



UNIVERSITY OF MICHIGAN

Rackham Graduate Exercises

April 29, 2016 | Hill Auditorium



RACKHAM GRADUATE EXERCISES UNIVERSITY OF MICHIGAN

April 29, 2016

10:00 a.m.

Candidates for graduate degrees are recommended jointly by the Executive Board of the Horace H. Rackham School of Graduate Studies and the faculty of the school 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 then by specialization, if applicable.

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A preliminary list of August 2016 degree candidates begins on page 41.

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

ORDER OF EXERCISES

| | |
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| Carillon Selections | Tiffany Ng <i>University Carillonneur and Assistant Professor of Music School of Music, Theatre & Dance</i> |
| Prelude | Pièce d'Orgue, BWV 572 <i>Composed by Johann Sebastian Bach</i> James Kibbie <i>University Organist and Professor of Music School of Music, Theatre & Dance</i> |
| *Processional | Trumpet Voluntary <i>Composed by Jeremiah Clarke</i> James Kibbie |
| *The National Anthem | The Star Spangled Banner Rehanna Thelwell <i>Soloist</i> <i>Master's of Music Candidate</i> <i>School of Music, Theatre & Dance</i> |
| Welcome | Martha E. Pollack <i>Provost and Executive Vice President for Academic Affairs</i> |
| Statement to the Class of 2016 | Mark S. Schlissel <i>President</i> |
| Musical Selections | Cantate Domino <i>Composed by Hans Leo Hassler</i> The University <i>Composed by Jerry H. Bilik and Hazen J. Schumacher</i> University of Michigan Men's Glee Club Eugene C. Rogers <i>Conductor</i> |
| Commencement Address | Mary-Claire King <i>American Cancer Society Professor of Medicine (Medical Genetics) and Professor of Genome Sciences</i> <i>University of Washington</i> |
| Remarks on Behalf of the Horace H. Rackham School of Graduate Studies | Carol A. Fierke <i>Dean, Horace H. Rackham School of Graduate Studies and Vice Provost for Academic Affairs–Graduate Studies</i> |

**Candidates for Master's
Degrees and Certificates**

Mark S. Schlissel
Carol A. Fierke

**Presentation and Hooding
of Doctoral Candidates**

Mark S. Schlissel
Carol A. Fierke

Congratulations

Ralph Johnson
Chair of the Board of Directors, Alumni Association

***The Alma Mater**

The Yellow and Blue
Composed by Michael W. Balfe
University of Michigan Men's Glee Club and the audience
Accompanied by James Kibbie
(see words on back cover and melody on page 48)

***Recessional**

Toccata from Symphony V
Composed by Charles-Marie Widor
James Kibbie

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 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 lobby. For your convenience, live audio is provided in the main lobby so you may continue to enjoy the ceremony.

REGENTS OF THE UNIVERSITY

| | |
|-----------------------|--------------------|
| Michael J. Behm | Grand Blanc |
| Mark J. Bernstein | Ann Arbor |
| Laurence B. Deitch | Bloomfield Hills |
| Shauna Ryder Diggs | Grosse Pointe |
| Denise Ilitch | Bingham Farms |
| Andrea Fischer Newman | Ann Arbor |
| Andrew C. Richner | Grosse Pointe Park |
| Katherine E. White | Ann Arbor |
| Mark S. Schlissel | <i>ex officio</i> |

EXECUTIVE OFFICERS

| | |
|---------------------|---|
| Mark S. Schlissel | <i>President</i> |
| Martha E. Pollack | <i>Provost and Executive Vice President for Academic Affairs</i> |
| Sally J. Churchill | <i>Vice President and Secretary of the University</i> |
| E. Royster Harper | <i>Vice President for Student Life</i> |
| Kevin P. Hegarty | <i>Executive Vice President and Chief Financial Officer</i> |
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| Cynthia H. Wilbanks | <i>Vice President for Government Relations</i> |
| Susan E. Borrego | <i>Chancellor University of Michigan-Flint</i> |
| Daniel Little | <i>Chancellor University of Michigan-Dearborn</i> |

DEANS AND REPRESENTATIVES

| | |
|-------------------------|--|
| Deborah Loewenberg Ball | <i>Dean, School of Education</i> |
| Daniel G. Brown | <i>Interim Dean, School of Natural Resources and Environment</i> |
| Susan M. Collins | <i>Joan and Sanford Weill Dean of Public Policy, Gerald R. Ford School of Public Policy</i> |
| James T. Dalton | <i>Dean, College of Pharmacy</i> |
| Alison Davis-Blake | <i>Edward J. Frey Dean of Business, Stephen M. Ross School of Business (represented by Associate Dean Francine Lafontaine)</i> |
| Aaron P. Dworkin | <i>Dean, School of Music, Theatre & Dance (represented by Associate Dean Jason Geary)</i> |
| Carol A. Fierke | <i>Dean, Horace H. Rackham School of Graduate Studies and Vice Provost for Academic Affairs–Graduate Studies</i> |
| Thomas A. Finholt | <i>Interim Dean, School of Information</i> |
| Robert L. Fishman | <i>Interim Dean, A. Alfred Taubman College of Architecture and Urban Planning</i> |
| James L. Hilton | <i>University Librarian and Dean of University Libraries</i> |
| Laura Lein | <i>Dean, School of Social Work (represented by Director and Professor Berit Ingersoll-Dayton)</i> |
| Andrew D. Martin | <i>Dean, College of Literature, Science, and the Arts</i> |
| Laurie K. McCauley | <i>Dean, School of Dentistry</i> |
| David C. Munson | <i>Robert J. Vlasic Dean of Engineering, College of Engineering (represented by Associate Dean Jennifer Linderman)</i> |
| Gunalan Nadarajan | <i>Dean, Penny W. Stamps School of Art & Design</i> |
| Martin Philbert | <i>Dean, School of Public Health</i> |
| Kathleen Potempa | <i>Dean, School of Nursing</i> |
| Marschall S. Runge | <i>Dean, Medical School (represented by Associate Dean Mary O’Riordan)</i> |
| Mark D. West | <i>Dean, Law School</i> |
| Ronald F. Zernicke | <i>Dean, School of Kinesiology</i> |

COMMENCEMENT SPEAKER



Mary-Claire King

Pioneering molecular geneticist Mary-Claire King is a world leader in cancer genetics and the use of genomics to address social injustice. Dr. King, the American Cancer Society Professor of Medicine (Medical Genetics) and of Genome Sciences at the University of Washington, identifies and characterizes critical genes in families and populations. She led the discovery and identification of BRCA1, a gene that when mutant increases the vulnerability of women to breast cancer. The 1990 proof of existence of BRCA1, and its cloning in 1994, were early steps in the application of human genetics to identify and treat inherited disease. She has also led the campaign to bring testing for BRCA1 to the clinic and advocates that all women, even those without a family history of the disease, be offered testing for mutations predisposing to breast cancer. Additionally, she has spoken persuasively about the harm of patenting genes, which limits their clinical use. Born in Wilmette, Illinois, Dr. King earned a B.A. degree in mathematics (1967) from Carleton College and a Ph.D. in genetics (1973) from the University of California, Berkeley, where she demonstrated that humans and chimpanzees are 99 percent genetically identical. After postdoctoral training at the University of California, San Francisco, she held faculty appointments in genetics at Berkeley from 1976 until 1995, then joined the faculty at the University of Washington. Dr. King has published more than 300 journal articles. She works with scientists around the world, including at the University of Michigan, to identify genetic causes of hearing loss and cloned one of the first genes for non-syndromic deafness. She also studies genetic bases of influences on schizophrenia and severe congenital disorders. In 1984, in response to requests from grandmothers in Argentina, she developed the use of mitochondrial DNA to identify children who were stolen from dissidents' families during Argentina's Dirty War between 1975 and 1983. She also has used these genetic tools to identify victims of violence in Bosnia, Cambodia, El Salvador, Ethiopia, Guatemala, and Rwanda. A past president of the American Society for Human Genetics, she contributes to the Human Genome Diversity Project, which seeks to advance understanding of human evolution and historical migrations. Dr. King is a member of the American Academy of Arts and Sciences, American Philosophical Society, and the National Academy of Sciences. Among other honors, she received the Peter Gruber Foundation Genetics Prize, the A.H. Heineken Prize for Medicine from the Royal Netherlands Academy of Arts and Sciences, and the Paul Ehrlich and Ludwig Darmstaedter Prize. She was recognized in 2014 with the Lasker Foundation Special Achievement Award in Medical Science.

Dr. King, through your internationally recognized advances in basic and applied molecular genetics you have transformed the diagnosis and treatment of breast cancer and other diseases. You also masterfully apply genomic tools to address global humanitarian crises, providing a role model for students in the sciences and all who are committed to achieving a more just world. We celebrate your leadership and contributions to medical science, higher education, and human rights. The University of Michigan is pleased to present to you the honorary degree, Doctor of Science.

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 and so it is fitting that dissertation chairs of the doctoral graduates be asked to attend the ceremony and hood their students.

Sarah M. Aciego
Hyun-Soo Ahn
Allison Elizabeth Aiello
Rayhaneh Akhavan
Benjamin Allen
Elizabeth Ann Armstrong
Thomas J. Armstrong
Ellen M. Arruda
Ella Marie Atkins
Michael Abbott Bachman
Michael Donald Bailey
Deborah Loewenberg Ball
Mark M. Banaszak Holl
Marlyse Baptista
Kira L. Barton
Jose Arturo Bauermeister
Satinder Singh Baveja
Asim Beg
Giorgio Bertellini
Pallab K. Bhattacharya
Matthew Nicholas Biro
Jerry O. Blackstone
Anthony M. Bloch
Joel D. Blum
Michael Lee Boehnke
Blaise Boles
Ted Brader
Diann Erbschloe Brei
Leah Ann Bricker
Joseph L. Bull
Eunshin Byon
Michael John Cafarella
Scott D. Campbell
Xiuli Chao
Matt R. Chapman
Tabbye Chavous
Cynthia Anne Chestek
Arul M. Chinnaiyan
Mark Clague
William Robert Clark
Roy Clarke
Kathleen L. Collins
Colleen M. Conway
Keith E. Cook
James W. Cutler
William Todd Dauer
Patricia J. Deldin
Hui Deng
Madhav Deshpande
Robert Dick
Susan J. Douglas
Ronald Dreslinski, Jr.
Basil J. Dufallo
Edmund H. Durfee
Geoff Eley
Michael R. Elliott
Henriette Dina-Maria Elvang
Carlos C. Engler-Pinto, Jr.

