Xuan Zhao</td>
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<td>Phoebe Bay</td>
<td>A Market Feasibility Analysis of the Carbon Capture Utilization and Storage Landscape in China for Foreign Firms</td>
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<td>Joanne Im</td>
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<td>Jonathan E. Jensen</td>
<td>What Determines the Allocation of Government Resources to Local Areas?</td>
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<td>Orchestrating Friendship in the Firm: Softening the Edges of Algorithmic Evaluation</td>
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<td>Soomi Kim</td>
<td>Insurance Design and Pharmaceutical Innovation</td>
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<td>Taking an Occupational Lens to Worker Voice and Preference for Labor Representation</td>
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<td>Application Choices to Gender-Typed Jobs</td>
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<td>James Edward Paine</td>
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<td>When Will They (Ever) Learn?</td>
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<td>Identify Experts through Revealed Confidence: Application to Wisdom of Crowds</td>
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<td>Ship-Pack Replenishment Optimization in a Two-Echelon Distribution System with Lost Sales and Product Obsolescence</td>
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<td>Célia Escribe</td>
<td>Reducing Physician Burnout and Costs in Outpatient Healthcare Settings via Advanced Analytics</td>
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<td>Preventing Opioid Overdose: From Prediction to Operationalization</td>
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<td>Optimizing Weapon Precision</td>
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<td>Operational Innovations to Improve Malawi’s HIV Sample Transportation Network</td>
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<td>Matthew J. Koch</td>
<td>Air Force Crew Scheduling: An Integer Optimization Approach</td>
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<td>Anomaly Detection Methods for Detecting Cyber Attacks in Industrial Control Systems</td>
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<td>Matthew Yuan</td>
<td>An EM Algorithm for Lidar Deconvolution</td>
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Sloan School of Management in conjunction with the Schwarzman College of Computing
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Course V  
Department of Chemistry

Johanna Christine Barbour  
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Daniel Harper  
Computationally-Derived Design Principles for Water Oxidation Catalysts

Carolyn Eunjin Suh  
Synthesis of Deoxysugars through Manganese-Promoted Redox Isomerization

Kathleen Jun Wang  
Development and Optimization of Photoredox-Mediated Methine Epimerization

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Course VII  
Department of Biology

Albert Thomas Magnell  
(February, 2021)  
Epigenetic Memory of Mouse Intestinal Inflammation

Qinze Arthur Zhang  
(February, 2021)  
Understanding the Effects of Sex Chromosomes and Sex Hormones on Sex Differences

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Course VIII  
Department of Physics

Jennifer Renee Crawford  
(September, 2020)  
Exact Diagonalization Study of Charged Excitations in Twisted Bilayer Graphene Aligned with Hexagonal Boron Nitride

Gwang-jun Kim  
(February, 2021)  
Study of Beauty Meson Production in PbPb Collisions with CMS

Bola Malek  
Quasi-Potential Analysis of Multi-Stable Stochastic Differential Equations

Master of Science in Brain and Cognitive Sciences  
Course IX  
Department of Brain and Cognitive Sciences

Yuan Bian  
Noisy-Channel Processing of Questions

Joey Velez-Ginorio  
Compositional Desires as Compositional Programs

Master of Engineering in Computation and Cognition  
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Melat R. Anteneh  
Evaluating Shadowspect as a Potential Measure of Spatial Reasoning

Hang Le Thi Nguyet  
Investigating the Role of Biological Constraints in Adversarial Robustness via Modeling and Representational Geometry

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

Andrew T. Cummings  
(September, 2020)  
(See also S.M., Course XVI)  
Characterization of Solar X-ray Response Data from the REXIS Instrument
Awarded Jointly with the Woods Hole Oceanographic Institution

Master of Science in Mechanical Engineering

Christopher Raymond Dolan
Course II
(September, 2020)

Zachary J. Duguid
Course II
(September, 2020)
Towards Basin-Scale in-situ Characterization of Sea-Ice Using an Autonomous Underwater Glider

John Zhang Li
Course II
(September, 2020)
A Planned Approach to High Collision Risk Area

Brendan William O’Neill
Course II
(September, 2020)
Signal Absorption-Based Range Estimator for Undersea Swarms

