



**MICHIGAN
ENGINEERING**
UNIVERSITY OF MICHIGAN

Graduation

UNIVERSITY OF MICHIGAN
COLLEGE OF ENGINEERING

MAY 1, 2021



Congratulations

TO THE CLASS OF

2021



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Salute to the Graduates

To the Graduates of the Class of 2021:

Congratulations! You did it.

After years of study, volumes of projects and papers, dozens of tests and a once-in-a-century global pandemic, you have attained the honor of graduate of the University of Michigan College of Engineering.

For some of you, this day was long anticipated. For others, challenges loomed at every turn. In any case, you would not be here had you not put in the work. You earned it.

My sincere hope is that each of you will proudly embrace the resilience you have demonstrated. Think about how the world has changed in a year. One profound shift forced your greater awareness of the impact of separation and the transience of life. Recall your initial thoughts and your subsequent actions. Whatever it took, you endured, learned about yourself and adapted to your circumstances. You made it to graduation during one of the most challenging academic years in recent history.

While pursuing your aim, in this implausible reality, you still found many ways to help others. You spoke out against systemic racism, sexism and other “isms” that deny our shared humanity. Young aspiring engineers felt inspired by your encouragement. Organizations discovered new possibilities through your insights. You served the common good.

Your determination will serve you well wherever life takes you next. As an engineer, a Michigan Engineer, you will be called on to respond to big challenges. Some could be directly related to what you have experienced. Perhaps you will study biomedical responses to viruses to protect future generations. Maybe you will create a technology company from this economic disruption that will revolutionize a sector, creating jobs and hope for millions. You might be energized to establish a nonprofit, or enter government service, to develop new paradigms or policies that strengthen your community, region or nation.

Some of your future challenges will be intensely personal, as you manage new surroundings, new relationships and new self-awareness.

The journey you have just completed will make easier the one you will confront. Draw on your strength. Reach out to close friends and family. Ask for help. Trust that you are equipped for the moment, even when the moment seems to overwhelm. Believe – you can do it.

Class of 2021, I salute you.



Alec D. Gallimore, Ph.D.
Robert J. Vlasic Dean of Engineering
Richard F. and Eleanor A. Towner Professor of Engineering
Arthur F. Thurnau Professor, Aerospace Engineering





Student Speaker



Kiana Sadri
(BSE BME '21)
Biomedical Engineering

KIANA SADRI IS GRADUATING with a BSE in Biomedical Engineering with a biochemical concentration. During her time at the University of Michigan, she served as president of Michigan Neuroprosthetics (MNP), a student organization that designs and builds pediatric prosthetic arms. She led the team to expand their partnerships nationally and internationally and also was a 2020 top-10 national finalist of the Biomedical Engineering Society (BMES) Medtronic Competition. She has also served as Pre-Medical Club Co-President, Engineering Research Symposium Co-Chair, and an Instructional Assistant. This summer, Kiana will continue on the board of DetroitVITALS, a non-profit free telehealth clinic, and as a research assistant at the University of Michigan's Matthew Labs researching kidney disease.



Degree Candidates Lists

The University of Michigan Office of the Registrar and the Horace H. Rackham School of Graduate Studies provide the December 2020, May and August 2021 degree candidates lists. These lists are complete as of the submission deadlines established by these offices. While every effort is made to ensure accuracy in this program, with respect to degrees awarded and undergraduate honors conferred, it cannot be guaranteed. The academic transcript, available through the Office of the Registrar, is the official record of a graduate's degrees and honors.

Honors Recognition

An undergraduate student graduating with at least 45 hours of credit, completed with grades while enrolled at the University of Michigan College of Engineering (or as directed by the Executive Committee of the College), may be recommended for a degree with honors on the graduate's diploma and transcript. These official honors will be calculated after final grades are submitted following graduation. Distinctions will be determined according to the following criteria:

Distinction	GPA
Cum Laude	3.20 – 3.49
Magna Cum Laude	3.50 – 3.74
Summa Cum Laude	3.75 – 4.00
Honors Program	Are identified in the degree candidate listings by a [^]

NOTE: *As official honors cannot be calculated until final grades are submitted, distinctions in this printed program, with the exception of December graduates, are considered unofficial. These unofficial distinctions are determined using the undergraduate student's grade point average from the previous fall term. For official honors, please reference the graduate's diploma and/or transcript.*

Bachelor of Science in Computer Science and Data Science distinctions are not identified in this program, as they are determined using different criteria.



Bachelor of Science

Computer Science

Christian Abeyta
 Bandar H. Al-Dhalaan
 Amen Jassim Al-Moamen
 Haydar Amin
 Sabina Anand
 Scott Andersen
 William Wyler Andrews
 Osamah Ali Ansari
 Noah Paul Antal
 Matthew Philip Axner
 Mollie Frances Bakal
 Quinten Burtch Baker
 John Robert Bandon
 John Karm Banna
 Ila Maria Batah
 Rohan Batra
 Kevin Caceres Begic
 Nicole Marie Belans
 Max David Berkowitz
 Adam Michael Berry
 Fatima Alzahra
 Bouhamdan
 Hailey Shea Brew
 Vincent Jingtong Cao
 Gavin Teahen Carpenter
 Ashley Anne Carroll
 Akshay Sequeira Chacko
 I Hun Chan
 Nigel D. Charleston
 Subhan Waseem Chaudry
 Juefeng Clarence Chen
 Junshan Chen
 Kevin Chen
 Letao Chen
 William Wei Chi Chen
 Yi Chen
 Fengyang Cheng
 Yiqi Cheng
 Eric Chiang
 Srimanisha Chilamkurthi
 Pavani Chilukuri
 Austin Choi
 Kirtana S. Choragudi
 Marta Elena Clanton
 Rafael Edoardo
 Co Seteng
 Q Cong
 Noah Benjamin Cooper
 Nicholas Daniel Cotton
 Nicholas Michael Curtis
 Yuze Dai
 Keira Rochelle Damaska
 Eric Himanshu Desai
 Stephen J. Dinka
 Mathew Dipuccio
 Ania Dlugosz
 Jing Dong

Rui Dong
 Anand Ravi Dukkupati
 Keegan Riley Autio Elliott
 Hannah Elizabeth
 Engelman
 Madison Lee Ericksen
 Lesley Escobar
 Xizi Fang
 Jiani Fei
 Weixin Feng
 Samantha Ryan Fitch
 Justin T. Flanagan
 Brendan Michael
 Flanagan
 Tyler Patrick Fuelling
 Janis Fuh
 Patrick Thomas Fulton
 Dhanuj Mount Gandikota
 Austin J. Gandolfi
 Runyu Gao
 Agustina Garate Griot
 Gabriel Andrew Garfinkel
 Lily Ge
 Kyle Andrew Gericke
 Sean Patrick Getty
 Nikola Gjakovik
 David Leroy Golm
 Shane Antonio Jesito
 Gomindes
 Colby Jason Green
 Agustina Garate Griot
 Bavish Gummadi
 Reuben Chase Gutmann
 Austin Haag
 Louis Saleh Hamati
 Chelsea Victoria Henning
 Jacob Michael Hodgson
 Nicholas Lloyd Hoffman
 Kevin Hou
 Elaina Li-Xin Hsu
 Hanqing Huang
 Kexin Huang
 Adam D. Ihm
 Johanan Nithilan Isaac
 Saika Islam
 Zekun Jia
 Rong Jin
 Elizabeth Joy Johnson
 Adam Kahana
 Bethari Kamarga
 Emily Rena Kao
 Jason Allen Kathawa
 Jaroslaw Kawa
 Molly Keenan
 Umer Farooq Khan
 Roman C. Khzouz
 Ryan Cal Khzouz
 Andrew Dongwook Kim
 Bella Kim

John S. Kim
 Rohan Bhushan Kulkarni
 Sarah Thomas Kunkel
 Bada Kwon
 Andrew David Lambert
 Andrew Treat Lanham
 Taylor Lansey
 Sophie Suk Mun Lau
 Cassondre C. Layden
 Chloe Michelle Leblanc
 James Aaron Lechtner
 Margaret Geling Lee
 Sarah Lee
 Derek Li
 Jordan Huawen Li
 Larry Li
 Michael K. Li
 Minglun Li
 Yilin Li
 Yinghao Li
 Yuxin Li
 Zehua Li
 Shangbo Liao
 Joseph Lisi
 Ryan Christian Caseri Little
 Eric M. Littman
 Alice Mei Liu
 Nan Liu
 Xinyi Liu
 Paul Luo
 Yingchen Ma
 Sweta Mahapatra
 Zahra Mohamad Khalil
 Makki
 Simran Malik
 Kevin Alexander Mallires
 Kyra Mangasarian
 Arun V. Massand
 John Robert McCartney
 Kevin John McShane
 Rishav Mehta
 Zachary Thomas Meister
 Cooper Lawrence Mitzel
 Hannah Heesoo Moon
 Matthew Murray
 Emma Anne Muth
 Ram Natla
 Swaraj J. Nayegandhi
 Nathan Nguyen
 Marisa O'Gara
 Brendan John O'Leary
 Benjamin Elco
 Oostendorp
 Susana Ortega
 Connor Matthew Page
 Vaishnavi Parankusham
 Jiwon Park
 Earth A. Patel
 Parth Dilesh Patel

Vijay K. Patel
 Marco Perez
 Karina Rebecca Peters
 Noah Anthony Pinter
 Rebecca L. Poirier
 Matthew Jacob Powers
 Jiankai Pu
 Jialiang Qu
 Sarah Rabadi
 Divya Ramanathan
 Husain Rasheed
 Samuel L. Rechsteiner
 David Leo Reihl
 Joshua O. Reminga
 Sebastien Alistair Rivest
 Charles E. Rose
 Jason Whitaker Ross
 Alex Ruan
 Joshua Robert Rumsey
 Iffat Saiyara
 Abhinav Saksena
 Angela M. Salacata
 Md Zarif Sami
 Juan Sanchez
 Katherine E. Sanchez
 Stephen Patrick Satarino
 Kaylina Savela
 Elijah Vincent Scherz
 Adam Jacob Schreck
 Joseph Miller Schuman
 Allison Rose Schwaeber
 Ari Schwartz
 David James Seago
 Xinyun Shen
 Tiger Dingming Shi
 Alexander Evan Shulman
 Aditya Manjusha Shylesh
 Yiran Si
 James J. Sliwa, Jr.
 Brian Smythe
 Xiao Song
 Pavitra Srinivasan
 Dustin Connor Stabinski
 Meixuan Sun
 Huzefa Idris Taher
 Atharva Talpade
 Min Y. Tan
 Alan William Tang
 Wenfei Tang
 Graham M. Tarling
 Bennet Fain Tierney
 Dipika Tiwari
 Timothy Trudeau
 Maximilian Utrecht
 Janet Hang Vu
 Ethan Leslie Walsh
 Alex Z. Wang
 Jiamu Wang
 Sarah Xiaohua Wang

BS

Bachelor of Science

Shiwen Wang
Tianquan Wang
Tony Arthur Wang
Yunhao Wang
Ziyue Wang
Blake Johnson Watson
Andrew Chao Yang Wei
Ningrui Wei
Justin Michael Welc
Rachel Kim Westrick
Elena Grace Wilner
Alexander Woo
Dara Kaneko Woo
Ian Micaiah Woodfill
Jacey Lee Workum
Ke Wu
Naicheng Wu
Qinwei Wu
Benjamin J. Wurman
Jim Xie
Linxuan Xie
Qinjuan Xie
Jamie Yadoff
Mirei Ellen Yamamoto
Zhipeng Yan
Floney Yang
Frank Yang
Kyle S. Yasuda
Olivia Yie
Alice C. Ying
Jiaxin Ying

Han You
Yuzhe You
Darren Young
Kelvin Wang Yu
Shuyan Yu
Daniel Saul Zacks
Daniel Evan Zakon
Adam Zhang
Amanda Shian Zhang
Jinghan Zhang
Shuao Zhang
Shuyang Zhang
Zhaoyuan Zhang
Zhongman Zhang
Zijian Zhang
Ziyi Zhang
Tianhao Zhao
Yajing Zhao
Jiayun Zheng
Hanping Zhong
Jeff Zhou
Xiangfeng Zhu
Ming Zhuang
Jacob Scott Zion
Robert Zofchak

Data Science

Clare Rose Affinito
Chintan Ajaykumar Ajmera
Yiqi Cheng
Jung Hwan Chi

William P. Chown
Allison Hope Cohen
Sara Nef Cooper
John Louis Corio
Nicholas Michael Curtis
Cameron W. Danyo
Vincent Qu Dee
Adam C. DeHollander
John Duan
Tyler Patrick Fuelling
Dhanuj Mount Gandikota
Solomon Aaron Gruse
Aylin Ece Gunal
Milan Sunil Gupta
Zachary Aaron Gusho
Erin Haley
Elaina Li-Xin Hsu
Sara Ann Husketh
Tianyu Jiang
Adam Kahana
Ross Preskin Kempner
Suhyun Kim
Gavin Li
Wanqi Liang
Li Hsuan Lin
Johnny Liu
Janet Lu
Zixuan Luo
Eric Peter Margolin
Nathan Martin
Erik James McKeen

Matthew Vincent Mercier
Kyle Ziye Mei
Justin T. Meisner
Zachary Thomas Meister
Alexander Michael Meyers
Justin D. Moore
Daniel Mularz
Yoko Nagafuchi
Ashwin Sarma Pothukuchi
Charles Thomas Reinertson
Lydia Joyce Rogers
Abraham Robert Schon
Hanissa Binti Shamsuddin
Nathan Daniel Shepherd
Ronak Shetty
Svetha Vallinayaki Subbiah
Brant Thomas Verlinde
Jiamu Wang
Tianquan Wang
Zehua Wang
Ziyue Wang
Jim Xie
Tian Xie
Chao Peter Yang
Frank Yang
Zion Yang
Amanda Yao
Zhenhui You
Yuwen Zhang
Zihao Zhou

Bachelor of Science in Engineering

Aerospace Engineering

Israa M. Ali
Gabriel August Arthur***
Alec Matthew Ash***
Peter James Barr*
Elizabeth Anne Baubkus***
Logan Paul Bergeron**
Sara Therese Casaletto***
Delphine Chen
Lauren Walkuski Citkowski*
John Cooney*
Trena Datta**
Tanner David Dean*
James Davison DeCamp**
Alexander Clayton Dove***
Ege Deniz Duman**
Megan Ruth Ennis**
Joseph P. Fegghi
Isaiah Dov-Freedman
Fleischer***
Casey Joseph Fortman***

Cameron Scott Gable
Anna Garcia*
Parker McKee George
Michael Alexander
Grasinski*
Alexander Matthew
Greer***
Torrence K. Gue**
Glen Joseph Haggin*
Jared Tauno Hill
Jack Andre Hondagneu**
Ryan M. Hopkins*
Max Pierce Housner***
Abigail Blair Huff**
Brandon Nicholas Hughes
Dominique
Yasmyne-Yvonne John
Joshua David
Kepczynski***
Patrick Sterling Kersch
Jason William Klass*
Keon R. Koochesfahani**

Jacoby Kroschel*
Avinash Kumar**
Luke Michael LaFave**
Aleister Phillip Lenhardt*
Eli Levine*
Hansen Li***
Nathan Li***
Arturo Lopez
Ho Him Felix Lui***
Antonio Luis
Maldonado-Lovato
Giuliana Mannarino***
Lennon Elizabeth Metz**
Maien Mi
Kalvin Young Monroe***
Khanh Hoang Ngô*
Tyler Rex Pangerl*
Andrew Pavon*
Elisheva Rivka Phillips***
Filip Karol Platek**
Claire Elizabeth Podiak*
Harrison Michael Price**

Anishraja Rajesh**
Dominic Anthony Ramire***
Rodrigo Marcel Ramirez
Lescano**
Sergio Ramirez Sabogal*
Mansel David Reed
Raphael John Rosal**
Jonathan Donald Rossio*
Jerremy Mitchell
Russkoff**
Erik C. Rutyna**
Ronald L. Sagers III
Alexander David Samra*
Brian Joseph Sador**
Austin Jared Schultz**
Siyuan Shao***
Griffin J. Sharkey*
Matthew Siegel***
Lena S. Siskind**
Lindsey Smith*
Alex Snow**
Continued on 7