Bogdan Epureanu
Georg Essl
Ryan M. Eustice
Karen Bell Farris
Jeffrey A. Fessler
Carol Fierke
Daniel C. Fisher
Barry Jay Fishman
Mark G. Flanner
Betsy Foxman
Robert J. Franzese, Jr.
Katherine Freese
Almantas Galvanauskas
George A. Garcia
Elaine K. Gazda
Jason E. Gestwicki
Brent Gillespie
David Ginsburg
Anouck Renee Girard
Sharon C. Glotzer
Rachel S. Goldman
Peter F. Green
Deborah L. Gumucio
Lingjie Guo
Lorraine M. Gutierrez
J. Alex Halderman
David Halen
Richard L. Hall
John W. Halloran
Marcelline Ruth Harris
A. John Hart
Lucy Hartley
Xuming He
Sharon C. Herbert
Alfred O. Hero III
Jay L. Hess
Joseph Alan Himle
Jesse E. Hoffnung-Garskof
Heath Hofmann
Christopher L. House
S. Jack Hu
Nancy Rose Hunt
Vincent Hutchings
Dragan Huterer
Hong G. Im
Michael J. Imperiale
Edward L. Ionides
Lori Isom
Daniel Jacobson
Judy Jin
Vesa M. Kaartinen
Dale G. Karr
Webb Keane
Robert T. Kennedy
John Kieffer
Kenneth Kiesler
Emmanouil Kioupakis
Stuart A. Kirsch

Jeonghan Ko
David H. Kohn
Kenneth W. Kollman
Ilya Vladimir Kolmanovsky
Yoram Koren
Nicholas Kotov
Greta R. Krippner
Pei-Cheng Ku
Kevin Joel Kubarych
Benjamin Kuipers
Arthur D. Kuo
John Y. Kuwada
Joerg Lahann
John E. Laird
Joseph S. C. Lam
Edward W. Larsen
Finn Larsen
Ronald G. Larson
Matthew D. Lassiter
Fiona Lee
Jon Lee
Reuven Lehav
Nicolai Lehnert
Alaina Lemon
Andrei A. Levchenko
Jun Li
Xiaogan Liang
Andrew P. Lieberman
Suljo Linic
James T. Liu
Mingyan Liu
Kyger C. Lohmann
Nestor Luis Lopez-Duran
Nancy G. Love
Wei Lu
Jonathan E. Luntz
Scott Mahlke
Stephen Maldonado
Annalisa Manera
Anna K. Mapp
Jason Mars
E. Neil G. Marsh
Jason Brian Martz
Mario L. Mateo
Kenneth Mori McElwain
Darren S. McKague
Timothy A. McKay
Anne Jennifer McNeil
Qiaozhu Mei
Carlos F. Mendes De Leon
Roberto D. Merlin
Mark E. Meyerhoff
Ann L. Miller
Christopher John Miller
Gregory Smith Miller
Kevin F. Miller
John C. Mitani
Harry L.T. Mobley

DISSERTATION CHAIRS

Elizabeth B. Moje
John D. Monnier
Charles W. Monroe
Arnold S. Monto
Michael R. Moore
Henry I. Mosberg
Pamela Ann Moss
Trevor N. Mudge
Andrew G. Muntean
Martin J. Murray
Martin G. Myers, Jr.
Sunitha Nagrath
Vijayan N. Nair
Satish Narayanasamy
Alexey Nesvizhskii
David L. Neuhoff
Mark W. Newman
Jun Ni
Douglas C. Noll
Jacques Eduardo Nor
Patrick O'Brien
Carla O'Connor
Suzanne E. Ohmit
Chinedum Emmanuel Okwudire
David P. Olson
Edwin Olson
Marie Sylvia O'Neill
John M. O'Shea
Jwo Pan
Xiaoqing Pan
Damani James Partridge
Vincent L. Pecoraro
Carmen Pelton
Huei Peng
Marc Perlin
Derek R. Peterson
Jamie Dean Phillips
Brian Anthony Pierchala
Kevin Patrick Pipe
Anne Pitcher
Scott Pletcher

David S. Potter
Christopher James Poulsen
Sara A. Pozzi
Kartik Prasanna
James M. Rae
Ayyalusamy Ramamoorthy
Stephen C. Rand
Lutgarde M. Raskin
Aaron James Ridley
Keith Riles
Eugene Cardell Rogers, Jr.
Edwin Romeijn
Matthew Stephen Ronfeldt
Brian P. Rowan
Christopher S. Ruf
Denise Saint Arnault
Linda C. Samuelson
Kamal Sarabandi
Maureen A. Sartor
Phillip E. Savage
Silvio Savarese
Gerald Patrick Scannell
Anna A. S. Schwendeman
Steven P. Schwendeman
Rebecca J. Scott
Jeremy D. Semrau
Trina R. Shanks
Siqian May Shen
Albert J. Shih
Donald Jason Siegel
David Jacob Singer
Matthew Bryan Soellner
Michael J. Solomon
Nancy Butler Songer
Anna G. Stefanopoulou
George P. Steinmetz
Duxin Sun
Jing Sun
Dennis M. Sylvester
Nathaniel Szymczak
Shuichi Takayama

Lingjia Tang
Xiaobing Tang
Demosthenis Teneketzis
Alexander George Roy Thomas
Levi Theodore Thompson
Robert Thompson
Katsuyo S. Thornton
Michael Thouless
John R. Traynor
Douglas Trevor
Adam Unsworth
Raymond H. Van Dam
Mark Peter Van Oyen
Sarah Veatch
Eduardo Villamor
Angela Violi
Brenda L. Volling
Kendall L. Walton
Lucretia M. Ward
Gary S. Was
Stephen J. Weiss
Michael P. Wellman
John F. Whitaker
Cristen J. Willer
Gareth Williams
Jeffrey A. Wilson
Mark L. Wilson
Elizabeth R. Wingrove
James H. Woods
Margaret S. Wooldridge
Haoxing Xu
Yukiko Yamashita
Zhenhua Yang
Bing Ye
Dimitrios Zekkos
Edward T. Zellers
Kai Zheng
Marc A. Zimmerman
Michal R. Zochowski
Jon K. Zubieta

MARSHALS OF THE UNIVERSITY

| | |
|--------------------|---|
| Mika LaVaque-Manty | <i>Presidential Bicentennial Professor Arthur F. Thurnau Professor Associate Professor of Political Science and Philosophy College of Literature, Science, and the Arts Chief Marshal</i> |
| Valeria Bertacco | <i>Professor of Electrical Engineering and Computer Science College of Engineering Assistant Chief Marshal</i> |
| Leigh A. Woods | <i>Professor of Theatre and Drama School of Music, Theatre & Dance Assistant Chief Marshal</i> |

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
College of Engineering
Horace H. Rackham School of Graduate Studies
A. Alfred Taubman College of Architecture and Urban Planning
School of Education
Stephen M. Ross School of Business
President's flag
University flag
Regents' flag
School of Natural Resources and Environment
School of Music, Theatre & Dance
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
Gerald R. Ford School of Public Policy

FLAG BEARERS

Alfred Ogola Okello
Horace H. Rackham School of Graduate Studies Flag
Cynthia A. Hudgins
University Flag

ACADEMIC COLORS

The colors of the various disciplines are as follows:

| | |
|-----------------------------------|----------------------|
| 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> |
| 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> |
| Natural Resources and Environment | <i>russet</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> |

Mingled colors distinguish combined curriculums.

THE UNIVERSITY MACE

The University's mace, a symbol of authority, is carried at the head of academic processions on such important ceremonial occasions as commencements, convocations, and inaugurations. 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.

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

Established as a department in 1868, Pharmacy became a college in 1876, the first in any university in the United States. Today, the college has an average annual enrollment of 260 doctor of pharmacy and 70 graduate students, and is consistently ranked among the top pharmacy schools in the nation. The college offers the doctor of pharmacy degree; baccalaureate programs in medicinal chemistry and pharmaceutical sciences; and doctor of philosophy programs in medicinal chemistry, pharmaceutical sciences, and social and administrative sciences. Major areas of research include the biological, chemical, clinical, genomic, economic, and social aspects of drugs and therapeutic agents.

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.

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.

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 Education

The 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

Building on faculty and course offerings that began in the latter part of the 19th century, the school was formally established in 1924. Today, at all levels of instruction—bachelor's, master's, doctoral, and executive education—its programs rank in the top five among American institutions. Each year nearly 1,000 new School of Business graduates enter careers as business professionals and teacher-scholars, joining the approximately 37,000 who already serve in leadership positions in business, government, and academic institutions throughout the world.

School of Natural Resources and Environment

The School of Natural Resources and Environment's overarching objective is to contribute to the protection of the Earth's resources and the achievement of a sustainable society. Through research, teaching, and outreach, faculty, staff, and students are devoted to generating new knowledge and developing policies, techniques, and skills to help practitioners manage and conserve natural resources to meet the full range of human needs on a sustainable basis. The school jointly administers the undergraduate Program in the Environment, and it offers master's and doctoral programs in ecological, social, and design sciences.

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.

School of Nursing

The School of Nursing has held an unsurpassed reputation of excellence for more than 100 years. It has been a national leader in the advancement of nursing knowledge and the promotion of new trends in health care. The School's baccalaureate programs include a four-year B.S.N. program, a second career nursing program, and an R.N.-B.S.N. completion program. At the master's level, the School of Nursing, through the Horace H. Rackham School of Graduate Studies, offers advanced study in clinical specialist, nurse practitioner, and management roles. The school'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

The history of the School of Public Health dates back to 1881, when the first course in sanitary science was taught in the College of Literature, Science, and the Arts. Established in 1941, the school has awarded master of public health, master of science, master of health services administration, and doctor of public health degrees to more than 13,000 students. Doctor of philosophy programs were established in 1947 and now include concentrations in biostatistics, environmental health sciences, epidemiology, health behavior and health education, and health management and policy. Key areas of research include vaccine development, air and water quality, reproductive and women's health, and health care costs, quality, and access.

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.

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.

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.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Founded in 1912, Carol A. Fierke, Dean and Vice Provost for Academic Affairs–Graduate Studies

Candidates for degrees granted April 29, 2016

Doctor of Musical Arts

Ariane Guingona Abela, Field of Specialization: Conducting (Choral).

Melisse Brunet, Field of Specialization: Conducting (Orchestral).

Martha A. Guth, Field of Specialization: Music Performance.

Hyo Rim Han, Field of Specialization: Music Performance.

