2025

MAY 2, 2025

CRISLER CENTER

RACKHAM
GRADUATE
EXERCISES

Honoring the Class of 2025

RACKHAM GRADUATE EXERCISES
UNIVERSITY OF MICHIGAN

MAY 2, 2025

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.

A preliminary list of August 2025 degree candidates begins on page 47.

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

ORDER OF EXERCISES

Class of 2025 Procession	**Pomp and Circumstance** *Composed by Edward Elgar* University of Michigan Commencement Brass Ensemble Rachel Zephir *Doctoral Candidate for Musical Arts in Conducting* *School of Music, Theatre & Dance*
***Processional**	**Trumpet Tune** *Composed by John Stanley* University of Michigan Commencement Brass Ensemble
***The National Anthem**	**The Star Spangled Banner** Danielle Casós *Specialist of Music in Voice Performance, School of Music, Theatre & Dance* Accompanied by Amelia Arguelles*, Master of Music, School of Music, Theatre & Dance, Class of 2026*
Welcome	Laurie K. McCauley *Provost and Executive Vice President for Academic Affairs*
Student Speaker	Sauda Nabukenya *Doctor of Philosophy Candidate in History* *College of Literature, Science, and the Arts*
Conferring of the Doctoral Degrees	Santa J. Ono Michael J. Solomon
Conferring of the Masters Degrees	Santa J. Ono Michael J. Solomon
Statement to the Class of 2025	Santa J. Ono *President*
Commencement Address	Victor J. Dzau *President of the US National Academy of Medicine*
Musical Selections	**Fanfare (to precede the ballet La Péri)** *Composed by Paul Dukas* University of Michigan Commencement Brass Ensemble

Student Speaker	Antara Green *Master of Science in Environment & Sustainability, School for Environment and Sustainability* *Master of Science in Engineering in Mechanical Engineering, College of Engineering*
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	Santa J. Ono Michael J. Solomon
Candidates for Masters Degrees & Certificates	Santa J. Ono Michael J. Solomon
Congratulations	Mary Kay Haben *Chair, Board of Directors, Alumni Association of the University of Michigan*
***The Alma Mater**	**The Yellow and Blue** *Composed by Michael W. Balfe* University of Michigan Commencement Brass Ensemble and the Audience (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 platform party has left the arena floor.

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.

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	Bingham Farms
Carl J. Meyers	Dearborn
Katherine E. White	Ann Arbor
Santa J. Ono	*ex officio*

EXECUTIVE OFFICERS

Santa J. Ono	*President*
Laurie K. McCauley	*Provost and Executive Vice President for Academic Affairs*
Thomas A. Baird	*Vice President for Development*
Geoffrey Chatas	*Executive Vice President and Chief Financial Officer*
Martino Harmon	*Vice President for Student Life*
Richie Hunter	*Vice President for Communications*
Jon Kinsey	*Vice President and Secretary of the University*
Chris Kolb	*Vice President for Government Relations*
Arthur Lupia	*Interim Vice President for Research & Innovation*
Timothy G. Lynch	*Vice President and General Counsel*
Ravi Pendse	*Vice President for Information Technology and Chief Information Officer*
Marschall S. Runge	*Executive Vice President for Medical Affairs*
Laurence B. Alexander	*Chancellor, University of Michigan-Flint*
Domenico Grasso	*Chancellor, University of Michigan-Dearborn (Represented by Armen Zakarian, Vice Provost for Research and Dean of Graduate Studies)*

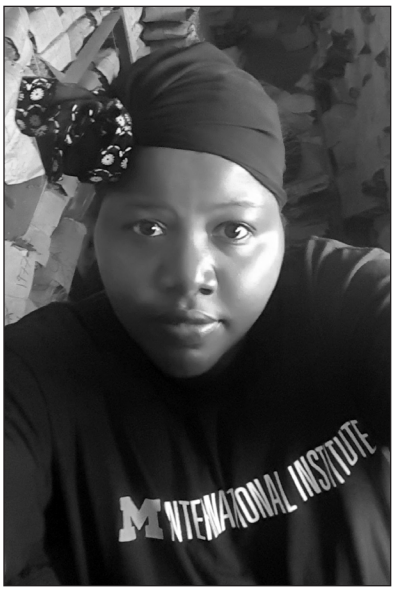
DEANS AND REPRESENTATIVES

Beth Angell	*Dean, School of Social Work* *(Represented by Robert Ortega, Associate Dean for Educational Programs)*
F. DuBois Bowman	*Dean, School of Public Health*
Lisa Carter	*University Librarian and Dean of University Libraries*
Rosario Ceballo	*Dean, College of Literature, Science, and the Arts*
Vicki Ellingrod	*Dean, College of Pharmacy* *(Represented by Karen Farris. Senior Associate Dean, Charles R. Walgreen III Professor of Pharmacy Administration and Professor of Social and Administrative Sciences)*
Andrea Forte	*Dean, School of Information*
David A. Gier	*Dean, School of Music, Theatre & Dance*
Patricia D. Hurn	*Dean, School of Nursing* *(Represented by Sarah Stoddard. Associate Professor and PhD Program Director)*
Carlos Francisco Jackson	*Dean, Penny W. Stamps School of Art & Design*
Kyle Logue	*Interim Dean, Law School*
Jonathan Massey	*Dean, A. Alfred Taubman College of Architecture and Urban Planning*
Sharon F. Matusik	*Edward J. Frey Dean of Business, Stephen M. Ross School of Business* *(Represented by Roman Kapuscinski, Senior Associate Dean for Faculty and Research)*
Elizabeth Birr Moje	*Dean, Marsal Family School of Education*
Jacques E. Nör	*Dean, School of Dentistry* *(Represented by Vesa Kaartinen, Associate Dean for Research)*
Jonathan T. Overpeck	*Samuel A. Graham Dean, School for Environment and Sustainability* *(Represented by Michaela Zint, Associate Dean)*
Lori Ploutz-Snyder	*Dean, School of Kinesiology*
Marschall S. Runge	*Dean, Medical School* *(Represented by Dr. Gilbert Omenn, Harold T. Shapiro Distinguished University Professor of Medicine)*
Michael J. Solomon	*Dean, Horace H. Rackham School of Graduate Studies and Vice Provost for Academic Affairs–Graduate Studies*
Karen Thole	*Robert J. Vlasic Dean of Engineering, College of Engineering* *(Represented by Krista Wigginton. Associate Dean of Graduate and Professional Education)*
Celeste Watkins-Hayes	*Joan and Sanford Weill Dean of Public Policy, Gerald R. Ford School of Public Policy*

STUDENT SPEAKERS

Sauda Nabukenya

Doctor of Philosophy in History, College of Literature, Science, and the Arts



Sauda Nabukenya's research concerns the history of law, constitutions, gender, class and property relations in colonial and post-colonial Africa. She earned her PhD in History at U-M as a Mellon/ACLS Fellow and a Fulbright Scholar. She holds a master's in history from Makerere University in Uganda, where she wrote a thesis focused on the politics of the Constitution-making process in Uganda from 1959-1995. Drawing on more than 150,000 court records that she personally discovered, organized, and catalogued during archival work in Uganda, her PhD research project revealed how ordinary individuals influenced the content and application of law. Sauda is committed to preserving vernacular archives and overlooked histories of ordinary people in African legal history. After graduation, she will join the faculty at Utah State University as an assistant professor of African History.

Antara Das Green

Master of Science in Environment & Sustainability, School for Environment and Sustainability

Master of Science in Engineering in Mechanical Engineering, College of Engineering

Antara Das Green aims to help lead the charge toward clean energy and sustainable living. At U-M, her research explored how electric vehicles held value over time. Antara previously earned her Bachelor of Science in Electronic Engineering Technology from Pittsburg State University, in Pittsburg, Kansas, in 2019; and while earning masters degrees in both environmental sustainability and mechanical engineering at U-M, she served as SEAS student government's academic chair; worked as a program assistant for the U-M Alumni Association; and taught courses as a graduate student instructor. Antara also worked for eight months as a program management intern at Tesla, Inc. in 2024. After spending part of the summer in Ann Arbor, she plans to head to the West Coast to work as a project manager for an automotive company.

COMMENCEMENT SPEAKER

Victor J. Dzau

President of the US National Academy of Medicine

Since 2014, Victor J. Dzau has served as President of the National Academy of Medicine and Vice Chair of the National Research Council, bringing exceptional leadership to the intersection of science, medicine, and policy. A distinguished physician and medical researcher, he is also a trailblazer—the first person of color and first immigrant to lead one of the three academies that make up the National Academies of Sciences, Engineering, and Medicine.

Born in Shanghai during the Communist Revolution, Dzau was still a child when his family fled to Hong Kong to escape the Chinese Civil War. His early experiences with poverty and health inequities shaped his commitment to a career in medicine. He earned Bachelor of Science in Biology and an M.D. from McGill University before starting his residency at Peter Bent Brigham Hospital and Harvard. Recognized internationally for his groundbreaking contributions to cardiovascular medicine and genetics, Dzau's research laid the foundation for the development of lifesaving drugs called ACE inhibitors, which are now widely used to treat high blood pressure, congestive heart failure, and kidney disease. He pioneered gene therapy for vascular disease and was the first to introduce DNA decoy molecules in humans in vivo. Dzau developed the Paracrine Hypothesis of stem-cell action and the strategy of direct cardiac reprogramming.