Bachelor of Science in Engineering

Continued from 6

Aerospace Engineering

Iskender Arda Sonmez***
 Liam James Spence**
 Jaron Moore Stacey**
 Nicholas Stankey**
 Andrew Warren Mercier
 Stephenson**
 Michael C. Streng
 Stephen Homan Tang**
 Julian Nabeel Tarazi***^
 Alexander Michael Thuro**
 Luke R. Truscott**
 Kara Vanderwest*
 William Edward Vansolkema*
 Joshua T. Verschleiser
 Akhil Vinod***^
 Andrew Wang Su***
 Aiden Justin Jordan Wharton-Mohammed**
 Lajlim Jesse Yang
 Yulong Yang***
 Michael Y. Ying***
 In Beom Eric Yoon
 Kail J. Yuan***^
 Laura Natalia Zaidenberg*

Biomedical Engineering

Kristian Kamil Adamczyk
 Matt Akiska***
 Justin Thomas Alley*
 Michael Andre Atie***
 Shreya Saroja Balusu***
 Meghan Renee Beaubien*
 Rayna Batya-Leia Berris**
 Ellianna Kisch Boothe**
 Emily Rita Bozich***
 Morgan Lea Burch*
 Megan E. Busch***
 Elizabeth Ann Bustamante**
 Ashley Ann Bynum
 Gerald Martin Calcaterra**
 Belinda Cargile
 Paul Anders Carne**
 Makhoul Cassis**
 Chih-Lin Chang*
 Yuru Chen***
 Sunghun Cheong***
 Dawn Chirko***
 Elissa Leah Cohen
 Caila Ann Coyne***
 Darelyn Crochran
 Emily Sara Davidson
 Dipra Debnath***^
 Emma Keily DeNatale***

Jenna Nicole Diegel***
 Sandra H. Dubaisi*
 Isabella Grace Fadool
 Lauren Fane***
 Easton C. Farrell***^
 Camden Felgner*
 Iain MacArthur Ferguson*
 David Joseph Frey*
 Peter Forstner
 Lindsey Mei Furness***
 Danielle Song Garrido
 Maya Sebrina Getachew*
 Naomi Cartier Gross
 Natalie Halphen*
 Yazmin Hernandez**
 Felicia Estefana Hinojosa*
 Isabel Holtan*
 Alexander Joseph Hostetler***
 Samuel Garrett Jaffe
 Evan Harris Jarman*
 Maheen Javed
 Danica Kristen P. Jayco*
 Jessica Kinsler Jonah**
 Surabhi G. Joshi*
 Andrew Michael Kelley*
 Maha Khan*
 David Soohyun Kim
 Madhav Kumar*
 Sarah Jeanne Kurpiers***
 Erin Eunjeong Lee**
 Hunter Tianjiao Li*
 Xinyi Liang***
 Annie Lim**
 Jason Wen-Jay Lo**
 Lauren Nicole Long*
 Ian Malinow***
 Drew Michael McKearney**
 David Alejandro Mendez*
 Rikako Julia Miki*
 Rohit Misra***
 Kayla Ann Moss*
 Devak Singh Nanua***
 Alexandra Corynn Nelson**
 Likitha Nimmagadda**
 Shreeman Nimmagadda*
 Jocelyn Jasmine Ortiz**
 Anita O. Ovbude*
 Bree Anna Palo*
 Pooja Parikh**
 Neelay Sanjay Patel*
 Matei Pop**
 Shaunak M. Puri***
 Francesca Sophia Quezada*
 Kyle Lauren Rainey***
 Arjun Rajan***
 Brianna Jo Regan***
 Abigail Elizabeth Reid***

John James Reider**
 Alexander Joseph Reynolds*
 Abigail Maria Riesmeyer**
 Sam Rondeau
 Andrew Rose**
 Liam Russell***
 Kiana N. Sadri
 Mohamed Said*
 Ryan Seth Schildcrout**
 Caroline Anne Schmiedeler***
 Hao Shen***
 Jasnoor Singh***
 Elijah D. Soba**
 Amanda Spangler*
 Cara Michelle Spencer*
 Sara Jillian Staley**
 Claire J. Stebbins**
 Truman Michael Stovall*
 Jonathan Eldridge Streat, Jr.
 Zain Sultan***
 Aparna Sumanth***
 Alec Robert Sunshine***
 Georgia Faye Tapsall**
 Jaime L. Tiesma
 Thaddeus Luke Tripp*
 Anu Tuladhar***
 Pooja Lakshmi Varanasi***
 Madison L. Wahlsten***
 Jordyn Rachel Wheeler
 Daniel Nicholas Wieczorek***^
 Allison M. Wilcox***^
 Haoning Yu**
 Alexander Alfred Zarouk
 Samantha Ann Zerafa***
 Zane J. Zerbel***

Chemical Engineering

Christian Dee Aguilar
 Robert Oscar Amori**
 Lucas Larrea Baioni*
 Max Joseph Balster
 Skylar Nicole Linnett Bartley**
 Mavi Mariana Benacerraf
 Ved Ashish Bhagwat**
 Amay Bhansali*
 Sarah Blumberg*
 Rushabh Rajesh Bohra*
 Madison Emily Bonahoom***
 Natalie Bower***
 Christina Joan Brietzke***
 Connor Broussard***
 Benjamin H. Cader-Beutel***

Nayri Anna Carman*
 Riki Cassidy Carroll***
 Tsz Yuet Matthew Chow*
 William Tomoki Chung**
 Spencer Gregory Cira**
 Courtney Elizabeth Coleman
 Natalie Ann Coltman*
 Emma Kakavas Cooper
 Isabel Clarice Cox*
 Monica De Silva Reguera*
 Jacob W. DeVries
 Charles Richard Doenitz
 Olivia Paige Dotson*
 Jacob Michael Doyle*
 Blake Lucas Ebling*
 Hani H. Elhasan***
 Robert Benjamin Espinosa Marazita
 Patrick James Fliearman*
 Jacob Charles Florian***
 James Gibson***
 Brian I. Glasser**
 Joel Graves***
 Gregory Shogo Gueorguiev**
 Matthew Patrick Heikka
 Michelle Kiêu Phúông Hoàng
 Alanna Kathleen Jason*
 Halla Chung Kabat***
 Nicholas Michael Kaczorowski***
 Anna Ihara Kaehr***^
 Daniel Joseph Katz**
 Jacob Thomas Keating***
 Carlye Keller
 Megan Ashley Keough**
 Nolan Berađino Kirkman**
 Isaac M. Laman
 Hannah Marie Leszczynski*
 Daphne Lin*
 Benjamin Ludtke*
 Lauren Michelle Matijevich
 Kathryn Jena May**
 Tyler John McCartney
 Madelyn McMillan***
 Samuel Nicklaus Meinel
 Yannah Julia Utopie Melle*
 Gavin Grant Morrow**
 Alexandra Mounteer**
 Eric Ray Musa**
 Akira Nishi***
 Ryen O'Meara***
 Tyler Opdycke***
 Cole Jamie Parimucha***
 Brett Scott Peterman
 Lydia Fern Peters***
 Nikolas T. Pullen**
 Sean Pumford*
 Abigail Elise Radomski***

BSE



Bachelor of Science in Engineering

Matt Ratanapanichkich***
 Neha Ray*
 Cole Thomas
 Rechsteiner***
 Christopher Stephen
 William Reischel*
 Eileen Rivery
 Giselle Marianne Roca**
 Alyssa Margaret Roest*
 Alicia Hope Samson***
 Jack Nelson Schumaker*
 Kyle Andrew Shaw**
 Lueda Shemitraku*
 Elizabeth Lidan Stolte*
 Kayla Jane Swanson**
 Alexandra Michelle Tomlinson*
 Lara Vanderbilt
 Lucy Anne White*

Civil Engineering

Hassan Bazzi*
 Gina Kay Boeskool*
 Madison Anna Carlson
 Max Edward Chapman**
 Jacqueline Renee Clemons***
 Justin Andrew Frigerio***
 Alfonso Ayala Garcia
 Courtney Gerovac*
 Matthew McClain Hastings**
 Albert David Hernandez**
 Rachel Kass***
 Mariah N. Kasten*
 Nicholas George Keller
 Ezra Keon*
 Dalton Bryce Keys***
 Ross Edward Koella*
 Emma Jane Koski*
 Jordyn Ann Kreucher*
 Maxwell Thomas LaCrosse
 Lindsay Elizabeth Llende*
 Loren Angelo Mata***
 Michael Alexander Mata***
 Alexandra Mirro
 Eric William Montrief***
 Joseph Murciano
 Weronika Myslak**
 Andrew Foxx Nelson
 Thomas James Newman***
 Jacob Michael Overberg**
 Ariel Roy***
 Benjamin Joseph Scanlon
 Mitchell J. Wilson*
 Jia Yu**

Climate and Meteorology Engineering

Marie Ficaj*

Computer Engineering

Samina Yasmin Abdullah***^
 Beste A. Aydin**
 Sarthak Bansal*
 Justin Thomas Beemer***
 Isha Bhatt*
 Lounis S. Bouzit**
 John Brendan Campbell***
 Zachary Christopher Carey***
 Alec Colin Davies*
 Pratham Singh Dhanjal**
 Jacqueline Angelina DiSanto
 Cameron Drake Dziama*
 Ali Elzain*
 Stefan Joseph Falkenstein
 Brendan Vincent Freeman***
 Marcelo Goulart Badellucci E Almeida*
 Trevor R. Gravely***
 Vivek Vishwanath Hanasoge*
 Jamie Nicole Hare*
 Zhirui He***
 Peijun Hou***
 Huai-Che Hsiao***
 Mitchel Mittraang Huang***
 Ravynne Mechelle Jenkins
 William E. Jermak*
 Cameron Thomas Kabacinski***
 Jaeyoung Ko*
 Robert Munroe Leonard**
 Xinyang Li**
 Wen Jay Lim**
 Brian Lin*
 Jinjie Liu**
 Jinze Liu***
 Shiji Liu***
 Yatian Liu***
 Yongli Liu**
 Jiarui Lyu***
 Jiaxiang Ma***
 Donato Felice Mastropietro**
 Bryce Hoyes Messmann**
 Gillian Marie Minnehan**
 Caroline Vy-Lan Nguyen
 Joseph Nnamdi Nwabueze***

Harshang Jayantibhai Patel*
 Kevin Pezeshki*
 Steven Hieu Phan**
 Michael Jerry Rakowiecki***
 James Read**
 Erik Ernest Rehkopf*
 Aaron Thomas Reynolds***
 Tara Radhika Sabbineni*
 Stephanie Claire Sheehan*
 Atishay Singh***^
 David Leroy Smith II
 Adithya Subbiah**
 Yiqiu Sun***
 Matthew Thomas Tarry**
 Sharon Thomas*
 Xiyu Tian**
 Xun Tu**
 Ben VanDerPloeg***
 Eric Vessecchia*
 Kevin Yicheng Wang
 Christopher Williams
 Luke William Wittrup
 Alexandra Ellen Wu***
 Qirui Wu***
 Haichao Yang***
 Xinlong Yin***
 Benjamin David Young**
 Yiqing Zhao***
 Frank D. Zlomek**

Computer Science Engineering

Kashyap Naga Krishna Venkatraya Addanki***
 Arav Kapish Agarwal***
 Sam Ajami**
 Batuhan Akcay***^
 Ozan A. Aktay*
 Abraham A. Alawy**
 Omar Al-Ejel***
 Omar Alhazaa*
 Meredith Elizabeth Allen
 Susan Alptekin**
 Ved Ameresh**
 Krishan Mutual Amin**
 Anmol Anand**
 Rahul Anil
 Matthew Auer**
 Andrew James Awad
 Tony Bai***
 Yuyang Bai***
 Thomas Erik Banghart
 Sameer Barretto**
 Connor Alan Beard*
 Dylan Lewis Beck***^
 Ezra Bekele
 Benjamin Berkowitz*

Joseph Thomas Berman***^
 Ian Alexander Bertram**
 Aditi Bhandari
 Nihar N. Bhingaradia*
 Duoming Bian***
 Nicky Billovits**
 Keara Diane Bird
 Shazeen Biviji**
 Andrew R. Blocki**
 Adithya Kumar Boddu***
 Nicholas J. Bolino***
 Alexander Kachun
 Henri Bosch***
 Zachary Boyle*
 Violet Boyse-Peacor
 Joshua T. Brainard
 George C. Bryja III
 Dylan Bradley Burkett*
 Daniel Butael
 Simrun Buttar**
 Annie Elizabeth Cacchione*
 Xianjue Cai**
 Owen Cannon**
 Hustin Tran Cao**
 Marina Karli Caporuscio**
 Juliet Maya Carpenter
 Alex John Carter***
 Arjun Jit Chaliha**
 Dylan Matthew Elias Chalkley*
 Bryan Chuong Seang Chan***
 Anikeit Chanda*
 Ryan William Chang**
 Bryan Chehanske***
 Jonathan Chen**
 Kevin Chen***
 Lying Chen*
 Mufei Chen
 Qingyi Chen***
 Richard Chen**
 Sky Chen***
 Zhiyang Chen***
 Micah Wei-en Cheng***
 Matthew Ryan Chesser**
 Aditya Chitta***
 Jumanah Mae Colvin
 Joshua Patrick Cook**
 Aaron Bradley Cummins
 Dibyardarshi Dash**
 David Christopher Degazio**
 Jonathan Cole Demeter***
 Sahas Dendukuri***
 Lotus Derry
 Tanvi Deshmukh***
 Jason C. Ding*
 Shuangrui Ding***
 Andrew Robert Dingwall

Continued on 9

* Cum Laude / ** Magna Cum Laude / *** Summa Cum Laude / ^ Honors Program





Bachelor of Science in Engineering

Continued from 8 Computer Science Engineering

Steven Theodorus
Dirjayanto*
Andrew Robert Dixon***
Ryan Palmer Draves***
Ryan Scott Drew*
Yang Du***
Raul Dutta***
Ryosuke Jonah Dykhuizen*
David Robert Evans**
Kareen Faisal*
Ben Austin Finkelstein***
Jared Matthew Fishman***
Michael D. Flanagan**
Jacob Myer Flom***
Devon C. Flowers*
Kanu Gaba***
Guy Thomas Gasper*
Sayan Ghosh***
Lawrence Robert Glista
Rishabh Goel
Rakshit Gogia***
Parshva Dilesh Gogri**
Marc A. Gomez-Mesquita
Harry Gosse*
Louis Gourirand***
Rakshita Gouni*
Tyler Conlan Greenwood*
Bella Gaia Gribov***
Yile Gu***
Jeff Guan***
Dingkun Guo***
Glen Joseph Haggin*
Christopher James Hall**
Isha Harris Hameed*
Zachary Cole Harkness**
Hunter Jay Harloff***
Lea Michele Harris*
Maxim Jamison Hayes**
Nicholas McEvoy Healey**
Ryan James Helmlinger**
Matthew Henriks***
Young Jin Heo
Benjamin Daniel Hepp
Jacob Robert Herner*
Ryan Patrick Julius Hertz
Drew Hirselj*
Eliza Ho*
Daniel Lucas Hoekwater***
Nicholas E. Hoyer
Alexander Hsia***
Da Wei Hu*
Yifan Hu**
Nicholas Chengchen
Huang***
Pengyuan Huang***
Ziyuan Huang***
Allen A. Hull
Kevin Juno Im*