Caroline Nicole Steiger, Field of Specialization: Music Performance.

Doctor of Philosophy

Sarah Miranda Aarons, Field of Specialization: Geology. Dissertation: Evidence of Regional and Global Climate Change in the Mineral Aerosol (Dust) Record from Ice Cores Through the Anthropocene and Pleistocene.

Nassim Abdul Samad, Field of Specialization: Mechanical Engineering. Dissertation: Improved Battery State Estimation Using Novel Sensing Techniques.

April Adams, Field of Specialization: Cancer Biology. Dissertation: Targeting Cancer Stem Cells in Mucoepidermoid Carcinoma.

Luciana Mihaela Aenasoaie, Field of Specialization: Anthropology and History. Dissertation: Weaving and Unraveling the Factory Town: Social Alterations and European Belonging in the Aftermath of Romanian Industrial Collapse.

Fuzuli Agri Akcay, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Prediction, Analysis, and Measurement of Ductile Fracture of Metals.

Ismail Fajrie Alatas, Field of Specialization: Anthropology and History. Dissertation: Aligning the *Summa* and the *Jamā'a*: Religious Authority and Islamic Social Formation in Contemporary Central Java, Indonesia.

Kristin Smith Alvarez, Field of Specialization: Educational Studies. Dissertation: Feedback for Teacher Learning and the Improvement of Instruction: Conceptualization, Preparation, and Practice.

Jojo Anamuah Amonoo, Field of Specialization: Applied Physics. Dissertation: Optimizing Energy Conversion in Organic Materials via Processing and Morphological Design.

Katherine R. Avery, Field of Specialization: Mechanical Engineering. Dissertation: A Predictive Framework for Thermomechanical Fatigue Life of High Silicon Molybdenum Ductile Cast Iron Based on Considerations of Strain Energy Dissipation.

Joshua Azevedo, Field of Specialization: Neuroscience. Dissertation: Anterior Cingulate MicroRNA Expression Differences in Mood Disorder Patients: Contrasts with Transcriptomic Analyses in an Animal Model of Depression.

Brittany Agius Bailey, Field of Specialization: Pharmaceutical Sciences. Dissertation: Development and Characterization of Novel Self-Encapsulating Poly(lactic-co-glycolic acid) Microspheres for Vaccine Delivery.

John Ira Bailey III, Field of Specialization: Astronomy and Astrophysics. Dissertation: Multiplexed High-Precision Radial Velocities: Searching for Hot Jupiters in Southern Open Star Clusters.

Suyoung Bang, Field of Specialization: Electrical Engineering. Dissertation: Circuit Techniques for Power Management Unit and Switched Capacitor DC-DC Converter.

Mattia Beghelli, Field of Specialization: Romance Languages and Literatures Italian. Dissertation: As Seen on TV: Programming Cinema and Entertainment in Italy in the Long 1980s.

Barry James Belmont, Field of Specialization: Biomedical Engineering. Dissertation: Multimodal Non-Invasive Hemodynamic Monitoring.

Aaron Matthew Bender, Field of Specialization: Medicinal Chemistry. Dissertation: Synthesis and Evaluation of Mixed Efficacy Mu Opioid Receptor (MOR), Delta Opioid Receptor (DOR) Peptidomimetic Ligands.

Christoph E. Boehm, Field of Specialization: Economics. Dissertation: Essays on Business Cycles and Stabilization Policy.

Jose Henrique Bortoluci, Field of Specialization: Sociology. Dissertation: Architectures of the People: Material and Cultural Politics of Housing in Sao Paulo, 1950–1995.

Monique Mignon Bourdage, Field of Specialization: Communication. Dissertation: Beyond the Centerfold: Masculinity, Technology, and Culture in Playboy's Multimedia Empire, 1953–1972.

Mark Mitchell Bourne, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Organic Scintillators in Nonproliferation Applications With a Hybridized Double-Pulse Rejection Technique.

Lashonda Marie Brenson, Field of Specialization: Political Science. Dissertation: Where's the Caucus? A Study of Minority Agenda Setting Behavior.

Elaina Breznau, Field of Specialization: Cellular and Molecular Biology. Dissertation: Regulation of Epithelial Cytokinesis and Cell-Cell Junctions by MgcRacGAP.

Elizabeth Stephenie Brown, Field of Specialization: Chemistry. Dissertation: Organic Reactions of Gallium Phosphide and Silicon Surfaces for Stability and Dye Sensitization.

Hatim Adnan Bukhari, Field of Specialization: Electrical Engineering. Dissertation: Antenna Bandwidth and Radiation Control by Topology and use of Non-Conductive Materials.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Jade Burns**, Field of Specialization: Nursing. Dissertation: In their Public Space: A Qualitative Analysis of Young African American Males' Views of Social Media as a Mode for Condom Use Education.
- Miatta A. Buxton**, Field of Specialization: Epidemiological Science. Dissertation: Inflammation During Pregnancy and its Association with Preterm Birth in Mexico City.
- Monica Alejandra Candal**, Field of Specialization: Educational Studies. Dissertation: Cultural Capital, Boundary Crossing, and Parent Involvement: A Case Study of Involvement by Low-Income, African-American Parents at a Charter School.
- Cameron Phillip Capper**, Field of Specialization: Pharmacology. Dissertation: Functional Characterization of Cytochrome P450 17A1 (CYP17A1) Gene Variants for their Steroidogenic Enzymatic Activities.
- Vernnaliz Carrasquillo**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Cycle to Cycle Task Variations in Mixed-Model Assembly Lines and Their Effects on Worker Posture, Joint Loads, and Recovery Time.
- Alexis Jo Carulli**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: The Dynamic Regulation of Intestinal Stem Cells by Notch Signaling.
- Pedro Lisboa Oliveira de Carvalho**, Field of Specialization: Physics. Dissertation: Quantum Corrections to Gravity: Polishing the Window into the Black Hole Microstates.
- Gaurav Chadha**, Field of Specialization: Computer Science and Engineering. Dissertation: Energy-Efficient Acceleration of Asynchronous Programs.
- Alexander S. Chang**, Field of Specialization: Materials Science and Engineering. Dissertation: Nanoscale Studies of Energy Band Gaps and Band Offsets in Compound Semiconductor Heterostructures.
- Yung-Ju Chang**, Field of Specialization: Information. Dissertation: Using and Collecting Annotated Behavioral Trace Data For Designing and Developing Context-Aware Application.
- Boxiao Chen**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Learning Algorithms for Stochastic Dynamic Pricing and Inventory Control.
- Jason Chen**, Field of Specialization: Business Administration. Dissertation: Geographic Dispersion of Investors and Price Discovery around Earnings Announcements.
- Kuang-Tsung Chen**, Field of Specialization: Survey Methodology. Dissertation: Using LASSO to Calibrate Non-probability Samples using Probability Samples.
- Lin Chen**, Field of Specialization: Electrical Engineering. Dissertation: Vertical Integration of Germanium Nanowires on Silicon Substrates for Nanoelectronics.
- Sisi Chen**, Field of Specialization: Educational Studies. Dissertation: Developing a Gini Coefficient for Distributed Instructional Leadership (GDIL): How Distributed Instructional Leadership (DIL) Impacts Instructional Reform Implementation and Professional Community in Elementary Schools.
- Yu-Hui Chen**, Field of Specialization: Electrical Engineering-Systems. Dissertation: Multimodal Image Fusion and Its Applications.
- Yuan Chen**, Field of Specialization: Chemical Engineering. Dissertation: Designing Heterogeneous-Based Cascade Catalytic Systems for Carbon Dioxide Hydrogenation.
- Shirley Zhe Chen**, Field of Specialization: Computer Science and Engineering. Dissertation: Information Extraction on Para-Relational Data.
- Zhihao Chen**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Strategic Network Planning under Uncertainty with Two-Stage Stochastic Integer Programming.
- Michael Dennis Cherney**, Field of Specialization: Geology. Dissertation: Records of Growth and Weaning in Fossil Proboscidean Tusks as Tests of Pleistocene Extinction Mechanisms.
- Matthew David Chin**, Field of Specialization: Social Work and Anthropology. Dissertation: Enacting Politics through Art: Encounters between Queer and Trans of Color Organizers and the Canadian City.
- Adriana Chira**, Field of Specialization: Anthropology and History. Dissertation: Uneasy Intimacies: Race, Family, and Property in Santiago de Cuba, 1803–1868.
- Youngjun Choe**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Computationally Efficient Reliability Evaluation With Stochastic Simulation Models.
- Alan Chu**, Field of Specialization: Biomedical Engineering. Dissertation: Simultaneous Multislice Functional Magnetic Resonance Imaging.
- Chan Chung**, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Niemann-Pick Type C Disease: Protective Mechanisms from Neurodegeneration and Targets for Therapeutic Intervention.
- Joshua Reid Coene**, Field of Specialization: Anthropology and History. Dissertation: The Contentious Prison: From Rehabilitation to Incapacitation in New South Wales and Pennsylvania, 1965–1990.
- Robert William Cohn**, Field of Specialization: Computer Science and Engineering. Dissertation: Maximizing Expected Value of Information in Decision Problems by Querying on a Wish-to-Know Basis.
- William R. Collin**, Field of Specialization: Chemistry. Dissertation: One- and Two-Dimensional Microporous Gas Chromatography Systems: Materials, Design and Implementation.
- Cailin Terese Collins**, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Role of Collaborator Proteins in HOXA9/MEIS1-Mediated Leukemogenesis.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

Jakub Jerzy Czyz, Field of Specialization: Computer Science and Engineering. Dissertation: A Brave New World: Studies on the Deployment and Security of the Emerging IPv6 Internet.

Brian Michael Davis, Field of Specialization: Epidemiological Science. Dissertation: Implications of Non-Pharmaceutical Interventions for Mitigating Influenza in Schools and the Role of Co-Infection in the University Setting.

Yan Deng, Field of Specialization: Industrial and Operations Engineering. Dissertation: Decomposition Algorithms and Parallel Computing for Chance-constrained and Stochastic Integer Programs with Applications.

Priyanka Subhash Desai, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Quantitative Modeling of Entangled Polymer Rheology: Experiments, Tube Models and Slip-Link Simulations.

Colleen Elisabeth Dugan, Field of Specialization: Chemistry. Dissertation: Design and Application of Microfluidic Platforms for Integrated Adipocyte Perfusion and Secretion Analysis by Enzyme Assay and Mass Spectrometry.