Dzau is renowned for being a visionary leader who develops initiatives to transform healthcare and seek solutions to broad-reaching social challenges. At the National Academy of Medicine, he launched significant initiatives such as the Global Health Risk Framework, Human Genome Editing Initiative, and Grand Challenge in Climate Change and Human Health and Equity. He co-founded Duke's Global Health Institute, Harvard's Brigham and Women's Hospital's Division of Global Health Equity, and Duke's National University of Singapore School of Medicine. His past leadership roles include professor and chairman of medicine at Harvard and Stanford, chancellor emeritus for health affairs at Duke University, and CEO of the Duke University Health System. At the National Institutes of Health, he served on the director's Advisory Committee and chaired the Cardiovascular Disease Advisory Committee. Dzau has received the Gustav Nylin Medal from the Swedish Royal College of Medicine; the Research Achievement Award from the American Heart Association; the Ellis Island Medal of Honor; the Polzer Prize of the European Academy of Sciences and Art; the Henry Friesen International Prize; the Porter Prize of the University of Pittsburgh; and National University of Singapore's Outstanding Service Award and Singapore National Day Public Service Medal. He has received 21 honorary doctorates over his long career and was a member of the University of Michigan's Health Board.

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.

Raed Al Kontar
Todd Randall Allen
Anuska V. Andjelkovic-Zochowska
Anthony Antonellis
Pierre Francois Apostolides
Gavin Michael Arnall
Kelly Arnold
Ella Marie Atkins
Sushil K. Atreya
Andrew P. Ault
Jinho Baik
Hadji Noah Bakara
Brendon Baker
Rohini Bala Chandran
Veera Baladandayuthapani
Sami J. Barmada
Robin Andrew Beck
Jill B. Becker
Albert Solomon Berahas
Dennis Bernstein
Stephen Berrey
Stephanie Bielas
Lydia Rosina Bieri
Julie Biteen
David Blaauw
Andre L. Boehman
Alan P. Boyle
Diann Erbschloe Brei
Jennifer Diane Bridwell-Rabb
Susan Brooks Herzog
Charles L. Brooks III
Melissa Burch
Sarah Andrea Burgard
Laura Buttitta
Eunshin Byon
Dawen Cai
Angela Marie Calabrese Barton
Scott D. Campbell
Rona Carter
Charlotte Cavaille
Joyce Chai
Evan Chambers
Ang Chen
Cynthia Anne Chestek
Arul M. Chinnaiyan
Tim Chupp
Tomasz Cierpicki
Marcin Piotr Cieslik
Mark Clague
Amy Ellen Mainville Cohn
Matthew David Collette
Kathleen L. Collins
Colleen M. Conway
Nilo Couret
Michael T. Craig
Javier Cravino
Fernanda Lima Cross
Glen T. Daigger
Neil P. Dasgupta
Charles Harold Fredrick Davis III
Sharlene M. Day
Morgan Elizabeth DeSantis
Brian Denton
Manan R. Desai
Analisa DiFeo
Lisa Jane Disch
Dana Dolinoy
Pingsha Dong
David R. Dowling
Meghan A. Duffy
Marisa Eisenberg
Henriette Dina-Maria Elvang
Lola Eniola-Adefeso
Karen Bell Farris
Salar Fattahi
Jason K. Fettig
Krzysztof J. Fidkowski
Barry Fishman
Robert L. Fishman
Michael Flynn
Jessica Fong
Patrice Elie Fort
John Edison Foster
David Fouhey
Karen Jeanne Fournier
Renny T. Franceschi
Lydia Freddolino
Kristi E. Gamarel
Mirko Gamba
Fei Gao
Fernando Estefan Thibodeaux Garcia
Patricia Garcia
Amanda Lee Garner
Charles Hiroshi Garrett
Elaine K. Gazda
Susan A. Gelman
Daniel Genkin
Maani Ghaffari Jadidi
Maisie Lee Gholson
Brent Gillespie
David Ginsburg
Rachel S. Goldman
Jackie Goodrich
Colin F. Greineder
Jolanta E. Grembecka
Yuanfang Guan
Johann E. Gudjonsson
Emanuel Gull
L. Jay Guo
Kristina I. Hakansson
J. Alex Halderman
Zaher Hani
Nan E. Hatch
Idse Heemskerk
John Thomas Heron
Eric A. Hetland
James R. Hines, Jr.
Richard A. Hirth
Ian Hiskens
Jesse E. Hoffnung-Garskof
Michael Allan Holinstat
Roman D. Hryciw
Xianglei Huang
Yihe Huang
Muzammil M. Hussain
Luke Williamson Hyde
Lori L. Isom
Christiane Jablonowski
Trachette L. Jackson
H. V. Jagadish
Erica Christine Jansen
Ruiwei Jiang
Eric Johnsen
John Jonides
Benjamin Alexander Jorns
Igor Jovanovic
J. Michelle Kahlenberg
Jian Kang
Manos Kapritsos
Kimberlee J. Kearfott
Robert T. Kennedy
Gregory A. Keoleian
Gretchen Keppel-Aleks
Samantha Keppler
Jeffrey Kidd
Megan L. Killian
Hun Seok Kim
Daniel J. Klionsky
Joy Knoblauch
Alexander D. Knysh
Sarah Colleen Koch
Markos Koutmos
Kristin Koutmou
Ioulia Kovelman
Chandramouli Krishnan
Pei-Cheng Ku

DISSERTATION CHAIRS

Benjamin Kuipers
David Gator Kwabi
Lawrence M. La Fountain-Stokes
Joerg Lahann
Larissa Susan Larsen
Matthew D. Lassiter
Adam Lauring
John V. Leahy
Honglak Lee
Kyoung Eun Lee
Stephen G. Leider
Scott Frederick Leiser
Maria Carmen de Mello Lemos
Artemis S. Leontis
Andrei A. Levchenko
Richard L. Lewis
Cheng Li
Jun Li
Xiaogan Liang
Victor B. Lieberman
Jiandie Lin
Jennifer J. Linderman
Zhongming Liu
Roi Livne
David K. Lubensky
Jonathan E. Luntz
Costas Andreas Lyssiotis
Tristan Maerz
Ramaswami Mahalingam
Scott Mahlke
Kevin John Maki
Stephen Maldonado
Jason Mars
Andrew John Marshall
Emily Toth Martin
Joaquim R. R. A. Martins
Johanna Mathieu
Adam J. Matzger
Laurie Kay McCauley
Sara McClelland
Charles McCrory
Hayley McLoughlin
Geeta Mehta
Christi Merrill
Michael R. Meyer
Zetian Mi
Robert John Middleton
Gregory Smith Miller
Ryan Edward Mills
James J. Moon
Michael G. Mueller-Smith
Alexandra Murphy
Sarah Murray
Viswanath Nagarajan
Supriya M. Nair
Kayvan Najarian
Susan Y. Najita
Alison Rae Hardin Narayan
Lisa C. Nevett
Mark Newman
Jun Ni
Doug Noll
John Norton
Teresa Rodgers O'Meara
Melanie D. Ohi
Kenn Richard Oldham
Sheryl L. Olson
Dimitra Panagou
Rosemary Jane Perez
Claire Pettersen
Seth Pettie
Donald Peurach
Adela N. Pinch
Aaron Pixton
Thad Polk
Bogdan Ioan Popa
Pierre Ferdinand Poudeu-Poudeu
Yopie Prins
Aswin Punathambekar
Liang Qi
Jianming Qian
Uday Rajan
Indika Rajapakse
Deborah Rivas-Drake
Lionel Peter Robert
Michael Roberts
Eugene Cardell Rogers, Jr.
Matthew Stephen Ronfeldt
Liangyou Rui
Brandon Thomas Ruotolo
Alanson Sample
Melanie S. Sanford
Catherine Sanok
Maureen Sartor
Corinna Schindler
Sarita Schoenebeck
Celia E. Schultz
Anna A. S. Schwendeman
Emily Scott
Audrey F. Seasholtz
Lawrence M. Seiford
Denise J. Sekaquaptewa
David Sept
Isis Settles
Priti R. Shah
Yatrik M. Shah
Lonnie Shea
Nathan Dale Sheldon
Siqian May Shen
Xu Shi
Ariella Shikanov
Kang Geun Shin
Jason Benjamin Siegel
Jordan Siegel
Karandeep Singh
Nirala Singh
Mrinalini Sinha
Jagadeesh Sivadasan
Steven J. Skerlos
Joel B. Slemrod
Karen E. Smith
Alan Smrcka
Andrew Snowden
Michael J. Solomon
Sebastian Sotelo
Jason Spence
S. Sriram
William Charles Stacey
Karen M. Staller
Anna G. Stefanopoulou
Leia Stirling
Xiaodong Sun
Megan L. Sweeney
Nathaniel Szymczak
Lingjia Tang
Stephanie D. Teasley
Nicola Terrenato
Peter Tessier
Mark A. Tessler
Greg Michael Thurber
Dawn M. Tilbury
Louise Toppin
Vasti Torres
Billy Tsai
Alexander Tsodikov
Anish Tuteja
Ram Vasudevan
Sarah Veatch
Sriram Venneti
Kristen J. Verhey
Alexandra Hope Vinson
Nils G. Walter
Michael M. Wang
Xueding Wang
Lucretia M. Ward
Marjorie Gail Weber
David K. Wehe
Fei Wen
Krista Wigginton
John P. Wolfe
Robert Woods
Chuanwu Xi