Connor Hamilton Inglis***
Alexander Timothy
Jalkanen
Ziyang Ji***^
James Jiang**
Neil Johari**
Connor D. Jones
Charmee Kamdar***
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Kandrikar***
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Grant LeBlanc***
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Justin Jaesung Lee*
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Bruce Wai-Ting Li**
Junhui Li***
Shaohua Li**
Yuzhou Li***
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Zack Light***
Brian Lin***
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Rhea**
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Ruffner***
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Sadalage
Hriday Sahgal***
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Quinn Jameson Schebell**
Cora Elizabeth Scott*
Ashwin Selvakumar**
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Erich Shan**
Sujay Shankar*
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Fuhan Shen***
Zhuowen Shen***
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Sheppard*
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Omer Vaqar Siddiqui***
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Adi Soni***
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Lokraj Srinivasan***
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John Gregory Stefan***
Michael Kirk Stowe
Gregory T. Su***^
Logan Reynes Suarez
Parmer*
Edward Sun***
Sidhant Swami
Christopher Reilly Szabo**
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Nitya Tammana*
Advay Tandon***
Nikhil Sai Venkata
Tangella**
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Atreya Raman Tata***
Vaughn Rae Taylor***
Aditya Tewari*
Kevin William-Francis Tice*
Johnathan Joseph Toloff*

BSE

Bachelor of Science in Engineering

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 Eugene Tsai**
 Ellen Ai-Lun Tsao**
 Matthew Christopher Uytinco
 Nolan David Vaughn**
 Juan Vega*
 David Ventresca**
 James Dean Visnaw*
 Anjali A. Vyas**
 Cayetano Wagner**^
 Zachary Walker
 Jacob Allan Walraven*
 Daniel Wan**
 David Wang**^
 Ruobing Wang***
 Siwei Wang**
 Tianyi Wang***
 Tom Wang**
 Yisen Wang***
 Yitong Wang***
 Yixuan Wang***
 Yixuan Wang***
 Yu Wang***
 Yuning Wang***
 Ziqi Wang**
 Bryce David Watson*
 Hassaan Ali Wattoo**
 Eric R. Wesche**
 Victoria Ozaki Whall***
 Michael Jeffrey Wolf***
 Nathan K. Wong***
 Megan Elise Worrel***
 Eric Hongzheng Wu**
 James Wu***
 Serena Xiong
 Yixin Xiao***
 Jacob Xu**
 James Xu**
 Kailun Xu***
 Mengjing Xu**
 Xueming Xu***
 Dachuan Yan***
 Shaoxiong Yao***
 Yiwen Yao***
 Yuan Yao***
 Jonathan O. Yasharel**
 Jacob A. Yatvitskiy***
 Belinda Yin*
 Guoxin Yin***
 Jesse Yin***
 Mackenzie Kennedy Young**
 Maryam Syed Younus*
 Alex Yu***
 Angela Yu***
 Peter Deyang Yu
 Michael Yufa-Zimilevich
 Jonathan Jiasheng Yun***
 Dillon Zaugg*
 Joseph Andrew Zawisa**

Maxwell Ryan Zawisa**
 Gillian Lauren Zayan**
 Kevin Fitzgerald Zentner**
 Alexander Zhang
 Hanchi Zhang***
 Hannah Zhang*
 Michelle Jiajia Zhang**
 Shengan Zhang***
 Xiaopan Zhang*
 Yiwei Zhang***
 Enpei Zhao**
 Kevin Kaiwen Zhao**
 Wenxuan Zhao**
 Yuntian Zhao***
 Zhengting Zhao***
 Jingnan Zheng***
 Alan J. Zhong
 Edward Frank Zhong***
 Zhen Zhong***
 Zhizhuo Zhou***
 Jing Zhu***
 Yingying Zhu***
 Yuanli Zhu***
 Jiayun Zou***

Data Science Engineering

Arav Kapish Agarwal***
 Meredith Elizabeth Allen
 Andrew James Awad
 Nick Batarilo*
 Joseph Thomas Berman***^
 James Joseph Boyce
 Mingzhi Cai**
 Dylan Matthew Elias Chalkley*
 Bryan Chuing Seang Chan***
 Anikeit Chanda*
 Eric Chen***
 Matthew Ryan Chesser**
 Kristina Louisa Danos*
 Jeffrey Jiafei Gao***
 Tian Gao***
 Yunjie Guo***
 Christopher James Hall**
 Yifei He***
 Lin Huo***
 Junhui Jin**
 Charmee Kamdar***
 Abhishek Kottamasu**
 Medha Kumar**
 Bruce Wai-Ting Li**
 Zack Light***
 Xinyang Li**
 Xingyu Lu***
 Blake Martin***
 Aashay S. Mehta***
 Van Huy Nguyen**
 Hannah Nicole Niemi**

Kevin Qing*
 Karthik Mohan Raj*
 Hrider Sahgal***
 Aadish Mithil Shah
 Yueyang Shen***
 Aditya Tewari*
 Yuyue Tu***
 Bingjiang Wang***
 Hanchi Zhang***
 Haomeng Zhang***
 Yimin Zhu***

Electrical Engineering

Ella Nahyun Ahn***
 Jahnvi Amam*
 Matthew Maan Askar**
 Max Tyler Baer*
 Catherine Terese Bertcher***
 Matthew Blischke***
 Alexander Kachun Henri Bosch***
 James Joseph Boyce
 Joshua Jerome Brooks**
 Junhao Cao**
 Qianyi Chen**
 Tainon Chen***^
 Maggie Cooney**
 Ancheng Da***
 Willy Andrew Dai**
 Devon Dean Davis
 Hersh Desai***
 Brendan Paul Desantis
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 Ian L. Fan**
 Brendan S. Flippin
 Marco Andres Garcia*
 Michelle Lee Gehner***
 Alan Daniel Gerdov***^
 Rishabh Goel
 Marlon Armand Greene
 Bassam Halaseh
 Hojin Han***
 Raihan Kowshar Haque
 Faizan S. Hassan*
 Hussein Hassoun
 Nathan Hellstedt***
 Kevin Michael Helmich, Jr.**
 Nancy Fabiola Hernandez
 Mason Randolph Hill**
 Elisabeth Margaret Jahnke*
 Pranav Karra*
 Hannah Lyn Kempel
 Aleks T. Kovanen**
 Jacob Richard Krach**
 Nicholas Krstevski***
 Matthew Ryan Lamb***
 Stephen Teo Lee
 Yemi Lee*

Shiqi Li**
 Anyatama Makur**
 David J. Marsh*
 Julian Martinez**
 Brendan Tyler Mathews**
 Matthew Lee Maurer
 William D. Mcelgunn
 Alin Nilson Mecwan*
 Mitchel Drake Miller***^
 Rory Sedman
 Nyffenegger**
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 Aneet Parmar***
 Hannah Jane Parrish***
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 Marie Veronica Plaver*
 Joshua Polark***
 Nicholas Porter
 Sarah Caroline Puzycki***
 Cheng Qian***
 Jacob T. Quinn*
 Jack Rademacher***
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 Joseph Thomas Rottner***
 Joe Russell
 Quinn Jameson Schebell**
 Randall Hisaji Schliebe***
 Taha Shaukat
 Rundong Shi
 Ryan Raymond Skop***
 Christian Bartholomew Soto
 Conor Leonard Sweet***
 Yingwen Tan***
 Eric Tsay
 Brian James Winkelried**
 Jack Thomas Winkelried*
 Haitong Xu***
 Yin Yuan***
 Justin J. Zhang***
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 James Zhu

Engineering Physics

Jack Murphy Barlow***^
 Spencer Gregory Cira**
 Elena M. Corbae**
 Tanvi Deshmukh***
 Sydney Megan Erickson***^
 Nicholas Joseph Ettinger**
 Colton W. Graham***
 Trevor R. Gravelly***
 Achintya Prashant Kattamalavadi*
 Jake William Kovalic***
 Yuenong Ling***
 Isaac Solomon Narrett***
Continued on 11



Bachelor of Science in Engineering

Continued from 10 Engineering Physics

Joshua Polark***
Jack Rodberg
Eoin Pearse Sansevero*
Jacob Solomon**
William Joseph White***

Environmental Engineering

Erik L. Anderson II
Courtney Joy Bagnall*
Rebecca Danielle Bartlett*
Ava Grace Bayagich*
Grant J. Bennett**
JoAnna Elise Danielsen*
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Emilia Ornella Ferme Giralte*
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Noshin Tabassum Khan
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Abigail Elise Martin**
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Michael Alexander Mata***
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William Armbruster
Muawad
Anna Catherine Neville*
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Shimonti Sengupta**
Seth Aaron Stump***
Harrison Timothy
Suchyta***
Janine Mae Sweetman***
Blaze Prince-James
Thomas
Anna Puzza Timmis
Ryleigh Wright

Industrial and Operations Engineering

Arjun Aggarwal
Geet Antani***
Mitchell Robert Appleton**
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Jeremy Andrew Atuobi
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Yash Paresh Bajaj***
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Bluestein**

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Trey Patrick Brennan**
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Dhruv Atul Tatke***
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 Richelle Rose Wilson**
 Shuo Zhang***
 Alexandra C. Zimmerman***^

Mechanical Engineering

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 John William Carvill***^
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 Xiuwen Chen**
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 Patrick Odudu-Obong Eyo
 Aidan Fernandez*
 Jason Reddig Figueroa***
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 Juliet Ann Foote**
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 Mayur Dattatray Khule***
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 Maurice Miro**
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 Jiajie Qiu***
 Karolina Rak**
 Fadey Elias Rayyan*
 Alex Rees***
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 Tyler Daniele Richardson
 Samuel Brian Ringold*
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 Jin-Sae Charlie Ro***
 Patrick C. Roach***
 Vanessa Rojano
 Victor E. Rojas
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 Daniel Rubio-Ejchel***
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 Richard L. Shi*

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 Mario Shkembic*
 Al Shumyatcher**
 Myles Siglin**
 Isaac Ferrer Smedshammer
 Ike Smith***
 Jason J. Smyth**
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 Evan Heike Sobetski
 Nathan William Stotzel
 Blake Sanssouci Stoddard*
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 Jinhao Su**
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 Allyson Joanne Taylor
 Kevin James Taylor*
 Steven Teguhlaksana***
 Jacob Matthew Shaw Thayer***
 Xiyu Tian**
 Radu Tolontan***
 Madeline Rose Topping**
 Julia Tin-Yee Toye***
 Mai-Ly Doan Tran*
 Andrew Charles Urban*
 Mihir D. Upadhye**
 Quan Tyre Usher
 William Antonie van den Bogert***^
 Sean Carl Van Note*
 Carson William Van Skiver*
 Santiago Vidaurri
 Alexandra Kaitlyn Walker
 Jordan Alexander Wallace*
 Brian Wang*
 Ziqi Wang**
 Alexander John Wayne***
 Jia Chen Wee***
 Zachary Lawrence Wein**
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 Lucas Matthew Williams
 Madeline Cody Winter**
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 Yuxuan Ye*
 Keyen A. Yockey***
 Sarah Catherine Youtt**
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 Kail J. Yuan***^
 Maria Zaccherini**
 Jack Zender**
 Aojian Zhang***
 Lawna Zhang***
 Enpei Zhao**
 Zicheng Zhou
 Chenyi Zhu***

BSE



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Naval Architecture and Marine Engineering

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John Cooney*
Maggie Kathleen Dutmers
Reese Alexander Ecklund*
Elizabeth Lauren Fetzner**
Tristan Jeremy Xavier Flannery
Kegan Alan Flory*
Jacob Frost*

Matthew K. Georgy**^
Deirdre Rois Howard
Tristan John Klein**
Adam Lewis Magistro*
Derek Kadin Miller**
Matthew James Moores
Gabriel James Raymond*
Jessica Marie Schnabel
Nicholas E. Stout*
Brendan Mark Sulkowski**
Logan Dubois Vredenburg*
Levi Welch*

Nuclear Engineering and Radiological Sciences

Sumit Kumar Basak*
Sara Bashir**
Caiser Bravo**
Steven Chen***
Josh Kirk Cooper
Jeremy Eshbaugh
Colton W. Graham***
Emma Noelle Guerin**
James Steven Harrington
Lincoln Alexander Johnston***
Ryan Francis Leon
Christopher E. O'Neil*

James Kenneth Pelkey*
Keegan D. Pombier***
Braden Jake Balsley Saltus***
Reid Lawrence Sobota***
Jack Tait*
Grant Mitchell Young**

Space Science and Engineering

Catalina Fe Garza
Ren Monroe
Collin Patrick Payne*
Rashika Rao**
Ethan David Rasch*

MEng

Certificate of Advanced Studies in Engineering

Innovation and Entrepreneurship

Hee Jae Choi
Charles G. Coutteau
Shiba Sundar Dandpat
Giacomo Di Mauro
Erin Eda Evke

Negar Farzaneh
Lin Lu
Megan Martis
Gillian Suzanne McGlothlin
Pathapol Ruangdejvorachai
Bonnie Regina White

Master of Engineering

Applied Climate

Sarah E. Hutchinson

Construction Engineering and Management

Faisal Bassam El Ghaffir

Electrical and Computer Engineering

James Jerome
Wei-Liang Wegienka

Integrative Systems + Design

Automotive Engineering

Georgios Angelidis

Elijah Jentzen

Vedant Kanyaboiena
Prateek Mittal
Jake Richard Moline
Balaji Ramanarayanan
Samuel Jacob Tejchma

Energy Systems Engineering

Michael Payton Hefner Andrews
Patrick William DeJong
Elena Lawton Essa
Andrew Hoyt
Megan Martis
Stephen James McShane
Bishoy Mofdy Lamei Mesak
Conner E. O'Brien
Jay Donald Woodbeck

Global Automotive and Manufacturing Engineering

Tim Philip Buckner
Alexandra Cereska
Varun Chakrapani
George Nadir Elias
Jesus Enrique Godinez
Matthew David Kaake
Burl Banks Keel IV
Seongsu Kim
Kevin Neil Loughlin
Kayla Andrea Joy McDonell
Joseph Oddo
Ana Silvia Ortiz Lopez
Abhilash Shivakumar Rao
Renan De Freitas Villas Boas
Seungjae Yoon

Manufacturing

Mitrajeeth Bangalore Saravana
Xhulja Biraku
Camillo R. Conte
Serena M. Day
Jin Namgoong

Systems Engineering and Design

Anthony Edward Armlin III
Catherine Cecilia Budd
Srinivasa Cheekati
Hanadi Mohamed Dorra
Natalie Sage Dostie
Michael Joseph Laframboise
Ji Wei Mok
William Geoffrey O'Neal



Master of Engineering

Kruthi Srinivasa Raju
Hannah Margery Wyderko

Smart Infrastructure Finance

Benjamin Scott Shale

Space Engineering

Riyon L. Affara
Kathleen Marie Ascrizzi
Kellyn Erin Maire Clink
Madison Grace Ellsworth
Andrea Festa
Adam Henry Kelly
Raymond Lu

Owen R. Marr
Rus Pangilinan
Nora Sawyer Petran
Ethan T. Prober
Harry Sood
Connor W. Todd
Ricardo Gerardo Van Zanten
Jack Vecchio

Structural Engineering

Yunlong Li

Master of Science

Applied Physics

Isak Olai Johnson

Biomedical Engineering

Courtney Leah Adams
Uzair Alam
Fatimah Mohammed S. Alkaabi
Evan Daniel Cummings
Shmuel Yeshaya Forta
Maria Guido
Kendrick Hougen
Sarthak Kumar
Yang Liu
Lin Lu
Steven Tyler McComis
Ryan Allan McVicar
Spencer William Morris
Preston Pan
Annie M. Taylor
Anthony Michael Vrotsos
Peter Alexander Walczyk
Miao Wang
Zibo Yan
Hongying Yu
Lizhong Zhang

Climate and Space Sciences and Engineering

Austin Noah Glass
Charles Evans Powell
Yingxiao Zhang

Computer Science and Engineering

Ayush Agarwal
Paul Joseph Chamberlain
Chun-Hsiang Chan
Christopher Shamar Clarke
Haoran Du

