

20

MAY 1, 2026

26

CRISLER CENTER



RACKHAM
GRADUATE
EXERCISES



Honoring the
Class of 2026

RACKHAM GRADUATE EXERCISES

UNIVERSITY OF MICHIGAN

MAY 1, 2026

Candidates for graduate degrees are recommended jointly by the Executive Board of the Horace H. Rackham School of Graduate Studies and the school faculty or college awarding the degree. Following the School of Graduate Studies, schools are listed in order of their founding. Candidates within those schools are listed by degree and then by specialization, if applicable.

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A preliminary list of August 2026 degree candidates begins on page 49.

This program presents as complete and accurate a record of candidates for degrees as possible as of the publication date.

ORDER OF EXERCISES

Graduate Procession	Pomp and Circumstance <i>Composed by Edward Elgar</i> University of Michigan Commencement Brass Ensemble John Mange <i>Doctoral Candidate for Musical Arts in Conducting</i> <i>School of Music, Theatre & Dance</i>
*Processional	Trumpet Tune <i>Composed by John Stanley</i> University of Michigan Commencement Brass Ensemble
*The National Anthem	The Star Spangled Banner Diayao Zhong <i>Doctoral Candidate of Musical Arts in Performance,</i> <i>School of Music, Theatre & Dance</i>
Welcome	Laurie K. McCauley <i>Provost and Executive Vice President for Academic Affairs</i>
Student Speaker	Onyinye Nwankwo <i>Doctor of Philosophy in Climate and Space Sciences and Engineering,</i> <i>College of Engineering</i>
Conferring of the Doctoral Degrees	Domenico Grasso Michael J. Solomon
Conferring of the Masters Degrees	Domenico Grasso Michael J. Solomon
Statement to the Class of 2026	Domenico Grasso <i>President</i>
Commencement Address	Ingeborg Hochmair <i>CEO and CTO, MED-EL Medical Electronics GmbH</i>
Musical Selections	Canzona Bergamasca <i>Composed by Samuel Scheidt</i> University of Michigan Commencement Brass Ensemble
Student Speaker	Lorena Rivera Rincón <i>Master of Arts in Educational Studies, Marsal Family School of Education</i>

**Remarks on Behalf of the
Horace H. Rackham School
of Graduate Studies**

Michael J. Solomon
*Dean, Horace H. Rackham School of Graduate Studies
and Vice Provost for Academic Affairs–Graduate Studies*

**Presentation & Hooding
of Doctoral Candidates**

Domenico Grasso
Michael J. Solomon

**Candidates for Masters
Degrees & Certificates**

Domenico Grasso
Michael J. Solomon

Congratulations

Thomas W. Hawkins
Board of Directors, Alumni Association of the University of Michigan

Closing

Derek Peterson
Chair, Senate Advisory Committee on University Affairs

***The Alma Mater**

The Yellow and Blue
Composed by Michael W. Balfe
University of Michigan Commencement Brass Ensemble
(see lyrics on back cover)

***Recessional**

Rondeau
Composed by John Joseph Mouret
University of Michigan Commencement Brass Ensemble

Those who are able are asked to stand for the portions of the program asterisked (). At the conclusion of the program, the audience will please remain standing until the stage party has left the auditorium.

In consideration of the graduates and other guests in attendance, we kindly request that you mute your cellular telephones and take restless children to the concourse. For your convenience, live audio is provided in the concourse so you may continue to enjoy the ceremony.

REGENTS OF THE UNIVERSITY

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	Birmingham
Carl J. Meyers	Dearborn
Katherine E. White	Ann Arbor
Domenico Grasso	<i>ex officio</i>

EXECUTIVE OFFICERS

Domenico Grasso	<i>President</i>
Laurie K. McCauley	<i>Provost and Executive Vice President for Academic Affairs</i>
Thomas A. Baird	<i>Vice President for Development</i>
Martino Harmon	<i>Vice President for Student Life</i>
Robert Hewlett III	<i>Interim Executive Vice President and Chief Financial Officer</i>
Kenneth Kettenbeil	<i>Interim Vice President for Communications</i>
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Laurence B. Alexander	<i>Chancellor, University of Michigan-Flint</i>
Gabriella Scarlatta	<i>Interim Chancellor, University of Michigan- Dearborn</i>

DEANS AND REPRESENTATIVES

Beth Angell	<i>Dean, School of Social Work</i>
Lisa R. Carter	<i>University Librarian and Dean of University Libraries</i>
Rosario Ceballo	<i>Dean, College of Literature, Science, and the Arts</i>
Vicki Ellingrod	<i>Dean, College of Pharmacy (Represented by: Karen Farris, Senior Associate Dean, College of Pharmacy)</i>
Andrea Forte	<i>Dean, School of Information</i>
David A. Gier	<i>Dean, School of Music, Theatre & Dance</i>
Patricia D. Hurn	<i>Dean, School of Nursing (Represented by: Geoffrey Hoffman, Associate Professor of Nursing, School of Nursing)</i>
Carlos Francisco Jackson	<i>Dean, Penny W. Stamps School of Art & Design</i>
Lynda Lisabeth	<i>Interim Dean, School of Public Health</i>
Jonathan Massey	<i>Dean, A. Alfred Taubman College of Architecture and Urban Planning</i>
Sharon F. Matusik	<i>Edward J. Frey Dean of Business, Stephen M. Ross School of Business (Represented by: Roman Kapuscinski, Senior Associate Dean for Faculty and Research, Stephen M. Ross School of Business)</i>
Elizabeth Birr Moje	<i>Dean, Marsal Family School of Education</i>
Jacques E. Nör	<i>Dean, School of Dentistry (Represented by: Vesa Kaartinen, Associate Dean for Research, School of Dentistry)</i>
Jonathan T. Overpeck	<i>Samuel A. Graham Dean, School for Environment and Sustainability (Represented by: Ines Ibanez, Associate Dean for Academic Affairs, School for Environment and Sustainability)</i>
Lori Ploutz-Snyder	<i>Dean, School of Kinesiology</i>
Michael J. Solomon	<i>Dean, Horace H. Rackham School of Graduate Studies and Vice Provost for Academic Affairs—Graduate Studies</i>
Neel U. Sukhatme	<i>David A. Breach Dean of Law, Law School</i>
Karen A. Thole	<i>Robert J. Vlasic Dean of Engineering, College of Engineering (Represented by: Krista Wigginton, Associate Dean for Graduate and Professional Education, College of Engineering)</i>
Thomas J. Wang	<i>Dean, Medical School (Represented by: Zaneta Nikolovska-Coleska, Associate Dean for Graduate and Post-doctoral Studies, Medical School)</i>
Celeste Watkins-Hayes	<i>Joan and Sanford Weill Dean of Public Policy, Gerald R. Ford School of Public Policy</i>

STUDENT SPEAKERS

Onyinye Nwankwo

Doctor of Philosophy in Climate and Space Sciences and Engineering, College of Engineering



Onyinye Gift Nwankwo is receiving her PhD in Climate and Space Sciences and Engineering today. Previously, she earned an MS in climate and space sciences and engineering at U-M (2023), as well as an MSc in Space Geophysics (2021) from the National Institute for Space Research (INPE) in Brazil, and a BSc in Physics and Industrial Physics from Nnamdi Azikiwe University in Nigeria. She has been a recipient of the Leinweber Space Fellowship (2025); the Richard F. And Eleanor A. Towner Prize for Distinguished Academic Achievement Award (2024); Space and Satellite Professionals International's 2023 cohort of "20 under 35" and a Promise Award; and a Vela Fellowship from Los Alamos National Laboratory. After graduation, Nwankwo will continue her research in space weather and upper atmosphere dynamics at U-M as a postdoctoral research fellow in the climate and space sciences and engineering department.

Lorena Rivera Rincón

Master of Arts in Educational Studies, Marsal Family School of Education



Lorena Rivera Rincón is receiving her Master of Arts in Educational Studies from the Marsal Family School of Education, and she previously earned bachelor's degrees in both Early Childhood and Design at Universidad de Los Andes in Bogotá. During her time at U-M, she worked as a graduate student instructor, as well as a learning experience designer fellow at the Center of Academic Innovation, creating digital learning activities for Michigan Online courses. Before, in her home country of Colombia, Rivera Rincón worked as a positioning, scouting, and retention manager at Universidad de Los Andes' School of Education, and she co-founded and led a nonprofit organization, called Colombiando, aimed at advancing educational equity through STEM and literacy programs developed collaboratively with under-served rural communities. After graduation, Rivera Rincón aims to work in museum (or, more broadly, informal) education before returning to Colombia to contribute to improving and innovating education there.

COMMENCEMENT SPEAKER

Ingeborg Hochmair

CEO and CTO, MED-EL Medical Electronics GmbH



Ingeborg Hochmair is an electrical engineer and medical-device manufacturing executive who led the creation of an auditory neuroprosthesis — the cochlear implant, which, for the first time in human history, enabled the deaf to hear. In developing and advancing this tool for one of the five senses, she has made connection and communication possible, expanding opportunities for countless individuals with hearing loss.

Dr. Hochmair, a native of Austria, knew at age 13 that she wanted to be a biomedical engineer. In 1975, she was attending the Technical University of Vienna and was poised to become the first woman in Austria to earn a PhD in electrical engineering when she was invited by her friend (and future husband), Erwin Hochmair, and a surgeon colleague, Kurt Burian, to participate in a project focused on developing a cochlear implant that would become the foundation for her dissertation. Two years later, the first multi-channel device they developed was successfully implanted. Her dissertation began what she describes as an “urgent,” lifelong quest to expand access to sound and communication for those with severe hearing loss. In 1979, after completing her PhD, a Fulbright Fellowship took her to Stanford University’s Institute for Electronics in Medicine. She returned to the University of

Innsbruck’s Institute of Applied Physics Electronics in 1986, where she resumed and expanded her research on multichannel cochlear implants, helping advance the technology from experimental development toward clinical application. In 1989, the couple left the university to found MED-EL, a global medical technology company aiming to continue improving hearing devices and create new possibilities for connection and communication. MED-EL now operates in 175 countries and offers solutions for every type of hearing loss. According to the World Health Organization, an estimated 430 million people around the world, including 34 million children, live with disabling hearing loss. Today, because of the pioneering work done by Dr. Hochmair, profoundly and severely deaf children, even those under a year old, have increased access to cochlear implant technology, expanding their options for communication, learning, and participation across a range of educational settings. Dr. Hochmair holds 40 patents and has received numerous honors, awards, and prizes, including the Lasker-DeBakey Clinical Medical Research Award (2013) and the Russ Prize for Bioengineering (2015), both of which recognize the impact she has made on society to improve the human condition.

DISSERTATION CHAIRS

Doctoral dissertation research is conducted in consultation with a committee of faculty members selected by the candidate. The dissertation chair leads the committee and works closely with the student to guide the research. This collaboration is a fundamental relationship in the formation of scholars.

Fred C. Adams	Antoinette Bartolotta Coe	Rachel S. Goldman
Peter Adriaens	Kevin O'Neal Cokley	Theodore G. Goodson III
Sean E. Ahlquist	Julia Cole	Aubree Gordon
Christine A. Aidala	Matthew Collette	Jerard V. Gordon
Benjamin Allen	Gabriel Corfas	Stephen Goutman
Barbara A. Anderson	Adam Heath Courtney	Judith Grant Long
Riana Anderson	Steven Thomas Cundiff	Christiane J. Gruber
Ian Antonio	Jeffrey L. Curtis	Oliver Lee Haimson
Toni C. Antonucci	Nisha J. D'Silva	J. Alex Halderman
Elizabeth A. Armstrong	Glen T. Daigger	Timothy Lewis Hall
Kelly Arnold	Reetuparna Das	Saher Sue Hammoud
Ella Marie Atkins	Aileen Renee Das	Michele A. Hannoosh
Sara Jo Aton	Charles Harold Fredrick Davis III	Rebecca D. Hardin
Shorya Awtar	Deirdre de la Cruz	Ping He
Kathryn Babayan	Karl C. Desch	Daniel Chilcote Herbert
Peter Riley Bahr	Analisa DiFeo	Leslie Rupert Herrenkohl
Brendon Baker	Robert Dickson	Heath Hofmann
Rohini Bala Chandran	Dana Dolinoy	Robert Holder
Ryan Baldridge	Pingsha Dong	Jordan Michael Horowitz
Deborah Loewenberg Ball	Ronald Dreslinski, Jr.	Tung-Hui Hu
Laura Balzano	Ibrahim Ekren	Wei Hu
James R. Barber	Brian Ellis	Xun Huan
Sami J. Barmada	John S. Ellis	Ryan Huang
Bart Bartlett	Henriette Dina-Maria Elvang	Zirui Huang
Michael Bastedo	Lola Eniola-Adefeso	Anthony George Hudetz
Jacinta Catherine Beehner	Bogdan Epureanu	Gary B. Huffnagle
Michelle Jannette Bellino	Barbara Jane Ericson	Dragan Huterer
Dmitry Berenson	Jon Estrada	Shigeki Iwase
Thore Jon Bergman	Karen Bell Farris	Erica Christine Jansen
Giorgio Bertellini	Nima Fazeli	Karin Jeanne Jensen
Will Birdsong	Jeffrey A. Fessler	Eric Johnsen
David Blaauw	Jason K. Fetting	David Kelly Jones
Carol J. Boyd	Krzysztof J. Fidkowski	Nicholas Jordan
Alan P. Boyle	Kevin Geoffrey Field	Emily M. Jutkiewicz
Joel N. Bregman	Barry Fishman	Vineet Kamat
Robin Brewer	Michael Flynn	Roman Kapuscinski
Steven P. Broglio	Sergey Fomin	Charlotte Karem Albrecht
Charles L. Brooks III	Stephen Forrest	Carrie Anne Karvonen-Gutierrez
Ashlee Dawn Brunaugh	David Ford Fouhey	Baris Kasicki
Tim Bruns	David Fouhey	Nicole Antoinette Keller
Christine E. Canman	Christine Freeman-Basmajian	Robert T. Kennedy
Jesse Alden Capecelatro	Peretz Friedmann	Roland D. Kersten
Vernon Bruce Carruthers	Stephanie Fryberg	Rami Khoriaty
Marilia I. Cascalho	Katherine A. Gallagher	Jeffrey Kidd
Maria Castro	Almantas Galvanauskas	Megan L. Killian
Steven L. Ceccio	Mirko Gamba	Hun Seok Kim
Timothy Andrew Cernak	Harish Ganesh	Jaeun Kim
Carlos E. S. Cesnik	Fei Gao	Jinsang Kim
Jiasi Chen	Lana Garmire	Emmanouil Kioupakis
Yuqing Eugene Chen	Daniel Genkin	Mackillo Kira
Zhan Chen	Eitan Geva	Shinobu Kitayama
Cynthia Anne Chestek	Maisie Lee Gholson	Pedja Klasnja
Clifford Suhyun Cho	Noel Christopher Giebink	Jason Knight
Marcin Piotr Cieslik	Roman Giger	Joy Knoblauch
Hakki Erdem Cipa	Ronald M. Gilgenbach	Lindsay Kobayashi
Philippa J. Clarke	Brent Gillespie	Danai Koutra
E. Josie Clowney	Sharon C. Glotzer	Amanda Kowalski