Shyam Sundar Dwaraknath, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Measurements to Elucidate the Mechanism of Thermal and Radiation Enhanced Diffusion of Cesium, Europium, and Strontium in Silicon Carbide.

Briana Rockich Dye, Field of Specialization: Cell and Developmental Biology. Dissertation: Applying Principles of Developmental Biology to Generate Three-dimensional Lung Organoids from Human Pluripotent Stem Cells.

Shawn Christophe Eady, Field of Specialization: Chemistry. Dissertation: Design of Catalyst Interfaces for Heterogeneous Dihydrogen Production Manifolds and Incorporation into Photocathode Systems.

Benjamin Rex Ellington, Field of Specialization: Biological Chemistry. Dissertation: Probing the Mechanisms of Aldehyde Decarbonylation Using Radical Clock Substrate Analogues.

Anthony Aaron Emanuele, Field of Specialization: Medicinal Chemistry. Dissertation: An Antibiotic Discovery Campaign Targeting VirF, the Main Transcriptional Regulator of Virulence in *Shigella flexneri*.

Michael Engstrom, Field of Specialization: Microbiology and Immunology. Dissertation: Regulation of the Uropathogenic *Escherichia coli* *tos* Operon and Its Implications for an Expansion of Microbial Reciprocal Regulation Between Adherence- and Motility-Related Genes.

Lesley Ann Everett, Field of Specialization: Human Genetics. Dissertation: Characterization of the function of the LMAN1 ER cargo receptor *in vivo*.

Brittany Lancaster Farrell, Field of Specialization: Chemical Engineering. Dissertation: Solid Oxide Membrane Reactors: Catalyst Development and Testing for Solid Oxide Fuel Cells and Oxidative Coupling of Methane.

Xunchang Fei, Field of Specialization: Environmental Engineering. Dissertation: Experimental Assessment of Coupled Physical-Biochemical-Mechanical-Hydraulic Processes of Municipal Solid Waste Undergoing Biodegradation.

Tamar Yael Feinberg, Field of Specialization: Cellular and Molecular Biology. Dissertation: Extracellular Matrix Remodeling and the Control of Branching Morphogenetic Programs.

Alexander Andrew Fisher, Field of Specialization: Applied Physics. Dissertation: Experiments and Theory of Induced Optical Magnetization.

Matthew Michael Flickinger, Field of Specialization: Biostatistics. Dissertation: Detecting and Correcting Contamination in Genetic Data.

Amanda M. Fore, Field of Specialization: Nursing. Dissertation: Factors Associated with Pharmaceutical Venous Thromboembolism Prophylaxis in Hospitalized Surgical Patients.

John Alexander Fronimos, Field of Specialization: Geology. Dissertation: Functional Mechanics of Concavo-convex Articulations and Neurocentral Sutures in the Vertebral Column of Sauropod Dinosaurs.

Thomas Aaron Frost, Field of Specialization: Electrical Engineering. Dissertation: Red-Emitting III-Nitride Self-Assembled Quantum Dot Lasers.

Katherine Fultz, Field of Specialization: Anthropology. Dissertation: Economies of Representation: Communication, Conflict, and Mining in Guatemala.

Nicole Ashley Gabreski, Field of Specialization: Cellular and Molecular Biology. Dissertation: Novel Mechanisms for the Alteration of RET Receptor Tyrosine Kinase Signal Transduction.

Daniel William Gifford, Field of Specialization: Astronomy and Astrophysics. Dissertation: Estimating Cosmological Parameters and Cluster Masses through Escape Velocity Measurements in Galaxy Clusters.

Gail Butler Gifford, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Notch1 and Notch2 Receptors Regulate Human and Mouse Gastric Epithelial Cell Homeostasis.

Emily Jean Goedde, Field of Specialization: Comparative Literature. Dissertation: The Sound of Bombs- Translating Chinese Poetry from the Second World War.

Jennifer Rachel Goldschmied, Field of Specialization: Psychology. Dissertation: The Effects of Sleep Manipulation on Emotional Processing and Mood.

Xi Gu, Field of Specialization: Mechanical Engineering. Dissertation: Real-Time Maintenance Policies in Manufacturing Systems.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Erik Dale Guetschow**, Field of Specialization: Chemistry. Dissertation: Droplet Microfluidics Coupled to Microchip Electrophoresis for High-Throughput Enzyme Modulator Screening.
- Rohit Gupta**, Field of Specialization: Aerospace Engineering. Dissertation: Analytical and Numerical Methods for Optimal Control Problems on Manifolds and Lie Groups.
- Katherine Gurdziel**, Field of Specialization: Bioinformatics. Dissertation: Computational and Biological Approaches for Identification of Hedgehog Signaling Targets and Their Application to Intestinal Visceral Smooth Muscle Development in the Mouse.
- Michael Kenneth Haines**, Field of Specialization: Electrical Engineering. Dissertation: Ultrashort-Pulse Matter Interactions Using Compact Fiber CPA Technology.
- Hyoung Seok Ham**, Field of Specialization: Asian Languages and Cultures. Dissertation: Buddhist Critiques of the Veda and Vedic Sacrifice: A Study of Bhāviveka's Mīmāṃsā Chapter of the *Madhyamakahr dayakārikā and Tarkajvālā*.
- Candice Margaret Hamelin**, Field of Specialization: History of Art. Dissertation: Behind Immaterial and Material Divides: East German Photography, 1949–1989.
- Kathrin Julia Hanek**, Field of Specialization: Psychology. Dissertation: Identity and Indecisiveness: Identity Integration Impacts Experiences of Decisional Conflict.
- Bethany Kaye Hansen**, Field of Specialization: Anthropology. Dissertation: The Ecology and Behavior of New Chimpanzee Mothers at Ngogo, Kibale National Park, Uganda.
- Erin Melissa Hansen**, Field of Specialization: Music: Music Education. Dissertation: Roles of Music Making in the Lives of Sexual and Gender Minority Youth.
- Aubrie Ann Harland**, Field of Specialization: Medicinal Chemistry. Dissertation: Design, Synthesis, and Optimization of Opioid Receptor Peptidomimetics.
- Renee Michelle Harton**, Field of Specialization: Physics. Dissertation: Fabrication and Control of Magnetic Pd,Fe Thin Film Heterostructures.
- Nicole Marie High-Steskal**, Field of Specialization: Classical Art and Archaeology. Dissertation: Domesticating Spectacle in the Roman Empire. Representations of Public Entertainment in Private Houses of the Roman Provinces.
- Megan Elizabeth Hill**, Field of Specialization: Music: Musicology. Dissertation: Asakusa Ondo: Soundscape, Agency, Montage, and Place in a Dynamic Tokyo Neighborhood.
- Daniel Hirschman**, Field of Specialization: Sociology. Dissertation: Inventing the Economy Or: How We Learned to Stop Worrying and Love the GDP.
- Bai Linh Hoang**, Field of Specialization: Political Science. Dissertation: Democratic Listening? Race and Representation in Local Politics.
- Victoria Iome Holden**, Field of Specialization: Microbiology and Immunology. Dissertation: The Impact of Siderophores and Iron Acquisition on *Klebsiella Pneumoniae* Pathogenesis.
- Hsing-Hsiang Huang**, Field of Specialization: Natural Resources and Environment. Dissertation: Three Essays on Applied Environmental Economics.
- Mike Xuli Huang**, Field of Specialization: Aerospace Engineering. Dissertation: Low Complexity Model Predictive Control of a Diesel Engine Airpath.
- David Andrew Hufnagel**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Environmental and Molecular Control of the Uropathogenic *Escherichia coli* Extracellular Matrix.
- Eric Irrgang**, Field of Specialization: Materials Science and Engineering. Dissertation: Thermodynamic and Structural Phase Behavior of Colloidal and Nanoparticle Systems.
- Zachary Thomas Irwin**, Field of Specialization: Biomedical Engineering. Dissertation: Restoring Fine Motor Skills through Neural Interface Technology.
- Kenichi Iwasaki**, Field of Specialization: Neuroscience. Dissertation: Modulation of Neural Circuits by the Neuropeptide, Arginine Vasotocin, in the Central Nervous System of Zebrafish.
- Matthew Kalahasty Iyer**, Field of Specialization: Bioinformatics. Dissertation: Discovering cancer-associated transcripts by RNA sequencing
- Erica Christine Jansen**, Field of Specialization: Epidemiological Science. Dissertation: Early-Life Determinants of the Age at Menarche.
- Sunyeol Jeon**, Field of Specialization: Materials Science and Engineering. Dissertation: Gallium Metal Nanoparticles for Plasmonics and Droplet Epitaxy: Formation and Properties.
- Chaoyi Jiao**, Field of Specialization: Atmospheric, Oceanic and Space Sciences. Dissertation: Sources of Variability in Transport and Deposition of Arctic Aerosols in Changing Climates.
- Archis Sudhir Joglekar**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Kinetic Modeling of Magnetic Field Dynamics and Thermal Energy Transport in Inertial Fusion Energy Plasmas.
- Ariell Joiner**, Field of Specialization: Pharmacology. Dissertation: Regulation of Olfactory Stem Cells and Neurogenesis by Primary Cilia and the Hedgehog Pathway.
- Andrea Michelle Jokisaari**, Field of Specialization: Materials Science and Engineering. Dissertation: Multiphysics Phase Field Modeling of Hydrogen Diffusion and δ -Hydride Precipitation in α -Zirconium.
- Jake Jokisaari**, Field of Specialization: Materials Science and Engineering. Dissertation: Characterization of Structure and Properties of Thin Film Crystals and Ferroelectric BiFeO₃ - a Coupled TEM, SPM, and Optical Probe Approach.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- James Allen Juett**, Field of Specialization: Computer Science and Engineering. Dissertation: Using Program Visualization to Illuminate the Notional Machine.
- Bhagyalakshmi Kalidass**, Field of Specialization: Environmental Engineering. Dissertation: Investigating the Impact of Metals and Methanobactin on Gene Expression in *Methylosinus Trichosporium* Ob3b.
- Austin Andrew Kana**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Enabling Decision Insight by Applying Monte Carlo Simulations and Eigenvalue Spectral Analysis to the Ship-Centric Markov Decision Process Framework.
- Adam Rubin Kaye**, Field of Specialization: Mathematics. Dissertation: Arithmetic of the Asai L-function for Hilbert Modular Forms.
- Pooyan Kazemian**, Field of Specialization: Industrial and Operations Engineering. Dissertation: Stochastic Control and Optimization Methods for Chronic Disease Monitoring and Control, Hospital Staffing, and Surgery Scheduling.
- Kendra Phyllis Keady**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Acceleration and Stabilization Methods for Monte Carlo Reactor Core k-Eigenvalue Problems.
- Lauren Kett**, Field of Specialization: Neuroscience. Dissertation: Endolysosomal Dysfunction in Parkinson Disease: The Role of Disease Mutations in ATP13A2 and LRRK2.
- Dongwon Kim**, Field of Specialization: Mechanical Engineering. Dissertation: Human Motor Control and the Design and Control of Backdriveable Actuators for Human-Robot Interactions.
- Doohyun Kim**, Field of Specialization: Mechanical Engineering. Dissertation: Conventional and Alternative Jet Fuels for Diesel Combustion: Surrogate Development and Insights into the Effect of Fuel Properties on Ignition.
- Wonhee Kim**, Field of Specialization: Mechanical Engineering. Dissertation: Model-based Design Framework for Shape Memory Alloy Wire Actuation Devices.
- Youngri Kim**, Field of Specialization: Chemical Engineering. Dissertation: Beyond Equilibrium Assemblies: Applying Light, Flow, and Confinement.
- Gino Knodel**, Field of Specialization: Physics. Dissertation: Lifshitz Spacetime as a Window into Condensed Matter Physics.
- Kristin Ko**, Field of Specialization: Chemistry. Dissertation: Developing Tools to Evaluate Structure-Function of c-Src Kinase.
- Taisuke Kojima**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Development Of Microcompartmentalization Using Macromolecules And Liquid-Liquid Interfaces.
- Larisa Christine Kruger**, Field of Specialization: Pharmacology. Dissertation: Voltage-gated Na⁺ Channels: Not Just for Conduction.
- Heng Kuang**, Field of Specialization: Mechanical Engineering. Dissertation: Concurrent Design of Assembly Plans and Supply Chains: Models, Algorithms, and Strategies.
- Patty Kuo**, Field of Specialization: Psychology. Dissertation: Who should do what? Gender Roles and the Transitions to First- and Second-Time Parenthood: Lessons from Television and Consequences in Coparenting.
- Frank Kwarcinski**, Field of Specialization: Medicinal Chemistry. Dissertation: Developing Kinase Inhibitors as Chemical Tools and Potential Drugs.
- Andrew Hoion Kwok**, Field of Specialization: Educational Studies. Dissertation: Managing Urban Classrooms: Exploring Beginning Teachers' Beliefs, Actions, and Influences of Classroom Management.
- Michelle Mai Kwok**, Field of Specialization: Educational Studies. Dissertation: Tracing the Mediating Contexts of Disciplinary Writing Instruction from Professional Development to Classrooms.
- Joseph M. Labuz**, Field of Specialization: Biomedical Engineering. Dissertation: Toward an Integrated, Physiologically Relevant Microfluidic Model of the Human Body.
- Katherine Anne Larson**, Field of Specialization: Classical Art and Archaeology. Dissertation: From Luxury Product to Mass Commodity: Glass Production and Consumption in the Hellenistic World.
- Michael Andrew Laurenzano**, Field of Specialization: Computer Science and Engineering. Dissertation: Low-overhead Online Code Transformations.
- Chee Lee**, Field of Specialization: Bioinformatics. Dissertation: Functional Interpretation of High-Throughput Sequencing Data.
- DaeYoung Lee**, Field of Specialization: Aerospace Engineering. Dissertation: Multidisciplinary Optimization Approach for Design and Operation of Constrained and Complex-shaped Space Systems.
- Ellen Marie Lee**, Field of Specialization: Classical Studies. Dissertation: *Lethaeus Amor*: Love and Memory in Latin Elegy.
- Jihyun Lee**, Field of Specialization: Mechanical Engineering. Dissertation: Vibration Reduction in Passively-Isolated Ultra-Precision Manufacturing Machines using Mode Coupling.
- Junghwa Lee**, Field of Specialization: Political Science. Dissertation: A Study on the Party System in South Korea after Democratization.
- Ashley Kate Lemke**, Field of Specialization: Anthropology. Dissertation: Anthropological Archaeology Underwater: Hunting Architecture and Foraging Lifeways beneath the Great Lakes.
- Anton Wudi Li**, Field of Specialization: Materials Science and Engineering. Dissertation: Morphological Design of Conjugated Polymer Thin Films for Charge Transport and Energy Conversion.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy

- Jinjing Li**, Field of Specialization: Mechanical Engineering. Dissertation: Repeatable High-Yield Carbon Nanotube Growth by Moisture-Controlled Decoupled Chemical Vapor Deposition.
- Justin Li**, Field of Specialization: Computer Science and Engineering. Dissertation: The Goal Re-activation Problem in Cognitive Architectures.
- Xinran Li**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: A Molecular Mechanism to Regulate Lysosome Motility for Lysosome Positioning and Tubulation.
- Zhaojian Li**, Field of Specialization: Aerospace Engineering. Dissertation: Developments in Estimation and Control for Cloud-Enabled Automotive Vehicles.
- Ingyu Lim**, Field of Specialization: Mechanical Engineering. Dissertation: Multi-Objective Iterative Learning Control: An Advanced ILC Approach for Application Diversity.
- Chi-Mei Liu**, Field of Specialization: Social and Administrative Sciences. Dissertation: The Relationship Between the Adoption of Patient Centered Medical Home and the Quality of Medication Use: Results from the National Ambulatory Medical Care Survey.
- Yang Liu**, Field of Specialization: Electrical Engineering-Systems. Dissertation: Harnessing the Power of Multi-Source Data: an Exploration of Diversity and Similarity.
- Yang Liu**, Field of Specialization: Information. Dissertation: Mining Social Media to Understand Consumers' Health Concerns and the Public's Opinion on Controversial Health Topics.
- Yue Liu**, Field of Specialization: Electrical Engineering-Systems. Dissertation: Supporting Large Scale Communication Systems on Infrastructureless Networks Composed of Commodity Mobile Devices: Practicality, Scalability, and Security.
- Kathryn Elsa Livingston**, Field of Specialization: Pharmacology. Dissertation: Allosteric Modulation of the Mu Opioid Receptor.
- Alejandro Omar Lopez**, Field of Specialization: Physics. Dissertation: Beyond Standard Model Physics: At the Frontiers of Cosmology and Particle Physics.
- Danielle Martin**, Field of Specialization: Political Science. Dissertation: Individual Risk Attitudes and Democratic Representation.
- Michael Mashiba**, Field of Specialization: Immunology. Dissertation: Investigating Mechanisms of Immune Evasion by HIV-1 Vpr.
- Elizabeth Sara McAdams**, Field of Specialization: English Language and Literature. Dissertation: Turning Japanese: Japonisme in Victorian Literature and Culture.
- Erin R. McGovern**, Field of Specialization: Political Science. Dissertation: Dictators Who Dominate: Betraying Allies to Gain a Preponderance of Power.
- Justin Reeves Meyer**, Field of Specialization: Urban and Regional Planning. Dissertation: Art Museums and Their Connection to Neighborhood Change: A Case Study of the Portland Art Museum in Oregon.
- Asish C. Misra**, Field of Specialization: Biomedical Engineering. Dissertation: Multicompartmental Carriers for Medical Applications.
- Cassie Mitsuyo Miura**, Field of Specialization: Comparative Literature. Dissertation: The Humor of Skepticism: Therapeutic Laughter in Early Modern Literature.
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Yuzhou Li
Zhe Li
Chengcheng Liu
Jialin Lu
I-Cheng Peng
Yueh Wang
Yuting Wang
Zixin Wang
Rong Xu
Po-Hsiang Yang
Ricky Jui Yao
Mingfei Zhang
Yao Zhao

Electrical Engineering-Systems

Yun Jae Cho
Shuang Guan
Bo Hu
Jiahong Ju
Charles Peter Lacy
Jeffrey Ryan Peil

Yunus Emre Sahin
Yumeng Shang
Liwei Wang

Industrial and Operations Engineering

Kaushik Acharya
Matthew J. Beigh
Mohammed Rifad Moh'd El-Farhan
Handong Gong
Xue Huang
Nabeel R. Kasim
Donald Brian Richardson
Nicolas Signolle
Shuheng Sun
Jing Wang
Wensi Wang
Yue Yin
Xinzi Zhang

Macromolecular Science and Engineering

Brian Lee Berger
Nathan Andrew Jones
Bradley Austin Keller

Naval Architecture and Marine Engineering

Claudio Farias de Lima
Soojin Han
Wenqian Huang
Daniel Patrick Kilcullen
Wenqing Zhou

Nuclear Engineering and Radiological Sciences

Clyde Joshua Beers
Aaron Gaspar Tumalak

Nuclear Science

Wei-Ting Chen

Robotics

Vittorio Bichucher

Master of Science in Engineering

Aerospace Engineering

Yuchen Bai
Emma Claire Boyd
Brandon Thomas Coloe
Avinash Subramanian Devalla
James Romme Dietrich
William David Dunham
Mason Joseph Ferlic
Anurag Mahesh Gaggar
Xiang Gao
Nicholas Ryan Goeser

Ayoub Gouasmi
Kohei Harada
Phillip Tyler Hargrove
Javier Jimenez Serrano
Andrew J. Kanei
Raphael Limbourg
Jose David Mesa
Joseph John Miller
Sourav Mohanty
Xiangyu Ni
Isaac James Olson

Ari David Porter
James Patrick Power
Astrid Lea Raisanen
Katie Reichl
Yash Sarkango
Kaiming Sun
Nomita Nirmal Vazirani
Chenxing Yu
Yin Yu
Hui Zhang
Ze Jia Zhang

COLLEGE OF ENGINEERING

Master of Science in Engineering

Biomedical Engineering

Rohan Krishna Addala
Nathan Michael Allspach
Thomas Michael Balawajder
Kyle Robert Bettinger
Lisa Marie Carver
Jackie Soyoun Cha
Emily Kai Cortright
Kayla Marie Curtis
James Ronald Day
Cooper Russell Green
Scott Michael Haber
Brianna Lynn Labelle-Hahn
Nicholas Paul Landgraf
Cameron Michael Louttit
Andrea Manoppo
David Robert Mertz
Andrew Thomas Nikolai
Max Louis Olender
Spencer Scott Paris
Paul Robert Parker
Allison Rogers Powell
Alexander John Price
Aniket Ramshekar
Joseph Daniel Salemi
Matthew Schneider
Evrans Ural
Marcus William Wogan
Chris Kyoung Jae Yu