Timothy James Dunn
Ryan Timothy Feng
Zephaniah Hill
Suyang Hu
Xincheng Huang
Arthur Jenoudet
Harmanpreet Kaur
Ju Young Kim
Wei-Chung Liao
You Liu
Renzhong Lu
Makarand Parigi
Yinlong Qian
Joshua B. Segal
Nathan P. Seitz
Chenkai Shao
Emily Jean Sheetz
Shane Storks
Drake Anthony Svoboda
Puja Trivedi
Muhammed Eyyub Ugur
Han Wang
Wen-Chien Wang
Owen Lane Webb
James Russell Worthington
Shunhao Wu
Zhitian Xu
Yian Zhu
Zachary E. Zipper

Data Science

Anshul Aggarwal
Palash Biswas
Fenglong Cai
Xianghao Chen
Yue Du
Ting Gong
Zeyuan Hu
Pingxuan Huang
Yanisa Kaewkhao
Yin Kwong John Lee
Ernest Seong-Woo Leem
Zhengyu Li

Kunsheng Lyu
Senwei Ma
Hisamitsu Maeda
Aravind Mantravadi
Weiye Mei
Nick Paris
Yuyou Qian
Kyle William Schulz
Shangquan Sun
Alyssa Katherine Wisk
Gang Yang
Hongxin Yang
Yue Yu
Zhewen Zhang
Xijian Zhao
Yicheng Zhou
Haofeng Zhu
Joshua Adam Zimmer

Electrical and Computer Engineering

Duncan Ross Abbot
Ahmed Saeed Salem Alghofaili Alkatheeri
Hamad Saud Alotaibi
Abdullah Abdulaziz M. Alothman
Rucha Praveen Apte
Zhangxing Bian
Mayur Bhushan Birla
Firoz Kanti Borah
Jiajun Cao
Bo-Hong Cho
Chieh-Hao Chuang
Akshay Vijayrao Deshmukh
Peihan Dou
Wenbo Duan
Runtian Gan
John Richard Gearig
James Edward Gruber III
Rupesh Gupta
Ruo Chen Hou

Xixi Hu
Zhewen Hu
Chunan Huang
Lingfeng Huang
Brian Hwang
Can Jiang
Puhua Jiang
Shenghao Jiang
Yicheng Jiang
Po-Tsun Kuo
Jaehyun Lee
Rufa Leninkumar
Zongyu Li
Connor Heffernan Ligeikis
Jianing Lin
Tzu-Ching Lin
Fanghao Liu
Qingyuan Liu
Zhaohan Lu
Zhiyuan Luo
Yupeng Ma
Venkata Sai Aditya Marella
Elsa Mary Mathew
Kiran Muralidhar Kulkarni
Rishank Santosh Nair
Saakshi Narula
Siyu Niu
Ping-Hsien Ou
Mengchen Pan
June Park
Samudhbhav Prabhu Srinivas
Tao Qian
Amogh Ashok Rane
Aishwarya Ragavendra Rao
Bowen Ren
Pathapol Ruangdejvorachai
Arnab Saha
Aaditi Vivek Saoji
Alyssa Scheske
Hansal Manishkumar Shah
Malvika Dayanand Shetty
Yanbo Shi
Continued on 15

MS

Master of Science

Continued from 14

Electrical and Computer Engineering

Manjushree Shiva Prasad
Sara Shoori
James Michael Shurish
Scott Campbell Smith
Nidhi Sridhar
Kishan Srinivasan
Siao-Jie Su
Jiawei Sun
Rui Sun
Wanxiu Sun
Danish Syed
Zhenghao Tan
Zichun Tang
Morteza Tavakoli Taba
Travis Taylor
Nisarg Keyurbhai Trivedi
Jing-An Tzeng
Aishwarya Unnikrishnan
Sumedh Sanjay
Vaishampayan
Vertul Verma
Boyu Wang
Guanru Wang
Yuping Wang
Ziyu Wang
Ziyun Wang
Xupeng Wei
Zheyu Wen
Peter Westra
Huimin Wu
Junzi Xiang
Xiong Xiao
Jiahong Xu
Minshu Xu
Shaofan Xu
Kuo Yan
Ching-Cheng Yang
Qiya Yang
Zhengwei Ye
Feifan Yi
Hengxu You
Shuting You
Daniel Yu
Yang Yu
Qiming Yuan
Haoyang Zeng
Hanxia Zhang
Qirui Zhang
Tingsong Zhang
Weichen Zhang
Jian Zheng
Kaizhi Zheng
Jiayang Zhong
Jinxin Zhou
Tong Zhou

Yuqing Zhou
Zihao Zhu

Data Science

Anshul Aggarwal
Palash Biswas
Fenglong Cai
Xianghao Chen
Yue Du
Ting Gong
Zeyuan Hu
Pingxuan Huang
Yanisa Kaewkhao
Yin Kwong John Lee
Ernest Seong-Woo Leem
Zhengyu Li
Kunsheng Lyu
Senwei Ma
Hisamitsu Maeda
Aravind Mantravadi
Weiye Mei
Nick Paris
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Kyle William Schulz
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Haofeng Zhu
Joshua Adam Zimmer

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Rishank Santosh Nair
Saakshi Narula
Siyu Niu
Ping-Hsien Ou
Mengchen Pan
June Park
Samudhbhav Prabhu Srinivas
Tao Qian
Amogh Ashok Rane
Aishwarya Ragavendra Rao
Bowen Ren
Pathapol Ruangdejvorachai
Arnab Saha
Aaditi Vivek Saoji
Alyssa Scheske
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Malvika Dayanand Shetty
Yanbo Shi
Manjushree Shiva Prasad
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Rui Sun
Wanxiu Sun
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Nisarg Keyurbhai Trivedi
Jing-An Tzeng

Aishwarya Unnikrishnan
Sumedh Sanjay
Vaishampayan
Vertul Verma
Boyu Wang
Guanru Wang
Yuping Wang
Ziyu Wang
Ziyun Wang
Xupeng Wei
Zheyu Wen
Peter Westra
Huimin Wu
Junzi Xiang
Xiong Xiao
Jiahong Xu
Minshu Xu
Shaofan Xu
Kuo Yan
Ching-Cheng Yang
Qiya Yang
Zhengwei Ye
Feifan Yi
Hengxu You
Shuting You
Daniel Yu
Yang Yu
Qiming Yuan
Haoyang Zeng
Hanxia Zhang
Qirui Zhang
Tingsong Zhang
Weichen Zhang
Jian Zheng
Kaizhi Zheng
Jiayang Zhong
Jinxin Zhou
Tong Zhou
Yuqing Zhou
Zihao Zhu

Engineering Education Research

Laura Jill Carroll

Industrial and Operations Engineering

Andrew Britton
Yinghan Chang
Shuoyu Chen
Hongyu Dai
Lin Li
Zhuowen Li
Jing Liang
Che-Yi Liao
Zitong Liu
Pratyush Rajendra Nagare
Shreyas Sudhir Parab

Master of Science

Michelle Marie Pawlow
Angel Jiabei Rao
Aseem Tuli
Junyu Wang
Shouren Wang
Wei Wang
Lanxi Xu
Ziang Xu
Xuerui Yang
Bin Yao
Chengdong Zhang
Peiwei Zhang
Suyang Zhang
Yujie Zhang
Zekun Zhao

Macromolecular Science and Engineering

Jiayue Huang

Huiling Li

Naval Architecture and Marine Engineering

Ericka Elizabeth Lozon
Peter Joshua Rohrer
Juhan Wang
Jacob Thomas Woeste

Nuclear Engineering and Radiological Sciences

Harun Ardiansyah
Gabriella Anna Bruno
Shardul Sreekumar
Rigoberto Vazquez, Jr.

Robotics

Anand Asokan
Shreshtha Basu
Nalin Bendapudi
Shreyas Naveenchandran
Bhat
Manas Jyoti Buragohain
Anviksha Reddy Busa
Chao Chen
Po-Kang Chen
Weijia Chen
Xin Chen
Ting-Sheng Chu
Oscar Ignacio de Lima
Yidong Du
Lu Gan
Annet Boban George
Scott Matthew Hirsch
Linyi Jin
Preeti Mandyam Kannapan

Blake Matthew Karwoski
Minzhe Li
Anthony Liang
Wei-Chun Lu
Ruikun Luo
Akshay Mathur
Timothy Michael Ohtake
Xiangyu Peng
Neha Girish Pusalkar
Nitish Sanghi
Rishi Nath Senthil
Varun Satyadev Shetty
Pradeep Suresh
Sangli Teng
Sumukha Vigneshwara
Udupa
Juhan Wang
Ziyou Wu
Weifan Zhang
Hao Zhou

MSE

Master of Science in Engineering

Aerospace Engineering

Divyang Mayank Amin
Yifu An
Shubham Annaldas
Tyler James Baker
Sahil Bhola
Dan Card
Treyton Chambers
Zhuoying Chen
Sae Hyun Cheon
Guilherme Costa
Nascimento
Juan Sebastian Cruz
Alexander George Cucos
Victoire Atalante
Alizee de Brosse
Philippe Marie Matthieu
Dufour
Cole Smith Gibbs
Shuheng Liu
Dan Maguire
Gillian Suzanne McGlothlin
A. Westley McMillan
David John Morley
Anal Parakh
Alex Philpott
Kishore Premkumar
Grant Remell
Jose Fernando Rojas
Sanchez
Hiren Saravana
Shivank Sharma

Archana Sridhar
James Michael Stieber
Yukun Sun
Alexander James Thompson
Jake Truske
Dionysios Vasilopoulos
Kangjin Wang
Andrew K. Wong
Stephen J. Wright
Ziwei Yang
Mingfei Ye
David Yoon

Biomedical Engineering

Kalana S. Athukorala
Devin A. Beach
Logan Ryan Bye
Ivo H. Cerda
Ammar Syed Chishti
Weihong Chou
Kelly Marie Crumley
Lucretia Cucereavii
Amanda M. Dang
Raymond S. Engle
Emily Jieshang Fu
Lindsey Mei Furness
Saumya Gupta
Tabitha Faith Hendren
Rachel Lauren Herster
Sara Hopper
Samy M. Ismail
Paige Brianna Jackson

Amolak Singh Jhand
Thomas A. Lancaster
Adam Weber Yin Ley
David Alejandro Mendez
Cyrus Najarian
Nicholas Nunu
Jacqueline Elizabeth
O'Driscoll
Jordan Lynee Page
Thomas Paul
Jenny Qu
Raahul Ravi
Benjamin J. Roth
Jordan Ayn Sengenberger
Samuel J. Shrift
Annabelle Elizabeth Telle
St. Pierre
Truman Michael Stovall
Reesha Sanjay Talati
Mallak H. Taleb
Seth Taylor Teague
Gowri M. Viswanathan
Allison Brooke Vittert
Guanhua Wang
Maximilian Anthony Wehner
Maeve Elizabeth Willen
Madeleine Elizabeth Wilson
Fukui Yang
Kenji Yeoh
Zachary John Ziemba

Chemical Engineering

Yi Dai
Ethan John Paul Ellingboe
Alice Sneha George
Yu-Jun Hong
Park Alexandra Huff
Yu-Jen Lee
Jingwen Luo
Xiao Yin Ma
Anthony Michael Muscat
Silvio Fabio Porco
Timothy Matthew Rogers
Bosun Abbas Roy-Layinde
Scott Smith
Kruthi Srinivasa Raju
Ziyang Tang
Charlotte Zhao

Civil Engineering

Cecile Marie Baeza
Hannah Ryan Deloney
Hanna Marie Endres
Lorie Lonchamp
Amelia McElhinney
Nicholas Monson
Hardik Yashwant Patil
Lauren E. Reynolds
Nicholas J. Riesterer
Tat Srisan
Tadap Tara Tech
Yiting Xu
Ruolin Zhang



Master of Science in Engineering

Computer Science and Engineering

Parth Aggarwal
Nathan Brown
Jad K. Chaar
Alex H. Chen
Yuhan Chen
Erin Christine Deutschman
Alexander K. Erf
Sahil Aman Farishta
Yashmeet Gambhir
Victor Jay Hao
Cheng Jiang
Gauri M. Kambhatla
Bronson P. Knowles
Karl Matthew Koenig
Julia Kay Lanier
Brett Levenson
Bryan Q. Liu
Linyun Luo
Eashwar T. Mohan
Yogesh Mohanraj
Ethan Mook
David Nie
Zhicheng Ouyang
Hannah Kathryn Potter
Ivan Pu
Hershal Dhananjay Satam
Ching-Yen Shih
Tianyu Shou
Qiucheng Wu
Maple Xu
Keunwoo Peter Yu
Xuyang Zhang
Lawrence Zhao
Shucheng Zhong

Construction Engineering and Management

Michael James Styba
Leyang Wen

Electrical and Computer Engineering

Matthew Steven Bernath
Justin M. Bi
Srinivasa Cheekati
Chuxuan Chen
Li-Yu Chen
Maggie Y. Chen
Ziyang Chen
Kai Cheng
Nai-Chen Chi
Chenmin Deng
Saravanan Durairasan
Leonard Dziubinschi

Samuel Joseph Edwards
Luya Gao
Samuel J. Hall
Sean H. Higgins
Yate Ji
Nicholas Kroetsch
David A. Kucher
Jianqiao Li
Ming Li
Xiuneng Lu
Runchu Ma
Daniel Stephen Manwiller
Amin Masoomzadeh Fard
Jeremy James Maurice
Spencer Richard Scott Miller
Shashank Mohankumar
Robert Cletus Pilat
Sudharshna Radhakrishnan
Nikhil Ramachandra
Celine A. Schlueter
Mingshuo Shao
Alec Thomas Socha
Isabel Grace Taylor
David Gerald Waier
Chia-Ming Wang
Yunjie Wang
Jack S. Wisbiski
Yuanfeng Wu
Yujia Xie
Bingwen Yang
Michelle Yi
Guoqin Yin
Puneeth Yogananda
Nicholas J. Young
Paul Young
Samuel S. Zayed
Hanbo Zhang
Haochen Zhang
Zihan Zhang

Environmental Engineering

Peter Joseph Bongiorno
Yi Cao
Kaitlyn Gah Yee Chin
Travis Adrian Dantzer
Estefania Escobar
Kate Harrison
Brittany Brown Hicks
Tongxing Hu
Kori Ashely Johnson-Lane
Kaylin Jones
Changyoon Jun
Qiyan Liu
Maxwell K. Moore
Kelly Ni
Kirk Gareth Olsen
Julia M. Raneses

Kaleb Alaister Smith
Hang Song
Runmin Xiao

Industrial and Operations Engineering

Luca Eugenio Angelino
Adrien Beauflis
Joe Bertha
Mansi Bhupendra Bhatt
Samuel Birch
Mark J. Bobrovnikov
Thomas James Bondurant
Andrew Chiang
Haley Elise Clifton
Charles G. Coutteau
Lauren Lindley Czerniak
Marina Engstrom
Nolan K. Feeny
Claire Elizabeth Foley
Kyle Thomas Grell
Stuart R. Hart
Yifeng He
Meitong Hu
Spencer H. Keoleian
Yifan Li
Klara Mateju
Sasanka Mouli Neti
Cross H. Pagano
Sejin Park
Joshua Piepszowski
Patrik Thomas Schuler
Akshay Seth
Richard Maximilian Smith
Tessa Swanson
Kamolnat Tabattanon
Adriana Nichole Termaat-Matthews
Jason Scott Thompson
Allison Jean Vanderstoep
Yunong Wei
Seung Ho Woo
Carol Denise Yin
Dingni Zhao

Materials Science and Engineering

David Clinton Allen
Steel Nagila Cardoza
Ganlin Chen
Ryan Nicholas Fattal
Fenghe Fu
Jiajie Li
Yu-Ho Lin
Javier Eduardo Lopez-Nieto
Yu-Hung Luan
Yanjun Lyu
Brendan Casey Miles

Mayme Elizabeth Philbrick
Alexander Thaddeus Pielack
Max Corey Rotenberg
SuJay Shah
David Speer
Mohsen Taheri Andani
Leonardo Vallejo
Nicole Jiao Wang
Jiamin Wen
Chao Wu
Yuchen Wu
Zhixiong Yin
Mojue Zhang
Zane Zhang
Zijing Zhang