DISSERTATION CHAIRS

Robert Krasny	Mark W. Newman	Chengchun Shi
Benjamin Kuipers	Jun Ni	Cong Shi
Cagliyan Kurdak	David Alexander Nordsletten	Ariella Shikanov
Joerg Lahann	Gabriel Nunez	Max Shtein
Richard M. Laine	Asma Nusrat	Ginger Shultz
Joseph S. C. Lam	Chinedum Okwudire	Clayton John Shuman
Thomas Fun Yau Lam	Yesim Orhun	Donald Jason Siegel
Zachary Landis-Lewis	Yoichi Osawa	Vanessa Sih
Gergely Lautner	Andrew Owens	John M. Silberholz
Honglak Lee	Samet Oymak	Lyle A. Simmons
Jun Hee Lee	Necmiye Ozay	Adam Charles Simon
Kyoung Eun Lee	Amit Pai	David Jacob Singer
Nicolai Lehnert	Jack M. Parent	Karandeep Singh
Alaina Lemon	Jeong Joon Park	Logan Skelton
Judith Leopold	Steve Parker	Katie Skinner
Jun Li	Charles Parkos	Karen E. Smith
Lu Li	Susan Scott Parrish	Alan Smrcka
Yi Li	Marina Pasca Di Magliano	Evan Sean Snitkin
Andrew P. Lieberman	Richard Joseph Paulsen	Kendrin Sonnevile
Mike Liemohn	Henry L. Paulson	Corey Speers
Silvia Lindtner	Ivette Perfecto	Anna G. Stefanopoulou
Allen Liu	Douglas Perkins	Abby Stewart
Mingyan Liu	Sierra Victoria Petersen	Leia Stirling
Pedro Lowenstein	Becky Lorenz Peterson	Randy Stockbridge
Andrew Todd Ludlow	Karen Eileen Peterson	Martin J. Strauss
Jasmine Luzum	Gretchen A. Piatt	Jing Sun
Costas Andreas Lyssiotis	Aaron Pierce	Yuekai Sun
Bruce Mannheim	Michael Bedrosian Pifer	Michael Mark Alexander Sutton
Z. Morley Mao	Chris Poulsen	Laurie Kathleen Svoboda
Andrew John Marshall	Sara A. Pozzi	Megan L. Sweeney
Joaquim R. R. A. Martins	Atul Prakash	Nishil Rakeshkumar Talati
Johanna Mathieu	Lev Prasov	Wenda Tan
Adam J. Matzger	Melynda Price	Alan Taub
Anne McNeil	Yopie Prins	Nicola Terrenato
Geeta Mehta	Andrew Putnam	Ambuj Tewari
Carol C. Menassa	Qing Qu	Elizabeth Alison Tibbetts
Victor Roman Mendoza	Christopher Lee Quintana	Louise Toppin
Zetian Mi	Dan Rabosky	Aaron S. Towne
Radoslaw L. Michalowski	Kaushik Ragonathan	Kentaro Toyama
Rada Mihalcea	Venkat Raman	Valerie Traub
Gregory Smith Miller	Aaron James Ridley	Natalie Tronson
Alison Mondul	Yaacov Ritov	Matthias Christof Truttmann
John D. Monnier	Scott Roberts	Indira Turney
James J. Moon	Awilda Rodriguez	Michael D. Uhler
Bethany B. Moore	Daniel M. Romero	Parth Vaishnav
John V. Moran	Brandon Thomas Ruotolo	Anthony Vecchiarelli
Jonathan David Morrow	Kazuhiro Saitou	Tiffany Veinot
Amir Mortazawi	Alanson Sample	Sriram Venneti
Cheryl A. Moyer	Melanie S. Sanford	Nils G. Walter
Benjamin Joseph Murdock	Thomas M. Schmidt	Lu Wang
Pavel Nagorny	Steven P. Schwendeman	Lumin Wang
Sunitha Nagrath	Peter J. Scott	Wenjing Wang
Khalil Najafi	Peter Joseph Seiler	Zhong Wang
Kayvan Najarian	Young Ah Seo	Lucretia M. Ward
Jayakrishnan Nandakumar	Yatrik M. Shah	Felix Warneken
Goutham Narla	Muhammad Shahbaz	Brendon Omar Watson
Enrique Neblett	Chenhui Shao	Christina Jo Weiland
Rick Neitzel	Lonnie Shea	Daniel Howard Weissman
Alexey Nesvizhskii	Liyue Shen	Joshua Welch

DISSERTATION CHAIRS

David Wentzloff
Brady Thomas West
John A. Whittier-Ferguson
Jenna Wiens
Chris Williams
Louise Willingale
Zhenke Wu
Jie Xu
Zhen Xu
X. Jessie Yang
Lei Ying
Stella Yu
Jon Zelner
David Zerkel
Zhengya Zhang
Chuan Zhou
Haojie Zhu
Ji Zhu
Claire A. Zimmerman
Lei Zuo

MARSHALS OF THE UNIVERSITY

John D. Pasquale

Donald R. Shepherd Clinical Professor
of Conducting
Director of Michigan Marching and
Athletic Bands
Associate Director of Bands
Faculty Associate, African Studies
Center
LSA International Institute
Chief Marshal

Valeria Bertacco

Arthur F. Thurnau Professor
Mary Lou Dorf Collegiate Professor of
Computer Science and Engineering
Vice Provost for Engaged Learning
Office of the Provost
Professor, Electrical Engineering and
Computer Science
College of Engineering
Assistant Chief Marshal

Stephen West

Professor of Music
School of Music, Theatre & Dance
Assistant Chief Marshal

ACADEMIC DRESS AND CUSTOM

The colorful gowns and hoods worn by faculty members at commencement and other academic ceremonies represent the degrees, disciplines, and alma maters of the wearers. The American academic costume tradition, imported from England, dates to Colonial days.

Gowns

Bachelor's or master's degree gowns traditionally are black, as are many doctoral gowns in the United States. Some universities prescribe that their graduates wear gowns of another solid color such as blue, crimson, or green. Gowns differ in sleeve cut and trim. For example, the bachelor's gown has long, pointed sleeves while the master's gown has oblong sleeves. Doctoral gowns, with their distinctive bell-shaped sleeves, feature velvet panels down the front and around the neck, as well as crossbars of velvet on the sleeves. Colored trim denotes the field or discipline in which the degree was earned. Usually only a single degree from one institution is indicated by a garment. If more than one degree is held, the gown and hood of the higher or highest degree usually are worn.

Hoods

The hood most precisely describes the wearer's level of degree earned, the major field of learning, and the alma mater. The level of the degree held is indicated by the hood's shape and size and the width of its velvet or velveteen trimming. The bachelor's, master's, and doctor's hoods are 36 inches, 42 inches, and 48 inches long, respectively. The velvet trim is two, three, and five inches wide, with the narrowest being for the bachelor's hood and the widest for the doctor's hood. The color of trim on the hood, as on the gown, identifies the major field of learning in which the degree was awarded. The hood is lined with the official colors of the college or university conferring the degree.

Caps

Caps vary in style from the traditional black mortarboard to eight-, six-, and four-corner tams, and Elizabethan-style caps. The mortarboard may be of any appropriate material, such as cotton, poplin, rayon, or silk, to match the gown. Velvet is reserved for holders of doctorates.

UNIVERSITY FLAGS

The flags behind the platform are arranged in the order in which the schools and colleges they represent were founded. As the audience faces the flags, the arrangement from left to right is the following:

College of Literature, Science, and the Arts
Medical School
Law School
School of Dentistry
College of Pharmacy
Horace H. Rackham School of Graduate Studies
Gerald R. Ford School of Public Policy
College of Engineering
Marsal Family School of Education
Stephen M. Ross School of Business
President's flag
University flag
Regents' flag
School for Environment and Sustainability
School of Music, Theatre & Dance
A. Alfred Taubman College of Architecture and Urban Planning
School of Nursing
School of Public Health
School of Social Work
University of Michigan-Flint
University of Michigan-Dearborn
School of Information
Penny W. Stamps School of Art & Design
School of Kinesiology

FLAG BEARERS

Xingyu Liu
Horace H. Rackham School of Graduate Studies Flag

Sriranjani Seshadri
University Flag

THE UNIVERSITY MACE

The University's mace is a symbol of academic scholarship, integrity, and authority. It is carried by the chair of the University Senate at the head of academic processions on such important ceremonial occasions as commencements, convocations, and inaugurations, representing the connection of all faculty members to important academic rituals. The mace being used today was given to the University in 1968 by the Senior Board, representing all the undergraduate schools and colleges. Crafted of red oak and trimmed with silver, the mace features the seals of the University and of the State of Michigan. Also engraved on the mace are the names of the University Presidents.

THE UNIVERSITY SEAL

The lantern represents liberal learning and symbolizes enlightenment. The banner, "Artes, Scientia, Veritas," encourages each student to commit to in-depth and systematic study, through disciplinary and professional knowledge. The rays of the sun represent personal growth. The outer rings symbolize social responsibility.

ACADEMIC COLORS

Each discipline is represented by a unique color. Mingled colors distinguish combined curriculums.

Architecture and Urban Planning	<i>blue-violet</i>
Business Administration	<i>drab</i>
Dentistry	<i>lilac</i>
Education	<i>light blue</i>
Engineering	<i>orange</i>
Environment and Sustainability	<i>russet</i>
Fine Arts	<i>brown</i>
Information	<i>lemon</i>
Kinesiology	<i>sage green</i>
Law	<i>purple</i>
Literature and Arts	<i>white</i>
Medicine	<i>green</i>
Music	<i>pink</i>
Nursing	<i>apricot</i>
Pharmacy	<i>olive green</i>
Philosophy	<i>dark blue</i>
Public Health	<i>salmon pink</i>
Public Policy	<i>peacock blue</i>
Science	<i>golden yellow</i>
Social Work	<i>citron</i>

SCHOOLS AND COLLEGES OF THE UNIVERSITY

The order of presentation is by the year of founding.

College of Literature, Science, and the Arts

The College of Literature, Science, and the Arts, founded in 1841, was the first duly constituted college of the University of Michigan. Today, with more than 15,000 undergraduate and 2,000 graduate students, LSA is the largest of the University's schools and colleges, and it is still the heart of the campus. Distinguished in the humanities since its earliest years, the college became preeminent in the natural sciences during the early 20th century and went on to become a world leader in social science research. The college has always been dedicated to providing a richly diverse liberal arts education that prepares students to lead fulfilling lives as responsible citizens within a wide range of professional careers.

Medical School

Since opening its doors in 1850, the Medical School has been a leader in medical education, patient care, and biomedical research. In addition to its professional doctor of medicine program, the Medical School offers master's and doctoral degrees in the basic medical sciences. The school established the nation's first university-owned and -operated teaching hospital and created the first departments of pharmacology and human genetics in the United States. It also played an important role in the development of the electrocardiogram and in the development of iodized salt as a goiter preventive. The Medical School was among the first major American medical schools to graduate women and African Americans; today, there are more practicing M.D.s from the University of Michigan than from any other medical school in the United States.

Law School

Founded in 1859, the Law School awarded its first bachelor of laws degrees in 1860. In 1870, the school became the second in the nation to confer a law degree on an African American candidate and the first major law school to admit a woman. In 1871, one of the school's graduates became the first woman with a law degree to be admitted to the bar. A national law school from its earliest years, the school's graduates work in every state of the union and in more than 73 countries, in business, as practitioners and professors, as legislators and members of Congress, and as distinguished civil servants and members of the judiciary.

School of Dentistry

Established in 1875, the School of Dentistry first granted the professional degree, doctor of dental surgery, the following year. A national leader in the training of professional dentists and long active in oral and craniofacial research, the school offers the doctor of dental surgery, master's degrees, and graduate clinical programs in several dental specialties and general dentistry. A doctoral degree is offered in oral health sciences and in an interdepartmental program in biomaterials. The School of Dentistry also offers baccalaureate and master's programs in dental hygiene.

College of Pharmacy

As the first College of Pharmacy in the United States at a public institution, it was first established as a department in 1868 and later a college in 1876. The college is consistently top-ranked nationally and has a distinguished history of leading at pharmacy's edge, making significant discoveries that have advanced the field and improved health outcomes. A long history of innovators, including the Upjohn, Lilly, and Walgreens family members, have graduated from the college. It also founded Rho Chi, the Pharmacy Honor Society, Phi Delta Chi, pharmacy's professional fraternity, and the first hospital residency program. Today, the college has an average annual enrollment of ~600 students: 125 bachelors in pharmaceutical sciences, 325 doctors of pharmacy, and 140 masters in integrated pharmaceutical sciences and doctors of philosophy across three programs with research expertise in drug discovery, drug development, drug utilization, and health outcomes.

Horace H. Rackham School of Graduate Studies

The Horace H. Rackham School of Graduate Studies oversees and coordinates graduate education, bringing together graduate students and faculty from across the institution to experience and take full advantage of the University as a scholarly community. The University awarded its first master of arts degree in 1849, first master of science degree in 1859, and first doctor of philosophy degree in 1876. Organized as a department in 1892, the School of Graduate Studies became an autonomous unit in 1913. In 1935, a generous gift from Horace H. and Mary A. Rackham included the site and construction of the Rackham Building for graduate studies and a substantial endowment for carrying on graduate work and research.

Gerald R. Ford School of Public Policy

The School of Public Policy prepares graduates for distinguished careers in policy analysis and management, and promotes improved public policy through research. Its curriculum combines rigorous grounding in contemporary social science, opportunities to develop expertise in a variety of policy domains, and practical experience. Graduates work in government and the private and nonprofit sectors, using their knowledge, judgment, and new ideas to solve social problems, both domestic and international. The school traces its history to the Institute of Public Administration, established in 1914 as one of the first programs in municipal administration in the United States. In 1999, the regents approved the naming of the school in honor of Gerald R. Ford, the 38th President of the United States and a 1935 graduate of the University.

College of Engineering

Instruction began with a class in civil engineering in 1854. Historically, the College of Engineering has been a leader in establishing departments in emerging fields, including metallurgical engineering, naval architecture and marine engineering, electrical engineering, chemical engineering, aeronautical engineering, nuclear engineering, and computer engineering. Today, the college and its 60,000 alumni provide leadership in various technologies, healthcare, business, and the sciences, improving the quality of people's lives around the world.

Marsal Family School of Education

The Marsal Family School of Education was founded in 1921, 42 years after the University established the first chair in any United States collegiate institution devoted to the "science and art of teaching." The school prepares students for professional careers in teaching and administration, and offers advanced training for researchers and practitioners at all levels of education. Teacher diplomas were first offered in 1874; the first master's degree in education was conferred in 1891, the first Ph.D. in 1902, and the first Ed.D. in 1938.

Stephen M. Ross School of Business

Formally established in 1924, the Stephen M. Ross School of Business operates on the mission of building a better world through business. Today, at all levels of instruction — undergraduate, graduate, and executive education — its programs rank among the world's top business schools, preparing students to excel and lead in a dynamic world. Each year, as many as 1,600 new Michigan Ross graduates enter careers in business and academia, joining the more than 55,000 who already serve in leadership positions in business, government, and academic institutions throughout the world.

School for Environment and Sustainability

The clear-cutting of Michigan's densely forested wilderness was well under way when the University of Michigan began offering courses in forestry in 1881—the first university in the United States to do so. The year 1903 saw the creation of a Department of Forestry, forerunner of today's School for Environment and Sustainability (SEAS). The school's students and faculty organized the famous 1970 Teach-In on the Environment (the prototype of Earth Day) and incubated the scholarly disciplines of Environmental Justice, Environmental Education, and Environmental Informatics. From its inception as a forestry school to the interdisciplinary institution it is today, SEAS has always prepared leaders to understand and solve the major environmental challenges of the era.

School of Music, Theatre & Dance

Consistently ranked among the top performing arts schools in the nation, and one of the oldest, the School of Music, Theatre & Dance is committed to creating an environment of educational and artistic excellence, nurturing creativity, academic integrity, and professionalism in its students and faculty. With degrees offered at the bachelor's, master's, and doctoral levels, the School is deeply engaged in the creation, practice, scholarship, and pedagogy of music, theatre, and dance. It fosters a spirit of social responsibility and principled entrepreneurship and serves the community and state of Michigan through public performances, cultural resources, arts education, and outreach programs.

A. Alfred Taubman College of Architecture and Urban Planning

Michigan offered its first courses in architecture in 1876. The program became a department in 1913, and by 1931, the College of Architecture was established as a separate entity. During the 1940s, the college was one of the few schools in the country to consider research a necessary part of architectural education, and in 1946 it became the first to introduce a graduate program in urban planning. The college offers master of architecture, master of urban planning, and master of urban design degrees; bachelor of science and master of science degrees in architecture; and doctoral programs in architecture and in urban and regional planning. In 1999, the college was named in honor of A. Alfred Taubman, founder and chairman of The Taubman Company, Inc., and a longtime friend, supporter, and adviser to the college.

School of Nursing

The University of Michigan School of Nursing (UMSN) is an international leader in the advancement of nursing knowledge and strategies to improve health care. In addition to the four-year BSN program and the second career in nursing program, UMSN has a robust offering of graduate programs. Students are prepared to be leaders in advanced clinical practice through our M.S.N. and post-baccalaureate Doctorate of Nursing Practice (DNP) programs. Students can also lead and effect change through the M.S.N. or post-masters DNP programs in systems, populations and leadership. UMSN's prestigious Ph.D. and postdoctoral programs prepare nurse scientists to develop the knowledge necessary to support and advance nursing practice.

School of Public Health

Founded in 1941 and ranked among the country's top public health schools, the University of Michigan School of Public Health educates more than 1,000 graduate and undergraduate students each year. With over 170 faculty and researchers across six departments and numerous collaborative centers and institutes, the school brings interdisciplinary, innovative solutions to complex health challenges, including chronic and infectious diseases, obesity and food insecurity, health care quality and cost, climate change and environmental factors, and socioeconomic inequalities and their impact on health. Compassion, innovation, and inclusion drive the faculty, staff, students, and 15,000 alumni of Michigan Public Health to pursue positive change and lasting impact on the health of the world.