DISSERTATION CHAIRS

Zhen Xu
Qiong Yang
X. Jessie Yang
M. Remi Yergeau
Lei Ying
Min Zhang
Zhengya Zhang
Bing Zhou
Yue Maggie Zhou
Brian J. Zikmund-Fisher
Paul Zimmerman
Michal R. Zochowski

MARSHALS OF THE UNIVERSITY

John D. Pasquale

Donald R. Shepherd Associate Professor of Conducting
Director of the Michigan Marching and Athletic Bands
Associate Director of University Bands
Chief Marshal

Valeria Bertacco

Vice Provost for Engaged Learning
Arthur F. Thurnau Professor
Professor of Electrical Engineering and Computer Science
College of Engineering
Associate Dean for Physical Sciences and Engineering
Horace H. Rackham School of Graduate Studies
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

Francisco Gomez-Rivera
Horace H. Rackham School of Graduate Studies Flag

Stefan Nielsen
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.

ACADEMIC COLORS

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

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

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 58,000 alumni 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.

The Executive Board of Horace H. Rackham School of Graduate Studies awards doctoral, master's, and some graduate professional degrees (e.g., master of public policy, master of urban planning), although most graduate professional degrees, such as doctor of medicine, master of social work, etc., are awarded by the respective schools or colleges. The Horace H. Rackham School of Graduate Studies does not offer course work, and advanced studies are conducted within the school or college of a candidate's area of specialization.

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

Benjamin William Gaughran, Field of Specialization: Conducting (Choral). Dissertation: Summary of Dissertation Recitals: Three Choral Programs.

Alexis Lamb, Field of Specialization: Music Composition. Dissertation: Resonant Gratitude.

Rosanne Lee, Field of Specialization: Music Performance. Dissertation: Summary of Three Dissertation Recitals.

Alexander Russell John Scott, Field of Specialization: Conducting (Band). Dissertation: A Summary of Three Dissertation Recitals.

Yongxin Zhou, Field of Specialization: Music Performance. Dissertation: Notes on Three Dissertation Performances.

Doctor of Philosophy

Mohamed Arshath Saja Abdul Kaiyoom, Field of Specialization: Aerospace Engineering and Scientific Computing. Dissertation: Numerical Methods for Coupled Aeropropulsive Design Optimization.

Carlos Raul Acuna Silva, Field of Specialization: Business Administration. Dissertation: Three Essays in Finance.

Eytan J. Adler, Field of Specialization: Aerospace Engineering and Scientific Computing. Dissertation: Hydrogen-Powered Aircraft Design Optimization.

Devansh Ramgopal Agrawal, Field of Specialization: Aerospace Engineering. Dissertation: Architectures for Safe Autonomy: Provable Guarantees Across Control, Planning, and Perception.

Omar Yusuf Ahmed, Field of Specialization: Mechanical Engineering. Dissertation: Multivariable Combustion Control for Engines Operating Near High-Variability Limits.

Arsha Ali, Field of Specialization: Robotics. Dissertation: Situation Awareness and Trust Methods for Improving Human-Robot Team Performance.

Hessa Khaled H. A. Al-Thani, Field of Specialization: Industrial and Operations Engineering. Dissertation: Exact and Approximation Algorithms for Entropy Sampling and Stochastic Optimization.

Anna Grace Anders, Field of Specialization: Chemistry. Dissertation: Development of Ion Mobility-Mass Spectrometry and Collision-Induced Unfolding for the Structural Characterization of Noncoding Ribonucleic Acids.

Aubrey Childs Annis, Field of Specialization: Biostatistics. Dissertation: Methods and Applications for Improving Interpretation of Genetic and Genomic Data.

Emily Kathryn Arntson, Field of Specialization: Health Service Organization and Policy. Dissertation: Evaluating the Impacts of Federal Social Programs on Older Adults in the United States of America: Three Essays in Health Economics.

Peter Julian Arts, Field of Specialization: Environmental Engineering. Dissertation: Building a Foundation of Next-Generation Environmental Infectious Disease Surveillance: Cross-disciplinary and Fit-for-Purpose Tool Development for Wastewater-Based Epidemiology and Indoor Pathogen Monitoring.

Christopher Alonso Azaldegui, Field of Specialization: Chemical Biology. Dissertation: Mechanisms of Subcellular Organization in Bacteria.

Shreeya Bakshi, Field of Specialization: Pharmacology. Dissertation: Better Retained than Forgotten: Investigation of *SCN1B* intron 3 Retention and Its Link to Developmental and Epileptic Encephalopathy.

Deepthi Bathala, Field of Specialization: Architecture. Dissertation: Botanical Failures: Gardens and Climate Imaginaries in Colonial South Asia.

Elizabeth Jean Bealer, Field of Specialization: Biomedical Engineering. Dissertation: Immunomodulation Using Engineered Nanoparticles: Strategies for Protecting Transplanted Islets.

Armand Bahram Behroozi, Field of Specialization: Computer Science and Engineering. Dissertation: Data-Aware Computing for Efficient Extended Reality Systems.

Andrea Maria Bejarano, Field of Specialization: Electrical and Computer Engineering. Dissertation: Resource-Constrained Intelligent Edge Systems for Internet-of-Things Applications.

Matthew Richardson Belz, Field of Specialization: Electrical and Computer Engineering. Dissertation: Low Noise Frequency Synthesis Techniques.

Janae Nicole Best, Field of Specialization: Health Behavior and Health Equity. Dissertation: Returning the Cape: Deepening Our Understanding of the Relationship Between Superwoman Schema and Mental Health Among Young Black Women Attending An HBCU.

Ananyo Bhattacharya, Field of Specialization: Climate and Space Sciences and Engineering. Dissertation: Perspectives from the Juno Microwave Radiometer: Probing Jupiter's Deep Rock Clouds, Thermochemistry and High-Energy Electron Precipitation over Northern Aurora.

Saraí Blanco Martinez, Field of Specialization: Education and Psychology. Dissertation: "This is a Healing Space": Cultivating Latinx Immigrant-Origin Youth's Radical Healing Practices.

Layne G. Bond, Field of Specialization: Chemical Biology. Dissertation: Characterization and Application of Blood-Brain Barrier Penetrating Bispecific Antibodies Targeting Transferrin Receptor and CD98hc.

Rory Patrick Bowens, Field of Specialization: Astronomy and Astrophysics. Dissertation: Using GeoSnap Mid-Infrared Detectors for Exoplanet Research on Large Telescopes.

Allison Marie Box, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: The *Drosophila* Accessory Gland as a Model for Postmitotic Regeneration.

Elliott Scott Brannon, Field of Specialization: Health Infrastructures and Learning Systems. Dissertation: The Work and Workers of Centering Patients in Quality Improvement Networks.

Doctor of Philosophy

Zachary Brei, Field of Specialization: Mechanical Engineering. Dissertation: First-Principles Models and Safety-Driven Planning for Soft and Rigid Robots.

Laura E. Brotzman, Field of Specialization: Health Behavior and Health Equity. Dissertation: Older Adult Perspectives on Life Expectancy in Cancer Screening Decision Making: A Mixed-Methods Investigation.

Alexander Wesley Bunnell, Field of Specialization: Chemistry. Dissertation: Mechanism Guided Development of Group 10 Mediated Reactions for the Synthesis of Bioactive Scaffolds.

Erin May Burrell, Field of Specialization: Mechanical Engineering and Scientific Computing. Dissertation: Numerical Investigation of High-Speed Droplet Impact Upon a Solid Surface.

Mollie Bush, Field of Specialization: Higher Education. Dissertation: Vertical Transfer for Black and Latinx Community College Students: The Prevalence and Perpetuation of Color-Evasive Racism within Advising and Counseling Departments.

Cassidy Carey, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Design and Synthesis of Porous Materials for Water and Energy Applications.

Steve Cederquist, Field of Specialization: Information. Dissertation: Making Informal Learning Legible: Alternative Digital Credentials for College Access.

Cassandra Lyn Champagne, Field of Specialization: Civil Engineering. Dissertation: Geotechnical Correlations for CPTu Site Investigation of Michigan Clays.

Jieun Chang, Field of Specialization: Psychology. Dissertation: Mindfulness, Dignity, and Well-Being.

Haozhen Chen, Field of Specialization: Mechanical Engineering. Dissertation: Modeling and Control of Roll-to-roll Winding Machine in Li-ion Battery Manufacturing.