Nastasia E. Winey
Course II
(September, 2020)
Modifiable Stability and Maneuverability of High Speed Unmanned Underwater Vehicles (UUVs) Through Bioinspired Control Fins

Casey Richard Owen Densmore
Course XII
(September, 2020)
Development and Testing of the AXBT Realtime Editing System (ARES)

Jeffrey Scott Grabon
Course XII
(September, 2020)
An Analysis of Atlantic Water in the Arctic Ocean Using the Arctic Subpolar Gyre State Estimate and Observations

Prameeth Gurumurthy
Course XII
(February, 2021)

Master of Science in Chemical Oceanography

Jessica Stephanie Dabrowski
Course XII
(September, 2020)
Radium Isotopes and Radon-222 as Tracers of Sediment-Water Interaction in Arctic Coastal and Lacustrine Environments

Master of Science in Physical Oceanography

Morgan Grace Blevins
Course XVI
Field-Portable Dissolved Gas Sensing and Perspectives in Aqueous Microplastic Detection
SCHOOL OF ARCHITECTURE AND PLANNING, DOCTORAL

**Doctor of Philosophy**
School of Architecture and Planning

**Chae Won Ahn**
The thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Manufacturing Social Capital; Social Networks through Civic Innovation Initiatives

**Judith Amores Fernandez**
(September, 2020)
The thesis in the field of Media Arts and Sciences: Olfactory Interfaces: Toward Implicit Human-Computer Interaction Across the Consciousness Continuum

**Christoph Bader**
(February, 2021)
The thesis in the field of Media Arts and Sciences: Translational Design Computation

**Mark Emmanuel Brennan**
(September, 2020)
The thesis in the field of Policy, Operations, and Management submitted to the Department of Urban Studies and Planning: Social Policy and Operations Management

**Elizabeth Saari Browne**
The thesis in the field of Architecture: History and Theory of Art submitted to the Department of Architecture: Modeling the Eighteenth Century: Clodion in the Ancien Régime and After

**Pranam Chatterjee**
(September, 2020)
The thesis in the field of Media Arts and Sciences: Robust Genome Editing with Broad-Targeting CRISPR Enzymes

**Madeleine Isabelle Gorkin Daep**
(September, 2020)
The thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Three Essays on Residential Mobility, Housing, and Health

**Renaud Alexis Pierre Emile Danhaive**
(September, 2020)

**Bianca Chelsea Natasha Datta**
The thesis in the field of Media Arts and Sciences: Biologically-inspired Structural Color: Material Design and Fabrication Strategies Drawn from Nature’s Color Palette

**Priyanka Nadia deSouza**

**Ariel Caitlyn Ekblaw**
(September, 2020)
The thesis in the field of Media Arts and Sciences: Self-Aware Self-Assembly for Space Architecture: Growth Paradigms for in-Space Manufacturing

**Cauam Ferreira Cardoso**
(September, 2020)
The thesis in the field of International Development submitted to the Department of Urban Studies and Planning: Technological Change & the Changing Nature of Grassroots Development Organizations: The Case of the Self-Employed Women’s Association of India (SEWA)

**Yonah Sliifkin Freemark**
(September, 2020)
The thesis in the field of Urban and Regional Studies submitted to the Department of Urban Studies and Planning: Mobility Politics: Local Ideologies in the Multi-Jurisdictional Metropolis

**Asma Ghandeharioun**
The thesis in the field of Media Arts and Sciences: Towards Human-Centered Optimality Criteria

**Nabeel Nadir Gillani**
The thesis in the field of Media Arts and Sciences: Designing for a New “ZIP Code Destiny”

**João Pedro Gonçalves Marins Costa**
The thesis in the field of Media Arts and Sciences: Systems of Becoming: Mediating Dialogue Between Nature and Design

**Huma Gupta**
(September, 2020)
The thesis in the field of Architecture: History and Theory of Architecture submitted to the Department of Architecture: Migrant Sarifa Settlements & State-Building in Iraq

**Cristian Ignacio Jara Figueroa**
The thesis in the field of Media Arts and Sciences: Cities, Networks, and Knowledge Spillovers

**Benjamin Eric Jenett**
(September, 2020)
The thesis in the field of Media Arts and Sciences: Discrete Mechanical Metamaterials