School of Social Work

The program in social work began in 1921, and was granted the status of a school in 1951. Faculty maintain high research productivity while teaching an innovative curriculum. At the master's level, the school prepares professional practitioners for work with individuals, children and their families, the aged, organizations, and communities. Students may focus their studies in the fields of substance abuse, mental health, education, child welfare, program evaluation, and public policy. The joint doctoral program in social work and social science is one of a kind and prepares students for academic and research careers. Graduates of both programs are found in leadership positions around the world. The School of Social Work consistently ranks as one of the best in the nation.

School of Information

A formal program began in 1926, when the Department of Library Science was created in the College of Literature, Science, and the Arts. In 1948, offerings became entirely graduate and a doctoral program was inaugurated. Establishment of an independent school, committed to the interdisciplinary study of information and library principles, came in 1969. In response to the rapid change brought on by present technology, the school broadened significantly further in the 1990s. It now pursues a highly interdisciplinary approach to educate professionals who will serve as leaders in the information age. Recognizing this broader mission, the school was renamed the School of Information in 1996.

Penny W. Stamps School of Art & Design

The Penny W. Stamps School of Art & Design traces its history at the University to visual arts education in the late 19th century, awarding its first degree in 1960, and becoming a University of Michigan school in 1974. In 2002, the school launched a unique curriculum that prompted the National Association of Schools of Art and Design to report, "The School of Art & Design and the University of Michigan have created an opportunity to lead the academic conversation in art and design in this country." The school prepares graduates for a broad range of creative professions through its undergraduate and graduate programs. Commitment to the integration of art and design, community engagement, international experience, connections to the academic resources of the University, interdisciplinary pursuit, and public presentation of creative work are required of all majors.

School of Kinesiology

Kinesiology has been part of the University of Michigan curriculum since the turn of the 20th century and joined the ranks for the schools and colleges as an independent unit in 1984. Concentrations have the common thread of human movement and span a wide range including movement science, physical education, sport management, and athletic training. Kinesiology prepares undergraduates for careers as diverse as medicine and physical therapy to athletic administration, marketing, and law. Master's and doctoral students expand their opportunities in higher education, research, health care, public health or medicine, business, and law.

CANDIDATES FOR DEGREES AND CERTIFICATES

The following is a list of the candidates for degrees to be granted upon completion of formal requirements. Candidates are recommended jointly by the school faculty and the Executive Board of the Graduate School, and are listed alphabetically by degree, and in some cases also by field of specialization, under the school or college which awards the degree. The listing begins with doctoral degrees and then in order of founding of the schools and colleges.

This program presents as complete and accurate a record of candidates for degrees as is possible as of the publication date.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Founded in 1912, Michael J. Solomon, Dean and Vice Provost for Academic Affairs–Graduate Studies

Doctor of Musical Arts

- Catherine Goode**, Field of Specialization: Music Performance. Dissertation: Considering the Classical Music Canon: Exploring, Expanding, and Embracing Vocal Repertoire from a Feminist Perspective.
- Ye Mee Kim**, Field of Specialization: Music Performance. Dissertation: Three Dissertation Recitals and Document.
- Zuhao Liu**, Field of Specialization: Music Performance. Dissertation: Piano Performance Dissertation.
- Paige Yvette Madden**, Field of Specialization: Music Performance. Dissertation: Summary of Percussion Dissertation Recitals.
- Nathan Joseph Shook**, Field of Specialization: Music Performance. Dissertation: Three Programmatic Recitals of Tuba and Euphonium Music.
- Rong Sui**, Field of Specialization: Music Performance. Dissertation: Cultural Expression and Musical Design in Chinese Piano Music: History, Analysis, and Pedagogical Approaches.
- Mira Carole Walker**, Field of Specialization: Music Performance. Dissertation: The Pedagogical Legacy of Margaret Allison Bonds.
- Rachel Elizabeth Zephir**, Field of Specialization: Conducting (Band). Dissertation: Three Dissertation Recitals.