Hsin-Ting Chen, Field of Specialization: Chemical Engineering. Dissertation: Predict Antibody Developability Properties Using Machine Learning.

Mingze Chen, Field of Specialization: Mechanical Engineering. Dissertation: Micro/Nano Fabrication of Layered Semiconductor Devices for Hardware Implementation of Neuromorphic Computing.

Shih-Kuan Chen, Field of Specialization: Physics. Dissertation: Scattering Amplitudes and the Double-Copy Landscape.

Sophia Chen, Field of Specialization: Screen Arts and Cultures. Dissertation: Unauthorized Use: Transposing Structures of Ownership, Authorship, and Consent.

Brandon Chen, Field of Specialization: Cellular and Molecular Biology. Dissertation: Cellular Mechanisms of Mitochondrial-Organelle Crosstalk in Cancer Metabolism.

Chang-Hwa Chiang, Field of Specialization: Chemistry. Dissertation: Bioinformatics and Machine Learning Guided Biocatalyst Development.

So-Bin Cho, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Nuclear Energy Hub with Energy Storage: A Pragmatic Design Approach to Support Scalable Energy Solutions.

Minkyu Choi, Field of Specialization: Electrical and Computer Engineering. Dissertation: Deep Learning Models for Visual and Interoceptive Neural Processing.

Youngkyun Choi, Field of Specialization: Romance Languages and Literatures Spanish. Dissertation: Rethinking Universality from the South: Transpacific Journeys of Marxism in the 20th Century.

Alec Chu, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Multimodal and Multiomic Integration in Precision Oncology.

Christopher Shamar Clarke, Field of Specialization: Computer Science and Engineering. Dissertation: Towards Enhanced Human-AI Interaction: A Holistic Approach to Personalization in Natural Language Processing.

Ansley Semack Conchola, Field of Specialization: Cellular and Molecular Biology. Dissertation: Lung Organoid Models Enable Interrogation of Progenitor Cell Function and Cellular Heterogeneity of the Developing Human Lung.

Sarah Mabel Connolly, Field of Specialization: Cellular and Molecular Biology. Dissertation: Structural and Functional Analyses of Oligomeric Membrane-associated Protein Complexes, Caveolin-1 and VacA.

Constanza Belén Contreras Ruiz, Field of Specialization: English Language and Literature. Dissertation: This Body Holds Multitudes: Land, Embodiment, and Racial Grammars in the Hemispheric Américas.

Alexander W. C. Coppeans, Field of Specialization: Aerospace Engineering and Scientific Computing. Dissertation: Adaptive Methods for High-Order Aerodynamic Shape Optimization.

Andrew John Crocker, Field of Specialization: Classical Art and Archaeology. Dissertation: Body Politics: Female Portraiture and Local Politics in the Roman Peloponnese.

Luis Cubillos, Field of Specialization: Robotics. Dissertation: Understanding Motor Control for Assistive Technologies: From Biomechanics to Brain-Machine Interfaces.

Elizabeth Sarah Davenport, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: Causes and Consequences of Disease Outbreaks in Aquatic Environments.

Faith Anderson Davis, Field of Specialization: Microbiology and Immunology. Dissertation: Adding Complexity to Models of *Candida albicans* Human Colonization: Natural Isolates and Polymicrobial Interactions.

Steven Alexander Defiglia, Field of Specialization: Chemistry. Dissertation: Novel Implementations and Insights for Improved Gas Phase Ion-Electron Reactions in Biomolecular Tandem Mass Spectrometry.

Christina Del Greco, Field of Specialization: Genetics and Genomics. Dissertation: Characterizing the Molecular and Cellular Effects of Disease-Associated Variants in Mitochondrial Seryl-tRNA Synthetase.

Kaiwen Deng, Field of Specialization: Bioinformatics. Dissertation: Advancing Computational Models and Algorithms for the Analysis of Single-Cell and Neural Data.

Doctor of Philosophy

Varad Vivek Deolankar, Field of Specialization: Business Administration. Dissertation: Essays on Polarization on Social Media.

Shujun Dong, Field of Specialization: Chemical Engineering. Dissertation: Impact of Target Expression and Fc-Interaction on Antibody Drug Conjugate Efficacy using Experimental and Computational Approaches.

Schinella D'Souza, Field of Specialization: Mathematics. Dissertation: Thurston Theory for a Family of Chebyshev Polynomials and Cosine Maps.

Megan McKinley Dykstra, Field of Specialization: Neuroscience. Dissertation: Uncovering the Function of TDP43 Splice Variants in Physiology and Neurodegeneration.

Cody Michael Ebright-Jones, Field of Specialization: Music: Musicology. Dissertation: Music Making History: Musical Dramatizations of Antebellum US History, 1959-2025.

Rachel Eggleston, Field of Specialization: Education and Psychology. Dissertation: Morphological Awareness and Word Reading in Developing Readers: A Brain-Behavior Investigation.

Amelia Warm Eichengreen, Field of Specialization: Classical Art and Archaeology. Dissertation: From Huts to Palaces: Archaic Domestic Architecture in Rome, Latium, and Etruria, c. 900-450 BCE.

Emily Morgan Ellinger, Field of Specialization: Biological Chemistry. Dissertation: Structural Mapping of the Cross-Coupling Between Riboswitches and the RNAP.

Connor Esterwood, Field of Specialization: Information. Dissertation: Trust Repair in HRI.

Gene Rafael Estrada, Field of Specialization: Anthropology. Dissertation: Environmental Drivers of Terrestriality in Primates.

Parker T. Ewen, Field of Specialization: Robotics. Dissertation: Uncertainty Propagation in Robot Perception.

Ali M. Farhat, Field of Specialization: Bioinformatics. Dissertation: Development and Application of Stochastic Methods for Modeling DNA-Binding Protein Specificity and Dynamics.

Cameron Zhang Fen, Field of Specialization: Economics. Dissertation: Essays in Methodological Improvements of Structural Economics.

Tilahun Mulatu Fikadu, Field of Specialization: Urban and Regional Planning. Dissertation: Fostering Urban Nature Amidst Rapid Urbanization: Evaluation of Urban Green Spaces in Addis Ababa, Ethiopia and Kampala, Uganda.

Amir Fleischmann, Field of Specialization: Political Science. Dissertation: Level and Rule: A Theory of Democracy as Threat.

Leeann Flowers, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Unraveling the Metabolic Mosaic of Tendon Health and Disease.

Anna Tlam Foster, Field of Specialization: Educational Studies. Dissertation: System Building in Context: An Exploration of the Complex Environments of Elementary Science Reform and the Ways Districts Manage Relationships with Those Environments.

Ellie Frydendall, Field of Specialization: Pharmacology. Dissertation: Human Cytochrome P450 Enzymes in Drug and Fatty Acid Metabolism.

Londrea Garrett, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Nanosecond Laser-Induced Breakdown Spectroscopy for Novel Nuclear Diagnostics.

Ande Garretto, Field of Specialization: Microbiology and Immunology. Dissertation: Bacteriocin Prevalence and Resistance in a Clinical *E. faecium* Cohort: Rise of the Class IIa Bacteriocin Bac43.

Qi Geng, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Clustering of Microtubule-based Motor Proteins: Biological Roles and Mechanical Effects.

Leena Omar Ghrayeb, Field of Specialization: Industrial and Operations Engineering. Dissertation: Operations Research Approaches for Right-Sizing Prenatal Care.

Heather Marie Giza, Field of Specialization: Cancer Biology. Dissertation: Physical Regulation of Cysteine Metabolism in Pancreatic Cancer.

Eli Goldweber, Field of Specialization: Computer Science and Engineering. Dissertation: Increasing The Practicality Of Verification Using Incomplete Solutions.

Nicolás Gómez, Field of Specialization: Cellular and Molecular Biology. Dissertation: Investigating the Mechanisms of UPF1-Mediated Neuroprotection in TDP-43-Based Models of Amyotrophic Lateral Sclerosis and Frontotemporal Dementia.

Francisco Gomez-Rivera, Field of Specialization: Immunology. Dissertation: HIV Infection Dynamics: From Underlying the Establishment and Maintenance to the Molecular Mechanisms of Latency.

Ivette Gonzalez, Field of Specialization: Psychology. Dissertation: Sex Differences and Social Support Effects on Methamphetamine Self-Administration and Stimulated Dopamine Release in Nucleus Accumbens.

Cami Goray, Field of Specialization: Information. Dissertation: Balancing Consumer Needs, Privacy Rights and Company Practices in Online Advertising, Media Sharing, and Age Assurance.

Carolyn Donna Kirkwood Graham, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: Standing Armies and Crystal Swords: Defense Evolution Across Wild Grape.

Frances Gu, Field of Specialization: Chemistry. Dissertation: Advancements in Modern Palladium-Catalyzed C-H Functionalization Reactions.

Keanu Alexander Guardiola Flores, Field of Specialization: Biophysics. Dissertation: Down the Resistance Road: An Exploration of the Evolution and Emergence of Antibiotic Resistance in *Enterococcus faecalis* Communities.