**Nicholas F. Kelly**
(February, 2021)

**Matthew Everett Lawson**
(September, 2020)
The thesis in the field of Media Arts and Sciences: Biologically Encoding Augmented Reality: Multiplexing Perceptual Bandwidths

**Michael Chia-liang Lin**
(February, 2021)
The thesis in the field of Media Arts and Sciences: Affordable Autonomous Lightweight Personal Mobility
Brian Dean Mayton  
(September, 2020)  
Thesis in the field of Media Arts and Sciences: Sensor Networks for Experience and Ecology

Juliana Toni Nazare  
(February, 2021)  
Thesis in the field of Media Arts and Sciences: Technology-Assisted Coaching: A System for Children’s Literacy Learning

Laura Jones Perovich  
(September, 2020)  
Thesis in the field of Media Arts and Sciences: From Data Physicalization to Data Experiences: Combining Art, Science, Technology, and Community to Move Towards Collective Action on Environmental Challenges

Nazmus Saquib  
(September, 2020)  
Thesis in the field of Media Arts and Sciences: Embodied Mathematics by Interactive Sketching

Martin Saveski  
(September, 2020)  
Thesis in the field of Media Arts and Sciences: Polarization and Toxicity in Political Discourse Online

Rachel Soo Hoo Smith  
Thesis in the field of Media Arts and Sciences: How to Grow a Spaceship: A Hybrid Living Material (HLM) Framework for Developing Technological Interfaces to Complex Living Systems

Shin Bin Tan  
Thesis in the field of Urban and Regional Planning submitted to the Department of Urban Studies and Planning: Three Essays Examining Social Vulnerability and Place-Based Determinants of Health

Daniel Martin Traficonte  
(February, 2021)  

Irmak İfakat Turan  
(September, 2020)  
Thesis in the field of Architecture: Building Technology submitted to the Department of Architecture: Valuing Design and Designing Value: The Financial Impact of Daylight and Views in Office Building Real Estate

Jessica Ann Varner  
(September, 2020)  

Prashanth Vijayaraghavan  
SCHWARZMAN COLLEGE OF COMPUTING, DOCTORAL

Doctor of Philosophy
Schwarzman College of Computing

Rui Sun
(September, 2020)

Jinglong Zhao
Doctor of Science

SCHOOL OF ENGINEERING, DOCTORAL

Doctor of Science
School of Engineering

Tyler T. Hamer
Thesis in the field of Mechanical Engineering: A Permanent Magnetic Dipole Reaction Sphere Actuator for Spacecraft Attitude Control

Brandon James Lahmann
Thesis in the field of Nuclear Science and Engineering: Using Fusion-Product Spectroscopy to Diagnose Inertial Confinement Fusion Implosions and Study Stopping Power on OMEGA, the NIF, and Z

Talal Mulla Mahmoud
Thesis in the field of Civil Engineering submitted to the Department of Civil and Environmental Engineering: Fracture Mechanics in the Semigrand Canonical Ensemble

Anoop Rajappan
(September, 2020)

Mary Elizabeth Wagner
Thesis in the field of Materials Science and Engineering: New Methodology to Model Metal Chemistry at High Temperature

Doctor of Philosophy
School of Engineering

Mohamed Radwan Abdelhamid
Thesis in the field of Electrical Engineering and Computer Science: Low Power Adaptive Wireless Circuits for In-Body Implants

Akshay Agarwal
(September, 2020)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Techniques for Enhancing Electron Microscopy

Giulia Agostinelli
(September, 2020)
Thesis in the field of Nuclear Science and Engineering: Advancement of Closure Relations for Annular Flow Modeling in CFD

Raj Agrawal
Thesis in the field of Electrical Engineering and Computer Science: Practical Methods for Scalable Bayesian and Causal Inference with Provably Quality Guarantees

Yvania Daniella Ahdab
(February, 2021)
Thesis in the field of Mechanical Engineering: Performance and Economics of Monovalent Selective Electrodialysis Desalination for Irrigation

Abdulaziz Mohammad Albaiz
(February, 2021)
Thesis in the field of Computational Science and Engineering submitted to the Department of Civil and Environmental Engineering: Decentralized Dynamic Load-Balancing Framework for Large-Scale Particle-Based Simulations

Anas Ibrahim Al Bastami
(September, 2020)
Thesis in the field of Electrical Engineering and Computer Science: Efficient Radio Frequency Power Generation and Impedance Matching