Doctor of Philosophy

- L'Emir Pierre Abillama**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Algorithm-Hardware Co-Design for Artificial Intelligence: From Energy-Efficient Edge Processing to High-Performance GPU Acceleration.
- Sebastian Abisleiman**, Field of Specialization: Aerospace Engineering. Dissertation: Numerical Simulation of High-Speed Combustion: Supersonic Deflagrative Combustors and Oblique Detonation Waves.
- Armen Alex Abkarian**, Field of Specialization: History. Dissertation: Forging the Armenian Crown: Mediating Kingship Across the Mediterranean and Eurasia.
- Samantha Lamont Adams**, Field of Specialization: English and Women's and Gender Studies. Dissertation: 'A Body of Water Inside Me': Insurgent Waterscapes Shaping African American Life and Literature from the Great Migration into the Twenty-First Century, 1919-2019.
- Alexander Ahn**, Field of Specialization: Movement Science. Dissertation: Impact of Endurance Exercise on Gene Expression and Regulation in Skeletal Muscle.
- Eva Albalghiti**, Field of Specialization: Environmental Engineering. Dissertation: Microbial Carbonate Precipitation for Subsurface Permeability Reduction.
- Nuha Alfahham**, Field of Specialization: Environmental Engineering. Dissertation: Innovative Solutions for Emerging Challenges in Water and Wastewater Disinfection.
- Adam Alfrey**, Field of Specialization: Applied Physics. Dissertation: Optical Spectroscopy of Excitonic States in Transition-Metal Dichalcogenides: Insights from Hyperspectral Imaging and Two-Dimensional Coherent Spectroscopy.
- Radin Alikhani**, Field of Specialization: Clinical Pharmacy Translational Sciences. Dissertation: Biological Age in Kidney Function Models: A Framework for Age-Informed Precision Dosing.
- Abdullah Abdulaziz M. Alothman**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Highly Resonant Nonlinear Wireless Power Transfer for Dynamic Charging.
- Sam Ankenbauer**, Field of Specialization: Information. Dissertation: Skimming the Deep Keel: How Older Adults Coordinate Trust and Redress in the Aftermath of Technology-Mediated Scams.
- Brandon Kiwon Apodaca**, Field of Specialization: Robotics. Dissertation: Human-aware In-Orbit Space Structure Inspection Trajectory Generation.
- Bailey Nicole Apollonio**, Field of Specialization: Film, Television, and Media. Dissertation: Kidult Media Culture: Children's Media Industries and Their Adult Fans.
- Connor William Arrigan**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Enabling the Investigation of Encoded and Non-Encoded Relations in Design Tools: A Causality and Ontological Commitment Inspired Statistical Physics Tensor Network Framework.
- Cassandra Samantha Arroyo**, Field of Specialization: Higher Education. Dissertation: *Nuestra Realidad*: Colonial Oversight, Fiscal Control, and the Fight for Financial Stability in Puerto Rico's Higher Education System.
- Raymond-Christian Cottman Asare**, Field of Specialization: Chemical Engineering and Scientific Computing. Dissertation: Physics-Informed Frameworks for Analyzing Structural Order in Nanoscale Biological Assemblies.
- Mitre Athaiya**, Field of Specialization: Neuroscience. Dissertation: Myeloid HIF1 α Orchestrates Immunometabolic Reprogramming and Promotes Peripheral Nerve Regeneration in a Non-Cell Autonomous Manner.
- Christopher Ayala**, Field of Specialization: Applied Physics. Dissertation: High Harmonic Generation in Wide-Gap Semiconductors.
- Ruth D. Azaria**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Modulating Protein Folding in Niemann-Pick Type C Disease.
- Joonho Bae**, Field of Specialization: Business Administration. Dissertation: Optimizing Battery Use for a More Sustainable Energy System.
- McKenna Pomeroy Bailey**, Field of Specialization: Business Administration. Dissertation: The Effect of Audit Partners' Prior Record on Post-Retirement Board Opportunities.
- Lillia Baird**, Field of Specialization: Immunology. Dissertation: The Role of Neutrophils in Amyotrophic Lateral Sclerosis.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Jillian Baker**, Field of Specialization: Epidemiological Science. Dissertation: Exploring a Phenotype of Accelerated Aging in Midlife to Older Adult Women Survivors of Intimate Partner Violence.
- Ginette T. Balbin Cuesta**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Reactivation of γ -globin Expression in β -Hemoglobinopathies.
- Emily Ann Balczewski**, Field of Specialization: Bioinformatics. Dissertation: Information Management Tools for Clinician Education and Practice in the Data Era.
- Vinodh Balendran**, Field of Specialization: Neuroscience. Dissertation: Structural and Behavioral Links Between Entorhinal Cortex Somatostatin-Expressing Interneurons and Sleep-Dependent Memory.
- Leia Barrowes**, Field of Specialization: Physics. Dissertation: Ensuring Nonperturbative Particle Production in the Early Universe.
- Amna Batool**, Field of Specialization: Information. Dissertation: From Global Platforms to Local Realities: Understanding and Theorizing Non-Consensual Image-Disclosure Abuse Across Contexts.
- Justin Daniel Hollands Berman**, Field of Specialization: Physics. Dissertation: Aspects of the Perturbative S-matrix Bootstrap.
- Shreyas Naveenchandran Bhat**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Enabling Effective Human-Robot Collaboration via Trust-Driven Decision-Making.
- Christopher Edward Bidlack**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Deep Mutational Scan of *SERPINC1* to Identify Variants Affecting Thrombosis Risk.
- Shuhaib Bin Haji Nawawi**, Field of Specialization: Environment and Sustainability. Dissertation: U.S. Residential Decarbonization: Systems Thinking Insights Across Technological, Infrastructural, and Socio-Behavioral Levers.
- Matthew Stephen Blacksmith**, Field of Specialization: Genetics and Genomics. Dissertation: The Effects of LINE-1 Mediated Retrotransposition on Canine Genomes.
- Anne Blackwell**, Field of Specialization: Astronomy and Astrophysics. Dissertation: The Origin of Metals in Galaxy Clusters - Characterizing the Early Enrichment Population.
- Mia Bonini**, Field of Specialization: Biomedical Engineering. Dissertation: Patient-Specific Computational Modeling of Cardiovascular Interventions and Pathologies.
- Maya Louise Bose**, Field of Specialization: Bioinformatics. Dissertation: Using High-Throughput and Single-Nucleus Multi-Omic Sequencing Technologies to Understand Cardiometabolic Disease.
- Catherine Brist**, Field of Specialization: English and Women's and Gender Studies. Dissertation: Unsettling Testimony: Readers' Responses to Controversial Narrators of Sexual Violence.
- Lindsay Kathryn Brown**, Field of Specialization: Information. Dissertation: Interpersonal Information Behavior: How Families Seek, Share, and Use Information in the Long-Term Management of Chronic Illness.
- Katie Burkhard**, Field of Specialization: Biomedical Engineering. Dissertation: Three-dimensional Bioengineered Models of Cellular Interactions in the Microenvironments of Ovarian Cancer and its Fallopian Tube Precursor Lesions.
- Jordan A. Byrne**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Identifying Specificity Determinants of Organelle Positioning in Bacteria.
- Nicole Marie Cady**, Field of Specialization: Microbiology and Immunology. Dissertation: Indole Lactic Acid and *Bifidobacterium*: Mechanisms, Species Variation, and Clinical Potential in Preserving Colonic Barrier Function.
- Lingrui Cai**, Field of Specialization: Bioinformatics. Dissertation: Advancing Medical Image and Report Analysis with Artificial Intelligence: Applications in Inflammatory Bowel Disease and Traumatic Brain Injury.
- Yidan Cao**, Field of Specialization: Health Infrastructures and Learning Systems. Dissertation: Precision Feedback to Support Social and Pediatric Primary Care Integration.
- Spencer Clark Carmichael**, Field of Specialization: Robotics. Dissertation: Leveraging 3D Geometry for Place Recognition and Image Restoration in Visual and Thermal SLAM.
- Sabrina Nobrega Carneiro**, Field of Specialization: Chemistry. Dissertation: Exploring Applications of Aminocyclopropenium Ions in Organic Synthesis.
- Taniet Chahwan**, Field of Specialization: Film, Television, and Media. Dissertation: Star Bodies and National Melodrama: Gender, Stardom, and Postcolonial Modernity in 1950s Egypt.
- Aaron Leonard Chan**, Field of Specialization: Physics. Dissertation: Unexpected Electronic Behavior in Quantum Materials: Anisotropic Extreme Magnetoresistance and Isotope-Induced Ferroelectric.
- Monica Kasturi Chanda**, Field of Specialization: Cancer Biology. Dissertation: A STAT5 Activator Promotes Memory CD8+ T Cell Differentiation in the Absence of Cytokine.
- Aishwarya Chandrashekar**, Field of Specialization: Pharmaceutical Sciences. Dissertation: Direct and Remote Encapsulation Strategies for GLP-1 Receptor Agonists in PLGA Microspheres.
- Albert Chang**, Field of Specialization: Materials Science and Engineering. Dissertation: Exploring the Therapeutic Applications of Protein Nanoparticles *via* Local Administration.
- Trenton Chang**, Field of Specialization: Computer Science and Engineering. Dissertation: Predictions as Behaviors: Steering Machine Learning Models Towards High-Level Principles.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Angel Chavira**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Point Defect Annealing and Accumulation in BCC Fe and FCC Ni at Extended Timescales: A Defect Rate-Based Long-time Dynamics Study.
- Garrett Chavis**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Dual Endomembrane Recycling Pathways Function in Synapse Maintenance and Plasticity.
- Sunny Chen**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Renewables, Stochasticity, and Power Systems Balancing.
- Jiahui Chen**, Field of Specialization: Environment and Sustainability. Dissertation: Economic and Climate Benefits of EV-System Integration Technologies.
- Anthony Chen**, Field of Specialization: Applied and Interdisciplinary Mathematics and Scientific Computing. Dissertation: Fast Summation for Geophysical Fluid Dynamics.
- Yichao Chen**, Field of Specialization: Statistics. Dissertation: Statistical Modeling for Structured Network and Functional Data.
- Yiran Chen**, Field of Specialization: Higher Education. Dissertation: Adding Insult to Injury: Advisor Hostility, Mentoring Deficit, and Their Distinct Consequences for Doctoral Students.
- Zoey Chopra**, Field of Specialization: Economics. Dissertation: Essays on Patient, Provider, and Policy.
- Hyesun Chung**, Field of Specialization: Industrial and Operations Engineering. Dissertation: From Dyads to Teams: Modeling Multi-Referent Multi-Level Trust in Multi-Agent Human-AI Teams.
- Mihai Cimpuiaru**, Field of Specialization: Mechanical Engineering. Dissertation: Data-Driven Reduced-Order Modeling and Identification for Turbomachinery Dynamics.
- Nathaniel Michael Clemett**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Probabilistic Operational Envelopes and Risk Aware Routing for Autonomous Ships.
- Madeline Elise Clough**, Field of Specialization: Chemistry. Dissertation: Developing Methods to Identify Environmental Microplastics.
- Lauren Cooper**, Field of Specialization: Electrical and Computer Engineering and Scientific Computing. Dissertation: Energy Scaling of Nonlinear Pulse Compression to 10s of fs with Gain-Managed Nonlinear Amplification Using Large Core Fibers and Time-Domain Pulse Combining.
- Jasmine Cooper**, Field of Specialization: Psychology. Dissertation: Beyond Race: How Place and Pollution Drive Cognitive Aging in Baltimore's HANDLS Study.
- Chelsea Guibord Cox**, Field of Specialization: Health Behavior and Health Equity. Dissertation: Examining Multi-Level Barriers to Early and Equitable Diagnosis of Alzheimer's Disease and Related Dementias in U.S. Primary Care.
- Anne Marie Creighton**, Field of Specialization: Anthropology. Dissertation: Language, Water, Place: Multilingualism and Its Afterlives in Colca, Peru.
- Julianna Rose Cresti**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Bacterial Ribonuclease HIII and Ribonucleotide Excision Repair.
- Elena Crosley**, Field of Specialization: Educational Studies. Dissertation: Moments that Matter: Exploring Student-Advisor Interactions in Undergraduate Honors Mathematics Advising.
- Frankie Czesak**, Field of Specialization: Neuroscience. Dissertation: Sex Differences and the Role of the Ventral Hippocampus to Nucleus Accumbens Pathway in Motivated Learning.
- Revanth Damerla**, Field of Specialization: Mechanical Engineering. Dissertation: Towards a Prosthetic Hand and Wrist That Meets Hardware-Related User Needs.
- Flynn Darby**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Scintilla et Favilla: Resolving Fission Kinetics and Transients in Fast and Thermal Systems using Organic Scintillators and HPGc.
- Mira Diab El Harakeh**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Label-free Detection of Bioanalytes using Polydiacetylene- and Quartz Crystal Microbalance-based Biosensors.
- Jiayuan Dong**, Field of Specialization: Mechanical Engineering and Scientific Computing. Dissertation: Efficient Goal-oriented Sequential Bayesian Experimental Design with Applications to Causal and Physical Systems.
- Rui Dong**, Field of Specialization: Mechanical Engineering. Dissertation: Multi-physics Phase-Field Modeling of Sintering in Metal Additive Manufacturing.
- Eryn Nicole Donovan**, Field of Specialization: Psychology. Dissertation: Cortico-Striatal Processing of Attention-Demanding Signals.
- Luiza Duarte Caetano**, Field of Specialization: Comparative Literature. Dissertation: The Uses of Literature in Times of Crisis: Germaine de Staël, Louise Michel, Peter Weiss.
- Claire Elizabeth Dudley**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: The Nucleoid as a Global Regulator for Spatial Organization in Bacteria.
- Matthew Gregory Dunaway**, Field of Specialization: Psychology. Dissertation: Conflict Type and Episodic Retrieval Modulate Congruency Effects Within and Across Trials: Implications for Theories of Cognitive Control.
- Sena Nurhan Duran**, Field of Specialization: American Culture. Dissertation: Race, Sex, and Fantasies of the Nation: Southwest Asian and North African (SWANA) Women in the U.S. Adult Film Industry.
- Najia Elkahlah**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Transcriptional Diversification of Neurons Regulating Motivated Behaviors.
- Havi E. Ellers**, Field of Specialization: Mathematics. Dissertation: Bounding HSL Numbers: A Measure of the Nilpotency of Frobenius.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Jack M. Erhardt**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Hardware and Software Co-Design for Low Power Augmented Reality Applications.
- Guillermo Rafael Escalona**, Field of Specialization: Biomedical Engineering. Dissertation: Biomaterial Scaffold for Detecting and Monitoring Metastatic Cancer Progression.
- LaRue Felder**, Field of Specialization: Chemical Engineering. Dissertation: Development of Particle-Based Drug Delivery Systems for Enhanced Steroid and NSAID Administration.
- Ryan Timothy Feng**, Field of Specialization: Computer Science and Engineering. Dissertation: Improving Physical-World Machine Learning Robustness with Semantic Reasoning.
- Gabriela Fernandes Martins**, Field of Specialization: Physics. Dissertation: Response Across Biological Scales: Topologically-Bound Sensitivity and Cooperative Antibiotic Resistance.
- Benjamín Antonio Figueroa Lackington**, Field of Specialization: Comparative Literature. Dissertation: Nonplaces: A Critique of Comparative Philosophy.
- Baudouin Fonkwa Kamga**, Field of Specialization: Mechanical Engineering and Scientific Computing. Dissertation: Theoretical and Numerical Modeling of Cavitation Damage: Application to Histotripsy, Blast-Induced Traumatic Brain Injury, and Cavitation Erosion.
- Peter Keaton Frame**, Field of Specialization: Mechanical Engineering. Dissertation: Space-Time Model Reduction Using Spectral Proper Orthogonal Decomposition.
- Madison Sarah Frazier**, Field of Specialization: Medicinal Chemistry. Dissertation: Diagnosing Dementia: The Clinical Evaluation of [¹¹C]COU and Synthesis of Second-Generation Analogues for Preclinical Studies of Neurodegeneration.
- Otávio Alonso Freire Alves**, Field of Specialization: Physics. Dissertation: Cosmological Analysis of the Dark Energy Survey and the Dark Energy Spectroscopic Instrument Data.
- Sam Elliot Frisone**, Field of Specialization: Materials Science and Engineering. Dissertation: Tailoring Defects in Semiconductors: from Dopants to Topologically-Protected Dislocations.
- Deepika Ganesh**, Field of Specialization: Environment and Sustainability. Dissertation: More than a "Curriculum Thing": Experiences of Teaching and Learning Sustainability Curricula in Higher Education.
- Anthony Miguel Garcia**, Field of Specialization: Pharmacology. Dissertation: Neuronal Nitric Oxide Synthase as a Model Client Protein for the Study of Hsp90 and Hsp70 Modulators.
- Armando Gil**, Field of Specialization: Applied Physics. Dissertation: Low-Bandgap Semiconductor Materials and Superlattices as Infrared Detectors and Topological Insulators.
- Jonathan Goettsch**, Field of Specialization: Materials Science and Engineering. Dissertation: Electric Current Assisted Solidification Processing: Toward Phase Control and Real Time Visualization.
- Bryan Benjamin Yu Xian Goh**, Field of Specialization: History. Dissertation: Choreographing Charisma: Catholicity and the Charismatic Renewal Movement in Insular Southeast Asia (1965-2020).
- Lucas Gomes**, Field of Specialization: Earth and Environmental Sciences. Dissertation: Extinction and Environmental Change on the Plio-Pleistocene Florida Platform: Insights from Clumped Isotopic and Trace Elemental Sclerochronology.
- Kyle James Gontjes**, Field of Specialization: Microbiology and Immunology. Dissertation: Drivers of Emergence and Spread of Antibiotic Resistance in *Carbapenem-Resistant Klebsiella pneumoniae*.
- Andrés Felipe González Durán**, Field of Specialization: Earth and Environmental Sciences. Dissertation: Application of Mineral Chemistry and Petrochronology to Unravel the Timing and Genesis of Mineral Deposits in the American Cordillera.
- Kate Victoria Griffin**, Field of Specialization: Biomedical Engineering and Scientific Computing. Dissertation: Nanoparticle-Mediated Immunomodulation and Classification of Immune Dysregulated Disease States.
- Lena Grimm**, Field of Specialization: Comparative Literature. Dissertation: Siting Language: The Translational Poetics of Anne Carson and Barbara Köhler.
- Yufeng Gu**, Field of Specialization: Computer Science and Engineering. Dissertation: Architecture and System Co-Design for Large-Scale Emerging Applications.
- Joshua B. Guberman**, Field of Specialization: Information. Dissertation: (Re)Constructions of Autistics in Human-Computer Interaction.
- Jose Irineo Guerrero**, Field of Specialization: Aerospace Engineering. Dissertation: On Quantifying Energy Conversion Processes in Rotating Detonation Combustors.
- Nicki Guisneuf**, Field of Specialization: Psychology. Dissertation: Behavioural Flexibility Across Timescales in White-Faced Capuchins.
- Aman Raj Gupta**, Field of Specialization: Electrical and Computer Engineering. Dissertation: CMOS Mixer-First Radios Using Wireless Signals Optimized for Ultra-Low Power Networks.
- Daisy Haas**, Field of Specialization: Chemistry. Dissertation: An Exploration of Equity in Chemical Education: Noticing and Dreaming to Transform Teaching.
- Ady Aaditya Hambarde**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Quantum Theory of Strong Coherent Excitonic Nonlinearities in Semiconductors.
- Doo Won Han**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Towards Trustworthy Human-Autonomy Interaction: Understanding Human Behavior in Interaction with Automated Vehicles.
- Abdulkarim Osama Hariri**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Quantum-Enhanced Metrology with Engineered Squeezed Light: From Spectroscopy to Inertial Sensing.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Chuan He**, Field of Specialization: Mechanical Engineering. Dissertation: SmartScan: Physics-Based Optimization of LPBF Scan Sequences to Reduce Residual Stress and Distortion.
- Mirella Anarey Hernandez Lima**, Field of Specialization: Neuroscience. Dissertation: Neuronal and Molecular Basis of Death Perception and Fic AMPylase-Mediated Proteostasis in *Caenorhabditis elegans*.
- Blake Thomas Hipsley**, Field of Specialization: Physics. Dissertation: Investigating Exciton Interactions in Doped Transition Metal Dichalcogenides with Multidimensional Coherent Spectroscopy.
- Matt Hodgman**, Field of Specialization: Bioinformatics. Dissertation: Raising the Standard of Machine Learning Transparency and Utility in Cardiovascular Medicine.
- Jeffrey Alex Horowitz**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Micropatterned Applications of Organic Electronics and Photonics.
- Greg Hoy**, Field of Specialization: Epidemiological Science. Dissertation: The Clinical and Immunologic Dynamics of Influenza Infection and Transmission.
- Jer-En Hsu**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Bridge between Transcriptomics and Histopathology: Seq-Scope Reveals Molecular Pathologies Underlying Muscle Degeneration.
- Jason Hu**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Diffusion Models for Large-Scale and 3D Image Reconstruction Problems.
- Ziyuan Huang**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Exploring Sequential Dynamics in Security Games and Mechanisms.
- Azam Hussain**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: High Throughput Modeling of Protein Sequence-Structure-Function Space.
- Marsha-Kay Norissa Deanna Hutchinson**, Field of Specialization: Oral Health Sciences. Dissertation: Toward Precision Oncology: Identification and Validation of Predictive Markers of Radiation Response.
- Sung-Won Hwang**, Field of Specialization: Chemical Engineering. Dissertation: Engineering Synthetic Cells: From Functional Modules to Biomedical Applications.
- Buhari Ibrahim**, Field of Specialization: Mechanical Engineering. Dissertation: Characterizing Sintering and Mechanical Behaviors of SS 316L Produced via Novel Material Jetting of Sub-micrometer Powders: Experiment and Modeling.
- Noura Ibrahim**, Field of Specialization: Astronomy and Astrophysics. Dissertation: Highest Resolution Imaging of the Dust Destruction Rim of Planet-Forming Disks Using the CHARA Array.
- Sarah Maria Jabbour**, Field of Specialization: Computer Science and Engineering. Dissertation: Towards AI-Augmented Clinical Decision Making: Understanding and Mitigating Failures in Clinician-AI Systems.
- Chesta Jain**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Iron Dependent Regulation of Redox Homeostasis and Cellular Metabolism in Colorectal Cancer.
- Hyunwoo Jang**, Field of Specialization: Neuroscience. Dissertation: Integration-Segregation Balance as the Neural Probe of Human Consciousness: Evidence from Network Neuroscience and Focused Ultrasound Neuromodulation.
- Matheus Januario Lopes de Sousa**, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: Pattern and Process Across Temporal Scales of Biodiversity Turnover.
- Caleb E. Jeanniton**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Towards Safer Cities: Characterizing the Effect of Mobility Technologies on Human Decision Making at Traffic Intersections.
- Kaila Grace Jenkins**, Field of Specialization: Applied Physics. Dissertation: Novel Quantum Phenomena in Kagome Metals and Strongly Correlated Electron Systems.
- Maggie Jewett**, Field of Specialization: Biomedical Engineering. Dissertation: Scalable Biofabrication Strategies for Engineering Microvascularized, Anisotropic Cardiac Tissues.
- Rahul Kant Jha**, Field of Specialization: Chemistry. Dissertation: Electrochemical Repurposing of Waste Poly(vinyl chloride).
- Sixian Jia**, Field of Specialization: Mechanical Engineering. Dissertation: Machine Learning for Scalable and Generalizable Quality Control in Two-Photon Lithography.
- Linyi Jin**, Field of Specialization: Computer Science and Engineering. Dissertation: 3D from Casual Visual Observations.
- Yuzhuo Jing**, Field of Specialization: Computer Science and Engineering. Dissertation: Operating System Support for Reliable Software.
- Aniket Jivani**, Field of Specialization: Mechanical Engineering and Scientific Computing. Dissertation: Active Data Collection for Surrogate Model Construction and Multi-fidelity Uncertainty Quantification.
- Eileen Johnson**, Field of Specialization: Biomedical Engineering. Dissertation: Engineering Stress Culture: Exploring Undergraduate Student Experiences and Developing Measurement Methodologies.
- Lanora Johnson**, Field of Specialization: Sociology. Dissertation: Gender, Poverty, and Place in Eastern Kentucky.
- Gabrielle Nicole Jones**, Field of Specialization: Chemical Engineering. Dissertation: The Effect of Topology, Curvature, and Confinement on the Self-Assembly of Shape Anisotropic Particles.
- Chelle Jones**, Field of Specialization: Sociology. Dissertation: Transnational Pursuit of Fuller Lives: LBTQ Migration, Family Building, and Gender Identity Affirmation in South Korea.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Denise Lynn Jones**, Field of Specialization: Education and Psychology. Dissertation: Conceptualizing Black Adulthood: Examining Black Youths' Developmental Experiences and Transitions to Adulthood Within One Community-Based Youth Serving Organization.
- Sun Min Jung**, Field of Specialization: Pharmaceutics. Dissertation: Characterizing Racial Differences in Hepatic Drug-Metabolizing Enzymes and Evaluating Plasma Carboxylesterase 1 as a Biomarker for Enalapril Pharmacokinetics and Non-Alcoholic Fatty Liver Disease.
- Ingab Kang**, Field of Specialization: Computer Science and Engineering. Dissertation: A Systematic Characterization of Rowhammer Attacks on DDR4/5 systems.
- Chia-Yu Kang**, Field of Specialization: Biophysics. Dissertation: Structural Determination and Functional Characterization of Fluoride Exporters.
- Yu-Ting Kao**, Field of Specialization: Medicinal Chemistry. Dissertation: Miniaturized Amine-Acid Amination and Direct-to-Biology to Accelerate Drug Discovery: From Natural Products Targeting Prostate Cancer Therapy.
- Tarana Parvez Kaovasia**, Field of Specialization: Biomedical Engineering. Dissertation: An All-in-One Focused Ultrasound System for Murine Brain Studies.
- Reuben Kapp**, Field of Specialization: Higher Education. Dissertation: Don't Let a Crisis Go to Waste: How Has the COVID-19 Pandemic Reshaped Our Understanding of Recruiting First-Year College Students.
- Ruya Karagulle**, Field of Specialization: Electrical and Computer Engineering and Scientific Computing. Dissertation: Integrating Formal Methods and Human Feedback for Safe and Personalized Control Synthesis.
- Chinmaya Kausik**, Field of Specialization: Mathematics. Dissertation: Sequential Decision Making under Structured Partial Observability.
- Günay Kayarlar**, Field of Specialization: History. Dissertation: On Exile and Factionalism in the Early Modern Ottoman Empire: The Case of Karaçelebizâde Abdülazîz.
- Alan Kelleher**, Field of Specialization: Cancer Biology. Dissertation: TRIM29 Links Urothelial Stress Adaptation to Immune Exclusion to Promote Muscle-Invasive Bladder Cancer.
- Corwin Benedict Kerr**, Field of Specialization: Chemical Engineering. Dissertation: Controlling Dislocations to Enable Crystalline Colloidal Robotics.
- Estefanio Manuel Kesto**, Field of Specialization: Physics. Dissertation: Investigation of Ultrafast Spin Phenomena Under Periodic Optical Pumping.
- Muhammad Khalifa**, Field of Specialization: Computer Science and Engineering. Dissertation: Reasoning Under Inference-Time Compute.
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- Elliot Kimmel**, Field of Specialization: Aerospace Engineering. Dissertation: High-Speed Aerothermoelastic Analysis of Control Surfaces via Surrogate Modeling of Turbulent Shock-Boundary Layer Interaction Effects
- Alex Kleb**, Field of Specialization: Aerospace Engineering and Scientific Computing. Dissertation: Cartesian Cut-cell Methods for High Reynolds Number Flows.
- Demba Bakary Komma**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Designing Ultra-Low-Power and Secure RF Localization Systems for Proximity Authentication and IoT Applications.
- Michaela Kotziers**, Field of Specialization: English and Women's and Gender Studies. Dissertation: My Lesbian Dissertation: On Correspondence, Diaries, and Writing the Personal.
- Adrienne Elizabeth Lagman**, Field of Specialization: Anthropology. Dissertation: The Law Has Feelings: Employing Affect, Creating Law with Shanghai's Corporate Consulting Attorneys.
- Yi-Chin Lee**, Field of Specialization: Architecture. Dissertation: Reconsidering Precision: Computational Knitting as a Participatory Design Practice with Neurodivergent Communities.
- Changwoo Lee**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Learning and Exploiting Low-dimensional Structures for Efficient Deep Learning.
- Jungho Lee**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Ultra-Low-Power Microscopic Systems: From Wireless Neural Interfaces to Reprogrammable Microrobots.
- Daeun Lee**, Field of Specialization: Earth and Environmental Sciences. Dissertation: Decoupling Climate Signals: Ocean Equilibria, Tectonic Uplift, and Hydroclimate Dynamics from the Miocene to Modern Africa.
- Michael Orion Lengel**, Field of Specialization: Chemistry. Dissertation: N-N Bond Formation and Cleavage Reactions in Nature: Synthesis, Spectroscopy, and Computational Investigations into FNOR Models and Nitrogenases.
- Yuhan Li**, Field of Specialization: Materials Science and Engineering. Dissertation: Comparative Study of Composition-Controlled Radiation-Induced Microstructural Evolution in Hollandite Ceramics and FeCrAl Alloys.
- Yuxuan Li**, Field of Specialization: Information. Dissertation: Distributed Design Optimization Studies: A Simulation-based Methodology for Mobile Health Intervention Optimization.