Valentina Guevara, Field of Specialization: Chemical Engineering. Dissertation: Engineering Particle-based Therapies to Modulate Neutrophil Migration in Acute Inflammation.

Doctor of Philosophy

James Haggerty-Skeans, Field of Specialization: Cellular and Molecular Biology. Dissertation: PTEN Hemizygosity Drives Lower DNA Methylation, Immune Suppression, and Aggressive Behavior in IDH1-Mutant Astrocytomas.

Hannah Hajdik, Field of Specialization: Aerospace Engineering. Dissertation: Computational Geometry for Design Optimization.

Jonathan Regan Hall, Field of Specialization: Chemistry. Dissertation: Synthesis of Organofluorine Compounds *via* Non-Traditional Bond Activations.

Shawn Alexander Hallett, Field of Specialization: Oral Health Sciences. Dissertation: Elucidating the Molecular Regulation of $PTHrP^{+}$ and $Fgfr3^{+}$ Chondrocytes in Diverse Endochondral Tissues.

Jacqueline Hannan, Field of Specialization: Industrial and Operations Engineering. Dissertation: A Human Factors Approach to Neonatal Positive Pressure Ventilation.

Eden Harrison, Field of Specialization: Psychology and Women's and Gender Studies. Dissertation: "Mmm… Did That Happen?": A Black Feminist Organic Inquiry of Epistemic Exclusion's Affective Impact on Graduate Scholars.

Jeffrey Paul Hatch, Field of Specialization: Chemistry and Scientific Computing. Dissertation: Improving the Scalability and Efficiency of High Accuracy Electronic Structure Methods: Expanding the Reach of Configuration Interaction.

Jessica Elizabeth Hatt, Field of Specialization: Chemistry. Dissertation: Palladium-Catalyzed Alkene Difunctionalization to Form Methylene Cyclobutanes, Methylene Cyclopentanes, and Tetrahydroberberines.

Joshua Philip Hazelnis, Field of Specialization: Chemistry. Dissertation: Understanding Liquid Metal Electrode Interfaces for Intermetallic, Metallic, and Semiconductor Growth.

Martha Ann Henzy, Field of Specialization: English Language and Literature. Dissertation: Performances of Witness: Public Selves in the Age of Memory.

Hayley Renee Herderschee, Field of Specialization: Chemistry. Dissertation: Liquid Chromatography-Mass Spectrometry Method Development for Improved Separation and Detection Performance of Pneumococcal Polysaccharides and Multi-omics Analyses.

Jonathan Joseph Herrera, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Investigating the Effects of High Intensity Exercise in a Preclinical Mouse Model of Hypertrophic Cardiomyopathy.

Richard Ely Locke Higgins, Field of Specialization: Computer Science and Engineering. Dissertation: Learning Dense Visual Features for the Sun and Natural Scenes.

Felicity Blue Hills, Field of Specialization: Physics. Dissertation: Characterization of Magnetic Fields for the Los Alamos National Laboratory Neutron Electric Dipole Moment Experiment.

Steve Ho, Field of Specialization: Genetics and Genomics. Dissertation: Applied Machine Learning for Big Data Genomics.

Sarah Emily Hocevar, Field of Specialization: Neuroscience. Dissertation: Nanoparticle-Mediated Immunomodulation as a Therapy in Acute and Chronic Spinal Cord Injury.

Joseph Paul Hollowed, Field of Specialization: Physics. Dissertation: Modifications of Stratospheric Dynamics and Circulation by Volcanic Eruptions.

Hannah Grace Hoover, Field of Specialization: Anthropology. Dissertation: Rooting Power and Place in the Native South: Yamasee Towns in Archaeological Perspective.

Noshad Hosseini, Field of Specialization: Bioinformatics. Dissertation: Development of Novel Methods to Study Chromosomal Instability and Genetic Heterogeneity for Biomarker Identification.

Cecilia Macqueen Howard, Field of Specialization: Earth and Environmental Sciences. Dissertation: Unraveling Records of Time and Environment in Microbial Ecosystems from the Archean to Today.

Tao-Yu Huang, Field of Specialization: Materials Science and Engineering. Dissertation: Structure-property Correlations in Semiconductor Alloys and Nanostructures.

Wesley W. Huang, Field of Specialization: Cellular and Molecular Biology. Dissertation: Ferroptotic Pathways and Iron Dynamics in Gastrointestinal Inflammation and Wound Healing.

Ryan James Hubbard, Field of Specialization: Applied Physics. Dissertation: Development of an MR-guided Histotripsy System for the Facilitation of Orthotopic Murine Tumor Model Ablations.

Riley Thomas Huff, Field of Specialization: Aerospace Engineering. Dissertation: Loss Quantification and Reduced Order Modeling of Rotating Detonation Combustor Performance.

Erin Ice, Field of Specialization: Sociology. Dissertation: My Mother's Keeper: The Singularity of Caregiving in the U. S.

Irene Inatty, Field of Specialization: American Culture. Dissertation: I Am Because You Are: Spiritual Ethics Towards Liberatory Inquiry.

Yasha Iravantchi, Field of Specialization: Computer Science and Engineering. Dissertation: Usable and Ubiquitous Privacy-Aware Sensing Devices.

Yunseok Jang, Field of Specialization: Computer Science and Engineering. Dissertation: Enhancing Video Understanding Through Deep Generative Models and Task Comprehension.

Cheoljoon Jeong, Field of Specialization: Industrial and Operations Engineering. Dissertation: Digital Twin Calibration with Operational Data.

Zetao Jin, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Reduced-Order Modelling of Residual Stresses and Distortions in Welded and Additively Manufactured Components.

Doctor of Philosophy

Minjun Jin, Field of Specialization: Biophysics. Dissertation: Nucleocytoplasmic Properties Shape Cell Cycle Oscillations and Transitions in Early *Xenopus* Development.

Rahasudha Kannan, Field of Specialization: Biomedical Engineering. Dissertation: The Role of Macrophage Efferocytosis in Bone.

Shreya Karippurathu Rajagopal, Field of Specialization: Psychology. Dissertation: A Neurally Constrained Computational Model of Context-Dependent Fear Extinction and Relapse.

Tribhi Kathuria, Field of Specialization: Robotics. Dissertation: Motion and Behavior Planning for Socially Assistive Robots.

Bobby N. Kent III, Field of Specialization: Biomedical Engineering. Dissertation: Spatiotemporal Control of Tendon Healing through Modular, Injectable Hydrogel Composites.

Do Hoon Kim, Field of Specialization: Chemical Engineering. Dissertation: Biomimetic Engineering of Fibrillar Extracellular Matrix for Developing Novel Cardiac Cellular Constructs.

John Kim, Field of Specialization: Materials Science and Engineering. Dissertation: Fundamentals and Applications of Polymer Nanofiber Arrays Fabricated by Chemical Vapor Polymerization.

Juhyeon Kim, Field of Specialization: Electrical and Computer Engineering. Dissertation: Chip-Scale Spectropolarimetric and Quantum Optical Phase Sensing with Semiconductor Nanostructures.

Ellen Kim, Field of Specialization: Mechanical Engineering. Dissertation: Architecturally Programmable Tendon Constrained Inflatables for Advanced Functionalities.

Allison Michelle King, Field of Specialization: Mechanical Engineering. Dissertation: Impulsive Source Localization on a Metal Plate Using a Non-Contacting Acoustic Sensor Array.

Jessica Lynn King, Field of Specialization: Biomedical Engineering. Dissertation: Polymer Scaffold Approaches to Enhance Monitoring and Treatment of Type 1 Diabetes.

Madison Knapp, Field of Specialization: Chemistry. Dissertation: Understanding the Reactivity and Regulation of Enzymes in Chlorophyll Metabolism.

Daehyun Ko, Field of Specialization: Environmental Engineering. Dissertation: Sustainable Wastewater Management Decision-Making Process and Its Application to Water Resource Recovery Facilities.

Dylan Avery Kovacevich, Field of Specialization: Mechanical Engineering. Dissertation: Bulk Active Acoustic Metamaterials.

Gabrielle Kubi, Field of Specialization: Education and Psychology. Dissertation: C*onversations in Color*: Conceptualizing an Intersectional Awareness of Anti-Black Gendered Racism Among University-Based Black Girls.

Amanda Marie Kubic, Field of Specialization: Comparative Literature. Dissertation: Animating Antiquity: Classical (Dis)embodiments by Modern Women.

John Robert Kuchta, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Unconventional Advancements in Single Crystal, Time-Encoded Imaging.

Nicholas Graves Kyriacou, Field of Specialization: Physics. Dissertation: Studying Production of Multiple Higgs Bosons at the Large Hadron Collider.

Brian Yuan Lai, Field of Specialization: Aerospace Engineering. Dissertation: Theory, Extensions, and Applications of Recursive Least Squares.

Andrew Lamkin, Field of Specialization: Aerospace Engineering. Dissertation: Aeropropulsive Design Optimization of a High-Bypass Turbofan Engine.

Lindsey Marie Lammlin, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Regulators of Joint Inflammation, Nociception, and Synovial Biology in Post-Traumatic Osteoarthritis.