Abdulla Abdulaziz Alhajri
(September, 2020)
Thesis in the field of Computational Nuclear Science and Engineering: A Monte Carlo Framework for Nuclear Data Uncertainty Propagation via the Windowed Multipole Formalism

Maryam Aliakbarpour
(September, 2020)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Distribution Testing: Classical and New Paradigms

Caleb Amy
(September, 2020)
Thesis in the field of Mechanical Engineering: Thermal Energy Grid Storage: Liquid Containment and Pumping

Luke James Anderson
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Languages and Compilers for Rendering and Image Processing

Nicolaas Manuel Angenent-Mari
Thesis in the field of Biological Engineering: Synthetic Biology and Artificial Intelligence for Next Generation Nucleic Acid Diagnostics

Sandeep Badrinath
Thesis in the field of Aeronautics and Astronautics: Modeling and Control of Queueing Networks: Applications to Airport Surface Operations

Changyeob Baek
(February, 2021)

Michiel Anton Bakker
(September, 2020)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Algorithmic Fairness in Sequential Decision Making

Utsav Banerjee
Thesis in the field of Electrical Engineering and Computer Science: Efficient Algorithms, Protocols and Hardware Architectures for Next-Generation Cryptography in Embedded Systems

Antonio Eric Barberio
(September, 2020)
Thesis in the field of Chemical Engineering: Layer-by-Layer Nanoparticles for Cytokine Delivery to Treat Cancer
Jackson Joseph Bauer
Thesis in the field of Materials Science and Engineering: Growth and Characterization of Polycrystalline Rare Earth Iron Garnets and Heterostructures

Anastasiya Belyaeva
(February, 2021)
Thesis in the field of Computational and Systems Biology: Computational Methods for Analyzing and Modeling Gene Regulation and 3D Genome Organization

Sarah Christine Bening
(February, 2021)
Thesis in the field of Computational and Systems Biology: Computational Methods for Analyzing and Modeling Gene Regulation and 3D Genome Organization

Alex Benjamin
(September, 2020)
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: 3D Organ Property Mapping Using Freehand Ultrasound Scans

Mindy Deanna Bishop
(February, 2021)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Progress in Nanosystems for Computing and Health

Davis Whitaker Blalock
(September, 2020)
Thesis in the field of Electrical Engineering and Computer Science: Fast Building Blocks for Machine Learning

David Allan Bloore
Thesis in the field of Nuclear Science and Engineering: Spin-Aware Neural Network Interatomic Potential for Atomistic Simulation

Jeffrey Bosboom
(September, 2020)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Exhaustive Search and Hardness Proofs for Games

Matthew S. Brennan
Thesis in the field of Electrical Engineering and Computer Science: Reducibility and Statistical-Computational Gaps from Secret Leakage (Posthumous Award)

Edward Emmett Burnell
(September, 2020)
Thesis in the field of Mechanical Engineering: A Worker-Centered Approach to Convex Optimization in Engineering Design

Lucas Christopher Cahill
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Rapid Evaluation of Pathology Using Nonlinear Microscopy with Applications in Breast Cancer, Prostate Cancer, and Renal Disease

José Pablo Cambroneró Sánchez
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Software Engineering for AutoML

Benjamin Clive Cameron
(February, 2021)
Thesis in the field of Civil and Environmental Engineering: Expanding the Limits of in-situ Mechanical Tests Using Data Analytics and Continuum Mechanics

Yuan Cao
(September, 2020)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Study Of Electronic Correlation And Superconductivity In Twisted Graphene Superlattices

Max Carlson

Paphonwit Chaiwatanodom
Thesis in the field of Chemical Engineering: Fault Detection and Identification of Large-Scale Dynamical Systems

Hao-Yu Derek Chang
Thesis in the field of Civil Engineering and Computation submitted to the Department of Civil and Environmental Engineering: Risk Assessment and Optimal Response Strategies for Resilience of Electric Power Infrastructure to Extreme Weather

Chung-Yun Chao
(September, 2020)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Engineering of Tools for De Novo Assembly of Human Cells

Amanda Chen
(February, 2021)
Thesis in the field of Biological Engineering: Probing the Role of Cell-Cell Interactions in Hepatic Ensembles