Mechanical Engineering

Michael Anthony Apone
Estefania Avila-Anchondo
Anubhav Bhatt
John Richard Burke
Yide Cai
Tianrui Chai
Chi-Sheng Chen
Shihao Cheng
Cansu Fatma Doganay
Gavin Campbell Everson
Amanda Doris Farthing
Michael Fisher
Jeremy Andrew Goldhawk
Benjamin J. Hesse
Matthew Hildner
Allison Michelle King
Hannah Marie Larson
Ung Hee Lee
Lucki Li
Xiao Li
Xi Lin
Spencer Patrick Linn
Yen-Wei Liu
Kely Jo Markley
Sean C. Mudge
Sangam Viren Munsiff
Huy Quyen Ngo
Lea E. Russo
Maria C. Schiavone
Ryan D. Shanahan
Xu Shang
Xiang Shen
Anand Singh
Joseph Solomon
David Stanton
Courtney Videchak
Zhaoguo Wang
Peter Westra
Allison Karen White
Youngsun Wi



Master of Science in Engineering

Qiya Yang
Daniel Yu
Jiadi Zhang
Min Zhu

Naval Architecture and Marine Engineering

Rachel Marie Bielski
Samuel Birch
Thomas James Bondurant
Andrew Britton

Samuel Joseph Edwards
Shayan Gholami
Kyle Thomas Grell
Jeb T. Hamel
Max Gerald Meyerson
Elaine Phillips
Matthew C. Pienta
Charles W. Schertzing
Maggie F. Stagner
Candace Rose Wiwel
Carol Denise Yin
Brendan Thomas Zauel

Nuclear Engineering and Radiological Sciences

Leah Margorite Clark
Isaac Gabriel Dabkowski
Abhijit Jassem
Jeemin Michael Lee
Ricardo López
Aaron Thomas Arlyn
MacDonald
A. Westley McMillan

Jordan David Noey
Shinjae Park
Deep Rakeshbhai Patel
Eric John Pearson
Nicholas John Peskosky
Rodrigo Marcio Rovner
Di Sun
Kyle Christopher Vaughn

MSE



Doctor of Engineering

Lei Sun

FIELD OF SPECIALIZATION:

MANUFACTURING

Methods for Quality Monitoring in Ultrasonic Welding of Carbon Fiber Reinforced Polymer Composites

Doctor of Philosophy

Ahmed Usama Said Said Abdelhady

FIELD OF SPECIALIZATION:

CIVIL ENGINEERING AND SCIENTIFIC COMPUTING

Resilience of Residential Wooden Structures against Wind Hazards

Tutu T. Ajayi

FIELD OF SPECIALIZATION:

ELECTRICAL AND COMPUTER ENGINEERING

Rapid SoC Design: On Architectures, Methodologies and Frameworks

Javad Bagherzadeh

FIELD OF SPECIALIZATION:

COMPUTER SCIENCE AND ENGINEERING

A Holistic Solution for Reliability of 3D Parallel Systems

Navid Barani Lonbani

FIELD OF SPECIALIZATION:

ELECTRICAL ENGINEERING

Small Electrical, Mechanical, and Biomechanical Systems of Electromagnetic Radiation

Brian Arthur Bittner

FIELD OF SPECIALIZATION:

ROBOTICS

Data-Driven Methods for Geometric Systems

Corin L. Bowen

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

Thermomechanical Experiments and Modeling of Shape Memory Alloy Tension Springs; Critical and Liberative Analyses of Engineering Educational Systems

Denis Luis Bueno

FIELD OF SPECIALIZATION:

COMPUTER SCIENCE AND ENGINEERING

Software Model Checking with Uninterpreted Functions

Tucker Burgin

FIELD OF SPECIALIZATION:

CHEMICAL ENGINEERING

Transition Pathway Perspectives in Molecular Simulations of Enzymes

Zachary Thomas Butterfield

FIELD OF SPECIALIZATION:

CLIMATE AND SPACE SCIENCES AND ENGINEERING

A Multi-Scale Assessment of Solar-Induced Chlorophyll Fluorescence and Its Relation to Northern Hemisphere Forest Productivity

Kuan-Hung Chen

FIELD OF SPECIALIZATION:

MATERIALS SCIENCE AND ENGINEERING

Rational Design of Electrode Architectures for Improved Performance of Li-metal and Li-ion Batteries

Wonjin Choi

FIELD OF SPECIALIZATION:

MATERIALS SCIENCE AND ENGINEERING

Reconfigurable Kirigami Optics and Chiral Phonons

Kathleen Chou

FIELD OF SPECIALIZATION:

MATERIALS SCIENCE AND ENGINEERING

Role of Oxygen on Phase Stability, Precipitation, Deformation, and Oxidation in Pure Titanium and Beta Titanium Alloys

Emily Marie Crossette

FIELD OF SPECIALIZATION:

ENVIRONMENTAL ENGINEERING

Microbial Diversity and Antimicrobial Resistance in Land Applied Manure

PhD

Doctor of Philosophy

David Zhenzhong Dang

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING AND
SCIENTIFIC COMPUTING

*Thermal and Structural Response Modeling of a
Woven Thermal Protection System*

Sampurna Datta Bhattacharya

FIELD OF SPECIALIZATION:

CIVIL ENGINEERING

*A Computational Model for Coupled Hydraulic-
Biochemical-Mechanical Processes of Municipal
Solid Waste Degradation*

Erin Eda Evke

FIELD OF SPECIALIZATION:

MATERIALS SCIENCE AND ENGINEERING

*Kirigami-Based Approaches to the Development of
Highly Tunable Mechanical, Electrical, and Optical
Systems and Devices*

Kunal Garg

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

*Advances in the Theory of Fixed-time Stability with
Applications in Constrained Control and Optimization*

Jiseok Gim

FIELD OF SPECIALIZATION:

MATERIALS SCIENCE AND ENGINEERING

*Hierarchical Nanostructure of Natural Biominerals
and Man-made Semiconductors*

Christian M. Greenhill

FIELD OF SPECIALIZATION:

MATERIALS SCIENCE AND ENGINEERING

*Influence of Composition and Morphology on the
Electronic Properties of Semiconductor
Nanostructures and Alloys*

LoriAnne Groo

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

*Integrated Damage Sensing in Fiber-Reinforced
Polymer Matrix Composites Using Nano- and
Micro-Scale Materials*

John Henry Hansen

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

*Control Allocation of Flexible Aircraft for Load
Alleviation*

Michelle Harr

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

*The Effects of Temperature and Microstructure on
Slip Localization in Microtextured Ti-6Al-2Sn-4Zr-
2Mo under Dwell Fatigue*

Sicheng He

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

*Aerodynamic Shape Optimization using a
Time-Spectral Approach for Limit Cycle Oscillation
Prediction*

Matthew Hildner

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

*Modeling and Control of Transient Mixing Flow for
Direct Ink Write Additive Manufacturing*

Michael Yeungjun Hua

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES

*Advances in Microscopic, Time-Correlated Neutron
Noise Techniques*

Abhijit Jassem

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES

*Analysis of Non-Uniform Cathode Emission and
Backward Wave Oscillations in a Traveling Wave
Tube*

Aman Kumar Jha

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

*Thermal Characterization of High-Power Diode
Lasers Using Thermoreflectance*

Lu Jie

FIELD OF SPECIALIZATION:

ELECTRICAL AND COMPUTER ENGINEERING

*Advanced Noise-Shaping Data Conversion
Techniques*

Doctor of Philosophy

Ilham Variansyah

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES

*A Robust Second-Order Multiple Balance Method
and α -Weighted Multigroup Constants for
Time-Dependent Nuclear Reactor Simulations*

Elnaz Kabir

FIELD OF SPECIALIZATION:

INDUSTRIAL AND OPERATIONS ENGINEERING

*Predictive and Prescriptive Analytics for Managing
the Impact of Hazards on Power Systems*

Steven Michael Karamihas

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

*Improvement of Inertial Profiler Measurements of
Urban and Low-Speed Roadways*

Mohammad Ali Kazemi Lari

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

*Multidisciplinary Study of Soft Shape Morphing
Systems*

Esmaeil Keyvanshokoo

FIELD OF SPECIALIZATION:

INDUSTRIAL AND OPERATIONS ENGINEERING

*Personalized Data-Driven Learning and Optimization:
Theory and Applications to Healthcare*

Eshita Khera

FIELD OF SPECIALIZATION:

CHEMICAL ENGINEERING

*Engineering Tumor Distribution of Antibody-Drug
Conjugates*

Daeho Kim

FIELD OF SPECIALIZATION:

CIVIL ENGINEERING

*Toward Co-Robotic Construction: Visual Site Moni-
toring & Hazard Detection to Ensure Worker Safety*

Taemin Kim

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

*Greenhouse Gas Reduction via Co-optimization of
Alternative Diesel Fuels with Compression Ignition
Engines*

Jaywoo Kim

FIELD OF SPECIALIZATION:

KINESIOLOGY AND MECHANICAL ENGINEERING

*Evaluating the Effects of Powered Prostheses on
Walking Biomechanics In and Out of the Lab*

Matthew Jeffrey Krupcale

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND RADIOLOGICAL
SCIENCES AND SCIENTIFIC COMPUTING

*Modeling Dispersion of Radionuclides in the
Turbulent Atmosphere*

Charles Olson Leak

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES

*Techniques for Pixelated Ambipolar-Sensitive
Semiconductor Gamma-Ray Spectrometers*

Jeongsup Lee

FIELD OF SPECIALIZATION:

ELECTRICAL AND COMPUTER ENGINEERING

*Implementations of Low-Power μ Processor System
for Miniaturized IoT Applications*

Sangmin Lee

FIELD OF SPECIALIZATION:

CHEMICAL ENGINEERING

*Assembly Behavior of Hard and DNA-Programmable
Colloidal Shapes into Complex Crystal Structures*

Suhak Lee

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

*Electrode-Specific Degradation Diagnostics for
Lithium-Ion Batteries with Practical Considerations*

Nan Li

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

*Game-Theoretic and Set-Based Methods for Safe
Autonomous Vehicles on Shared Roads*

Bingjie Liu

FIELD OF SPECIALIZATION:

INDUSTRIAL AND OPERATIONS ENGINEERING

*Simulation Parameter Calibration with Field
Operational Data: Methods and Applications*

Doctor of Philosophy

Chester Liu

FIELD OF SPECIALIZATION:
ELECTRICAL ENGINEERING

Design of Configurable and Extensible Accelerator Architecture for Machine Learning Algorithms

Rundao Lu

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING

CMOS mm-Wave Digital Beamformer Receiver with Parallelized Continuous-Time Band-Pass Delta-Sigma ADCs

Tianrui Luo

FIELD OF SPECIALIZATION:
BIOMEDICAL ENGINEERING

MRI Excitation Pulse Design and Image Reconstruction for Accelerated Neuroimaging

Sabrina Rachel Lynch

FIELD OF SPECIALIZATION:
BIOMEDICAL ENGINEERING

Non-Newtonian Stabilized Mass Transport Model: Applications to Thrombosis Research in Cardiovascular Hemodynamics

Jamie L. MacLennan

FIELD OF SPECIALIZATION:
APPLIED PHYSICS

Rydberg Molecules and Excitation of Lattice-Mixed Rydberg States in a Deep Ponderomotive Optical Lattice

Ifeanyi Kizito Madu

FIELD OF SPECIALIZATION:
CHEMICAL ENGINEERING

Understanding the Optical and Photophysical Properties of Organic and Hybrid Macromolecules and Polymers for Solar Cell Application

Lauren Marie Mancia

FIELD OF SPECIALIZATION:
MECHANICAL ENGINEERING

Numerical Investigations of Cavitation-Induced Tissue Damage

Wesley Javier Marrero Colon

FIELD OF SPECIALIZATION:
INDUSTRIAL AND OPERATIONS ENGINEERING

Data-Driven Decision Making in Healthcare

Candice Kaplan Martin

FIELD OF SPECIALIZATION:
AEROSPACE ENGINEERING

Analysis of the Aerodynamics of Tumbling Spacecraft During Orbital Decay and Reentry

Jason Martinez

FIELD OF SPECIALIZATION:
CIVIL ENGINEERING

Finite Element Analysis of Steel-Concrete Composite Floor Systems under Traveling Fires

Alvaro Giovanni Masias

FIELD OF SPECIALIZATION:
MATERIALS SCIENCE AND ENGINEERING

Properties of Lithium Metal for Solid State Batteries

David R. Mayers

FIELD OF SPECIALIZATION:
APPLIED PHYSICS

New Applications of Satellite-Measured Tropical Cyclone Wind Speeds

Peter Benjamin Meisenheimer

FIELD OF SPECIALIZATION:
MATERIALS SCIENCE AND ENGINEERING

Disorder Engineering of Ferroic Properties

Bruna Menezes

FIELD OF SPECIALIZATION:
CHEMICAL ENGINEERING

A New Hybrid Agent-Based Model to Evaluate Antibody-Drug Conjugates in Solid Tumors

Aaron Huber Mininger

FIELD OF SPECIALIZATION:
COMPUTER SCIENCE AND ENGINEERING

Expanding Task Diversity in Explanation-Based Interactive Task Learning

Seyedamirhossein Mirhosseininiri

FIELD OF SPECIALIZATION:
COMPUTER SCIENCE AND ENGINEERING

Datacenter Architectures for the Microservices Era

John Moon

FIELD OF SPECIALIZATION:
ELECTRICAL ENGINEERING

Temporal Data Analysis Using Reservoir Computing and Dynamic Memristors

Doctor of Philosophy

Hideaki Nakao

FIELD OF SPECIALIZATION:

INDUSTRIAL AND OPERATIONS ENGINEERING
Distributionally Robust Optimization in Sequential Decision Making

Jalal Adham Nasser

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING
Nanostructured Interphases for Improved Interfacial Adhesion in Structural and Ballistic Composites

Cosme Almanzor Ochoa

FIELD OF SPECIALIZATION:

ROBOTICS
Metalevel Motion Planning for Unmanned Aircraft Systems: Metrics Definition and Algorithm Selection

James Kayode Ofuegbe

FIELD OF SPECIALIZATION:

NAVAL ARCHITECTURE AND MARINE ENGINEERING
Relation at the Fluid-Structure Interface and Residuary Force in Flow Induced Oscillations with Experimental Validation (VIV & Galloping)

Zhicheng Ouyang

FIELD OF SPECIALIZATION:

CIVIL ENGINEERING AND SCIENTIFIC COMPUTING
Computational Frameworks for Probabilistic Performance-Based Wind Assessment of Envelope Systems of Engineered Buildings

Daniel Rocky Owen

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES
Modeling Dose-Function Response and Toxicity Pathways in Non-Small Cell Lung Cancer Patients Undergoing Radiation Treatment

Sarah N. Owen

FIELD OF SPECIALIZATION:

CHEMICAL ENGINEERING
Application of Ultra-low Circulating Biomarkers and Single Cell Analysis from Solid Tumors with Single Molecule Resolution

Shaowu Pan

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING AND SCIENTIFIC COMPUTING
Robust and Interpretable Learning for Operator-Theoretic Modeling of Non-linear Dynamics

Charles Park

FIELD OF SPECIALIZATION:

BIOMEDICAL ENGINEERING
Immunoengineering Approaches for the Treatment of Cancer and Prevention of Infectious Diseases

Taeju Park

FIELD OF SPECIALIZATION:

COMPUTER SCIENCE AND ENGINEERING
Optimization of In-Vehicle Network Design

Hanzhang Pei

FIELD OF SPECIALIZATION:

ELECTRICAL AND COMPUTER ENGINEERING AND SCIENTIFIC COMPUTING
High Fidelity Coherent Pulse Stacking Amplification with Intelligent System Controls

Samuel Louis Pellone

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING
Vorticity Dynamics of Hydrodynamic Instabilities Occurring at Material Interfaces: Application to High-Energy-Density Systems

Yibo Pi

FIELD OF SPECIALIZATION:

COMPUTER SCIENCE AND ENGINEERING
Evaluating and Improving Internet Load Balancing with Large-Scale Latency Measurements

Michael Vernon Potter

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING
Advancing Human Lower-limb Kinematic Estimation Using Inertial Measurement Units

Vyas Ramasubramani

FIELD OF SPECIALIZATION:

CHEMICAL ENGINEERING AND SCIENTIFIC COMPUTING
Exploring the Limits of Hard Shape Models for Self-Assembly

Doctor of Philosophy

Naomi Sasha Ramesar

FIELD OF SPECIALIZATION:
CHEMICAL ENGINEERING

Engineered Supraparticles and Their Photocatalytic Applications

Nicole Chase Rocky

FIELD OF SPECIALIZATION:
ENVIRONMENTAL ENGINEERING

Novel Approaches to Monitor Virus Fate Through Water Treatment Processes

Jared Michael Scott

FIELD OF SPECIALIZATION:
BIOMEDICAL ENGINEERING

Temporal Characteristics of High-Frequency Oscillations as a Biomarker of Human Epilepsy

Omar Ashraf Omar Abdelkawy Sediek

FIELD OF SPECIALIZATION:
CIVIL ENGINEERING AND SCIENTIFIC COMPUTING
Multiscale Simulation and Assessment of the Seismic Resilience of Communities

Qicang Shen

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES AND SCIENTIFIC COMPUTING
Robust and Efficient Methods in Transient Whole-Core Neutron Transport Calculations

Shilva Shrestha

FIELD OF SPECIALIZATION:
ENVIRONMENTAL ENGINEERING
Advancing Chain Elongation Technology for Medium Chain Carboxylic Acids Production from Waste Streams

Benjamin David Silcox

FIELD OF SPECIALIZATION:
CHEMICAL ENGINEERING
Stability and Cyclability Predictions of Redox Active Organic Molecules for Non-Aqueous Redox Flow Batteries

Catherine Suzanne Snyder

FIELD OF SPECIALIZATION:
MATERIALS SCIENCE AND ENGINEERING
Polymer Nanoparticle Design for Ovarian Cancer Therapies

Isaac Anton Spiegel

FIELD OF SPECIALIZATION:
MECHANICAL ENGINEERING
Hybrid Systems, Iterative Learning Control, and Non-minimum Phase

Siddhartha Srivastava

FIELD OF SPECIALIZATION:
AEROSPACE ENGINEERING
Graph Theoretic Algorithms Adaptable to Quantum Computing

Felicia Sutanto

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES
Fast Neutron Background Quantification in Water Cherenkov and Segmented Organic Scintillation Antineutrino Detectors

Yihao Tang

FIELD OF SPECIALIZATION:
AEROSPACE ENGINEERING
Numerical Prediction of Turbulent Non-Premixed Forced Ignition in Altitude Relight

Eleni Temeche

FIELD OF SPECIALIZATION:
MATERIALS SCIENCE AND ENGINEERING
Solid Electrolytes Derived From Precursors and Liquid-Feed Flame Spray Pyrolysis Nano-Powders to Enable the Assembly of All-Solid-State-Batteries

Brian Daniel Tobelmann

FIELD OF SPECIALIZATION:
MATERIALS SCIENCE AND ENGINEERING
Design of High-Performance Surfaces for Controlling Phase Transformation

James Bryan Usevitch

FIELD OF SPECIALIZATION:
AEROSPACE ENGINEERING
Advancements in Adversarially-Resilient Consensus and Safety-Critical Control for Multi-Agent Networks

Qi Wang

FIELD OF SPECIALIZATION:
MECHANICAL ENGINEERING
Stochastic Modeling of the Formation of Aromatics in Combustion



Doctor of Philosophy

Tianlin Wang

FIELD OF SPECIALIZATION:
ELECTRICAL ENGINEERING

Engineering Calibration and Physical Principles of GNSS-Reflectometry for Earth Remote Sensing

Xintong Wang

FIELD OF SPECIALIZATION:
COMPUTER SCIENCE AND ENGINEERING

Computational Modeling and Design of Financial Markets: Towards Manipulation-Resistant and Expressive Markets

Xinyan Wang

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES

The Gamma Deposition Matrix Method for Coupled Neutron-gamma Reactor Heating Calculations

Yuanying Wang

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING
Computationally-Efficient Thermal Modeling Techniques for Electric Machines

Charles Fredrick Welch

FIELD OF SPECIALIZATION:
COMPUTER SCIENCE AND ENGINEERING
Leveraging Longitudinal Data for Personalized Prediction and Word Representations

Brendan Lee West

FIELD OF SPECIALIZATION:
COMPUTER SCIENCE AND ENGINEERING
Streaming Architectures for Medical Image Reconstruction

Yu Yao

FIELD OF SPECIALIZATION:
ROBOTICS
Collection and Analysis of Driving Videos Based on Traffic Participants

Mostafa Mahmoud Mohamed Zaky

FIELD OF SPECIALIZATION:
ELECTRICAL ENGINEERING
Electromagnetic Modeling for Radar Remote Sensing of Snow-Covered Terrain

Chengwei Zhai

FIELD OF SPECIALIZATION:
INDUSTRIAL AND OPERATIONS ENGINEERING
Simulating Long-Term and Short-Term Community and Infrastructure Vulnerability and Response to Natural Hazards

Songan Zhang

FIELD OF SPECIALIZATION:
MECHANICAL ENGINEERING
Synthesis and Evaluation of Automated Vehicles

Boyi Zheng

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING
Multiple-element Direct Digital Beamforming For Next Generation Wireless Communication System

Wenqing Zhou

FIELD OF SPECIALIZATION:
NAVAL ARCHITECTURE AND MARINE ENGINEERING
Modeling of Welding-Induced Distortion Effects on Fatigue Behaviors of Lightweight Shipboard Structures

PhD

Bachelor of Science

Computer Science

Aaron Ballmer
Christopher Cooley
Nishant Dalmia
Nicole Lynn Kessler

Mohamad Khatib
Jihyeong Ko
Alexander Lin
Ryan Alexander Magyar
Brian McNair
Yuanhao Meng

Adam Michael Michalec
Klara Schmidt
Pavitra Srinivasan
Graham M. Tarling

Data Science

Charles Thomas Reinertson

Bachelor of Science in Engineering

Aerospace Engineering

Nora Dean Shapiro**
Amalia Siavelis***^
Ryan Skorka***^
Venkat R.
Subramaniam***^

Biomedical Engineering

Elizabeth Rose Rubenson*^
Emmett Jacob
Springer***^

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Mariana Moreno-Nava

Civil Engineering

Jack Riley**^

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Shannon***^
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Mechanical Engineering

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Nuclear Engineering and Radiological Sciences

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AUG
2021



Master of Engineering

Integrative Systems + Design

Global Automotive and Manufacturing Engineering

Hang King Ling
Daniel Dominic Mangino
Matthew Simonin
John David Taylor

Systems Engineering and Design

Kartik Saxena
Mary Katherine Schuh

Master of Science

Biomedical Engineering

Hind AlYahya

Design Science

Andrew K. Boskovich
Abby Marie Chapin
Manahil Hashmi

Jen Nwuli

Jennifer Rhau
Alyssa Tong Spickermann
Adeline M. Steffen
Madeline K. Trevisan

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2021**

Master of Science in Engineering

Biomedical Engineering

Jin Heon Jeon

Environmental Engineering

Jeremy Richard Nyitrai

Bachelor of Science

Computer Science

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 Viknesh Alagappan
 Badr H. Al-Dhalaan
 Rishi Nitin Barad
 Zeke Bass
 Dan Berfein
 Darcy Billian
 Ryan Douglas Bluhm
 Jonathan Markus Brasch
 Michael Gerald Brazeau
 Robert L. Brown
 Chengyu Chen
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 Dong Wook Chung
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 Guduguntla
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 James Hazelden
 Jiachen He
 Daniel Angel Herrerias
 Joseph Howard
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 Wendan Jiang
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 Juliet Rosalie Levesque
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 Maria Marginean
 Aaron S. Mealey
 Aashia Mehta
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 Maytham Naei

Jun Seok Oh
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 Samarth Sarin
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 Andrew Joseph Shina
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 Yixiao Wang
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 Yineng Yan
 Grace Yang

Johnathan Yang
 Mohsen Seraji Yovan
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 Tianyi Zhao
 Yujing Zhong
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Data Science

Prince Charles Boabeng
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 Nicholas Dong
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 Jiapeng Guo
 Alexander R. Hedge
 Yawen Hu
 Dinko Imsirovic
 Eric Edwin Johnson
 Kaitlin Joy Kahler
 Sanjay Kondapalli
 Qian Lin
 Sashankh Parthasarathy
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 Hiren Vinubhai Patel
 Nathan Shapiro
 Linda Tang
 Eric J. Tao
 Jessica Wu
 Zhenxi Wu
 Juye Xiao
 Shuyue Xu
 Junjian Xue
 Tristan Zhang

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Bachelor of Science in Engineering

Aerospace Engineering

George William
 Adamson***^
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 Cameron Buccellato**
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 Haoran Chang**
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 Geoffrey Robert McVey***
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 Constantine Jeffrey Peters*
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 Kirsten A. Reid*
 Evan Scott Ribbe***

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 Schiffer***
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Biomedical Engineering

Nicholas Edward Adler*
 Tyrone Markel Edwards, Jr.
 James Mathew George***^
 Izabella Anna Geza**
 Rohan Perisetla
 Raahul Ravi***

Sydney Ann Serra
 Austin Edward Stis***
 Rhea Verma***
 Cara Janay Young**

Chemical Engineering

Sayed Ahmad J A S A S H
 Almohri
 Hailey Elizabeth Blum**
 Hadia N. Bokhari
 Benjamin Gustave
 Brandstadt***



Bachelor of Science in Engineering

Joanne Chung*
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 Enwerezo**
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 Benjamin George Gurarie**
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 Gankhuyag Purevdorj
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 Chase Addison Shelbourne*
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Civil Engineering

Ryan Kenneth
 Armbrustmacher***
 Joseph C. Comstock
 Kensey Marie Dahlquist**
 Valentina M. Esho
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 Dipika Lakshmi
 Krishnaswami
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 Elizabeth Angela McBeath
 Nicholas Monson***
 Kelly Ni***
 Cameron A. Speare**

Computer Engineering

Jaim Befeler*
 Ana Beyer
 William J. Bostick***
 Andrew Bourgeois**
 Robert Benjamin Cecil
 Aleksandar Anthony
 Cerne**
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 Chiu Yau Cheung**
 Luke Francis Cohen*
 Jonathan Michael Cordes
 Preston J. Fossee*

Matthew Gerard
 French***^
 Hoon Jeong**
 Cokey Ke***
 Bryan Q. Liu***
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 Vivian Thanhvan Nguyen
 Nathan Alexander Ozog***
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 Zachary D. Simpson
 John Fairbanks
 Straetmans***
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 Peter John Wrobel***
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 Yifan Zhu

Computer Science Engineering

Youssef Mohamed Afify***
 Sam Aidala**
 John C. Ambrose*
 Natasha Badami**
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 Scott Jay Beinlich***
 Noa Ben-Efraim**
 Ibtida Intisar Bhuiyan**
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 Andrew W. Brown
 Jacob Scott Burley**
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 Matthew Scott Chamberlain
 Brian Chak Kwan Chan*
 Bryan Chuing Seang
 Chan***
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 Kai Ren A. Cheng***
 Kristian Cho
 Robert Antonio Dekovich*
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 Andrew J. Dickinson***
 Tanner D. Dunn**
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 Max Froehlich***
 Caleb James Glover
 Samuel Ruben Gonzalez
 Nikhil Gopalam**
 Matan Gabriel
 Gottesman***
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David Charles Hansen**
 Joel Samuel Harrison***
 Lixon He*
 Tanvi Hegde**
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 Kvasnica***
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 Andrew Slone Moses
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 Baha Okten*
 Sean Oliver**
 Robert Aung Hein Oo**
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 Papanastasopoulos***
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 Patterson***^
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 Edward John Peper*
 Neel Pujari**
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 Vishnu Yekolla Reddy**
 Zhijie Ren
 Riley June-Marie Schnee**
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 Ava Rose Seldin***
 Pranay Snehal Shah***
 Nischal Shankar**
 Menghao Shi

Junwon Shin***
 Isaiah James Shurtliff**
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 Sean Conor Stapleton***
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 Akshay Subramaniam***
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 Kevin Tang***
 Atreya Raman Tata***
 Rishi Tekriwal***
 Kasidit Thammajinda***
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 Akarsh Verma***
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 Sky Wang**
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 Austin Wesley Wong**
 Austin W. Xie***
 Yuxi Xie***
 Rena Xu**
 David Bob Yang***
 Jim Yang***
 Jason Nicholas Ye***
 Gregory Samuel Young*
 Daniel Haoze Yu***
 Audrey Zhang*
 Ken Zhang***
 Andrew J. Zhou***
 Hongting Zhu***^

Data Science Engineering

Bryan Chuing Seang
 Chan***
 Andrej Coleski***
 Bofei Dong***
 David Charles Hansen**
 Lixon He*
 Aram Hovakimian
 Tee Kasetruwan*
 Jack Henry Lucci
 Thejas Komarraju
 Suvarna***
 Daniel Haoze Yu***
 Yifan Zhu

Electrical Engineering

Heba Ali Abdallah*
 Sebastian Betancourt**
 Hyeonsu Do**
 Christopher Dong***

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Bachelor of Science in Engineering

Madeline Claire Evans*
 Derek Manuel Fermin Olivares***
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 Raheida Khaliq
 Jonathan Kim
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 Jerry Liu**
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 Alexa Roberts**
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 Adam David Shelby*
 Chaz William Thomas
 Jack Weitze***
 Patrick Edward Willard**
 Joshua E. Woods***
 Alexander Zinkan

Engineering Physics

Ahmed Nafis Arafat**^
 Garrett W. Duckworth**
 Derek Manuel Fermin Olivares***
 Brandon Mosher

Environmental Engineering

Rebecca Danielle Bartlett*
 Patrick Fitzgerald Fegan**
 Natalie Brielle Guenther***
 James William Frederick Jones
 Letty Loeza
 Jacob Andrew North
 Karly Marie Simon*
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Industrial and Operations Engineering

Philip Charles Allen
 Taylor Jordan Antes*
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 Alexandria E. Bopp***
 Glen Joon Bredin*
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 Imani C. Carson**
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 Garbis Chekerdjian***
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 Christine Michelle George***
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 Zachary Adam Janson*
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 Nikhil Patel
 Joshua Piepszowski*
 Subhasri Pothuraju**
 Andres Richardson Martinez***
 Christopher Schemanske**
 Kip Alan Schimmoeller
 Gabriel Louis Toth
 Asia Woods
 Yansheng Xiong

Materials Science and Engineering

Kayla T. Byrd
 Hailey Marie Kuntz*
 Malhar B. Kute***
 Kenneth Peterson**
 Grant Louis Saxman**
 Joseph T. Spielman**

Gloria Grace VanRenterghem**
 Lucas Steven Wightman*
 Xiting Zhang***

Mechanical Engineering

Thanvir Ahmed
 Sam Aidala**
 Erik Aittama*
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 Ethan David Baker*
 Sravan Balaji***
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 Sean Thomas Bissell*
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 Jimin Yang**
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Naval Architecture and Marine Engineering

Aaron Giuseppe Parsons

Nuclear Engineering and Radiological Sciences

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 Lennon Murillo



Bachelor of Science in Engineering

Space Science and Engineering

Alanah M. Cardenas-O'Toole**
Emma Kessella Conrad***

Certificate of Advanced Studies in Engineering

Innovation and Entrepreneurship

Laura Bridget Andre
Audelia Michal Judith Szulman

Master of Engineering

Construction Engineering and Management

Weixi Li
Dariya Protcheva

Integrative Systems + Design

Automotive Engineering

Zianga Malisha Abraham
Sai Bharath Bendi
Jordan David Butler
Mario Carrera
Vardhaman Dadaso
Chougule
Alexander Crean
Anudeep Reddy Dyapa
Mohamad-Wajih Issam
Farhat
Bhushan Ravindra Ghadge
Abhidnya Atul Pandhare
Pulkit Shandilya
Apurva Prashant Sontakke
Muwei Teng
Matthew Joseph Tolkaz