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Doctor of Philosophy

- Chen Li**, Field of Specialization: Bioinformatics. Dissertation: Modeling Gene Regulatory Dynamics in Development and Disease from Single-Cell Multi-Omic Data.
- Kai Li**, Field of Specialization: Bioinformatics. Dissertation: Computational Methods for Four-Dimensional diaPASEF Proteomics Data Analysis.
- Xiao Li**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Exploring Low-Dimensional Structures in Representation Learning: From Discriminative to Generative Models.
- Shih-Chi Liao**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Stability Analysis of Quadratic Dynamical Systems: From Convergence to Boundedness.
- Hung-Chun Lin**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Strength Prediction Methods for Steel-Concrete-Steel Sandwich Cylinder Under External Pressure.
- Kathleen McCoy Lindsey**, Field of Specialization: Epidemiological Science. Dissertation: The Lasting Impacts of Exposures to SARS-CoV-2: Underlying Immune Responses and Protection.
- Jiangnan Liu**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Ultrawide Bandgap Ferroelectric Scandium Aluminum Nitride: Epitaxy, Characterization, and Emerging Device Applications.
- Qiyang Liu**, Field of Specialization: Environmental Engineering. Dissertation: Vulnerability and Resilience in the Copper Value Chain: An AI-informed Firm-level Network Analysis.
- Yujie Liu**, Field of Specialization: Materials Science and Engineering and Scientific Computing. Dissertation: Defect Engineering, Ferroelectric Functionality, and Computational Discovery of Wide-Bandgap Nitrides and High-Entropy Semiconductors.
- Devon Loomis**, Field of Specialization: Physics. Dissertation: Spin and Flavor Dependent Hadronization in Light Neutral Meson Production from Polarized Proton Collisions.
- Ricardo López**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Utilization of Organic Glass Scintillators in a Dual-Particle Imager for Source Localization and Characterization.
- Donald Loveland**, Field of Specialization: Computer Science and Engineering. Dissertation: Rethinking the Role of Graph Structure in Machine Learning: Reconciling Competing Notions of Similarity.
- Frances Caroline Lowder**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Revisiting the Role of DNA Polymerase I in Maintaining the Genome Integrity of *Bacillus subtilis*.
- Kristen Michelle Lozada Soto**, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Claudin-23 Regulates Intestinal Epithelial Barrier Function and Mucosal Wound Repair.
- Cheng-Hsun Lu**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Design of Forward Error Correction Decoders for Communication Systems.
- Nicholas Andrew Lucido**, Field of Specialization: Mechanical Engineering. Dissertation: X-ray Based Techniques for Multiphase Flows with Applications to Cavitation Scaling.
- Jordan Mari Lucore**, Field of Specialization: Anthropology. Dissertation: Implications of Ambient Heat for Immunity and the Gut Microbiome of a Wild Primate.
- Tiang Luo**, Field of Specialization: Computer Science and Engineering. Dissertation: Structural Visual Intelligence.
- Tianxing Ma**, Field of Specialization: Mechanical Engineering. Dissertation: Modeling and Control of Li-ion Battery Coating Process with Insufficient Data.
- Claudia Mak**, Field of Specialization: Biological Chemistry. Dissertation: Self-Assembling Protein Superstructures Derived from a Bacterial Organelle System.
- Yakshita Malhotra**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Nanoscale and Quantum Engineering of III-Nitride Semiconductors for High Efficiency Micro-LEDs.
- Breanna Nicole McBean**, Field of Specialization: Genetics and Genomics. Dissertation: Targeting Resistance and Metastasis: Advancing Local and Systemic Therapeutic Strategies for Aggressive Breast Cancers.
- Brandon Lewis McClellan**, Field of Specialization: Immunology. Dissertation: Mutant Isocitrate Dehydrogenase 1 in Glioma Cells Causes a Reduction in Adenosinergic Pathway Signaling Within the Glioma Tumor Microenvironment.
- Atticus John McCoy**, Field of Specialization: Biomedical Engineering. Dissertation: An Investigation of the Role of Matrix Biophysical Cues on Vasculogenesis and Cardiac Reprogramming.
- Sam McCracken**, Field of Specialization: Comparative Literature. Dissertation: Virtually Disposable: A Theory and History of Digital Trash.
- Reliza James McGinnis**, Field of Specialization: Biomedical Engineering. Dissertation: Exploring the Impact of Histotripsy Therapy Dose on Anti-Cancer Immune Responses.
- Ana Cristine Meinicke**, Field of Specialization: Aerospace Engineering. Dissertation: Enabling an Efficient Neural Network-Based Inverse Model for a Vehicle-as-a-Sensor Concept in High-Speed Flight.
- Irene Melani**, Field of Specialization: Psychology. Dissertation: The Architecture of Interdependence: Psychological Diversity in South and Southeast Asia and the Mechanisms of Cultural Norm Enforcement.
- Dawit Mengistu**, Field of Specialization: Immunology. Dissertation: Understanding Dysregulated Cross-talk between Lung Dendritic Cells and Lung T Cells in the Pathogenesis of Chronic Obstructive Pulmonary Disease.

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Doctor of Philosophy

- Dana Lee Messinger**, Field of Specialization: Cancer Biology. Dissertation: Investigating the Role of Epigenetic Dysregulation in Histone-Mutant Pediatric High-Grade Glioma.
- Dmitri Mihailiov**, Field of Specialization: Applied Physics. Dissertation: Comprehensive Transport Studies Of Topological Kondo Insulator Samarium Hexaboride.
- Marina Minkin**, Field of Specialization: Computer Science and Engineering. Dissertation: Side-Channel Attacks Caused by Storage Optimizations.
- Afnan Abdullah M. Mohy**, Field of Specialization: Nutritional Sciences. Dissertation: The Role of Nutrition on Sleep Health among Midlife Women: Exploring Sustainable Diets, Manganese, and Meal Timing Associations.
- Harry Dennis Momo**, Field of Specialization: Epidemiological Science. Dissertation: Evaluating the Role of Thyroid Dysfunction in Cancer: Evidence from Observational and Mendelian Randomization Studies.
- Shubham Mondal**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Polarization Engineering of Ultrawide Bandgap III-Nitrides: From Materials to Devices.
- Basila Moochickal Assainar**, Field of Specialization: Biological Chemistry. Dissertation: Single-Molecule Investigation of Functional Oligomeric State of Hrd1.
- Jadie Yoonjoo Moon**, Field of Specialization: Immunology. Dissertation: Epigenetic Regulation of Keratinocytes in Normal and Pathologic Wound Healing.
- Neha Nagpal**, Field of Specialization: Chemical Engineering. Dissertation: Rare Cell Enrichment and Single Cell Analysis in Early Breast Cancer and HIV Enabled by Microfluidics.
- Mark Ramon Nail**, Field of Specialization: Robotics. Dissertation: Leveraging Intentional Collisions to Enhance Aerial Manipulation.
- Lwar Naing**, Field of Specialization: Cellular and Molecular Biology. Dissertation: *TNFRSF13B* Polymorphisms Modify Adaptive Immunity to Pathogens.
- Hannah J. Naldrett**, Field of Specialization: Pharmaceutical Sciences. Dissertation: Developing Chemical and Biochemical Nitrite Activation Strategies for, and Bench Top Modeling of, Inhaled Nitric Oxide Therapy.
- Noah Samuel Nelson**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Evaluating Aminotransferase Targets and Enhanced Imaging Modalities in Pancreatic Ductal Adenocarcinoma.
- James Robert Nesbitt-Prosser**, Field of Specialization: Classical Art and Archaeology. Dissertation: The Roads of Roman North Africa: Migration and Cultural Change.
- Tonglin Lu Newsom**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Advances in Amorphous Oxide Thin Film Transistors for 2T0C Dynamic Random Access Memory.
- Tenzin Ngodup**, Field of Specialization: Pharmacology. Dissertation: Role of Hypoxia in Fibroblast Reprogramming in Pancreatic Cancer.
- Denislav Paris Nikolov**, Field of Specialization: Mechanical Engineering. Dissertation: Improvements in Full-Field Inverse Methods for Characterizing Nonlinear Soft Material Response.
- Emily Lucinda Nolan**, Field of Specialization: Chemistry. Dissertation: Mechanistic Study of Organometallic Intermediates in Aminoquinoline-Directed C-H Bond Functionalization with 3d Transition Metals.
- Onyinye Gift Nwankwo**, Field of Specialization: Climate and Space Sciences and Engineering. Dissertation: Neutral Viscosity Control of the Ionosphere Thermosphere System: From Quiet Time Dynamics to Storm Time Responses.
- Olusayo Joseph Ogunyemi**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Non-Linear Optical Properties and Time-Resolved Spectroscopic Studies of Functional Materials for Optoelectronic, Quantum Sensing and Catalysis Applications.
- Christine Oldenburg-McGee**, Field of Specialization: Educational Studies. Dissertation: Navigating Health (Mis)information on Social Media during a Public Health Crisis.
- Adam Wallace Olson**, Field of Specialization: Cancer Biology. Dissertation: The Dynamic Role of MMP14/MT1-MMP in Tumor Cell Invasion and Metastasis.
- Sarah Wheat Ordu**, Field of Specialization: History of Art. Dissertation: Orienting the Harem: Spatial Images, Popular Architecture, and Visual Culture in Europe and the United States, 1809-1942.
- Jacob Allen Ormes**, Field of Specialization: Pharmacology. Dissertation: G β y as a Therapeutic Target for Pain Modulation: Mechanisms of Opioid and Non-Opioid Receptor Potentiation.
- Miguel A. Ortiz-Lopez**, Field of Specialization: Biomedical Engineering. Dissertation: Toward Closed-Loop Neuromodulation for Overactive Bladder and Urinary Incontinence: Physiological Sensing, Bladder State Decoding, and Selective Motor Recruitment.
- Derrick A. Ousley**, Field of Specialization: Medicinal Chemistry. Dissertation: Genome and Transcriptome Mining of Macrocyclic Plant Peptide Natural Products for Multi-omics guided Drug Discovery.
- Andrew Davis Outlaw**, Field of Specialization: Medicinal Chemistry. Dissertation: Advancing High-Throughput Experimentation for Reaction Discovery and Development.
- Aadarsh Seth Padiyath**, Field of Specialization: Information. Dissertation: Critical Consciousness in Computing Education: From Theory to Measurement to Practice.
- Angie Pae**, Field of Specialization: Business Administration. Dissertation: Corporate Patent Transfers to Tax Havens.
- Junru Pan**, Field of Specialization: Nutritional Sciences. Dissertation: Exploring the Impact of an Antioxidant Diet with Perinatal Lead Exposure on Maternal and Offspring Health, Metabolic, and Epigenetic Outcomes.
- Juanita Pardo Sanchez**, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: The Cognitive Ecology of *Polistes fuscatus* Paper Wasps.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Chisang Park**, Field of Specialization: Mechanical Engineering. Dissertation: Atomistic Modeling of Loading and Ion Transport of Nanoconfined Salts in Metal-Organic Frameworks.
- Cody Patterson**, Field of Specialization: Applied Physics. Dissertation: Theory of Lightwave Ionics and Photoemission Spectroscopy.
- Akilah Patterson**, Field of Specialization: Health Behavior And Health Education. Dissertation: Belonging in Context: A Multilevel Analysis of Mental Health among Black College Students in the United States.
- Despina Ifigenia Pavlidis**, Field of Specialization: Biomedical Engineering. Dissertation: Engineering a Microporous Hydrogel Scaffold to Improve Human Ovarian Tissue Transplantation Outcomes.
- Wenhao Peng**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Layered Ferroelectric Millimeter-Wave BAW Resonators: Modeling and Validation based on On-Wafer Characterization.
- Carla Marie Buckheit Peralta**, Field of Specialization: Chemical Biology. Dissertation: Insights into Fluoride Channel Assembly and Regulation.
- Natasha Perry**, Field of Specialization: Chemistry. Dissertation: The Total Synthesis and Medicinal Chemistry Exploration of Oleandrin and the Enantioselective Total Synthesis of (-)-Tronocarpine.
- Evan Pangan Petrosky**, Field of Specialization: Physics. Dissertation: Extending the Standard Model: Dark Photons, Dark Sinks, and Singlet-Doublet Dark Matter.
- Adrian Pizano**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Molecular Degradation Mechanisms in Organic Light-Emitting Diodes.
- Pavlo Popov**, Field of Specialization: Psychology. Dissertation: Trait and State: Multiscale Metabolomic Profiling of Cocaine Response in Selectively Bred High- and Low-Responder Rats Using Integrated Expanded-Scope Microdialysis.
- Nii-Boi Quartey**, Field of Specialization: Applied Physics. Dissertation: Mars Magnetotail Current Sheet Dynamics in Multispecies MHD Simulations.
- Alex Abracosa Quizon**, Field of Specialization: Earth and Environmental Sciences. Dissertation: Clumped and Traditional Stable Isotope Proxy Innovations for Paleoclimatic and Paleoceanographic Reconstructions.
- Mashiat Rabbani**, Field of Specialization: Genetics and Genomics. Dissertation: A Genome-scale Program for Building the Sperm Epigenome.
- Vinod Kumar Raman**, Field of Specialization: Statistics. Dissertation: Topics in Learning Theory: Prediction, Estimation, and Partial Information.
- Rahul Ramesh**, Field of Specialization: Aerospace Engineering. Dissertation: Investigation of Combustion Dynamics in Partially Premixed Flames and their Modulation in a Dual Swirl Model Combustor.
- Kelsey Gracian Ramos**, Field of Specialization: Immunology. Dissertation: Molecular Insights Into the Heterogeneity of Food Allergy Anaphylaxis: Exploring the Role of Genetics, Microbiome, and Site-Specific Intestinal Gene Expression.
- Alexander Ramsey**, Field of Specialization: English Language and Literature. Dissertation: Power, Kashmir, and *The Ministry of Utmost Happiness*.
- Elizabeth Randolph**, Field of Specialization: Health Infrastructures and Learning Systems. Dissertation: Maternal Healthcare Provider Burnout in Ghana: Developing Interventions.
- Ryan James Rebernick**, Field of Specialization: Bioinformatics. Dissertation: Clinical Implications of Genomic Discoveries in Pediatric and Adult Malignancies.
- Zhuoying Ren**, Field of Specialization: Pharmacology. Dissertation: Development of CRISPR/Cas9 Mediated *in Vivo* Gene-editing Therapy for Cardiovascular Disease.
- Ryan Andrew Revolinsky**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: 2D Brillouin flow in Crossed-Field Devices.
- Kimberly Ellen-Beers Rice**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Investigation of Fabrication Processes and Device Structures for High Power Density Micro-Thermoelectric Generators Based on Co-Evaporated Thermoelectric Thin Films.
- Nicole Rivera Fuentes**, Field of Specialization: Chemistry. Dissertation: Development of Native Ion Mobility-Mass Spectrometry Methods to Probe the Impact of Chemical Modifications on the Structure and Stability of Antibody-Based Therapeutics.
- Iris Saraeny Rivera Salinas**, Field of Specialization: Environment and Sustainability. Dissertation: Understanding the Role of Diverse Natural Enemy Communities in Herbivore Regulation in Agroecosystems.
- Anna Rizvi-Toner**, Field of Specialization: Clinical Pharmacy Translational Sciences. Dissertation: Oral Anticancer Agents: Self-Efficacy for Managing Symptoms and Healthcare Utilization.
- Darius Robinson**, Field of Specialization: Educational Studies. Dissertation: Supporting the Development of Productive Identities: The Work of Positioning in Mathematics Teaching.
- Samanta Belén Rodríguez**, Field of Specialization: Robotics. Dissertation: Tactile-Centric Representation Learning for Object Manipulation.
- Genesis Rodriguez**, Field of Specialization: Neuroscience. Dissertation: Uncovering Mechanisms of VPS13A Neurodegeneration in Disease Models.
- Davinia Mendoza Rodriguez-Wilhelm**, Field of Specialization: Higher Education. Dissertation: Ambiguity, Strain, and Relationships: How Teachers Navigate Requests for Recommendation Letters.
- Mariana Romero-Gonzalez**, Field of Specialization: Pharmaceutical Sciences. Dissertation: Mechanistically Guided Design of an Inhaled Synergistic Antibiotic Combination Therapy.
- Danielle Rosenscruggs**, Field of Specialization: Psychology. Dissertation: Taming the Impostor: Exploring the Roles of the Impostor Phenomenon and Self-Compassion in Doctoral Education.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Gabrielle M. Rozumek**, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Variants in Myelin Regulatory Factor (MYRF) Disrupt Retinal Pigment Epithelium (RPE) Function and Eye Growth.
- Maxwell Ruckstuhl**, Field of Specialization: Neuroscience and Scientific Computing. Dissertation: Electrophysiological Substates of the Brain in Sleep and Wake.
- Ziad Walid Sabry**, Field of Specialization: Cellular and Molecular Biology. Dissertation: V-ATPase-Driven Lysosomal Activation Orchestrates MEK2-Induced Endothelial Reprogramming.
- Javier Antonio Salazar Cavazos**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Learning Representations from Noisy Data and Brain Imaging: Subspace Modeling for Heteroscedastic Data and Deep Learning for Functional MRI in Alzheimer's Disease.
- Francisco Sanchez-Conde**, Field of Specialization: Pharmacology. Dissertation: hERG1 Nuclear Peptide: Probing a Novel hERG1 Subdomain as a Mechanism of Sudden Death Syndromes.
- Kristen Marion Schuh**, Field of Specialization: Psychology. Dissertation: Regulation of Stress and Depression by Oral Contraceptives.
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- Dandan Shan**, Field of Specialization: Computer Science and Engineering. Dissertation: Understanding and Transferring Human Hand Skills.
- Siqi Shen**, Field of Specialization: Computer Science and Engineering. Dissertation: Towards Knowledge-Enhanced Language Models: Understanding and Integrating Diverse Forms of Knowledge.
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- Claire Elizabeth Shudde**, Field of Specialization: Pharmacology. Dissertation: Cytokine-Independent Activation of STAT5 Promotes the Persistence and Function of CD4+ Regulatory T Cells.
- Georgy Shukaylo**, Field of Specialization: Sport Management. Dissertation: Economic and Policy Dynamics in US College Athletics: Recruiting Investment, Labor Access, and Labor Market Shocks.
- Rachel Silcox**, Field of Specialization: Mechanical Engineering. Dissertation: Modeling and Experimental Evaluation of Electrochemical Reactors for Carbon and Nitrogen Circularity.
- Sanjay Sri Vallabh Singapuram**, Field of Specialization: Computer Science and Engineering. Dissertation: Workload-Aware Offloading: Accelerating Diverse Applications Through Hardware and Software Optimizations.
- Seamus Somerstep**, Field of Specialization: Statistics. Dissertation: A Statistical and Practical Study of Deploying Fair, Safe, and Productive AI.
- Bowen Song**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Foundation Generative Models for Inverse Problems.
- Joey Joon Song**, Field of Specialization: English Language and Literature. Dissertation: Race Event: Uncertainty and Racial Triangulation in Asian American Cultural Production, 2008-present.
- Yao Song**, Field of Specialization: Biostatistics. Dissertation: Developing New Statistical Learning Methods for Optimizing Personalized Dynamic Treatment Decision-Making With Multiple Objectives.
- Archana Sridhar**, Field of Specialization: Aerospace Engineering and Scientific Computing. Dissertation: Turbulence Transport in High-Speed Particle-Laden Flows.
- Kishan Srinivasan**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Accurate Modeling and High Performance Control of Permanent Magnet Synchronous Machines.
- Brendan Lawrence Stassel**, Field of Specialization: Applied Physics. Dissertation: Relativistically Induced Transparency in High Intensity Ultrashort Laser Plasma Interactions.
- Hannah Daniela Steinberg**, Field of Specialization: Epidemiological Science. Dissertation: Healthcare, Carceral, and Community Risks Drive Antibiotic-Resistant Infection Transmission and Disparities in Cook County, IL.
- Sarah Nicole Steiner**, Field of Specialization: Cell and Developmental Biology. Dissertation: Under Pressure: Keratin 9 Regulates Mechanosensitive YAP1 Signaling in the Palmoplantar Epidermis.
- Steph Steltzer**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Hypoxia Inducible Factor 1 α (*Hif1 α*) and Hypoxia in Tendon Development and Disease.
- Yang Hsi Su**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Real-Time Wireless Indoor Localization with Low-Cost Sensor Arrays.
- Unique Subedi**, Field of Specialization: Statistics. Dissertation: Learning Theory in the AI for Science Era: From Classical Foundations to Operator Learning.
- Brendan Mark Sulkowski**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Classification, Detection, and Prediction of Dynamic System Responses for Autonomous Marine Platforms.
- Emily Rose Sumrall**, Field of Specialization: Biophysics. Dissertation: Nanoscale Organization and RNA Interactions in Biomolecular Condensates: Single-Molecule Insights into Diffusion, Phase Separation, and Cellular Stress Response.