Hongge Chen
(February, 2021)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Robust Machine Learning Models and Their Applications

Samuel Chapman Chevalier
(February, 2021)

Joonwon Choi
(February, 2021)
Thesis in the field of Electrical Engineering and Computer Science: Structural Design and Proof of Hierarchical Cache-Coherence Protocols

Guillaume Pierre Chossière
(February, 2021)
Thesis in the field of Aerospace, Energy, and the Environment submitted to the Department of Aeronautics and Astronautics: Atmospheric Impacts and Potential for Regulation of Current and Emerging Technologies in Transportation

Jonathan Ju-En Chou
(September, 2020)
Thesis in the field of Chemical Engineering: Engineering Nanolayers for Localized Delivery of siRNA
Jane Yuen Yung Chui
(September, 2020)
Thesis in the field of Civil and Environmental Engineering: Mixing with Complex Patterns: from the Impact of Miscible Viscous Fingering to the Effects of Motile Bacteria

James R. Clark
(September, 2020)
Thesis in the field of Aeronautics and Astronautics: Space-Based Laser Guide Stars for Astronomical Observatories

Thomas Charles Close, Jr.
(February, 2021)
Thesis in the field of Chemical Engineering: Kinetic Analysis of Leaching Reactions in Multi-component Mineral Systems

Max Joseph Cotler
(September, 2020)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Single Subcompartment Drug Delivery

Carolyn Patricia Coyle
(September, 2020)
Thesis in the field of Nuclear Science and Engineering: Advancing Radiative Heat Transfer Modeling in High-Temperature Liquid-Salts

Avilash Kalpathy Cramer
(February, 2021)
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Design and Applications of Cold-Cathode X-ray Imaging Systems

Isabel R. Crystal
Thesis in the field of Materials Science and Engineering: Size Effects in Shape Memory Ceramics

Ang Cui
Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Systems Biology Approaches to Deciphering Complex Immune Responses

Marco Francis Casumano-Towner
(September, 2020)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Gen: A High-Level Programming Platform for Probabilistic Inference

Erika Alden DeBenedictis
(September, 2020)
Thesis in the field of Biological Engineering: Engineering Exclusively-Quadruplet Codon Translation in vivo

Skyler Deckoff-Jones
Thesis in the field of Materials Science and Engineering: Chalcogenide Glass on Layered van der Waals Crystals for Integrated Photonic Devices

Zhiwei Ding
(September, 2020)
Thesis in the field of Materials Science and Engineering: Phonon Hydrodynamic Transport at Elevated Temperature

Kimberly Tam Dinh
(September, 2020)
Thesis in the field of Chemical Engineering: Catalytic Conversion of Methane to Partially Oxidized Products over Copper-Exchanged Zeolites

Kieran Patrick Dolan
(February, 2021)
Thesis in the field of Nuclear Science and Engineering: Tritium Retention in Nuclear Graphite, System-Level Transport, and Management Strategies for the Fluoride-Salt-Cooled High-Temperature Reactor

Siyuan Dong
(February, 2021)
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: High-Resolution Tactile Sensing for Reactive Robotic Manipulation

Wentao Dong
(September, 2020)
Thesis in the field of Chemical Engineering: Exploring Cancer Metabolism Through Isotopic Tracing and Metabolic Flux Analysis

Jennifer Fox Drexler
(September, 2020)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Improving End-to-End Neural Network Models for Low-Resource Automatic Speech Recognition

Pablo Philippe Ducru Clouthier
Thesis in the field of Computational Nuclear Science and Engineering: Nuclear Computations Under Uncertainty

Emma Chute Edwards
(September, 2020)
Thesis in the field of Mechanical Engineering: Optimization of the Geometry of Axisymmetric Point-Absorber Wave Energy Converters

Daniela Espinosa Hoyos
(September, 2020)
Thesis in the field of Chemical Engineering: Engineering Myelination In Vitro

Michael F. Everett
(September, 2020)
Thesis in the field of Mechanical Engineering: Algorithms for Robust Autonomous Navigation in Human Environments

Boyu Fan
(September, 2020)
Thesis in the field of Mechanical Engineering: Instabilities of Finite-Width Internal Wave Beams