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Wernette
Brett Wolff

Energy Systems Engineering

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Trevor George Marlin
Benedict D. Newball
Anna Marie Nham
Sarin Parikh
Shashank Prakash Nair
Tao Tan
Kris Yowtak

Global Automotive and Manufacturing Engineering

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Felipe de Jesus Davila
Morales
Michael Edwin Hard
Christopher Michael
Heinzen
Yang Hua

Mark Christopher Huyge
Michael Nicholas Karana
Connie Lam
Jacob Mann
Priyanka Marudhavanan
Rogerio Muciño Loya
Brian Daniel Phillips
Suresh David Raj
Chaitanya Manoj Shah
Sanmit Sanjot Shah
Grace Shao
Scott Philip Sier
Priti Singh
Rajamanickam V S
Renato Tumonis

Manufacturing

Zhi Ming Lin
Zonta R. Owens
Aman Poddar
Haotian Sun
Lujie Sun
Onkar Madhav Valse

Systems Engineering and Design

Mandappa Devaiah
Biddanda
John R. Girgis
Michael J. LaFramboise
Calvin McKaye Preston
Kurt VonEhr

Space Engineering

Donnie Anderson
Kelsen William Case
Jesus Armando Christian
John Doughty Cole
Paige Fluehr Cooley
Korinn Detter
Shengjie Dong
Logan Kade Fettes
Julia Nicole Garner
Ethan Douglas Gregory
Minna Christine He
Parker J. Kurlander

Structural Engineering

Rihan Louis Rayyan

DEC
2020

Master of Science

Biomedical Engineering

Floyd J. Brinley IV
Mikhail Darius Chowdhury
Israa Hadi
George Spencer Malinee
Merjem Mededovic
Daniel Norton
Vaishnavi Potluri
Madelynn Rose Ruhlman
Akshada Ramesh Shinde
Jonathan Paul VanPaepeghem
Kai Wang
Caroline Marie Welsh
Daiyao Yi

Climate and Space Sciences and Engineering

Timothy Benjamin Keebler
Brandon M. Ponder
Alexander Shane
Chloe Anne Whicker

Computer Science and Engineering

Aniruddh Anand Agarwal
Iris Bao
Ervin Aidan Batka
Zineb Benameur-El Youbi
Haobo Chen
Mu Chen
Chen Guo
Dimple Kishan Kumar Jeswani
Fahad Kamran
Yirui Liu
Chess Luo
Yu Mei
Won Park
Mingran Peng
Yiqin Qiu
Tengda Tang
Jiaxin Wang
Zhesheng Xie

Zhipeng Xu
Jiaxin Ye
Ethan Zhang
Runyu Zheng
Siyuan Zheng

Data Science

Shivika K. Bisen
Huiyang Ding
Ransheng Guan
Zhihao Guo
Chung Hoon Hong
Jiahui Ji
Qiwen Mao
Dorsa Massihpour
Jiali Pan
Amit Nityanand Sawant
Spencer Vagg
Kaiqi Wang
Yun Wang
Martin Zanaj
Haomin Zhao

Design Science

Feiqi Gu
Xinying Han
Samarth Shrikant Mendke

Electrical and Computer Engineering

Minhyung Ahn
Zachary Michael Alfred
Faris Abdullah S. Aljehani
Ester E. Bentley
Aashray Rajnish Bhandari
Tamanna Bhatia
Ruiying Chai
Can Chen
Chaoyi Chen
Lili Chen
Saptadeep Debnath
Bryan Berlin Edwards
Kaiduo Fang

Mingjie Gao
Nitish Goel
Jeffrey Alex Horowitz
Jingru Hou
Chengyang Huang
Xinjing Huang
Arushi Jain
Aman Kumar Jha
Sukriti Khanna
Krishnamurthy Kulkarni
Suyash Kumar
Tarun Kumar
George Craig Lawson
Jeremy Lu
Pooja Sunil Mahajan
Shreya Mahajan
Snehal Bhalchandra Prabhu-desai
Namera Prateek Bopaiah
Menglou Rao
Anwaya Rath
Juan Salinas, Jr.
Ram Srivathsa Sankar
Hamil P. Shah
Abhinav Sharma
Eric James Shumaker
Yu-Hsiu Sun
Mohammadreza Tavasoli
Naeini
Zihan Tian
Shoutian Wang
Xinyang Wang
Haoxiang Wu
Haoming Yang
Jun Ying
Hao Zhang
Yushu Zhang
Ding Zhou

Engineering Education Research

Sarah Jane Bork

Industrial and Operations Engineering

Tanishq Das
Anubhav Gupta
Cheng-Wei Li
Mayur Hasmukhbhai Padharia
Swaminathan Raman
Shraddha Ramesh
Tian Wang
Yuhao Wang
Wang Xiang
Shun Yao
Daiwen Zhang

Naval Architecture and Marine Engineering

Willis Tarn

Nuclear Engineering and Radiological Sciences

Joseph Messina IV

Robotics

Harrison Linfeng Chen
Hsuan-Cheng Chen
Li Chen
Mu-Ti Chung
Brian Andrew Gerber Fogelson
Grant Aaron Gibson
Nam Gyu Kil
Shih-Chi Liao
Jianping Lin
Niraj Bipin Patel
Tor Aksel Shepherd
Haochen Wu
Xuran Zhao
Sheng Zhong

Master of Science in Engineering

Aerospace Engineering

Benjamin James Alvarado
 Michael R. Burton
 Shamsheer Singh Chauhan
 Jared R. Chin
 Prit Chovatiya
 Harshil Dadhaniya
 Pieter Willem Marcus de Buck
 Tal Dohn
 John Graner
 Emanuel Raymond Grella
 Barry Eugene Ray Holland
 Michael Patrick Levy
 Tianqi Liu
 Sanjar Obidov
 Kaelan Jewel Oldani
 Chirag Arvind Patel
 Simon Francois Andre Rondot
 Audelia Michal Judith Szulman
 Kimberlyn Tilley
 Sarah H. Ting
 James Usevitch

Biomedical Engineering

Mahmoud M. Komaiha
 Quentaya Monae Peoples
 Andrew Maher Rabah
 Lianna T. Shimoun
 Madison A. Tarnowski
 Abhay Mayank Vora

Chemical Engineering

Emma Rose Brannon
 Harry Cai
 Yinuo Chen
 José Carlos Díaz
 Carolina Espinoza
 Jacques Andre Esterhuizen
 Conor Gage Harris
 Jiwoong Kang
 Eshita Khera
 Patrick Kinnunen
 David Kitto
 Tianyu Liu
 Baharan Meghdadi
 Bruna Menezes
 Danielle Richards
 Matthew Duncan Smith
 Samuel David Young

Civil Engineering

Haoyuan Bai
 Julie Elizabeth Bateman

Yongjia Cui
 Hao Huang
 Ruipu Ji
 Baichuan Jiang
 Yilun Li
 Runze Lin
 Yaqi Lu
 Quan Miao
 Megan Martha Morford
 Maria Redoutey
 Ye Tian
 Zihan Tian
 Haoming Yang
 Jun Ying
 Jian Zhao
 Ding Zhou
 Lei Zhou
 Junda Zhu

Computer Science and Engineering

Noor D. Bhagwagar
 Joseph Bernard Buiteweg
 Enya Chen
 Allison Kate Easton
 Yifan Guan
 Ryan T. Johnson
 Cheng-Yu Lin
 Oliver Miles
 Ian Glen Neal
 Anthony William Opirari III
 Benjamin Pinzone
 Fangzhou Shi
 Troy R. Stacer
 Andrew Michael Vernier
 Yungang Wang
 Nicholas Zachary Wendt

Construction Engineering and Management

Zijing Fu
 Xinyi Wang
 Xinyao Zhang

Electrical and Computer Engineering

Brendan D. Adkins
 Shantanu Agrawal
 Michael Maher Arwashan
 Jack Baxley
 Martin Alexander Brown
 Alex L. Chen

Zachary Phillip Colter
 Darwin Fernando
 Cordovilla Leon
 Skyler Evan Granatir
 Ishan Anilbhai Koradiya
 Yu-Han Lin
 Zhiqi Lin
 Shoma Matsui
 Garrett William Sculthorpe
 Yaodong Shen
 David Smirnov
 Deepen Manoj Solanki
 Jaret Ross Stillman
 Katarina Marija Subotic
 Du Wen
 Owen William Winship
 Ziyue Zhou

Environmental Engineering

Peter Julian Wichhart Arts
 Xi Chen
 Xiaoqi Hu
 Andrew W. Knapp
 Nathaniel Robert Sculley
 Kathryn Marie Teske
 Ariana Nicole Wade
 Xinyi Xu
 Yun Yue
 Yihan Zhang

Industrial and Operations Engineering

Zewen Ai
 Harshitha Balaji
 Stephanie Chan
 Robert Chen
 John Curtis Cima
 Xuhao Dai
 Victoria Rose Glunt
 Jordan Scott Goodman
 Jen Hung
 Jonathan Dennis Jan
 Ji Hyun Kim
 Heya Ouyang
 Rudy Rao
 Oshita Hemchandra Sapte
 Garrett Andrew Schaub
 Isaac Smith
 Ziqi Wang
 Zhenhao Zhang
 Lanxuan Zhao

Materials Science and Engineering

Tristan Marshall Blanzly
 Albert Chang
 Tony Chiang
 Matthew Joseph Higgins
 Chao Huang
 Huai-Fu Huang
 Tao-Yu Huang
 Sudeep Nerlige Manjunath
 Keara Therese Saud
 Suk Hyun Sung
 Bingyu Wu
 Bokai Zhang
 Tianyang Zhu

Mechanical Engineering

Christian Domenick Argenti
 Yeongyun Anna Ay
 Nadim Al Bari
 Zachary T. Boehm
 Monya Grace Bransky
 Mandy Hope Chang
 Cheng-Hao Chou
 Sonya Dick
 Claire Hannah Dodinval
 Yiming Fan
 Kaiduo Fang
 Alireza Golkarieh
 Yide Gu
 Gianni Respicio Guccione
 Chengyang Huang
 Sean Thomas Kelly
 Daewoong Kim
 Samuel Byung-Deuk Lee
 Sangwon Lee
 Yuzhang Liu
 Matthew Allan Lyng
 Julia Charlotte Magee
 Leo J. McManus
 Aohan Mei
 Lakshmanan M.
 Periakaruppan
 Kevin Onderdonk Potter
 Mara A. Quinn
 Paige Lynette Reiter
 Naman Vijay Shah
 Luyang Wang
 Yuanying Wang
 Hao Weng
 Ruihong Weng



Master of Science in Engineering

Mechanical Engineering

Yudong Wu
Hao Zhang
Yuning Zhang

Naval Architecture and Marine Engineering

Spiridon Kasapis
Brandon Walburg

Nuclear Engineering and Radiological Sciences

Trevor L. Casey
Flynn Darby
Avery Sumner Grieve
Michael Hua

John Robert Kuchta
Mark Lee
Elinor Mullin
Roxanne Zita Pinsky
Trevor Johannes Smith
Emily Hong-Nhi Vu

DEC
2020

Doctor of Philosophy

Krystal Lauren Acosta

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

Characterizing the Pyroelectric Effects in Macro-fiber Composites

Minhyung Ahn

FIELD OF SPECIALIZATION:

ELECTRICAL AND COMPUTER ENGINEERING

Ultrafast Laser-Material Interactions with Wide Bandgap Semiconductors and High Entropy Oxide Based Memristors

Navid Alamati

FIELD OF SPECIALIZATION:

COMPUTER SCIENCE AND ENGINEERING

Algebraic Frameworks for Cryptographic Primitives

Zakaria Aldeneh

FIELD OF SPECIALIZATION:

COMPUTER SCIENCE AND ENGINEERING

Robust Methods for the Automatic Quantification and Prediction of Affect in Spoken Interactions

Alejandro Francisco Azocar

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

Design, Control, and Perception of Bionic Legs and Exoskeletons

Rajeswari Balasubramaniam

FIELD OF SPECIALIZATION:

CLIMATE AND SPACE SCIENCES AND ENGINEERING

Investigating the Sensitivity of Spaceborne GNSS-R Measurements to Ocean Surface Winds and Rain

Paul C. Campbell

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES

Stability and Power Coupling in Dynamic Screw Pinch Plasmas

Shamsheer Singh Chauhan

FIELD OF SPECIALIZATION:

AEROSPACE ENGINEERING

Optimization Studies for Aircraft Considering Propeller-Wing Interaction

Minchang Cho

FIELD OF SPECIALIZATION:

ELECTRICAL AND COMPUTER ENGINEERING

Distributed, Intelligent Audio Sensing Enabled by Low-Power Integrated Technologies

Sung-Gun Cho

FIELD OF SPECIALIZATION:

ELECTRICAL AND COMPUTER ENGINEERING

Scalable, High-Performance Accelerators for Neural Network and Signal Processing: Logical and Physical Design Considerations

Suzanne L. Chou

FIELD OF SPECIALIZATION:

MECHANICAL ENGINEERING

Exploring 'Designer Context' in Engineering Design: The Relationship Between Self, Environment, and Design Methods

Joseph Michael Cicchese

FIELD OF SPECIALIZATION:

CHEMICAL ENGINEERING

Multiscale Modeling of Tuberculosis Disease and Treatment to Optimize Antibiotic Regimens

Marianna Joy Couleantianos

FIELD OF SPECIALIZATION:

DESIGN SCIENCE

The Use of Prototypes to Engage Stakeholders in Low- and Middle-Income Countries During the Early Phases of Design

Junjie Guo

FIELD OF SPECIALIZATION:

NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES

Model-Based Cyber-Security Framework for Nuclear Power Plant

Brett Dallas Hill

FIELD OF SPECIALIZATION:

CHEMICAL ENGINEERING

Development of a Yeast Biosynthetic Platform for Rapid Production and Engineering of an Influenza Virus-like Particle Vaccine

Doctor of Philosophy

Nisha Rosita Hollingsworth

FIELD OF SPECIALIZATION:
MACROMOLECULAR SCIENCE AND
ENGINEERING

Investigating and Engineering Polymeric Interfaces: Elucidating the Swelling of Polyelectrolyte Brushes and Brush Bilayer Thin Films and the Development of Novel Electrospun Polymer Membranes for the Catalysis of Biodiesel

Suneel Joglekar

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING
Solution-Processed Perovskite Active Materials for Photovoltaics and High-Energy Radiation Detection

Drew Coulson Johnson

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES
Origin and Characterization of the Local Stress State at Dislocation Channel - Grain Boundary Interaction Sites and its Role in Irradiation Assisted Stress Corrosion Cracking

Yao Elizabeth Kovach

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES
Plasma Self-organization and its Development on Liquid and Metal Anode Surfaces in Atmospheric Pressure DC Glow

Yejun Lao

FIELD OF SPECIALIZATION:
CIVIL ENGINEERING
Control of Ocean Wave Energy Converters with Finite Stroke

Ching-En Lee

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING
Domain-Specific Computing Architectures and Paradigms

Samuel C. Leguizamon

FIELD OF SPECIALIZATION:
CHEMICAL ENGINEERING
Information-Directed Hybridization of Abiotic, Sequence-Defined Oligomers

Omar Jesus Leon

FIELD OF SPECIALIZATION:
APPLIED PHYSICS
The Twin-Probe Method: Improving the Accuracy of Langmuir Probes on Small Spacecraft

Qingqing Liu

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND
RADIOLOGICAL SCIENCES
Post-CHF Heat Transfer Experiments and Modeling at Subcooled and Low-quality Conditions