Chemical Engineering

Sneha Pramodhbhai Agarwal
David Neil Carruthers
Jee-Jay James Chen
Marcus Adam Deloney
Mario Gutierrez
Lindsey Elizabeth Miller
Kendall Rose Moyer
Tejas Navaratna
Seyed Reza Roghani Esfahani
Hanieh Safari
Jefferson Gustavo Sanchez
Phillip Spinosa
Drew Anthony Vecchio
Digna Lalit Vora
Nicholas Foster Walker

Civil Engineering

Alexandra Apostolides
Nathan Kane Fleming
Eleesha Rose Green
Rui Hou
Edmond Shihong Huang
Qingxu Jin
Liana Lantigua Cuni
Chih Hong Liu
Wenxuan Meng
Samar Minallah
Daniel John Rickmar
Rachel Lynn Thompson

Weitian Wang
Alex Vitez Willets
Xiangjun Xiao
Xinrui Yang

Computer Science and Engineering

Abraham Lamesgin Addisie
David Christopher Adrian
Christopher James Baik
Nikita Bhutani
Kuangyuan Chen
James Cheng
Ho Gene Choe
Chengwei Dai
Ali Fadlallah
Qi Gao
Helen Arefayne Hagos
Shang-En Huang
Ning Jiang
Essam Muhammad Idris Khan
Noah Akiva Klugman
Alexandros Lancaster
Pallavi Mohan Moghe
Alejandro Newell
Sarah Rae Paris
Ali Hayder Radha
Daniel Andrew Rings
Jaleel Adnan Salhi
Aditya Nott Shankar
Jie Song
Alex Tarrant
Sree Sessa Aravind Vadrevu
Changan Wang
Hongji Wang
Ryan Michael Wawrzaszek
Chun Wu
Fangzhou Xing
Yilan Zhang

Construction Engineering and Management

Jie Huang
Xinhang Li
Yingqi Liu
Juhyeong Ryu

Electrical and Computer Engineering

Chun-Wen Chen
Zhiyang Chen
Nicholas Chiotellis
Chi-Fan Chu
Kaile Ding
Matthew Evan Eyler
Rinku Patel
Xianghan Pei
Chao-Han Tsai
Hanjun Wu
Mengjiao Xu

Electrical Engineering

Zeyu Bu
Andrew Robert Burton
Yachi Chen
Samuel Thomas Cook
Yu Huang
Isaac Patrick Jarman
Jiqing Jiang
Nephi Ross Johnson
Tae-Hyung Kang
Irina Gueorguieva Klissourova
Jiabo Li
Chenxi Lou
Quinn A. Matthew
Hongsuk Nam
Haodong Shen
Scott Xinliang Su
Xiao Wu
Haokui Xu
Zhen Xu
Kai Yan
Hui Zeng
Chuming Zhao
Dike Zhou

Electrical Engineering-Systems

Siva Aduri
Stephen Frederick Bank
Yu Chen
Yiding Ji
Junming Liu
Jacob Ellsworth Shaha
Mihir Janak Sheth
Piyapath Siratarnsophon
Scott M. Wigler
Jay Zhang
Renhan Zhang

Environmental Engineering

Jeffrey Andrew Battiste
Lu Chen
Keith Heidecorn
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Peiyuan Li
Cody R. Yarbrough

Industrial and Operations Engineering

Christian A. Abney
Eleanore An
Amanda Josephine Bayagich
Armando Bernal
Michael Thomas Bruk
Eric Arthur Buchsbaum
Boyang Chen
John David Di Nino
Lauren Danielle Fitzpatrick
Cooper Russell Green
Yuhao Gu

COLLEGE OF ENGINEERING

Master of Science in Engineering

Nathan Michael Janes
Filip Aleksandar Jankovic
Daniel Patrick Kilcullen
Alp Kiremitci
Justin Graf Koehler
Xin Li
Xinhang Li
Ke Liu
Zachary Lee Mandell
Mitchell Douglas McKinstry
Olivia Alexis Melendez
Jonathan Alan Morof
Rama Mwenesi
Martha Jane Neubauer
Etinosa Kelly Ogiesoba
Jong Min Park
Joseph Louis Porcari
Leah Meneka Raschid
Matthew Stephen Rouhana
JoonOh Seo
Apurv Shanker
Colin Patrick F Shields
Swayam Sikaria
Steven J. Stark
Lauren Nicole Steimle
Melissa Ann Sweeney
Siyuan Tao
Jacob Villarreal Pohlenz
Yuzhi Wan
Jamie Roslyn Tan Yap
Zhenhuan Yu

Macromolecular Science and Engineering

Priyanka Subhash Desai

Materials Science and Engineering

William Beck Andrews
Jonathan Baur Duffett
David Alexander Hinz
Evan Kangas
Shobhita Kramadhathi
Xun Liu
Yutaka Oshikiri
Anurag Panda
Olga Shalev
Paul Michael Smith

Mechanical Engineering

Charles Arthur Arentzen
Sergei Sergeevich Avedisov
Robin Andrew Baessler
Daniel James Bertoni
Adrian Bojko
Jifan Chen
Kevin Chen
Qisen Cheng
Kevin Collao
Scott Michael Cooper
William Lamont Creighton

Ross Anthony Dijulio
Xin Dong
Wyatt Marshall Felt
Haotian Feng
Ian Edson Fitzner
Yiqian Gan
Xing Ge
Xinyi Ge
Alireza Goshtasbi
Evan David Griffith
Huijiao Guan
Liangce Guo
Tianyou Guo
Luis Gerardo Gutierrez Arsuaga
Martin Turner Harris
Yifan He
Kelsey Anne Hockstad
David Robert Hodgson
Kwangwoo Jeong
Huimin Ji
Junki Joe
Saeed Kazemiabnavi
Sungjin Kim
Rani Hani Kiwan
Justin Stephen Koczak
Kai Lan
Liwen Lee
Dominick Michael Lentine
Chen-Han Li
Hao Li
Nan Li
Tong Li
Xiang Li
Fu-Kang Liao
Zhi Zhe Garry Lim
Hou-Yi Lin
Jingxuan Liu
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Tarun Maandi
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Sulbin Park
Anthony Luis Perez
Wubing Qin
Michael Andrew Quann
Pradhyumna Ramesh
Zachary Benjamin Renwick
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Robert Fenton Self
Daniel Garrett Shriver
Rosalie Florence Shyu
William James Sobnosky
Fengwen Song
Kislaya Srivastava
Adam Yuki Stewart
David Thomas Stewart
Hyunki Sul
Chen Wang
Henan Wang
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Zihang Wei
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Xiuyuan Wu
Hanyi Xie
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Yinan Xu
Yunxiang Xu
Frank Qiushi Yan
Yang Yang
Yevgeniy Yesilevskiy
Ming-Yuan Yu
Ziwei Zeng
Ding Zhang
Ding Zhao
Yan Zhao
Yingshi Zheng

Naval Architecture and Marine Engineering

Mark Bauerle
Zachary Roger Bayoff
Lisa Jeannette Bergeron
Benjamin John Clemens
Chengwei Dai
Ning Deng
John David Di Nino
Jonathan Baur Duffett
Matthew Evan Eyler
Sean Wesley Fabian
Seth Schreiber Fireman
Conner James Goodrum
Eric Mitchell Helder
Reed Andrew Lillie
Benjamin Edward Nagle
Bradley Evan Olson
Alexander Rockwood
Kevin Mendonca Silva
Matthew Robert Springstead
Britton Vansciver Steele
Ryan Thomas Turzewski
Renee Kathryn Wiwel
Juliana Wu

Nuclear Engineering and Radiological Sciences

Sylvia Marie Domanico
Sean Evan Gray
Jungmoo Hah
Lindsay Ann Janes
Yao Elizabeth Kovach
Matthew Jeffrey Krupcale
Joel Aaron Kulesza
Kellen Ronald McCarroll
Marcelline Jade Michell
Tat Nghia Nguyen
Daniel Frank Polan
Athena Ashwene Sagadevan
Mengqiao Zhao

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1913, Robert L. Fishman, Interim Dean

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Architecture Design and Research

Matthew Craig Culver
Fauzia Evanindya
Varun Vinod Gala

Tzu-Chieh Hong
Joseph Michael Jastreboski
Priyanka Khasanvis
Amogha Sanjeevaiah Krishnaiah
Fanran Li

Iram Moreno Pinon
Shahida Sharmin
Wei-Chang Adam Wang
Zhijing Yang

Master of Urban Planning

Urban and Regional Planning

Yevgeniya Abramovich
Jacqueline Anne Austin
Pierre Antonio Batton
Michelle Irene Bennett
Jennifer Noel Bohl
Eric Matthew Burkman
Alison E. Carey
Katrina Felice Celo Chaves
Maximilius Jarik Paul Cupp
Michael Richard Davis
Scott Matthew Fox
Stephanie Florence Gerretsen
Shuo Gong
Alexander Franklin Hermann

Mitchell Herz
Alexandra Lawrie Horst
Yuexuan Hu
Wajiha Ibrahim
Caitlin S. Jacob
Susan Elizabeth Landfried
Xiao Li
Kaleah Marie Mabin
Daniel Jackie DJ Mason
James Braden Mitchell
Kathleen Jo Johncock Reilly
Lesley Tracy Rivera
Frank Junior Romo
Derric LaBarron Scott
Gustavo Serratos

Daniel Joseph Sommerville
Weitao Song
Mengwei Sun
Yuting Sun
Dana Kimberly Wall
Bonnie Wang
Yuxiao Xu
Baihe Yang
Yiting Yao
Tung Yu Yeh
Wenting Yin
Mikah Jordan Zaslow
Xueman Zhao
Jianzhao Zheng
Yajing Zhou

SCHOOL OF EDUCATION

Founded in 1921, Deborah Loewenberg Ball, Dean

Master of Arts

Educational Studies

Fulton Breen
Ashley Rae Brown
Lena Mae Carew
Lisa Cervantes
Jessica Covarrubias
Max David Dixon
Heather Ann Halabu
Joel Gregory Hatline
Daniel Christian Jacobson

Alexander Freundel Levey
Yan Liang
William Briscoe Morin
Ying Ou
Erika Reece
Caitlin Graham Schaefer
Catherine Patricia Voss
Kelly Anne Wall
Chengchen Zhu