Elaheh Fata
(September, 2020)
Thesis in the field of Controls submitted to the Department of Aeronautics and Astronautics: New Problems in Revenue Management, Theory and Applications

Andrew F. Feldman
Thesis in the field of Hydrology submitted to the Department of Civil and Environmental Engineering: Soil-Plant-Atmosphere Coupling during Interstorm Periods

Stephen A. Filippone
Thesis in the field of Materials Science and Engineering: Synthesis and Characterization of Chalcogenide Perovskites
Joseph Tyler Finley  
(September, 2020)  
Thesis in the field of Electrical Engineering and Computer Science: Spintronics Using Low Magnetization Materials

Riley McCrea Fitzgerald  

Matthew Thomas Flavin  
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Electrochemical Modulation of Peripheral Nerves Using Ion-Selective Electrodes

Dimitrios Fraggedakis  
Thesis in the field of Chemical Engineering: Electrochemical and Transport Processes in Ion Intercalation Materials

Kristoffer M. Frey  
Thesis in the field of Controls submitted to the Department of Aeronautics and Astronautics: Belief-Space Planning for Real-World Systems: Efficient SLAM-Based Belief Propagation and Continuous-Time Safety

Terry Zhi Hao Gani  
(September, 2020)  
Thesis in the field of Chemical Engineering: Mechanistic Studies and Design of Supported Single-Site Transition Metal Complexes

Cherry Gao  
(September, 2020)  
Thesis in the field of Biological Engineering: Ecological Insights through Single-Cell Measurements of Marine Bacteria

Linyi Gao  
(September, 2020)  
Thesis in the field of Biological Engineering: Discovery and Engineering of Antiviral Defense Systems in Bacteria and Archaea

Vikas K. Garg  
(September, 2020)  
Thesis in the field of Electrical Engineering and Computer Science: Graph Guided Predictions

Baoliang Ge  
Thesis in the field of Mechanical Engineering: Single-Shot Quantitative Interferometric Microscopy for Imaging High-Speed Dynamics

Ryan Joseph Gillis  
(September, 2020)  
Thesis in the field of Chemical Engineering: Sulfur Chemistry in Theory and Application

Leilani Hendrina Gilpin  
(September, 2020)  
Thesis in the field of Electrical Engineering and Computer Science: Anomaly Detection through Explanations

Guillaume Louis Giudicelli  
(September, 2020)  

Jon Ferdinand Ronge Gjengset  
(February, 2021)  
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Partial State in Dataflow-Based Materialized Views

Emerson Walker Glassey  
Thesis in the field of Biological Engineering: Design of Post-Translationally Modified Peptides by Combining Enzymes from Diverse Pathways

Rahul Gopalkrishnan  
(September, 2020)  
Thesis in the field of Electrical Engineering and Computer Science: Advances in Deep Generative Modeling for Clinical Data

William Nicholas Greene  
(February, 2021)  
Thesis in the field of Autonomous Systems submitted to the Department of Aeronautics and Astronautics: Leveraging Prior Information for Real-time Monocular Simultaneous Localization and Mapping

Jason S. Gross  
(February, 2021)  
Thesis in the field of Electrical Engineering and Computer Science: Performance Engineering of Proof-Based Software Systems at Scale

Yue Guan  
(February, 2021)  
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Design and Optimization of Shared Mobility on Demand: Dynamic Routing and Dynamic Pricing

Markus Guerster  
(September, 2020)  
Thesis in the field of Space Systems submitted to the Department of Aeronautics and Astronautics: Revenue Management and Resource Allocation for Communication Satellite Operators

Aditi Gupta  
(February, 2021)  
Thesis in the field of Medical Engineering and Medical Physics submitted to the Harvard-MIT Program in Health Sciences and Technology: Human Interaction and Gait Strategy with Tightly-Coupled Lower-Extremity Systems

Satish Kumar Gupta  
Thesis in the field of Mechanical Engineering: Linear and Non-Linear Mechanical Nature of a Living Mammalian Cytoplasm

Cynthia Hajal  
(February, 2021)  
Thesis in the field of Mechanical Engineering: Engineered Microvascular Brain-on-a-Chip Model for the Study of Tumor Progression

Jinchi Han  
Thesis in the field of Electrical Engineering and Computer Science: Active Micro-/Nano-Structures for Electromechanical Actuation