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Doctor of Philosophy

- Deji Suolang**, Field of Specialization: Survey and Data Science. Dissertation: Integrating Wearable Sensor Data and Self-Reported Measures Through Mass Imputation to Improve Survey Estimates.
- Christopher Joseph Swenson**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Crossed-Field Amplifier Design, Operation, and Stability.
- Reid Syrydiuk**, Field of Specialization: Movement Science. Dissertation: Sport-Related Concussions and Self-Reported Health During and Following a Collegiate Football Career.
- Nasya Tan**, Field of Specialization: Epidemiological Science. Dissertation: Social Determinants of Health and Mortality among Aging Adults with Hearing Loss in the United States.
- Hisham Temmar**, Field of Specialization: Biomedical Engineering. Dissertation: Machine Learning for Robust Intracortical Brain-Machine Interface.
- Pariyamon Thaprawat**, Field of Specialization: Microbiology and Immunology. Dissertation: *Toxoplasma gondii* Autophagy and Chronic Infection.
- Robert Michael Theisen**, Field of Specialization: Biomedical Engineering. Dissertation: A Systems Approach to Elucidate Mechanisms of Fc-mediated Antibody Effector Functions in Infectious Disease.
- Brian Dat Tran**, Field of Specialization: Pharmacology. Dissertation: The Pleiotropic Role of Protein Phosphatase 2A in Neuroblastoma.
- Sydney Ella-Camille Tunstall**, Field of Specialization: English and Women's and Gender Studies. Dissertation: The Craft of Crisis: Black Lesbian Cultural Production, Genre, and World-Making.
- Cassandra D. Turner**, Field of Specialization: Health Infrastructures and Learning Systems and Scientific Computing. Dissertation: A Learning Health Systems Approach to Equitable Access to Weight Management and Type 2 Diabetes Prevention Interventions for Adults with Obesity.
- Thatchayut Unjitwattana**, Field of Specialization: Biomedical Engineering. Dissertation: Precision Medicine with Single-Cell and Spatial Transcriptomics: Applications to Preeclampsia.
- Victoria Valvo**, Field of Specialization: Cancer Biology. Dissertation: PARP Inhibitors Enhance Radiation-Induced Type 1 Interferon Signaling and Sensitize Pancreatic Cancer to Immunotherapy.
- Mark Jacob Van der Merwe**, Field of Specialization: Robotics. Dissertation: Joint Deformation and Contact Reasoning for Robotic Manipulation.
- Maria Carmen Varela**, Field of Specialization: Neuroscience. Dissertation: Interrogating Mechanisms of SLC6A1-Associated Epilepsy Using Human Medial Ganglionic Eminence Organoids.
- Luis Alonso Vázquez-Rivera**, Field of Specialization: Chemical Biology. Dissertation: Engineering Next-Generation Chemically Activated Protein Domains for Chemogenetic Peptide Control.
- Vishnu Vijayasankar**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Convergence in Marine Energy Converter Development: Design, Experimental Validation, and Community Engagement.
- Lu Vy**, Field of Specialization: Applied and Interdisciplinary Mathematics. Dissertation: Optimal Transport and Informed Trading.
- Katie Waddle**, Field of Specialization: Mathematics. Dissertation: Friezes and Geometry.
- Marie Clare Walicki**, Field of Specialization: Neuroscience. Dissertation: Investigation of Delta Opioid Receptor Signaling on Parvalbumin Interneurons.
- Dylan Michael Wallace**, Field of Specialization: Robotics. Dissertation: Toward Improved Neuroprosthetic Control of Multiple Degrees of Freedom for Fingers and Wrist via Implanted Neural Interfaces.
- Gunseli Wallace**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Otic Capsule Lipidomics Profiling Reveals Insights into Hearing and the Response to Noise.
- Binyu Wang**, Field of Specialization: Chemical Engineering. Dissertation: Corrugated Blue OLEDs with Double the Operating Lifetime and Efficiency.
- Yifan Wang**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Advancing Early Diagnosis: Reinforcement Learning and Generative Model Approaches for Disease Progression Prediction and Beyond.
- Yuanchen Wang**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Experimental Investigation and Queueing Network Modeling of Human Performance in Robot Target Prediction.
- Rose Wang**, Field of Specialization: Psychology. Dissertation: Understanding Trust Across Development: Psychological Mechanisms, Computational Insights, and Implications.
- Jitao Wang**, Field of Specialization: Biostatistics. Dissertation: Reinforcement Learning for Interventional Mobile Health: Non-stationarity, Mediation, and Fairness Considerations.
- Mackenzie Marian Warwick**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: The Effect of a Tensile-Stress on the Multi-Length-Scale Microstructural Evolution in Thermal and Ion Irradiation Creep of 316L Stainless Steel.
- Youngsun Wi**, Field of Specialization: Robotics. Dissertation: Representation Learning for Contact-rich and Dexterous Manipulation with Force and Touch.
- Rebecca Lauren Williams**, Field of Specialization: Nursing. Dissertation: Interrelationships Among Frontline Nurse Leaders' Leadership Behaviors, Innovation Climate, and Staff Nurse Innovative Behavior in Acute Care Settings.
- Katie Winner**, Field of Specialization: Microbiology and Immunology. Dissertation: Anti-Anaerobic Antibiotics, Gut Microbiota, and Sepsis-associated Acute Kidney Injury.

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Doctor of Philosophy

- Clement Wong**, Field of Specialization: Mechanical Engineering. Dissertation: Modeling and Methods for State of Health and State of Safety Assessment for Grid-Connected Battery Systems.
- Christopher Woodley**, Field of Specialization: Chemistry. Dissertation: Increasing Chemical and Mechanical Electrode Stability Through Structural Modifications in Next Generation Battery Materials.
- Luke David Wormald**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Quantum-Inspired CMOS Computing: Leveraging Physics to Solve Complex Optimization Problems with Mixed-Signal Circuits.
- Xian Wu**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Modelling and Optimization of Ocean Wave-Powered Reverse Osmosis (RO) Desalination.
- Wade Wu**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Coulomb-Enhanced Multiphoton Processes in Quantum Materials.
- Yuchen Wu**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Investigating Molecular Behaviors at Buried Interfaces in Polymer Adhesives, Vaccines, and Lithium-ion Battery in Situ.
- Tiffany Wu**, Field of Specialization: Education and Psychology. Dissertation: Showing Up is Half the Battle: Leveraging Machine Learning, Measurement, and Causal Inference to Improve PK-12 Student Attendance.
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- Wenxin Xie**, Field of Specialization: Genetics and Genomics. Dissertation: ZCWPW1 Organizes Telomeric Architecture to Drive Meiotic Chromosome Movements.
- Fang Xie**, Field of Specialization: Pharmaceutical Sciences. Dissertation: Nanodisc-based Antigen-specific Therapy against Type 1 Diabetes.
- Yifan Xu**, Field of Specialization: Civil Engineering. Dissertation: Scaling Assistive Intelligence: A Multimodal Framework for Assistive Robotics in Indoor Built Environments.
- Zhengqi Xu**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Slepian Beamforming Receiver Circuits and Systems.
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- Robin Zhexuan Yan**, Field of Specialization: Mechanical Engineering. Dissertation: Topology Optimization of Multiple Degree-of-Freedom Breakaway Structures.
- Yongyi Yang**, Field of Specialization: Computer Science and Engineering. Dissertation: Structures in Deep Learning: Representations, Learning Dynamics, and Efficient Algorithms.
- Zhefan Ye**, Field of Specialization: Computer Science and Engineering. Dissertation: Crowd-in-the-Loop Reinforcement Learning.
- Suji Ye**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Exploring the Role of Calcium Signaling and Ceramide in Plant immunity.
- Trevor Justin Yeh**, Field of Specialization: Biophysics. Dissertation: How to Break a Transporter: Single-Molecule Kinetics Reveal Mutant-Specific Pathologies of a Guanidinium Exporter.
- Jamie Lee Yellowtail**, Field of Specialization: Psychology. Dissertation: Community Blaming: A Consequential Attribution of Sexual Violence Against Native Women.
- Xili Yi**, Field of Specialization: Robotics. Dissertation: Prehensile Contact Modeling and Perception for Dexterous Manipulation.
- Yulin Yu**, Field of Specialization: Information. Dissertation: The Future of Creativity: Exploring How Novel Uses of Data and AI Shape Innovation - A Quantitative Approach.
- Yufan Yue**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Domain Specific Accelerator and System-on-Chip Designs for Wireless Communication and Data Processing.
- Xiong Zeng**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Some Statistical Fundamental Limits of Learning for Dynamics and Control with Insights for Future Algorithms.
- Frederick Zhang**, Field of Specialization: Computer Science and Engineering. Dissertation: Events, Discourse and Personalization: On Challenges and Methods in Computational Narrative Understanding.
- Xuechen Zhang**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Beyond Scaling: Principled Methods for Efficient and Effective Reasoning in Language Models.
- Yuning Zhang**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: New Analytical Solutions for Fracture Mechanics Characterization of Dissimilar Material Joints for Enabling Multi-Material Lightweight Structures.
- Zhijia Zhang**, Field of Specialization: Electrical and Computer Engineering. Dissertation: Single Particle Observations of CRISPR Nanoplasmonic Carriers.
- Jackie Zijing Zhang**, Field of Specialization: Materials Science and Engineering. Dissertation: Synthesis and Photophysical Properties of Silsesquioxane and Siloxane Based Polymers/Oligomers.
- Asa Chen Zhang**, Field of Specialization: English Language and Literature. Dissertation: Translation Un/Bound: Transnational Ideologies and Orientalist Forms in Modernist Poetry, 1895-1955.
- Xin Zhang**, Field of Specialization: Environmental Health Sciences and Scientific Computing. Dissertation: Wearable Sensor-based Observation of Noise Impact on Cardiovascular and Auditory Systems (SONICA).
- Ruheng Zhao**, Field of Specialization: Medicinal Chemistry. Dissertation: Developing Multidimensional Paradigms of Amine-Acid Coupling for Carbon-Carbon Bond Construction.

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Doctor of Philosophy

Qinan Zhou, Field of Specialization: Mechanical Engineering. Dissertation: Integrated Data-Driven and Physics-Guided Frameworks for Degradation Monitoring of Battery Modules with Parallel-Connected Cells.

Xiaoshan Zhou, Field of Specialization: Civil Engineering. Dissertation: Towards Embodied and Metacognitive Artificial Intelligence in Human-Robot-Infrastructure Interaction.

Xingwu Zhou, Field of Specialization: Pharmaceutical Sciences. Dissertation: Designer STING-activating Metalloimmunotherapies.

Ruiyang Zhu, Field of Specialization: Computer Science and Engineering. Dissertation: Toward Robust and Scalable Collaborative Sensing for Connected and Autonomous Vehicles.

Chuyi Zhu, Field of Specialization: Music: Musicology. Dissertation: Enacting Tujia *Kujia* (Bridal Lamentation) as Emotion, Heritage, and Capital in Contemporary China.

Cassie Zuckerman, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Investigation of Shelterin Complex Assembly at *C. elegans* Telomeres and Structural Characterization of a Novel Centrosomal Protein Complex Critical for Mammalian Sperm Development.

Annus Zulfiqar, Field of Specialization: Computer Science and Engineering. Dissertation: Rearchitecting the End Host Network for the Terabit Per Second Era.