Hannah Larson, Field of Specialization: Mechanical Engineering. Dissertation: Examination of the Influence of Automated Spacecraft Motion on Operational Decision-Making in Autonomous Rendezvous & Docking Maneuvers.

Kelly M. Larson, Field of Specialization: Biomedical Engineering. Dissertation: Improving Generation and Transplantation of Human Stem Cell-Derived Beta Cells for Treatment of Type-1 Diabetes.

Han Gia Le, Field of Specialization: Mathematics. Dissertation: Log-Determinant of the Laguerre Beta Ensembles and Free Energy of the Bipartite Spherical Sherrington-Kirkpatrick Model.

Thu Le, Field of Specialization: Environmental Health Sciences. Dissertation: Novel Means for Manipulating Bacterial Communities with Applications in Plant Growth Enhancement and Pathogen Reduction.

Jennifer Ting-Yun Lee, Field of Specialization: Nutritional Sciences. Dissertation: Investigating the Role of Dietary Patterns and Methyl-Donor Nutrients During Critical Developmental Windows on DNA Methylation in Adolescents.

Joseph Grady Letner, Field of Specialization: Biomedical Engineering. Dissertation: Characterizing Carbon Fiber Electrodes for Their Application in Wireless Networks of Submillimetric Neural Interfaces.

Jinyang Li, Field of Specialization: Computer Science and Engineering. Dissertation: Unfairness Detection and Evaluation in Data-driven Decision-making Algorithms.

Shiting Li, Field of Specialization: Bioinformatics. Dissertation: Toward Precision Oncology for HPV-Associated Head and Neck Cancer (HNC): Multi-Omics Analysis and Machine Learning.

Geyu Liang, Field of Specialization: Industrial and Operations Engineering. Dissertation: Efficient Sparse Representation Learning with Applications in Personalized and Explainable AI.

Matthew Thomas Liberti, Field of Specialization: English Language and Literature. Dissertation: Representing the Gaps: Language Relations in the Writing of Berger, Scego, Lahiri, and Kaygusuz.

Doctor of Philosophy

Derek Alexander Lief, Field of Specialization: Business Administration and Political Science. Dissertation: Exploring Non-Monetary Incentives: The Influence of Religion and Other Factors on Employee Behavior and Entrepreneurship.

Chien Erh Lin, Field of Specialization: Robotics. Dissertation: Multi-Modal Geometric Learning for Robot Localization.

Tzu-Yuan Lin, Field of Specialization: Robotics. Dissertation: Computational Symmetry and Learning for Generalizable Robot Perception.

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Xin Ren Tan
Patrick N. White

Nuclear Engineering and Radiological Sciences

Md Rafiul Abdussami
Maxime Amans
Nicholas Patrick Clancy
Jesus Diaz Alcala
Loc Ba Duong
Joseph Lorenzetti
Daniele Fatto Offidani
Nicholas Anthony Ruehle
Isaac Connorran Sarbacker
Xintong Xu

MARSAL FAMILY SCHOOL OF EDUCATION

Founded in 1921, Elizabeth Birr Moje, Dean

Certificate of Graduate Studies

Learning Experience Design

Leyah Dizon
Tara Dorje
Katie Rose Kunkel
Leeb Song
Jingyi Yang

Master of Arts

Educational Leadership and Policy

Liam Fries
Katie Rose Kunkel
Akash Malkannagari
Melanie Mickel
Alexis Arianna Verhil
Akash Watsa
Amanda Zall

Educational Studies

Ahmad Almansoor
Madeline Dickens
Leyah Dizon
Joseph Andrew Kind
Bangju Luo
Danielle Young Moragne
Phuong Nguyen
Benjamin William Royal
Endia Scales
Leeb Song
Patrick Vergeldt
Ao-fan Wang
Zhijun Wang
Jingyi Yang
Jada Young
Ruijie Zhao

MARSAL FAMILY SCHOOL OF EDUCATION

Master of Arts

Higher Education
Brianna Hull-Dennis
Caitlin LaFontaine
Hairou Ren
Dani Williams

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

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

Certificate of Graduate Studies

Industrial Ecology
Sarah Gorman
Paige Greenberg

Sustainability
Nishitha Jain
Russell Lin
Mengfan Yu

Master of Landscape Architecture

Landscape Architecture
Emily E. Brent
Brooke Rose Bulmash
Grace Mary Carbeck
Christina Nicole Contreras
Alexa Renè Garnet
Ren Hoff-Miyazaki
Rachel Kerr
Daniel Lim
Yue Lu
Deliang Lyu
Myles Daniel Markey
Kaia McKenney
Kammer Ross Offenhauser
Jayna Sames
Shiru Xu
Jing Yan
Teresa Renee Zbiciak

Master of Science

Environment and Sustainability
Rizqi Akbar
Abdul Alotaibi
Jean Poll Alva Araujo
Brittany May Amaral
Samantha Anders
Lian Anderson
Tara Apo-Priest
Carlina Arango
Mariam Aziz
Tyler Baird
Lucy Baker
Victoria Josephine Ballor
Seth Bartos
Ludo Behrendt
Sarah Bibb
Nanda Bisgar
Alex Bissell
Ana Mahala Boyd
Emily E. Brent
Sarra Jane Bridges
Nora Bundy
James Burnham
Olivia Butts
Trece Bye
Xiuyu Cao
Grace Mary Carbeck
Edward Carrington
Yidan Chang
Jialu Chen
Sai Cheruvu
Yunjoo Cho
Isaiah Clark
Katelyn Connelly
Christina Nicole Contreras
Margaret Rose Cooney
Bridget Corwin
Alexandra Hope Crilley
Valerie Nicole Crum
Bridget Damon
Anna Davies
Sarah Davis
Lilianna DeFilippis
John Delisa
Jacqueline Dorman
Nia Dubón-Robinson
Megan Eakin
Alicia Echeveste Sanchez
Kelly Egusa
Michael Enda
Qitong Fan
Peggy Ferguson
Jeffrey Ferrer
Calvin Floyd
Margaret Fornes
Sophie A. Geoghan
Matthew Gerber
Maria Priscila Eliza Ivoeney Dhenge Gili
Daniela Francesca Giordano
Aditi Gonnade
Sarah Gorman
Shwetha Govindan
Antara Das Green
Paige Greenberg
Warren Louis Gunn
Andrew Greer Haeger
Rachel Hain
Sara Haleblian

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

Master of Science

Environment and Sustainability

Alex David Hamilton
Yuxin He
Shiloh Hedgecock
Chloe Hernandez
Evan Jerome Hill
Jana Sophia Hustedt
Alana Hutka
Joshua Vincent Ische
Lashaun Ontenay Jackson
Gokulakrishnan Jayakumar
Caleb Christian Jelsma-Cale
Andrew Johnson
McKenna Johnson
Evan James Joneson
Anne Elizabeth Kartheiser
Megan Elizabeth Kastelen
Jacob Kennedy
Rachel Kerr
Aditi Khandare
Patrick Michael Killian
Ceci Kimball
Kendall Grace Koenen
Mary Margrit Kolleth
Alex Kutsupis
Cyan Lee
Haolin Li
Kunxi Li
Muqianqian Li
Wanqi Li
Vincent Lipari
Qingyue Liu
Yaorong Liu
Sol Llanes
Yue Lu
Gail R. Lyons
Deliang Lyu
Praveen Luke Mahendran
Samantha Jo Maldonado
Caitlin Maloney
Haixiang Mao
Anagha Margasahayam
Myles Daniel Markey
Hillary Paige McKenzie
Miriam Megdal
Abigail Merolle
Katie Militello
Lauren Mleczko
Brigid Morgan
Tre'Nard Deon Morgan
Cheyenne Morris
Zhongrui Ning
Mahima Obhrai
Kammer Ross Offenhauser
Suliyat Olagbenro
Sara Olmsted
Gupteswara Padhy
Vatsal Parikh
Lyric Patterson
Joshua Phan-Gruber
Ryan Piatt
AiLi Helene Pigott
Alexander Jacob Portnoy
Gwynne Morgan Powell
Sarah Ramsey
Jamie Ranger
Jennie Rhodes
Morgan Olyvia Riggs
Abby Rogers
Haley Saxe
Emily Schultheis
Pete Schultz
Masha Serguievski
Naajia Ikhlas Shakir
Matthew R. Sherrard
Sean Kent Skinner
Alaina Smith
Annika Paige Smuts
Michael Muhammad Somantri
Julie Souryavong
Dan Spellman
Robert Eber Karl Squiers
Loren Steinberg
Sophia B. Steppe
Haidee Sticpewich
Seth Strauss
Emily Stuller
Chi Sun
Maryam Syed
Lauren Talbot
Samuel Prather Talsma
Troy Anthony Tofil
Roujia Tong
Erika Renee Vest
Tien Vo
Jo Walker
Henry DeForest Wallison
Lingyu Wang
Yihan Wang
Yujing Wang
Jenna Weinstein
Sameera Reanne White
Hollie Wilburn
Parker Wise
Annie Wisner
Theodore J. Wood
Monica Woodruff
Changtong Wu
Zhuxin Wu
Longjiao Xie
Longyu Xue
Jing Yan
Jiatai Yang
Siqi Yang
Ryan Yip
Arslan Younas
Cailin Anne Young
Yuxiao Yue
Macy Zalud
Letitia Zhang
Rongkai Zhong
Yinjiao Zhong
Aslan Zhou