Advanced Degrees  77
Erika Daphne Handly  
(February, 2021)  
Thesis in the field of Biological Engineering: CRISPRi Screens to Identify Combination Therapies for the Improved Treatment of Ovarian Cancer

Junli Hao  
Thesis in the field of Chemical Engineering: Fibrous Membranes in Personal Protective Applications

Sterling M. Harper  
(September, 2020)  
Thesis in the field of Nuclear Science and Engineering: Tally Derivative Based Surrogate Models for Faster Monte Carlo Multiphysics

Noor Titan Putri Hartono  
Thesis in the field of Mechanical Engineering: Improving the Environmental Stability of Methylammonium-Based Perovskite Solar Cells

David S. Hayden  
Thesis in the field of Electrical Engineering and Computer Science: Uncertainty Quantification and Structure Discovery for Scalable Behavior Science

Yanpu He  
(February, 2021)  
Thesis in the field of Chemical Engineering: Layer-by-layer Coated Microneedles for Cancer Immunotherapy

Brian Lance Hie  
Thesis in the field of Electrical Engineering and Computer Science: Algorithms for Understanding and Fighting Infectious Disease

Rachel Marie Hoffman-Bice  
Thesis in the field of Mechanical Engineering: Precision Assembly of Underconstrained Heavy Shafts Suspended By Multiple Cables From A Robotic Crane

Jack Wade Holloway  
(February, 2021)  
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: Energy Efficiency Sub-THz Interconnect

Moo Sun Hong  
Thesis in the field of Chemical Engineering: Model-based Design and Control of Biopharmaceutical Manufacturing Processes

Yuanning Hu  
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Taichi: A Productive Programming Language for Sparse, Differentiable, and Quantized Visual Computing Systems

Shengnan Huang  
(September, 2020)  
Thesis in the field of Materials Science and Engineering: Plasmon Enhanced Fluorescence for in vivo Applications

Lukasz Marek Huchel  
Thesis in the field of Electrical Engineering and Computer Science: Diagnostics for Periodically Excited Actuators

Sagar Indurkhya  
(February, 2021)  
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Solving for Syntax

Rupamathi Jadvivada  
(September, 2020)  
Thesis in the field of Electrical Engineering submitted to the Department of Electrical Engineering and Computer Science: A Unified Modeling for Control of Reactive Power Dynamics in Electrical Energy Systems

Rohan Jaishankar  
Thesis in the field of Electrical Engineering and Computer Science: A Spectral Approach to Noninvasive ICP Estimation: From Modeling to Clinical and Experimental Validation

DI Jin  
(September, 2020)  
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Transfer Learning and Robustness for Natural Language Processing

Ross Daniel Jones  
(September, 2020)  
Thesis in the field of Biological Engineering: Genetic Devices for Robust, Context-Independent Control of Gene Expression Levels in Mammalian Cells

Alexander Timo Jörger  
Thesis in the field of Air-Breathing Propulsion submitted to the Department of Aeronautics and Astronautics: Incorporation of High-Fidelity Flow Field Information into Preliminary Design of Multi-Stage Axial Compressors

Julia Joung  
(February, 2021)  
Thesis in the field of Biological Engineering: Applications of Forward Genetic Screens to lncRNAs, Cancer Immunotherapy, and Cellular Engineering

Giyoun Jung  
(February, 2021)  
Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Engineering Mammalian Cell Line for N-linked Glycosylation Control

Igor Kadota  
(September, 2020)  
Thesis in the field of Communications and Networks submitted to the Department of Aeronautics and Astronautics: Age of Information in Wireless Networks: Theory and Implementation

Ashley Louise Kaiser  

Timothy F. S. Kaler  
(September, 2020)  
Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Programming Technologies for Engineering Quality Multicore Software
Hao Kang
Thesis in the field of Civil and Environmental Engineering: Numerical and Experimental Study of Rock Fracture Creep Under Dry Conditions

Michael George Kapteyn
Thesis in the field of Computational Science and Engineering: Mathematical and Computational Foundations to Enable Predictive Digital Twins at Scale

Swati Kataria
Thesis in the field of Health Sciences and Technology submitted to the Harvard-MIT Program in Health Sciences and Technology: Rare-Earth Nanoparticles for Non-invasive In Vivo Imaging of Immune Cells in Cancer Immunotherapy