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Computational Discovery and Engineering

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Chemical Biology

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Ufuk Gulgar
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Lukas Hazen-Bushbaker
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Adina Elizabeth Kestenbaum
Shardul Kher
Kabir Faiz Khwaja
Ethan Kolby

COLLEGE OF ENGINEERING

Master of Science in Engineering

Aerospace Engineering

Ethan Victor Landt
Chih-Hsuan Li
Yipeng Liu
Matthew Wilder Ludlow
Samuel Mfumu Lumbala
Robert Moe Macpherson
Saloni Malviya
Liam Daniel McCarthy
Christopher John McCullough
Moise R. Mouyebe
Devin James Mroz
Aditya Musaddi
Vijai Venkatesh Natarajan Ganesh Babu
Noah Negron
Adrian Nomi
Liam Patrick O'Driscoll
Jsiel Jesus Oliva
Chase Steven Orvis
Atharva Pandit
Kristian Chavdarov Popov
Shubham Rath
Spencer Isaac Rosenblum
Ashley Patricia Ruder
Huston Scharnagl
Madhav Sehgal
Tao Sevigny
Mihir Shaik
Pranjal Sharma
Anto Snowfen Siluvai Raja
Ian Preston Strehle
Kuang Sun
Shivani Sunil
Ajay Suresh
Achinth Suresh Babu
Saikrishna Swaminathan
Chinmoy Tarafder
Nick Tokmantsev
Oliver J. Van Note
Elise Claire Vecasey
William Charles Vogel IV
Ken Jacob Weintraub
Brandon Williamson
Ryan Yang
Andrew Runchuan Zhao
Junpeng Zhou

Biomedical Engineering

Siyi Chen
Diana Karosas
Riley McDonald
Tara Vera Ahmed
Joseph William Antrim
Agniva Bhaumik
Dominic Jacob Bonasse
Emma Claire Camp

Lexi Chartrand
Lauren Faith Collins
Mai Huong Doan
Michael Ferguson
Faith Wairimu Gacheru
Hanyu Gan
Hank Magnan Greeves
Yiou Jiang
Ninad P. Kamath
Kathryn Jaemin Kim
Sonia Kore
Abhiram Sai Kunamneni
Jiyang Liu
Colby Thomas Peplinski
Rithik Chandra Puri
Keturah M. Pustay
Zoe Ann Rosenfeld
Kristina Maria Soiland
Brandon Kainoa Vavul
Ningjun Wang
Cole Orion Weber

Chemical Engineering

Sajib Barua
Yu-Shu Cheng
Sila Donmez
Chen-Hao Kao
Yun-Huai Kuo
Marcos Lora
Jack Pezzillo
Jocelyn Phung
Aditya Ram Pradhan
Sean Robinson
Jared Shi
Joaquina Fiorella Somma Valdez
Abigail Spangler
Quang Minh Vuong
Benjamin William Walls
Xiangyu Wu

Civil Engineering

Muhammad Siddiq Abdulloh
Khikmatullokh Akhmedov
Pavani Hagevik Anand
Diana Barriga
Yuzhou Chen
Andrew Hardy
Charles Yang He
Luke Alban Herberger
Jai Kedia
Kristen Kwan
Ruo Lan
Kaming Leung
Madylin Belle McLean
Raili Rose Nelson
Emma Norraian
Kieran Parikh

Jose Sapriza
Aaron Eli Sugarman
Binyu Wang
Andrew James Wohlford
Shuxuan Yuan

Computer Science and Engineering

Tobias Alam
Shourya Bansal
Aaron Bartlett
Alexander Dean Bartolozzi
Joshua Darren Brodsky
Albert Cao
Siddharth Chavan
Nishant Mikhail Dash
Jacob Fisher Eggerd
Sami U. Fayyad
Zim Gong
Logan Sie-Cheung Green
Sicong Guo
Prakhar Gupta
Madison Marie Heyer
Joshua Hsueh
Yuxuan Jiang
Ritij Jutur
Vishnu Muthukkaruppan Kannan
Lucas Kellar
Mohammadali Kodeih
Hanning Li
Tejas Shashi Maire
Kristine Soohyun McLaughlin
Brian McNulty
Nitya Mittal
Tanush Mittal
Esha Reddy Munagala
Luke David Nelson
Joshua Anthony Nigrelli
John Oyer
Aakash Puntambekar
Lani Ngoc Quach
Pranav Reddy Rakasi
Rishi Pavanaj Rallapalli
Conner Nobuyuki Rose
Mushtari Sadia
Ben Schattinger
Matthew Ronald Schumacher
Rishith Reddy Seelam
Arnav Tushar Shah
Garv Devang Shah
Sydney Shanahan
Ethan K. Sun
Maksim D. Sviridov
Uyгур Tepe
Dimash Umirbayev
Naveen Unnikrishnan
Henry Thomas Wagner

COLLEGE OF ENGINEERING

Master of Science in Engineering

Computer Science and Engineering

Andrew Shi Wang
Jenny Xu
Xiaochi Yang
Nathan Chising Yap
Alan Borong Zhang
Eric Zhao
Linzhen Zhu

Construction Engineering and Management

Daniel Bagryantsev
Mohammed Gealani
Ayesha Patel

Electrical and Computer Engineering

Lars Peter Andersland
Alyssa Jane Anderson
Akshita Arora
Jacob Richard Avery
Aden Robert Bergstresser
Swapnil Bhole
Hanlin Bi
Jack McGowan Brady
Landon M. Butcher
Liam Daniel Callihan
Lanzheng Cao
Peng-Chen Chen
Cadin Cross
Chenhan Dai
Andrew John Dailey
Yi Dong
Callen Edgar Fields
Sravya Vahini Ganti
Yuxuan Gao
Luyun Guo
Holden Andrew Halucha
Hao Han
Yuehan He
Noah Holdridge
Yingrui Huang
Jieling Jiang
Tianyi Jiang
Bruce Jin
Andrew Paul Keil
Nolan Jason Kosnic
Arvind Madhu Kutirakulam
Yipu Liao
Jheng-Yi Lin
Amy Liu
Chang Liu
Xiangyu Liu
Yuanhao Liu
Shize Lu
Tiantian Lu

William Joseph Mahoney V
John Edward McCloskey III
Ansh Mehta
Samit Mohapatra
Finn Moore
Akshaya Naapa Ramesh
Harshit Nanda
Yahya Naveed
Yuxi Peng
Luca Porta
Alexander Jacob Prater
Ronghui Qi
Zhuohan Qiu
Sanjana Raghavan
Christian David Reed
Atharv Relekar
Jacob Scott Root
Aida Bo Ruan
Danny Winston Samuel
Michael W. Sharashenidze
Jeremy Mingjie Shen
Davis William Vaughan Sheppard
Zhongqi Shi
Biro Shin
Zo-Vic Shong
Nate Sochocki
Kuanyou Sun
Anthony Z. Tan
Ashton Edward Thomas
Thanh Long Tran Trong
Thomas Marshall Vielmetti
Isabel Wang
Ruyao Wang
Yiting Wang
Zheng Wang
Szu-Kai Wu
Rui Xu
Aileen Yan
Xiangzhong Ye
Zihao Ye
Kevin Yin
Tahseen Sami Younus
Zhijia Zhang
Peter Zhao
Ding Zhong
Hefeng Zhou
Zhiyu Zhou
Kangning Zou

Environmental Engineering

Garrett Morgan Alston
Owen Baldwin
Alana Blythe Boelter
Mariana Isabel Fernández Correa
Jackson David Frankel
Gauri Siddhesh Jere
Bianna Celtica Jiménez

Janie Kim
Jenna C. Kutscher
Hailey Catherine Luke
Abigail Monahan
Adam Nix
Lily Rose Pegg
Patrick Charles Periard
Olivia Mary Sherman
Charles Luther Justice Smith
Martin Tan
Xiaojun Tang
Tess Teodoro
Evan Alexander Zalek

Industrial and Operations Engineering

Sinan Mohammad Abdulhak
Ruba Agour
Amanullah Azim
Isha Bhagat
Anerudh Bharani
Keiran Matthew Boerema
Tyler Nash Bush
Jorge Cruz-Muniz
Daniel J. D'Arrigo
Luca Giancarlo Diomedea
Reilly Erin Hanson
Matthew Karl Heal-Kowal
Lucas David Hissong
Anna Lei Ji
Zhiheng Jiang
Catherine Julia Kautz
Kiersten Anne Koning
Andrea Brynn Kowalski
Félix Andrés Báez Liu
Maya Jessica Astrid Mileski
David Joel Nemmert
Luis Pacheco
Cora Pomaranski
Grace Elizabeth Robertson
Renjian Ruan
Kian Julian Sandoval
Madeleine Gabrielle Shinder
Nicholas Robert Smith
Aadithyan Sai Subramanniann
Eunice Wu
Aimeng Yang

Materials Science and Engineering

Joshua Frederick Carlson
Tianyang Chen
Sz-Yu Chien
Yixiang Covell
Raylan Jiao
Ruochong Lin
Dale Mouton

COLLEGE OF ENGINEERING

Master of Science in Engineering

Materials Science and Engineering

Jeremy Schwartz
Elizabeth Reiko Troia
Victor Adam Vogt
Dashal Judson Womack
Cheng-Han Wu

Mechanical Engineering

Opeyemi Emmanuel Akinniyi
Alexander Joe Arnold
Akshita Arora
Manas Asija
Janel Asmar
Aditya Badgujar
Simran Reeti Bagri
Arbaz Baig
Magdalia Campobasso
Aldo Chipana
Ben Delduca
Peichen Fang
Kaelyn Felice Fenstermacher
Jack William Fredrickson
Ashley Elizabeth Goodrich
Arkady Grunin
Jiahao Han
Aditya Sameer Hasabnis
Brendan John Hessling
Luke Michael Hetrick
Ben Houle
Ivan Iovtchev
Vishnuvardhan Iyengar
Hrushikesh Jadhav
Oliver Janoušek
Yunxiang Jin
Neel Deepak Karani
Bjorn Kierulf
Tavi H. Kipnis
Swaraj Kokatam
Vance Elliott Kreider
Mrunmayee Kulkarni
Shreyas Kulkarni
Rudy David Lee

Charlie Lenk
Tiantian Li
Zhi Li
Yipeng Liu
Leo Liu
Dimitri Luhning
Siddhant Makkar
Marisa May
Matt McMullen
Keertheekesh Nadar
Atharva Nagarkar
Pape Ndao
Minh Quoc Nguyen
Keegan T. Nugent
Chiamaka Odenigbo
William Isten Olenich
Mukul Pandey
Bhumi Kirankumar Patel
Kush Patel
Rohan Patil
Devavrath Raghunath
Suhasini Ramshankar
Joe Sagan
Sagar Sandeep Save
Owen Brunetti Sayer
Aaryan Shah
Benjamin Sison
Guruprasad Srikrishnan
Jiatong Sun
Aditya Swarnkar
Ella Rose Taub
Raghav Tripathi
Matthew Tsui
Shaandili Vajpai
Abigail R. Van Noord
Arend Micah Vyn
Erik William Wahr
Dapeng Wang
Yuehan Wang
Junah Rohan Whitelocke
Poom Wichitrakanlikit
Clement Wong

Josiah Y. Wong
Jingxi Xia
Ruidan Xu
Gyusang Yu
Shrujal Rajesh Zala
Yanrong Zhao
Zhifeng Zheng

Naval Architecture and Marine Engineering

Nathaniel Michael Clemett
Natalie Farrell
Hayden Frey
Casey Gale
Yun-Hao Han
Alexander J. Jager
Tsimafei Lazouski
Ethan Lin
Molly Nicole Myllyoja
Emma Elaine Pettigrew
Ian Rosenberg
Joe Sagan
Sirawit Shimpalee
Chelsea Sun

Nuclear Engineering and Radiological Sciences

Ben Arms
Joseph Brown
Caleb Matthew Bush
Diana Cambero Inda
Po-Tao Chang
Joseph Jonathan Croteau
Carly Evans
Evan Eric Mahler
Md Mashrafi
Joe Murphy
Aryan Ojha
Milo Timothy Parrott
Charles Francis Peterson
Lada Protcheva
Lewin Shen
George Sun

MARSAL FAMILY SCHOOL OF EDUCATION

Founded in 1921, Elizabeth Birr Moje, Dean

Certificate of Graduate Studies

Learning Experience Design

Saffia Almahmoud
Khoa Nguyen

Lorena Rivera Rincón
Caihui Sun
Wanting Wu

Yujia Xiang
Xinyue Xu
Hongrui Yuan

MARSAL FAMILY SCHOOL OF EDUCATION

Master of Arts

Educational Leadership and Policy

Jessica Alvarez
Emily Atkinson
Camyrea Elyse Barnes
Brittany Michelle Cook
Taylor MacKenzie
Sylvia Anne Maehr
Marissa Oquendo
Courtney Parker
Zhe Su

Educational Studies

Saffia Almahmoud
Emily Barbour
Serena Cadena

Bella Grace Crayton
Amanda Demmerle
John Dwaihy
Marvin Gregory English
Lauren Paige Goodmurphy
Mary Hamilton
Derek Jones
Jason Karim Manassa
Malak Hassan Osman
Robyn Lynnette Raimy
Lorena Rivera Rincón
Azalea Roman
Jacob Franklin James Roodvoets
Caihui Sun
De-Ying Sun

Ying Sun
Wanting Wu
Yujia Xiang
Xinyue Xu
Hongrui Yuan
Youyou Zhang
Yueyao Zhang
Mary Ziegler

Higher Education

Antonio Junior-Robins
Zhangxu Kang
Alec Morrissey
Ashley Parker
Emmanuel Barrington Pickens
Abu Hasan Sajili

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

Founded in 1927, Jonathan T. Overpeck, Samuel A. Graham Dean

Certificate of Graduate Studies

Environmental Justice

Savannah Marie Sturla Irizarry

Spatial Analysis

Allison Smith
Simon Wu

Master of Landscape Architecture

Landscape Architecture

Emily Carra
Roberto Carriedo Ostos
Xingyan Chen
Devin Derr
Paige Hughart
Marsalis Jolley

Leah Kauffman
Stevie Lehman
Anya Nona
John Slinkman
Jessica M. Soulliere
Weizhe Tang
Zeyu Wang

Sumire Yamada
Kunyu Yang
Mengran Yin
Minxuan Zhang
Yifanzi Zhu
Zekai Zhu
Yunjia Zou

Master of Science

Environment and Sustainability

George Ackerman
Elissa Ruth Adamson
Sarah Allen
Milan Pauline Anderson
Amanda Arendt
Brendan C. Arnold
Eleanor A. Aro
Alexandra Audia
Coral Avery
Sarah Backstrand
Blair Elizabeth Baeten

Owen Baldwin
Kristen Bashen
Geoffrey Batterbee
Jiangpan Bian
Leah Bieniak
Keeton Kamil Bigham-Tsai
Kelly Biscoglia
Zoë Bishop
John Blake
Emily Blenck
Travis Blume
Myrcella-Selene Bowen

Camryn Brent
Claire Addison Briglio
Lily Buckley
Tyler Bunday
Magdalia Campobasso
Roberto Carriedo Ostos
Zach Cavanaugh
Kejia Chen
Paul Cirillo
Kate Cochran
Marianna Coelho Uchoa
Tristan Montgomery Compton

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

Master of Science

Environment and Sustainability

Daniela Antonia Cruciani
Maryn Anna Cunningham
Bridget Damon
Brad Davis
Jack Day
Jimena de la Fuente Ramirez
Ben DeVries
Megan DiFranco
Dunya Diyadawagamage
Bennett Rockwell Doherty
Amina Dunn
Huong Giang Duong
Dewa Made Dwi Parmana
Natalie C. Dwortz
Mckayla Rose Dzyngel
Anisa Farrell
Dillon Daniel Foster
Brendan Francolini
Olivia Freer
Shaman T. Garcia
Yuuki Garcia
Sarah George
Jeremy Goldberg
Ilana Greenspan
Yaxuan Guo
Madisyn Guza
Hannah Hale
Radhika Handa
Fynn Haney
Samantha Harman
Tiffany Nicole Harris
Xinrui He
Bridget Hennessy
Jia Jhen Ho
Kenneth Law Ho
Yixin Hu
Zhiqing Huang
Paige Hughart
Camryn Hurley
Daniela Ifju
Rezwana Islam
Seth Jarrett
Jade Jin
Brett Christian Johnson
Paul Jonas
Lauren Delaney Jones
Sofia Isabella Jordan
Shreya Joshi
Taylor Juleen
Maithilee Kanthi
Chen-Hao Kao
Ruth Kazmerzak
Mary Kelly
Maya Khesin
Yejin Kim
MacKensey King

Meredith King
Kathryn Maureen Kowal
Emma Rose Kubitz
Eryn Ladendorf-Lilly
Olivia Faye Laforce
Tosin Lawal
Aberdeen Leary
Sofia Ledeneva
Stevie Lehman
Angela Lembang
Charlie Lenk
Dani Levy
Melissa A. Lewis
Keyan Li
Teresa Li
Stella Li
Yun Li
Sil Liu
Eleanor Elizabeth-Gerard Livingston
Kevin Losee
Isabela Del Carmen Miñana
Lovelace
Zhao Lu
Sydney Thomas Lubeck
Paige Lund
Grace Luo
Siyu Luo
Linnea Lyons
Bibi Macías
Rebecca Macies
Tessa Rose Magsoudi
Renee Magyar
Alex Maxwell
Anna Logan McClendon
Sarah Meadows
Treye Jersey Meadows
Ruilin Meng
Anagha Menon
Andy Metz
Jenny Miller
Ashutosh Mirashe
Shreya Mishra
Marcus Missirlian
Alyssa Morgan Murphy
Jasmine Neosh
Natalie Marie Neumann
Claire Elyse Newman
Natalie Audrey Nieman
Adriana Carolina Nieto
Anya Nona
Emma Noraian
Yoga Nugroho
Cooper Offord
Peishan Ouyang
Kunjai Parnami
Nathan Parr
Sachi Patil