Higher Education

Terra Molengraff
Chiedozie Eric Okafor
Marissa Rose Thornton
Amber Williams

SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT

Founded in 1927, Daniel G. Brown, Interim Dean

Master of Landscape Architecture

Landscape Architecture

Megan Wynne Barnes
Qiuling Chen
John DeRuiter

Jeffrey Roland Dube
Bradford Charles Kasberg
Yoshihiko Kubota
Yiqin Wang

Zhuyun Wu
Yuye Zhang

Master of Science

Natural Resources and Environment

Richard Eric Ackerman
Christopher John Affeldt
Stefania Tiziana Almazan Casali
Pavel Azgaldov
Kelsea Michelle Ballantyne
Dominic Jermaine Bednar
Brittany Bennett
Karl Bosse
Michael Bienz Burbidge
Geoffrey David Burmeister
David Neil Carruthers
Katherine Joyce Chapel
Lu Chen
Xi Chen
Shelley Mahajan Chinnan
Jason Christopher Coleman
Adithya Dahagama
Socorro Martha Vergel De Dios
Daupan
Nalin Deshpande
John Joseph Dooley III
Elizabeth Anne Dorgay
Emily Goodwin Durand
Camila Isabel Espana
Brian Thomas Fadie
Jordan Burr Fischer
Kaleigh Ann Fisher
Kate Freeman
Miriam Sara Fuchs
Juan Pablo Garcia Romero
Zachery Sean Gizicki
Caitlin Marie Harrington
Amanda Elizabeth Harvanek
Joanna Lynn Herrmann
Jiawei Huang
Elena Pilar Huisman

Qingxu Jin
Whitney Knoerl Johnson
Marianna E. Kerppola
William Aaron Pillsbury Kletter
Andrew Michael Klooster
Andrea Alejandra Kraus
Joseph Vincent Kraut
Rashmi Krishnan
Montana James Krukowski
Divyesh Kumar
Benjamin Emil Kunstman
Brian La Shier
Geneva Dawn Langeland
Ryan David Leclerc
Bo Li
Junhong Liang
Yun Liang
Brandon Thomas List
Wenjuan Liu
Yuqiao Liu
Remy Long
Nicolas Caulfield Louis
Vitor Machado Lira
Nicholas James Machinski
Ian Makowske
David Reuben Markowitz
Teegan Ariel McClung
Grace Marie McGinnis
Kathryn Alexandra Meyer
Stevia Davis Morawski
Jonathan Richard Morris
Rachel Martin Muelle
Nicole Rousseau Muench
Xi Nan
Elliot Karl Nelson
David Edward Nowak
Selin M. Nurgun
Kari Kathryn Paine

Chayatach Pasawongse
Kaitlin Elizabeth Paulson
Kevin James Peterson
Gianna Petito
Brian Joseph Rassel
Elizabeth Katherine Ratzloff
Meredith Gray Reisfield
Alexis Leigh Sakas
Jefferson Gustavo Sanchez
Christina M. Sauer
Kristine Rebecca Schantz
John MacFarland Serron
Lauren Elizabeth Silver
Joshua David Silverblatt
Whitney Imani Smith
Ellen Spooner
Jana Elizabeth Stewart
Nathan Ezekiel Suhadolnik
Vanessa Marie Tamez
Zu Dienle Tan
Natalie Alyssa Nicole Tonn
Devina Mahesh Trivedi
Nate Underwood
Shreyas Vangala
Kaitlyn Fenno Vaux
Mayank Vikas
Andrea Robyn Waghelstein
Dana Kimberly Wall
Angela Wan
Nathaniel William Wells
Sarah Jane Wightman
Allegra Ann Wrocklage
Monica Wyant
Mengjie Yang
Yuanyuan Yang
Cody R. Yarbrough
Xiajun Zhang
Zeqi Zhu

SCHOOL OF NURSING

Founded in 1941, Kathleen Potempa, Dean

Master of Science

Acute Care Pediatric Nurse Practitioner

Cathrine Corwin
Rachael Elizabeth Crowe
Elizabeth Lineback
Max David Pizzo
Felicia Strong
Samantha Lynne Wylie

Adult-Gerontology Acute Care Clinical Nurse Specialist

Anthony Scott Hofer

Adult-Gerontology Acute Care Nurse Practitioner

Lisa Anderson
Christie Sherin Carlson
Paloma Dessiree Fernandez-Trung
Amanda Lynn Kalinsky
Edward Kraska
John Mark Madison
Amanda Renee Richhart
Torri Len Rogers
Jennifer Lynn Sharrard
Cameron Turner
Kaitlin Mary Vance
Anna Elizabeth Vandecaveye
Cristina Wojack
Ashley Victoria Yono

Adult-Gerontology Primary Care Nurse Practitioner

Aaron Thomas Collins
Anthony Crescenzo Fazi
Robert Flood
Sharon Elizabeth Knotts
Mary Elizabeth Kuebrich
Lazarus Udeh Okammor
Kristen Esther Olex
Hanna Michelle Olsen
Diana Celeste Ziser Rego
Jessica A. Vettrano

Family Nurse Practitioner

Ola Abol Hosn
Song I. Baek
Kimberly Cook
Emily Johnson
Stephanie Michele Johnson
Julie Ketterling
Nicole Elizabeth Kremer
Inhyung Lee
Jason Eugene Roberts
Jennifer Frances Smith-Grady

Health Systems, Nursing Leadership and Effectiveness Science

Shannon Marie Fearday

Nurse Midwife

Kristen Virginia Dib
Amanda Leigh-Reynders Ezekiel
Mollie Gilbert Brody
Taya Hamilton
Katherine Johnson
Sara Michelle Lebovic
Lisa Renee Neumann
Hannah Marie Reinker
Nicole M. Sekulich
Brittaney Alice Vargas

Nurse Midwife and Family Nurse Practitioner

Danielle Brianna-Douthat Douglas

Nurse Midwife and Primary Care Pediatric Nurse Practitioner

Clare M. Hall

Primary Care Pediatric Nurse Practitioner

Danielle Prince
Jennifer Renay Salander
Amanda Lynn Schab
Kayleigh Marie Schwartz
Tara Renee Valentine
Tyler Waite
Brooke Wanshon
Katalin Marianna Woods

SCHOOL OF PUBLIC HEALTH

Founded in 1941, Martin Philbert, Dean

Master of Science

Biostatistics

Youssef Mahmoud Ajami
Michael Steven Bazydlo
Andrew Thomas Beck
Nathan Joseph Cohen
Irina Degtiar
Linda Yuemiao Ding
Patrick Drake
Michelle Jeanne Earley
Weichen Feng
Weixuan He
Emily Charlotte Hector
Michelle Marie Hood
Adam Dean Jacob
Michelle Rae Kleckner
Pin Li
Gang Liu
Lan Luo
Marshall Chandler McLeod

Lauren Anne Opsasnick
Anita Pandit
Rose Putler
Ariana Tang
Ming Tang
Vassily Vladimirovich Trubetskoy
Xiao Xie
Jingshu Xu
Yuan Yang
Zezhi Zac Zhang

Clinical Research

Zhe Guan

Environmental Health Sciences

Stephanie Kay Saylor
Gan Wang

Epidemiological Science

Michelle Jeanne Earley

Health Services Research

Rekar Karwan Taymour

Nutritional Sciences

Ya-Wen Chang
Carly McCabe
Yue Wu

Toxicology

Evan Michael Hill

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Susan E. Borrego, Chancellor

COLLEGE OF ARTS AND SCIENCES

Master of Arts

Jessica M. Balazovich
Trina J. Downer
Misti L. Frank
Michael L. Sartor

Jessica A. Schatko
Jennifer A. Spenny
Kevin A. Starnes
Elizabeth Thompson

Phillip J. Thompson
Vagios Young

Master of Public Administration

Ali I. Ahmed
VonSarah I. Bean
Michael Caldwell
Melanie Chladny
Malin A. Clark
Sara Cyrus

Samantha M. Foren
Jennifer D. Johnson
Anissa L. Jones
Jessica A. Kitchner
Courtney M. Knox-Edwards
Jaclyn D. Koresh

Tonja J. Petrella
Carrie L. Taylor
Janessa A. Thayer
Michel N. Valkoun
Robert S. Watters

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1958, Daniel Little, Chancellor

COLLEGE OF ARTS, SCIENCES, AND LETTERS

Master of Arts

Liberal Studies

JoAnn Harrington

Master of Public Administration

Diane Marie Gulyas
Jayshona Hicks

Arevik Khachatryan
Simonne Elaine Searles

Danielle Skonieski
Leilani Genece Vance

Master of Science

Applied and Computational Mathematics

Denis L. Johnson
Junxuan Li
Scott Michael Yanak

Environmental Science

Shi Bo
Benjamin J. Prowse
Monica Ann Shihadeh

UNIVERSITY OF MICHIGAN-DEARBORN

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

Master of Arts

Education

Samah A. Abdulaziz
Kelly M. Consiglio

Hala Issam Farhat
Ghada H. Hammoud
Cheri A. Hoffman

Iman A. Hussein
Kimberly C. Landess
Alexandra Elizabeth Velez

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Master of Science

Computer and Information Science

Amer Ahmed
Haytham B. Almawla
Pramod Kumar Budde
Satya Bhagyasree Chebrolu
Erzhuo Chen
Srivalli Gade
Shreyas R. Hirekhan
Ritwik Reddy Jitta
Jonathan William Joyce
Sravya Kalluri
Lakshmi Malati Kambhampati
Ratheesh Kumar Kamoor
Krishna Konda
Fatme Abdul Karim Mustapha
Eric M. Ulicny
Linxi Zhang
Zheng Zhang

Engineering Management

Nausheen Amir
Huizhu Chen
Michael Godlew
Stephen Meinschein
Alireza Mohammadi
Armand T. Tchonang

Information Systems and Technology

Evan M. Henri
Urvi Aakash Patel
Oluwaseun Oluwajare Rufus
Mohammad Shehab

Program and Project Management

Haider AL Jumaili
Kimberly Ann Bologna
Roberto Guillermo Carranco
Lagunes

Rochelle Lynn Copeland
Ahmed Kamla
Christopher L. Kaufmann
Yahia Saleh Mawry
Farah Tasawar

Software Engineering

Srinivasa Srimukh Duvvuri
Udit Amit Gami
Thomas Dylan Green
Francisco Carlos Sandoval Zazueta
Eric Mathew Smith
Jose Luis Solis-Marquez
Ali M. Suleiman
Anthony A. Walke