Natural Resources and Environment

Xindi Huang

SCHOOL OF MUSIC, THEATRE & DANCE

Founded in 1929, David A. Gier, Dean

Certificate of Graduate Studies

Arts Entrepreneurship and Leadership
Skyler Digby MacKinnon

Music Theory Pedagogy
Gabriel Merrill-Steskal

Master of Arts

Media Arts
Erfun Ackley
Michael John Cella
Margaret Kogos

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1931, Jonathan Massey, Dean

Certificate of Graduate Studies

Healthy Cities
Mary Byron
Lauren Brooke Pettinga

Real Estate Development
Will Byrne
Alexa Marianne Chiroussot-Chambeaux
Ying-Chi Tsui
Thomas Daskas
Akash S. Mattu
Lukas Stanat
Christine Yuqing Wang
Ying Wang
Marcellous Fifer Weaver
Brendin Hager Yatooma
Shuxin Yin
Judy Zhang

Urban Informatics
Brooklyn Peppo

Master of Science

Architecture Design and Research
Xiujin Liu

Master of Urban and Regional Planning

Aisha Saeed Rashid Jasim Al Ali
Carlina Arango
Naomi Bailey
Christian Bradley Beswick
Calvin Wilson Blackburn
Sukhmony Brar
Brooke Rose Bulmash
Nora Bundy
James Daye
Nikunj Dholay
Charlie Dimitry McCann
Audrey Dombro
Rebecca Griswold
Chelsea Hampton
Zhongyi He
Ellison Hersch
Jøn Kent
Russell Lin
Tre'Nard Deon Morgan
Stefan Nielsen
Brooklyn Peppo
Dmitri Samuel Rudakewich
Lawson Schultz
Mischa Schwadron
Naajia Ikhlas Shakir
Christine Yuqing Wang
Marcellous Fifer Weaver
Parker Wise
Haosheng Xie
Allison Yu
Jinren Yuan
Wenjing Zhang
Estella Zhang Qiming

SCHOOL OF PUBLIC HEALTH

Founded in 1941, F. DuBois Bowman, Dean

Master of Science

Biostatistics

Ruoer Bei
Jiaqi Chen
Siqiao Chen
Kalpana Das
Neyan Deng
Zhuoxin Fu
Yuhan Geng
Siyu Gong
Yuge Gu
Kexin Guo
Wanlin Guo
Ruoxi Hao
Nathan Hemenway
Gongyin Hong
Yiren Hou
Miaojin Hu
Yueying Hu
Weixiong Hua
Brandon Hutchison
Aditya Jalin
Anqi Li
Jack Li
Kexin Li
Mimi Li
Mingrui Li
Shiyang Li
Zixin Li
Chenxing Liao
Yi Liu
Yuan Lu
Yuanqing Lu
Zifei Luo
Yang Meng
Elise Amanda Miller
Zhouchi Ni
Yuxiao Nie
Sooyeon Oh
Mary Owusu Bonsu
Sicheng Qian
Chinmay Raut
Lillian Rountree
Kirill Alexandrovich Sabitov
Sean Sun
Nathan Szeto
William Tackett
Tommy Tang
Bulun Te
Jacob Vidergar
Hongjian Wang
Xiaolong Wang
Xinwei Wang
Ziqi Wei
Ethan Andrew Werner
Walter Thomas Williamson
Yue Wu
Jiayuan Xiao
Sylvan Xu
Jiongxuan Yang
Beiqin Ye
Qinyao Yu
Yue Yu
Zibo Yu
Xintong Zhai
He Zhang
Lukas Zhang
Xin Zhang
Xueying Zhang
Haotian Zheng
Jialu Zhou
Lingxuan Zhu

Clinical Nutrition

Fatima A. Khan

Computational Epidemiology and Systems Modeling

Seth Corbridge

Environmental Health Sciences

Chigozie Agwuncha
Andrew Hoover
Amy Kuritzky

Health Data Science

Hong Cao
Ruiyang Dong
Zihao Han
Zhengrui Huang
Rong Ji
Liancheng Lu
Wenfei Mao
Zihan Wang
Jeffrey Frank Waters
Xiaomeng Xu
Charlotte Xu
Jingchao Yang
Xinyu Zhang
Zeyue Zhang
Haoyi Zheng

Nutritional Sciences

Keeley Alexander
Madelyn Jones
Karly Miller
Junqi Ren
Sakshi Sarda
Jingyi Tan
Chenxi Xu
Delores Zeng
Yijun Zou

Toxicology

Rachel Garabedian
Alana Nicole Olendorf
Amanda Schlecte

SCHOOL OF SOCIAL WORK

Founded in 1951, Beth Angell, Dean

Certificate of Graduate Studies

Community Action and Research
Deepansha Singh

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Laurence Alexander, Chancellor

COLLEGE OF ARTS AND SCIENCES

Master of Arts in Arts Administration

Nichelle Morrison
Morgan L. Nichols
Aubrey C. North
Tessa L. Pauls

Master of Arts in Liberal Studies

Steven M. Anguish
James Dehuelves
Trina J. Downer
Samantha Rorabaugh
Theda Simmonds

Master of Public Administration

Aaliyah Buell
Alexis Lawrence
Maeko L. McGovern
Lalitha Ramaswamy
Joshua D. Rutledge
Ryan R. Seifferlein
Kevin W. Sellon
Dusty D. Smock

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1959, Domenico Grasso, Chancellor

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Master of Science

Engineering Management
Stephen T. Jacob

UNIVERSITY OF MICHIGAN-DEARBORN

Doctor of Philosophy

Computer & Information Science
Dhia Elhaq Rzig

Electric, Electronics, and Computer Engineering
Mansi Girdhar
Amal Kacem
Khalil Zbiss

Industrial & Systems Engineering
Isaiah Olufemi Oyewole

Mechanical Sciences & Engineering
Mahmoud Golestanian
Osama Habbal
Maytham Ghassan Ismail

PENNY W. STAMPS SCHOOL OF ART & DESIGN

Founded in 1974, Carlos Francisco Jackson, Dean

Master of Fine Arts

Art
Hannah Buchanan
Sam Griffith
Laura Kathleen Mackie
Andy Maticorena
Okyoung Noh
Charlie Reynolds
Darren Spirk

SCHOOL OF KINESIOLOGY

Founded in 2008, Lori Ploutz-Snyder, Dean

Certificate of Graduate Studies

Physical Activity and Nutrition
Yuezhuang Liu
Aila Salinas-Romero
Tina G. Sassine
Logan J. Tillman
Qiwen Yan

Master of Science

Athletic Training
Allison Matschke Brehm
Marika Dow
Rachel Marie Drogs
Haputhanthrige Jan Ysabelle Mariano Fernando
Ashley Gabrielle Forge
Haley Freer
Olivia Rose Gahwyler
Izzy Gutierrez
Addison Homeier
Jacob Christopher Johnson
Taylor Rae Jones
Sarah Miller
Kyra Nidds
Stephanie Anne Probert
Taylor Skraba
Desiree Tucker

Movement Science
Delaney Bezenah
Brianna Buchanan
Lucas Eccleton
Katherine Elder
Reyna Danielle Guggino
Mohammed Hamed
Megan Elise Johannes
Katrina Elizabeth McGuire
Andrew Pan
Noelani Shivaughn Phillips
Melissa Siemen
Brei Snyder
Isaac Stein
Leia Till
Cally Wacaster

Sport Management
Julia Brennan
Petros V. Chrisos
Aiden Felty
Junkai Han
Avalon Zahara Markus Lebenthal

SCHOOL OF KINESIOLOGY

Master of Science

Sport Management

Feiting Li
Jade Lyons
Kalvin McIntosh
Mia Michaels
Max Moore
Michael Pels
Conner Pierce
Kendyl Reaugh
Hairou Ren
Natalie Kilar Smith
Luke Steffke
Ryan John Sweeney
Amanda Valle
Tianyi Xiong
Haoyu Yu

UNIVERSITY OF MICHIGAN GRADUATES

August 2025

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

Certificate of Graduate Studies

Science, Technology, and Society
Ember McCoy

World Performance Studies
Gavin B. Ryan

Master of Arts

International and Regional Studies
Alfred Momodu

Master of Science

Chemistry
Quang Dinh Tran

Data Science
Naman Bhargava

Mathematics
Grant D. Murphy

MEDICAL SCHOOL

Founded in 1850, Marschall S. Runge, Dean

Certificate of Graduate Studies

Precision Health
Ariella Hoffman-Peterson

Master of Science

Bioinformatics
Alexander Cole Monovich

Health Infrastructures and Learning Systems
Florence Hurley
Joel Kilpatrick
Candice Stegink