Lixi Liu

FIELD OF SPECIALIZATION:
MECHANICAL ENGINEERING AND NATURAL
RESOURCES AND ENVIRONMENT
Improving Building Sustainability: Lighting Life Cycle Optimization and Management, and HVAC Demand Response

Rômulo Meira Góes

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING
Resilience Against Sensor Deception Attacks at the Supervisory Control Layer of Cyber-Physical Systems: A Discrete Event Systems Approach

Kazuya Murakami

FIELD OF SPECIALIZATION:
MECHANICAL ENGINEERING AND
SCIENTIFIC COMPUTING
Spherical and Non-spherical Bubble Dynamics in Soft Matter

Katy C. Norman

FIELD OF SPECIALIZATION:
BIOMEDICAL ENGINEERING
A Computational Systems Approach to Elucidate New Mechanisms Involved in Progressive Lung Disease

Doctor of Philosophy

Aileen Ouyang

FIELD OF SPECIALIZATION:
BIOMEDICAL ENGINEERING

Closing the Loop: Exploring the Use of Sacral Dorsal Root Ganglia Signals for Adaptive Neuromodulation of Bladder Function

Yongbum Park

FIELD OF SPECIALIZATION:
ELECTRICAL ENGINEERING

Controlling Growth of Metals and Semiconductors for Optoelectronic and Photonic Device Application

Chenhui Qu

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING

Computational Investigations of Fundamental Plasma Processes in Semiconductor Industrial Applications

Yeimy Johanna Rivera

FIELD OF SPECIALIZATION:
CLIMATE AND SPACE SCIENCES AND ENGINEERING

Investigating Nonequilibrium Ionization and Recombination Processes in Solar Wind and Transient Plasma

Gerrit Lee VanCoeveering

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES

Prediction of Bubble and Cavity Nucleation in High Damage Rate Irradiation of Simulated Fe-Cr Alloys Using a Hybrid Cluster Dynamics Model

Michael Joseph Wang

FIELD OF SPECIALIZATION:
MATERIALS SCIENCE AND ENGINEERING

Coupled Electrochemo-Mechanical Phenomena at the Anode/Electrolyte Interface in Solid-State Batteries

David Alexander Woodley

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES

The Role of Helium on Cavity Growth and Swelling at High Damage Levels in Ferritic-Martensitic Steels

Mengqi Yao

FIELD OF SPECIALIZATION:
ELECTRICAL AND COMPUTER ENGINEERING

Using Distributed Energy Resources to Improve Power System Stability and Voltage Unbalance

Chenyu Yi

FIELD OF SPECIALIZATION:
MECHANICAL ENGINEERING

A New Powertrain Architecture: From Electromagnetic-Structural Dynamics to Platooning

Li-Jen Yu

FIELD OF SPECIALIZATION:
MATERIALS SCIENCE AND ENGINEERING

Microstructural Evolution in Commercial Ni-based Alloys under Irradiation

Sheng Zhang

FIELD OF SPECIALIZATION:
NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES

Study of a Passive Decay Heat Removal System and Tritium Mitigation for Fluoride-salt-cooled High-temperature Reactors

Ziwen Zhu

FIELD OF SPECIALIZATION:
BIOMEDICAL ENGINEERING

Targeting Branched Chain Amino Acid Metabolism in Tumor Microenvironment

Milad Zolfagharloo Koohi

FIELD OF SPECIALIZATION:
ELECTRICAL ENGINEERING

Reconfigurable Bulk Acoustic Wave Resonators and Filters Employing Electric-field-induced Piezoelectricity and Negative Piezoelectricity for 5G

College Administration

Officers of the College

Alec D. Gallimore

*Robert J. Vlasic Dean of Engineering;
Richard F. and Eleanor A. Towner Professor of Engineering; Arthur F. Thurnau Professor;
Professor, Aerospace Engineering*

Steven L. Ceccio

*Associate Dean for Academic Affairs;
Vincent T. and Gloria M. Gorguze
Professor of Engineering;
Professor, Mechanical Engineering;
Professor, Naval Architecture and
Marine Engineering*

Mary-Ann Mycek

*Associate Dean for
Graduate & Professional Education;
Professor, Biomedical Engineering*

Joanna M. Millunchick

*Associate Dean for
Undergraduate Education;
Arthur F. Thurnau Professor;
Professor, Materials Science and Engineering*

Eric Michielssen

*Associate Dean for Research;
Louise Ganiard Johnson Professor of Engineering;
Professor, EECS - Electrical and Computer
Engineering Division*

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Alec D. Gallimore (ex officio)
*Robert J. Vlasic Dean of Engineering;
Richard F. and Eleanor A. Towner
Professor of Engineering; Arthur F.
Thurnau Professor;
Professor, Aerospace Engineering*

Steven L. Ceccio
*Associate Dean for Academic Affairs;
Vincent T. and Gloria M. Gorguze
Professor of Engineering;
Professor, Mechanical Engineering;
Professor, Naval Architecture and
Marine Engineering*

Amy E. M. Cohn
*Arthur F. Thurnau Professor;
Professor, Industrial and Operations
Engineering; Associate Director,
Center for Healthcare Engineering
and Patient Safety (CHEPS)*

Lola Eniola-Adefeso
*University Diversity and Social
Transformation Professor;
Vice Chair for Graduate Studies and
Professor, Chemical Engineering;
Professor, Biomedical Engineering;
Professor, Macromolecular Science
and Engineering*

John Foster
*Professor, Nuclear Engineering and
Radiological Sciences;
Professor, Aerospace Engineering*

Katsuo Kurabayashi
*Professor, Mechanical Engineering;
Professor, EECS - Electrical and
Computer Engineering Division*

Theodore Norris

*Gerard A. Mourou Collegiate
Professor of Electrical Engineering
and Computer Science; Professor,
EECS - Electrical and Computer
Engineering Division*

Nilton Renno

*Professor, Climate and Space
Sciences and Engineering; Professor,
Aerospace Engineering*

Department Chairs

Aerospace Engineering

Anthony Waas
*Richard A. Auhl Department Chair
of Aerospace Engineering; Felix W.
Pawlawski Collegiate Professor of
Aerospace Engineering; Professor,
Mechanical Engineering; Professor,
Aerospace Engineering*

Biomedical Engineering

Lonnie D. Shea
*William and Valerie Hall Department
Chair of Biomedical Engineering;
Steven A. Goldstein Collegiate
Professor of Biomedical Engineering;
Professor, Chemical Engineering;
Professor, Biomedical Engineering*

Chemical Engineering

Sharon C. Glotzer
*Anthony C. Lembke Department
Chair of Chemical Engineering;
John Werner Cahn Distinguished
University Professor of Engineering;
Stuart W. Churchill Collegiate
Professor of Chemical Engineering;
Professor, Materials Science
and Engineering; Professor,
Chemical Engineering; Professor,
Macromolecular Science and
Engineering; Academic Program
Director, Institute for Digital Matter,
Chemical Engineering*

Civil and Environmental Engineering

Jerome P. Lynch
*Donald Malloure Department Chair of
Civil and Environmental Engineering;
Professor, EECS - Electrical and
Computer Engineering Division;
Professor, Civil and Environmental
Engineering*

Climate and Space Sciences and Engineering

Tuija Pulkkinen
*Chair and Professor, Climate and
Space Sciences and Engineering*

EECS - Computer Science and Engineering Division

Michael P. Wellman
*Richard H. Orenstein Division
Chair of Computer Science and
Engineering; Lynn A. Conway
Collegiate Professor of Computer
Science and Engineering; Professor,
EECS - Computer Science and
Engineering Division*



College Administration

EECS - Electrical and Computer Engineering Division

Mingyan Liu

Peter and Evelyn Fuss Chair of Electrical and Computer Engineering; Professor, EECS - Electrical and Computer Engineering Division

Industrial and Operations Engineering

Brian Denton

Stephen M. Pollock Collegiate Professor of Industrial and Operations Engineering; Chair and Professor, Industrial and Operations Engineering;

Integrative Systems + Design

Diann E. Brei

Chair, Division of Integrative Systems and Design; Professor, Mechanical Engineering

Materials Science and Engineering

Amit Misra

Chair and Edward DeMille Campbell Collegiate Professor of Materials Science and Engineering; Professor, Mechanical Engineering; Professor, Materials Science and Engineering

Mechanical Engineering

Ellen M. Arruda

Tim Manganello/Borg Warner Department Chair of Mechanical Engineering; Maria Comninou Collegiate Professor of Mechanical Engineering; Professor, Biomedical Engineering; Professor of Mechanical Engineering; Professor of Macromolecular Science and Engineering

Naval Architecture and Marine Engineering

Jing Sun

Chair and Michael G. Parsons Collegiate Professor of Naval Architecture and Marine Engineering; Professor, Naval Architecture and Marine Engineering; Professor, EECS – Electrical and Computer Engineering Division; Professor, Mechanical Engineering

Nuclear Engineering and Radiological Sciences

Todd R. Allen

Glenn F. and Gladys H. Knoll Department Chair of Nuclear Engineering and Radiological Sciences; Professor, Nuclear Engineering and Radiological Sciences

University of Michigan Transportation Research Institute (UMTRI)

James R. Sayer

Director and Research Scientist, University of Michigan Transportation Research Institute; Adjunct Professor, Civil and Environmental Engineering

Department

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Associate Chair, Undergraduate Education

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Senior Associate Chair

Jan Stegemann

Associate Chair, Master's Program

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Chemical Engineering

Suljo Linic

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Associate Chair, Graduate Education

Fei Wen

Associate Chair, Undergraduate Education

Climate and Space Sciences and Engineering

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Allison Steiner, sabbatical
Associate Chair, Graduate Studies

Chris Ruf

Associate Chair, Research and Operations; Frederick Bartman Collegiate Professor of Climate and Space Sciences

Aaron Ridley

Associate Chair, Education

Civil and Environmental Engineering

SangHyun Lee

Associate Chair, Research

Terese Olson

Associate Chair, Undergraduate Programs

Yafeng Yin

Associate Chair, Graduation Programs

EECS - Computer Science and Engineering Division

Atul Prakash

Associate Chair, Internal Affairs

EECS - Electrical and Computer Engineering Division

Heath Hofmann

Associate Chair, Graduate Affairs

Pei-Cheng Ku

Associate Chair, Undergraduate Affairs

Dennis Sylvester

Senior Associate Chair; Edward S Davidson Collegiate Professor of Electric and Computer Engineering

Integrative Systems + Design

Chinedum Okwudire

Associate Chair

Industrial and Operations Engineering

Marina Epelman

Associate Chair, Graduate Studies

Yili Liu

Interim Associate Chair, Undergraduate Studies; Arthur F Thurnau Professor

Mechanical Engineering

Kenn Oldham

Associate Chair, Undergraduate Education

Pramod Sangi Reddy

Associate Chair, Research

Donald Siegel

Associate Chair, Graduate Education

Michael Thouless

Associate Chair, Facilities and Planning; Arthur F Thurnau Professor; Janine Johnson Weins Professor of Engineering

Department

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Ilya Vladimir Kolmanovskiy

Applied Physics

Cagliyan Kurdak

Biomedical Engineering

Timothy Bruns

Chemical Engineering

Lola Eniola-Adefeso

University Diversity and Social Transformation Professor

Civil and Environmental Engineering

Yafeng Yin

Climate and Space Sciences and Engineering

Jeremy Bassis

EECS - Computer Science and Engineering Division

Emily Mower Provost



College Administration

Department Graduate Chairs

EECS - Electrical and Computer
Engineering Division
Heath Hofmann

Engineering Education Research
Cindy Finelli

Industrial and Operations
Engineering
Marina Epelman

Integrative Systems + Design
Chinedum Okwudire

Macromolecular Science
and Engineering
Jinsang Kim

Materials Science and
Engineering
Emmanouil Kioupakis

Mechanical Engineering
Donald Siegel

Naval Architecture
and Marine Engineering
Nickolas Vlahopoulos

Nuclear Engineering
and Radiological Sciences
Igor Jovanovic

Robotics
Robert Gregg

Scientific Computing
Kenneth Powell
Arthur F. Thurnau Professor

Department Undergraduate Advisors

Aerospace Engineering
Kenneth Powell
Arthur F. Thurnau Professor

Biomedical Engineering
Rachael Schmedlen

Chemical Engineering
Fei Wen

Civil Engineering
Roman Hryciw

Climate and Space Sciences
and Engineering
Aaron Ridley

Computer Science - LSA
Bill Arthur

Data Science - Engineering
John Kloosterman

EECS - Computer Science and
Engineering Division
Mark Brehob
Kurt Metzger Collegiate Lecturer

Jeff Ringenberg

EECS - Electrical and Computer
Engineering Division
Almantas Galvanauskas

Engineering Physics
Michael Atzman

Environmental Engineering
Avery Demond

Industrial and Operations
Engineering
Mariel Lavieri

Materials Science and
Engineering
Steve Yalisove

Mechanical Engineering
Kenn Oldham

Naval Architecture
and Marine Engineering
David Singer

Nuclear Engineering
and Radiological Sciences
Xiaodong Sun

Program Directors

Applied Physics
Cagliyan Kurdak

Integrative Systems + Design
Diann Brei
*Chair, Division of Integrative
Systems and Design; Professor,
Mechanical Engineering*

Automotive Engineering
Art Hyde

Design Science
Nigel Melville
Matthew Reed

*Don B. Chaffin Collegiate Research
Professor*

Energy Systems Engineering
Suljo Linic
*Martin Lewis Perl Collegiate
Professor of Chemical Engineering*

*Global Automotive and
Manufacturing Engineering*
Pingsha Dong

Manufacturing Engineering
Judy Jin

Systems Engineering + Design
Robert Bordley



Graduation Traditions

The National Anthem, "The Star-Spangled Banner"

O say can you see, by the dawn's early light,
What so proudly we hailed at the twilight's last gleaming?
Whose broad stripes and bright stars through the perilous fight
O'er the ramparts we watched, were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air
Gave proof through the night that our flag was still there.
O say does that Star-Spangled Banner yet wave
O'er the land of the free and the home of the brave?

"The Yellow and Blue"

Sing to the colors that float in the light;
Hurrah for the Yellow and Blue!
Yellow the stars as they ride through the night
And reel in a rollicking crew;
Yellow the field where ripens the grain
And yellow the moon on the harvest wain;
Hail!
Hail to the colors that float in the light
Hurrah for the Yellow and Blue!

"The Victors"

Hail! to the victors valiant,
Hail! to the conqu'ring heroes,
Hail! Hail! to Michigan,
the leaders and best.

Hail! to the victors valiant,
Hail! to the conqu'ring heroes,
Hail! Hail! to Michigan,
the champions of the West.

Graduate Name Disclaimer

Every attempt was made to ensure the accuracy of the names listed in the Graduation Program. Information used to compile the lists of graduate names comes from three official sources:

- College of Engineering, Graduate Programs
- Registrar's Office; College of Engineering, Office of Student Affairs
- Academic Records, Rackham Graduate School Administration

If there is an error in the program, or if a name was misspelled or omitted, please contact engineeringevents@umich.edu

Graduate Honors and Grade Point Disclaimer

As official honors cannot be calculated until final grades are submitted, distinctions in this electronic program, with the exception of December graduates, are considered unofficial. These unofficial distinctions are determined using the undergraduate student's grade point average from the previous fall term. For official honors, please reference the graduate's diploma and/or transcript.



College of Engineering

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We reaffirm these policies in order to most fully protect the rights of free expression for speakers, performers, and protesters alike, as set forth by our Civil Liberties Board in our Student Handbook, and in accordance with the U-M Standard Practice Guide; Regents' Ordinance Article XII, Section 1; and state statutes.

Regents of the University of Michigan:

Jordan B. Acker, Huntington Woods; Michael J. Behm, Grand Blanc;

Mark J. Bernstein, Ann Arbor; Paul W. Brown, Ann Arbor;

Sarah Hubbard, Okemos; Denise Ilitch, Bingham Farms;

Ron Weiser, Ann Arbor; Katherine E. White, Ann Arbor;

Mark S. Schlissel (*ex officio*)