Kenji Kawaguchi
(September, 2020)
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: On Optimization and Scalability in Deep Learning

Ali Khalatpour
(September, 2020)
Thesis in the field of Electrical Engineering and Computer Science: New Frontiers in THz Quantum Cascade Lasers

Harneet Singh Khurana
(February, 2021)
Thesis in the field of Electrical Engineering and Computer Science: Energy Efficient SAR ADC with Resolution Enhancement for Sensor Signals

Beomjoon Kim
(September, 2020)
Thesis in the field of Computer Science and Engineering submitted to the Department of Electrical Engineering and Computer Science: Representation, Learning, and Planning Algorithms for Guiding Task-and-Motion Planning

Samuel Sungil Kim
Thesis in the field of Electrical Engineering and Computer Science: Computational Methods to Dissect the Genetic Basis of Human Disease

Sunho Kim
(September, 2020)
Thesis in the field of Materials Science and Engineering: Defect and Electrical Properties of High-k Dielectric Gd$_2$O$_3$ for Magneto-Ionic and Memristive Memory Devices

Andras Laszlo Andor Kiss
(February, 2021)
Thesis in the field of Aeronautics and Astronautics: Forced Response System Identification of Gas Turbine Fan Flutter

William Lawrence Koch
Thesis in the field of Nuclear Science and Engineering: Construction and Testing of a Portable Time Projection Chamber for Fast Neutron Detection

Ravikishore Komnajosyula
(September, 2020)
Thesis in the field of Mechanical Engineering and Computer Science submitted to the Department of Mechanical Engineering: Development and Assessment of a Physics-Based Model for Subcooled Flow Boiling with Application to CFD

Reed Alan Kopp
Thesis in the field of Materials and Structures submitted to the Department of Aeronautics and Astronautics: X-ray Micro-Computed Tomography and Deep Learning Segmentation of Progressive Damage in Hierarchical Nanoengineered Carbon Fiber Composites

Yamini Krishnan
(September, 2020)
Thesis in the field of Chemical Engineering: Intra/Extracellular Multi-Drug Delivery for Osteoarthritis

Chinmay Sameer Kulkarni
(February, 2021)
Thesis in the field of Mechanical Engineering and Computation submitted to the Department of Mechanical Engineering: Prediction, Analysis, and Learning of Advective Transport in Dynamic Fluid Flows

Shikhar Kumar

Stephen Tsz Tang Lam
(September, 2020)
Thesis in the field of Nuclear Science and Engineering: Accelerated Atomistic Prediction of Structure, Dynamics and Material Properties in Molten Salts

Natalie Lao
(September, 2020)
Thesis in the field of Electrical Engineering and Computer Science: Reorienting Machine Learning Education Towards Tinkerers and ML-Engaged Citizens

David Frederick Hasson Larson
Thesis in the field of Mechanical and Oceanographic Engineering submitted to the Department of Mechanical Engineering: Quasi-Monte Carlo and Picard Iteration Algorithms for the Nonlinear Hydrodynamics, Dynamics and Controls of Wave Energy Converters

Nikifar Lazouski
(See also S.M., Course X-A)
Thesis in the field of Chemical Engineering: Development of a Lithium-Mediated Nitrogen Reduction Process

Guang-He Lee
Thesis in the field of Computer Science submitted to the Department of Electrical Engineering and Computer Science: Building Transparent Models

HaeYeon Lee
Thesis in the field of Materials Science and Engineering: Interface-Governed Optical Properties of Van der Waals Heterostructures

Sang Uk Lee
Thesis in the field of Mechanical Engineering: Cognitive Human Activity and Plan Recognition for Human-Robot Collaboration
<table>
<thead>
<tr>
<th>Name</th>
<th>Thesis Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yin Jin Lee</td>
<td>Thesis in the field of Engineering Systems: Sustainable Agri–Food Supply</td>
</tr>
<tr>
<td></td>
<td>Chains: Consumer Demand and Company Sourcing Practices</td>
</tr>
<tr>
<td>McLain Evan Leonard</td>
<td>Thesis in the field of Chemical Engineering: Engineering Gas Diffusion</td>
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<tr>
<td></td>
<td>Electrodes for Electrochemical Carbon Dioxide Upgrading</td>
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