Human Genetics
Morgan Carpenter

Pharmacology
Arnaz Bharucha
Yiyi Cao
Sonal Sunil Ghodke
Yena Jin
Siri Sampagaonkar
An-Yun Teng
Esther Won
Yice Zhang

Physiology
Daniah Ammar-Hamid Algburi
Michael Donald Andres
Bridget Hannah Brady
Rujuta Chikodikar
Olivia Marie Craig
Nikita R. Daniel
Anne Katherine Dark
Giselle Farjo
Kaan Dogan Gurun
Dianna B. Hammoud
Maya Amber Dewan Hoffman
Madeline Claire Hoffmann
Boyan Hu
Romil Kaul Verma
Hanah Kurosawa
Alexis Marie Mitchell
Emma M. Ni
Jack Schaeffer
Avi Jacob Gessner Weingarten
Qingyang Zhao
Ivan Zolotov

SCHOOL OF DENTISTRY

Founded in 1875, Jacques Nör, Dean

Master of Science

Dental Hygiene
Anne Sin
Alicia Ann Smith

Endodontics
Fadi Elayyan
Nai-Hsuan Liao
Kuan-Wei Tung

Orthodontics
Lindsay Marie Anderson
Bilal Ashraf Chaudhary
Bethany Noelle Cook
Camille Herzog
Kenneth Li
Korey Wiersma Searle

Periodontics
Hoda Hamad R. Albaqawi
Chi Fan Chen
Rafael Pereira
Jacob Martin Zimmer

Prosthodontics
Marcel Hertanto
Mario Hertanto

COLLEGE OF PHARMACY

Founded in 1876, Vicki Ellingrod, Dean

Master of Science

Integrated Pharmaceutical Sciences
Alexander Alt
Kushagri Arora
Sanjana Kirthi Chimalakonda
Tianding Gu
Shuyun He
Hannah Maire Hulett
Yiran Huo
Zeinab Kanso
Justin Lee
Zijia Li
Jinbijia Ni
Arturo Rocha
Asil Salman
Wenxuan Wang
Hang Yan Wong
Zeyu Xia
Hugh Yang

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
Shunbo Qiu

COLLEGE OF ENGINEERING

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

Master of Science

Design Science
Ke Ding

Electrical and Computer Engineering
Jayeon Jason Yi

Robotics
Samantha Megan Staudinger

Master of Science in Engineering

Biomedical Engineering
Miranda Copenhaver
Gianna Paier
Jean-Pierre Pierantoni
Nina Marie Treacher

Computer Science and Engineering
Isabel Nicole Wang

Electrical and Computer Engineering
Scott B. Tran

Industrial and Operations Engineering
Thomas Aaron Adelman

Mechanical Engineering
Christian Joseph Nunez
Tom Zimet

MARSAL FAMILY SCHOOL OF EDUCATION

Founded in 1921, Elizabeth Birr Moje, Dean

Master of Arts

Educational Studies
Shynar Baitabynova
Isiah Ryan Bauzon
Jacklin Bose
Grace E. Chamberlain
Jack DeBona
Emalee Fields
Reika A. Fujiwara
Heather Hartman
Jennifer Hernandez
Jack Hill
Justin Junghoon Hyun
Michael James
Alexander Joseph Kochan
Matthew Shane Kopel
Lauren Elizabeth Langley
Zoe Lawson
Zhengkai Li
Ashleigh Lowe
Chase Luger
Mary Ann Mackoul
John Andrew Manke
Foster McDonald
Thalia McNeal
Ellis Malandra Mucchetti
Hannah Grace Piper
Ava Marie Richmond
Megan Elise Roth
Gwen Lauren Ruetz
Tessa Christine Salamin
Yanyu Shang
Nicky Sherrick
Ryan Silberg
Aquinnah Silverman
Brie Sloves
Bella Speen
Ryan Thomas Vennard
Madi Walther
Matthew Wines
Basil Winters
David Anze Zhang
Jiaqi Zhang

Higher Education
Autumn Joy Cole
Dayle Matheny

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

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

Master of Science

Environment and Sustainability
Diva Muhammad Alfirman
Mariana Canepa
Michaela Collins
Maria Di Cresce
Jasper Hsieh
Samuel Steiner Kocurek
Rein Li
Lizz Malloy
K.T. Meono
Gayatri Lakshmi Narayanan
Alex Ricketts
Mitali Sharma
Anusuya Singh
Skye Sun
Sailing Jane Tak Tang
Tara-Sky Woodward

SCHOOL OF PUBLIC HEALTH

Founded in 1941, F. DuBois Bowman, Dean

Master of Science

Clinical Nutrition
Yuzhe Ren
Wendy Zhang

Nutritional Sciences
Bingcong Li
Ruiqi Zhang

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Laurence Alexander, Chancellor

COLLEGE OF ARTS AND SCIENCES

Master of Arts in Liberal Studies

Mitchell Hansen
Luis Hernandez III
Jon'Tise B. Lewis

SCHOOL OF KINESIOLOGY

Founded in 2008, Lori Ploutz-Snyder, Dean

Certificate of Graduate Studies

Physical Activity and Nutrition
Yikai Liu

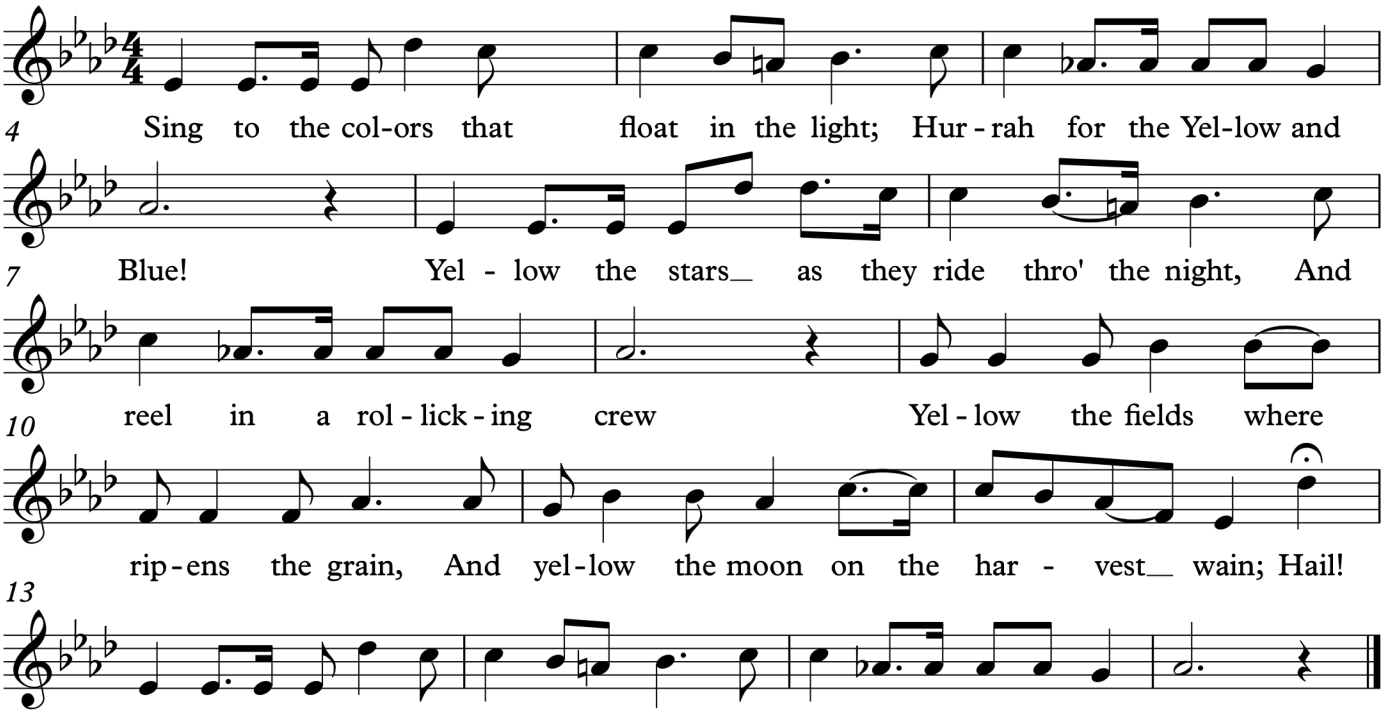
Master of Science

Athletic Training
Richard Hong

Sport Management
Cruz Moran

The Yellow and Blue

Michael W. Balfe



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As a public university and an institution committed to diversity of thought and freedom of expression, the University of Michigan has many forums where members of the University community, speakers, artists, invited guests, and/or the general public can express their views and opinions. Yet not all University spaces or events are forums where everyone is invited to speak, perform, or gather.

No one is entitled to substantially disrupt the lawful speech or activities of others.

If the hosts of this event or university representatives believe that disruptions are interfering unduly with an event, they will, typically, warn the disruptors, and if the warnings are not heeded, then the disruptors may be removed from the event.

Learn more on our website: **commencement.umich.edu**

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!

UNIVERSITY OF
MICHIGAN