Anna Rose Peppet
Paula Perez Cassidy
Laurel Olivia Petrides
Kade Phoonsiri
Riley Pohlman
Cole Prescott
Eliana Joy Provizer
Xu Qiang
Arjun Ramachandran
Craig Reiley
Megan Elizabeth Roe
Jonathan Antonio Rosales
Alex Rosevelt
Peter Rubin
Gus Rytting
Xingning Sa
Maria Sandoval
Naajia Ikhlas Shakir
Mel Shea
Chelsea Silber
Elisabeth Sinclair
Christine Sit
Melika Sizar
Allison Smith
Arielle Smith
Olivia Smyth
Zechen Song
Jessica M. Soulliere
Mollie Jo Stadlin
Major Stevens
Bionca Stewart
Sabrina Marie Sugg
Mujie Sui
Aditya Swarnkar
Qia Tan
Martin Tan
Devon Thompson
Justin Thompson
Annika Throne
Aohua Tian
Shannon Turner
Lisa Vaiman
Andrew van Baal
Shea Vincenza Vatalaro
Edgar Israel Venegas, Jr.
Sakshi Venkateswaran
Matthew Walsh
Hantao Wang
Hanyang Wang
Roxanne Wang
Samantha Wheelis
Jerome Ronnie Williams
Bonny Wysocki
Zijuan Xiao
Qian Xu
Tianqi Xu
Sumire Yamada

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

Master of Science

Environment and Sustainability

Fuyao Yang
Aaron Yang
Kunyu Yang
Alice Yeom

Mengran Yin
Jianshen Yu
Pei-hua Yu
Ethan Zerger
Jenny Zhang

Shaoying Zheng
Jiaying Zhou
Yifanzi Zhu
Zekai Zhu
Bojun Zong

SCHOOL OF MUSIC, THEATRE & DANCE

Founded in 1929, David A. Gier, Dean

Certificate of Graduate Studies

Arts Entrepreneurship and Leadership

Shihan Lin
Sean McManus
Harry Xie

Master of Arts

Media Arts

Jae Hoon Kim
Sasha Semina

Master of Fine Arts

Dance

Kiana Cook
Scott A. Crandall
Ginny Jiang

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1931, Jonathan Massey, Dean

Certificate of Graduate Studies

Healthy Cities

Jose Pelaez
Kaitlin Smith
Justin Thompson
Hui Zhu

Real Estate Development

Ellie Bain
Mayson Chun
Ava F. Class

Lachlan McNeil
Katharine Bode Merrifield
James Sotiroff

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Master of Science

Architecture

Juliette Nora Zidek

Master of Urban and Regional Planning

Urban and Regional Planning

Arwa Aldulaimy
Abdulrahman Alhasni
Farozan Ishtiyaque Ahmad Ansari
Chelsea Arenas
Ellie Bain
Geoffrey Batterbee
Tanner Beals
Emma Berger
Claire Addison Briglio
Shengrui Chang
Elyse Cote
Bridget Damon
Yuyang Ding
Amina Dunn
Ali Hussein Elatrache

Nate Fisher
Rebecca Griswold
Kristin Janine Hollenbeck
Alex Hull
Jordan M. Hunter
Alana Hutka
Subah Iqbal
Nathan Jindra
Camille Johnson
Saloni Kapoor
Gembong Kurniadi
Makenna Litteral
Chen Lyu
Renee Magyar
Rubin Malik
Irene Nguyen

Nivedita Patel
Jade Prange
Isabella Reardon Ramos
Alisa Sehgal
Shuyang Shi
Jeewon Su
Xiaoyu Tao
Jaylyn D. Taylor
Junyi Wang
Xilong Wang
Xuan Wang
Jessie Williams
Meilin Yang
Rongjia Zhang
Qingyu Zhou

SCHOOL OF PUBLIC HEALTH

Founded in 1941, Lynda Lisabeth, Interim Dean

Master of Science

Biostatistics

Gabriel Alwan
Rachel Assaf
Yating Bo
Jingyi Chen
Sihan Chen
Maddy Critchell
Thejasvi Dhanireddy
Shuoyuan Gao
Brian Ge
Jennifer Zhao Guo
Sakshi Jain
Kaixiang Jiao
Megan Kern
Isha Khapre
Xavier Lee
Jiayan Li
Jingze Li
Keying Li
Cindy Li
Zian Lin
Jackie Lindstrom
Anyan Liu

Donglin Liu
Tom Liu
Tong Liu
Kevin Lu
Zoe Lu
Mackenzie Mueller
Maria Murphy
Prathibha Muthukumara Prasanna
Wenxin Ni
Ria Noble
Liz Orraca
Haosheng Pu
Arundhati Rajan
Grace Richards
Alexandra Schmalzel
Yulin Shao
Shuyue Si
Jialiang Song
Weiying Sun
Samuel Tan
Suyuan Wang
Ya Wang
Yifan Wang

Yingzhen Wang
Zhenyu Wang
You Wu
Jackie Xu
Yuantong Xu
Ziyan Xu
Hongye Xuan
Meijie Yue
Xincheng Zeng
Jinyan Zha Zha
Junyi Zhang
Ruoyi Zhang
Xin Zhang
Xinyuan Zhang
Zhe Zhang
Connie Zhao
Yichen Zhao
Alena Zheng
Yanbing Zhong
Xingyou Zhou
Chenxi Zhu
Wenxuan Zhu

SCHOOL OF PUBLIC HEALTH

Master of Science

Computational Epidemiology and Systems Modeling

Violette Bonvallet
Lynle Hayes
Reiden L. Magdaleno
Olivia Roberts
Nate Truettner

Environmental Health Sciences

Kirsten Andrews
Natalia Cherner
Kenedi Clinton
Natalie Conti
Albert Eui-Sun Shim

Epidemiological Science

Renie Mellen
Katie Winner

Health Data Science

Yanan Fang
Wenjie Han
Jintong Hong
Jiawei Ji
Neo Kok
Kelly Li
Nandhana Nambi
Miranda Qinglan Ouyang
Ruicong Peng
Yu Qing
Joey Qiu
Medha Srikanth Rao
Junzhe Shen
Indhira Vadivel
Kai Wei
Guanyi Wu

Haowen Wu
Yana Xu
Yilin Yan
Haoyang Zhou
Guli Zhu
Yile Zhu
Yiqiao Zhu

Nutritional Sciences

Emily Endo
Tzu-Ching Hsu

Toxicology

Nithika Ramalingam

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Laurence B. Alexander, Chancellor

COLLEGE OF ARTS, SCIENCES & EDUCATION

Master of Arts in Arts Administration

Erin Evans-Leonard
Nicole M. McDowell

Jacqueline B. Muth
KT V. Robinson

Master of Arts in Liberal Studies

Alexis T. Johnson
Brianna S. Kennedy

Jon'Tise B. Lewis
Tom Peterson

Danielle B. Trent

Master of Public Administration

Sarah N. Gilstorf
Christine Gurzick
Natalie Minzey
Lisa Owusu Sekyere
Jillian Smith

Kenyada S. Smithers
Olivia R. Stachowicz
Stephanie L. Stevens
Andrew C. Tolles
Amanda M. Valente-Confer

Tiffany M. Walsh
Hunter R. Weeder
Aita Wellington
Abbey E. Wright-Geddes

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1959, Gabriella Scarlatta, Interim Chancellor

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Doctor of Philosophy

Industrial & Systems Engineering

Wael Hassanieh
Zifei Wang

PENNY W. STAMPS SCHOOL OF ART & DESIGN

Founded in 1974, Carlos Francisco Jackson, Dean

Master of Fine Arts

Art

River Berry
Michelle Cieloszczyk

Zoë Jill Dong
Fiona Hoffer
Michael King, Jr.

Mike Martin
Sujay Saple

SCHOOL OF KINESIOLOGY

Founded in 2008, Lori Ploutz-Snyder, Dean

Certificate of Graduate Studies

Physical Activity and Nutrition

Reyna Danielle Guggino
Cory Lutz

Master of Science

Athletic Training

Zitao Fan
Andrew John Hedberg
Lina Joy Heinzmann

Elise Markham
Alexander Douglas Melnyk
Dylan R. Mondschein
Jack Michael Panagrossi
Lilyrose Hilary Parker

Anjali Shah
Mariah-Sydney Steele
Torri Lynn Towles
Trinity Vincent

Master of Science

Movement Science

Reyna Danielle Guggino
Julia Leskow
Cory Lutz

Layla Lynch
Meggie Murphy
Skylar MacKenzie Reynolds
Izzy Smith

Becca Tuska
William Chongpeng Wang

SCHOOL OF KINESIOLOGY

Master of Science

Sport Management

Caiden Baxter
Courtney Bessell
Blake Simon Bolen
Eli Bride
Melanie Bristoll
Phyllis Haoyu Chen
Minjee Choi
Eliot Dubick
Jonathan Franchi
Rebecca Margaret Gerfen

Jack Goldstein
Alex Guy-Bing
Imogen Ruth Hennell
MinHwan Jung
Ji Hyuk Kang
Cadence Lee
Lang Luo
Yuetong Lyu
Zoe Ruffin
Katey Salogar
Taylor Mackenzie Selfridge

Jacob Pollack Singer
Jimin Song
Ethan Swincicki
Abigail Tamer
Jorja Vartoogian
Bicheng Yan
Antony Yen
Xining Zhang
Kejian Zhu
Skylyr Zink

UNIVERSITY OF MICHIGAN GRADUATES

August 2026

The following is a preliminary list of the candidates for degrees
to be granted upon completion of formal requirements.

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Founded in 1841, Rosario Ceballo, Dean

Master of Arts

Economics

Yuqing Gu

International and Regional Studies

Annissa Kebede
Grace Murphy

Master of Science

Earth and Environmental Sciences

Sam Neumann

MEDICAL SCHOOL

Founded in 1850, Thomas J. Wang, Dean

Master of Science

Bioinformatics

Sunjong Ji

Health and Health Care Research

Mariaelena Andriana Boyle
Courtney Rentas

Health Infrastructures and Learning Systems

Christine Carroll
Beth Kolberg Hansemann
Sohan Jadhav
Nickolas Morone
Lindsay Sorey
Anna Stewart

Human Genetics

Connor William Bennethum
Jane Lindland

Microbiology and Immunology

Gaida AlMohimeed

Pharmacology

Anusruthi Mallela

Physiology

Celine Assi
Ujjawal Beniwal
Ava Crowley
Lydia DeBell
Erin Noelle Donnelly

Margaret Farah

Devin Feng

Ariela Gashaj

Olivia Gabrielle Gottdenker

Zaria Deshonne Griffin

Ryan Heur

Anne Kozak

Michael LeTarte

Andrew Joseph Ramirez

Haneen Shadeed

Grayson Shah

Alyssa Tiscareno

Jenna Michelle Tobin

Christian Peter Wojcik

Sophia Jessica Yeras

Jacob Zeller

SCHOOL OF DENTISTRY

Founded in 1875, Jacques E. Nör, Dean

Master of Science

Endodontics

Robert Jay Ault
Thomas Lee Kwun

Orthodontics

Alexandra Maria Kalabat
Yilan Miao

Janson Ng

Jenny Park

Isaiah Sampson

Prosthodontics

Rawan Mousa Salameh Mohsen
Herschel Ungar

Restorative Dentistry

Sukaina Aldandan

Abdulmalek Ali I. Alghabban

Ahmad Yousef Alkhodair

Aljawharah Abdullah A. Alshedokhi

Abdulkarim Youssef A. Elias

Abdulmohsen Ibn Shamsah

COLLEGE OF PHARMACY

Founded in 1876, Vicki Ellingrod, Dean

Master of Science

Integrated Pharmaceutical Sciences

Fanny Fan
Xiuhao Guan
Haruka Ichie

Simran Kumar
Wan Sing Lee
Ailing Li
Shawn Li
Chi Lin

Anagha Muralidharan
Christina Nguyen
Gandhar Pradhan
Anujith Sekhar
Yujia Shen

GERALD R. FORD SCHOOL OF PUBLIC POLICY

Founded in 1914, Celeste Watkins-Hayes, Joan and Sanford Weill Dean of Public Policy

Master of Public Policy

Public Policy

Samira Kimo
Aaminah Tabassum

COLLEGE OF ENGINEERING

Founded in 1915, Karen A. Thole, Robert J. Vlastic Dean of Engineering

Certificate of Graduate Studies

Data Science

John Sohn

Master of Science

Biomedical Engineering

Evlin Zhu

Robotics

Max Waschbusch West

Master of Science in Engineering

Biomedical Engineering

Sonia Bhaskaran
Jesse DeMatteo
Agustina Diener
David Frey
Maria A. Jennings
Kairav Maniar
Sayre Tillery

Chemical Engineering

Oluwatobi Adewale
Chinaecherem Anyanwu
Osarumwense Edobor
Joseph Olaide

Electrical and Computer Engineering

Bureir Alaboudi

Materials Science and Engineering

Ting Yu Chen

Mechanical Engineering

Daeryun Choi
Yahir Ruiz-Meneses

MARSAL FAMILY SCHOOL OF EDUCATION

Founded in 1921, Elizabeth Birr Moje, Dean

Master of Arts

Educational Studies

Lindsay Elaine Adams
Denise Cansunur Akabey
Anthony Michael Alegrete
Shelby Rene Allen
Sydney Beeler
Anna Binkley
Lindsey Arlene Bixler
Ralph Bland
Alyssa Brouwer
Lily Jane Carlson
Ishya Casukhela
Olivia Amy Cell
Christopher Coburn
Addie Davis
Ongkon Deb

Sofia Pilar Feinberg
Alex Filar
Bekah Harrelson
Olivia Nicole Hayes
Alex Herrero
Renai Huang
Alena Isabella Johnson
David Hyunsung Kang
Corrigan Andrew Knittle
Adam Benjamin Krugel
Hua Liu
James Love
Emily McBroom
Aidan Ryan Morgan
Sherry Pan

Luke Daniel Pauer
Lucas Renno
Rebecca Rose Saladin
Noor Sam
Min-Yen Shih
Jae Stuchel
Rohit Sandesh Tattitali
Christina Lynn Thieu
Adam Jacob Thompson
Bee Winters

Higher Education

Victoria Pawlitz
Bailey Price
Camryn Teranes

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

Founded in 1927, Jonathan T. Overpeck, Samuel A. Graham Dean

Master of Science

Environment and Sustainability

Nora Bundy
Andrew Clapper

Amelia Nichole Clark
Zeyuan Fu
Tzu-Ting Lin

Tamanna Sengupta
Muzi Yang

SCHOOL OF MUSIC, THEATRE & DANCE

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Master of Fine Arts

Dance

Timothy C. Tsang

SCHOOL OF PUBLIC HEALTH

Founded in 1941, Lynda Lisabeth, Interim Dean

Master of Science

Clinical Nutrition

Alyssa Hope Chritz
Jeannée Marie Hill
Gloria Mazinga
Caroline Elizabeth Paris

Nutritional Sciences

Leonard Alejandro Aros
Michele Baston
Tiange Bu
Yaokun Lai
Jialu Li
Haley Patricia Reyna

Ting Ying Su
Yingxin Wang
Yixun Wang
Yinzhi Ying
Perry Xinyi Zhang
Yixiao Zhou

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Laurence B. Alexander, Chancellor

COLLEGE OF ARTS, SCIENCES & EDUCATION

Master of Arts in Arts Administration

Ainsley Elgin

Master of Public Administration

Donovan Smith

SCHOOL OF KINESIOLOGY

Founded in 2008, Lori Ploutz-Snyder, Dean

Certificate of Graduate Studies

Physical Activity and Nutrition

Alyssa Hope Chritz
Lynsey Mura

Master of Science

Athletic Training

Lana Singer
Rachel Urbik

Sport Management

Molly Tissenbaum

The Yellow and Blue

Michael W. Balfe

4 Sing to the col-ors that float in the light; Hur-rah for the Yel-low and

7 Blue! Yel - low the stars_ as they ride thro' the night, And

10 reel in a rol - lick - ing crew Yel - low the fields where

13 rip - ens the grain, And yel - low the moon on the har - vest_ wain; Hail!

Hail to the col-ors that float in the light; Hur-rah for the Yel-low and Blue!

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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 thro' the night,
And reel in a rollicking crew;

Yellow the fields 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!