Master of Science in Engineering

Automotive Systems Engineering

Nehal Ahmad
Naveen Kumar Reddy Alla
Satya Sirish Anala
Manoj Kumar Reddy Balanolla
Raunak Singh Bindra
Pradeep Prakash Borate
Jyothi Venkata Vivek Challagulla
Kevin Robert Chauvin
Hemanthkumar Cheluvaiiah
Fengyi Chen
Vijay Kumar Chenegarapu
Meghna Dara
Madhusudana Darinayakanapalya
Sudheendra
Sagarashok Dhond
Naveen Kumar Reddy Dokuru
Neelesh Ganesh
Sushant Sunil Ghase

Rahil Anis Ginwala
Srivatsa Ravishankar Gollapinny
Branden Philip Holmes
Devi Vishnu Teja Indukuri
Pratik Namdev Jadhav
Rakeeb Saeed Kaid
Bharath Kaimal
Venkata Praveen Reddy Kamjula
Shiva Teja Kandagatla
Vishwas Kashyap
Srujan Kumar Katakam
Rajmohan Kolli
Sitarama Raju Kuchampudi
Jijo Kurien
Piyush R. Mandhane
Govil Mandhyani
Aditya Reddy Maram Reddy
Ayaz-Ahmed Mohammed
Sahil Nagpal
Bhushan Shirish Naik

Harish-Kumar-Reddy Nandikonda
Sriharsha Narayanamurthy
Vijay Narayanaswamy
Aakarsh Manoj Nilagiri
Amit Vasant Pandarkar
Santhosh Pasupathi
Kota Siddi Thatwik Pasupuleti
Shyam Ketanbhai Patel
Manu Prateek Pavuluri
Snehit Peddi
Shreyas Prasad
Vinoth Raman
Abhiram Ramesh
Vikram Rao Byndoor
Akhilesh Ravichandran
Sachin Revadal
Nadish Roy
Krishna Kumar Sadula
Ankit Saini
Naveen Kumar Sama

UNIVERSITY OF MICHIGAN-DEARBORN

Master of Science in Engineering

Aditya Anant Sawant
Suhay Chandrashekar Shastry
Neeraj Shyamasunder
Sainath Venkata Gopala Phanindhar
Sripathi
Jaya Krishna Reddy Syamala
Varun Thontadarya
Harshavardhan Upendram
Pradeep Varadharaju

Computer Engineering

Husein Mohammed Dakroub
Pavan Kumar Dasari
Nevrus Kaja
Changlin Li
Sandhi Primayudi

Electrical Engineering

Iman M. Aboutaleb
Beulah C. Anne
Lingxiu Chen
Padma Sai Mounika Dalavayi
Teja Damacherla
Satbir Singh Dhillon
Rong Fu
Aswath Reddy Gangireddy
Bhanu Tejaswini Gopisetty
Ajay Kongara
Michael Joseph Lepkowski
Sorin Z. Mihaltan
Mohamed Mohamed Nasser
Ryan E. Peer
Kyle Stuart Racer
Donald A. Restauri III
Joseph Laith Sara
Drishti Dilip Trivedi
Heting Wei
Wessen Zari
Yumeng Zhou
Shaoyu Zhu

Industrial and Systems Engineering

Yucong Chang
Wen Feng
Sri Havisha Gudapati
Yao Hong
Junxuan Li
Timothy Craig Maes
Andrew John Pinch
Prerana Rachamalla
Amir Riwes
Jeremy Allen Senyk
Aditya Thiruvengadam
Brian Patrick Weiss
Gopi Chandu Yanda
Xiangxue Zhao

Manufacturing System Engineering

Narayanan Thekke Chandramana
Namboodiri
Abhishek Varma Pachunuri
Sai Bhushan Pitta

Mechanical Engineering

Lakshmi Kanth Allamsetty
Kalyan Chandra Amudha
Alexandra Marie Aquila
Gabriel Thomas Arroyo, Jr.
Murtaza Mohammed Attar
Rashmi Jayaram Bhatt
Naga Vijay Bharghav Chandu
Praveen Choudhury
Sai Krishna Davuluri
Vishal Laxman Dhayagonde
Monica Ann DuBois
Khaled El-Nagi
Erzabeth Julia Fekete
Valerie Roxanne Feliciano-Atra
Souri Gadepalli

Ricardo David Garcia
Aditya Sai Gundu
Yashwanth Gurram
Christian Johan Owen Handley
Catherine Elise Herring
John Everett Hilliker
Yueheng Huang
Abdul Qadir Iliyas
Mayank Kumar Jaiswal
Nikhil Krishna Kanchan
Xu Kang
Praharsith Kumar Komaragiri
Akash Ladha
Ubaldo Borja Martinez
Praneeth Medikonda
Abdul Shoaib Mohammed
Sharan Kumar Nagendiran
Ranjit Singh Nagi
Bhavana Kennedy Naidu
Vinay Kumar Reddy Palle
Rushi Ashokbhai Patel
Igor V. Radzyuk
Akash Chikkadlur Ravi Shankar
Alex John Rojas
Chetan Shivalingappa
Dushyanthappa
Aleksandar Spasovski
Suhay Gupta Thunuguntla
Sagar Trehan
Drew Mendiola Vechell
Binghao Wang
Mian Wang
Zhuoran Wang
Daniel Keith Watson
Sandeep Reddy Yellu
Yikai Yin

PENNY W. STAMPS SCHOOL OF ART & DESIGN

Founded in 1974, Gunalan Nadarajan, Dean

Master of Fine Arts

Carolyn Elena Clayton
Nathan Alan Morgan

Emily Schiffer
Alisa Yuhfen Yang

Sanghun Yoo

SCHOOL OF KINESIOLOGY

Founded in 1984, Ronald F. Zernicke, Dean

Master of Arts

Kinesiology

Yingyin Chen
Ashley Cae Gardner
Yuanliu Hu
Soobum Jun

Robert John Keedy
Zikun Li
Merjournie O'Tavia Muskin
Blake William O'Neill
Matthew Thomas Ramsay

Andrew Kenneth Robeson
Siru Wang
Xianda Ye
Xialin Zou

Master of Science

Kinesiology

Leelai Mandela Abraha
Michael Allen Bowles

Tyler M. Cronin
Kyla Anne Cross
Alexa Keneen Johnson

Sarah Elizabeth Kessler

GERALD R. FORD SCHOOL OF PUBLIC POLICY

Founded in 1995, Susan M. Collins, Joan and Sanford Weill Dean of Public Policy

Certificate of Graduate Studies

Science, Technology and Public Policy

Jeffrey Christopher Bennett

Michelle Sinclair Hindman
Hiroshi Matsushima
Joshua David Silverblatt

Jifang Zhou

Master of Public Administration

Zachary Blake Bloomfield

Jennifer Franca Mann

Sripriya Mohan

Master of Public Policy

Mohamed Elamin Abbadi
Corey Ella Ackerman
Jennie Alfaro
Sharolyn Marie Arnett
Jacqueline Barocio
Tabitha C. Bentley
Matthew Yandala Bishop
Megan Catriona Blair
Jennifer Noel Bohl
Alison E. Carey
Hunter S. Cox
Adithya Dahagama
Jeremy Francis D'Aloisio
Kamolika Das
Luis Alfonso De La Cruz
Catherine Antoinette Derbes
Brenda J. Duverce
Katherine Elizabeth Eddins
Maya Efrati
Matthew Charles Ericson
Ryan Robert Etzcorn
Grace Evans
Megan Elizabeth Foster Friedman
Brittney Leigh Foxhall
Masato Fukushi

Brian Paul Garcia
Paul Anthony Gully III
Peter Haviland-Eduah
Alexander Franklin Hermann
Mitchell Herz
Michelle Sinclair Hindman
Satoshi Hori
Jiahao Huang
Maab Suleiman Ibrahim
Daiki Ikeda
Caitlin S. Jacob
Michon Marie Johnson
Aliza Zehra Kazmi
Kyle Matthew Killebrew
Kazuma Koide
Mika Koizumi
Andrew P. Kraemer
William Victor Lamping
Demar Francis Lewis IV
David Stuart MacKenzie
Rasheed Adam Malik
Alfredo Eduardo Martin Castro
Hiroshi Matsushima
Ruth Elizabeth McDonald
Brian Douglas McMillan

Matthew Mellon
Selamawit Nurri Misgano
Edgar Ivan Morales
Moe Nakamura
Seiya Ninomiya
Zachary Michael Ormsby
HyungGun Park
Rachael Podesfinski
Sneha Rao
Meredith Anne Reid
Corwin Nicholas Rhyan
Carlos Francisco Robles-Martinez
Emily Rose Rusca
Luis Miguel Salvador
Larry Justin-Gian Sanders
Arnav Delaney Samson Shah
Aubrey Chase Sitler
Erica Anne Sivertson
Joshua Austin Slaughter
Tomohiro Wakabayashi
Amy Michelle Wallace
Kuo Yan
Nathaniel William Zimmer

UNIVERSITY OF MICHIGAN GRADUATES

August 2016

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, Andrew D. Martin, Dean

Master of Arts

Arabic Studies

Natalie M. Zink

Modern Middle Eastern and North African Studies

Anne Marie Desiderio

Russian, East European and Eurasian Studies

Alexandra Scott Jason

Master of Science

Earth and Environmental Sciences

Jeffrey Craig Bennett, Jr.

Forrest Galen Gilfoy

David Joseph Levine

Psychology

Sarah Huff

MEDICAL SCHOOL

Founded in 1850, Marschall S. Runge, Dean

Certificate of Graduate Studies

Cellular Biotechnology

Allison Diane Matyas

Master of Science

Biological Chemistry

Mohamed Saleh Alrayyashi

Michael Gregory Miller

Pharmacology

Shen X. Cheng

Matthew Alexander Stanczyk

Andrew David McLeod

Alexander Mikhail

Elizabeth Norton

Christopher Gerard Schaitkin

Erin Elizabeth Spencer

Daniel Tanbakuchi

Genetic Counseling

Carol Ko

Physiology

Manell Aboutaleb

Carmen-Agnes Veja Bilbao

Brian Patrick Johnides

Samuel Anthony Kosinski

Alina Krewing

Alexie Ann Larson

Health and Health Care Research

Danielle C. Horne

Valerie Michele Vaughn

SCHOOL OF DENTISTRY

Founded in 1875, Laurie K. McCauley, Dean

Master of Science

Dental Hygiene

Michelle Christine Arnett
Jerelyn Marie Champine
Lorene Rose Kline
Samantha Kay Mishler

Orthodontics

Brittany Hazard Fischer
Andrew Garrett Havron
Fouad-Hassan S. Karim Ebrahim
Mavani
Jessica Pongetti

Prosthodontics

Crystal Jillian Ammori

Restorative Dentistry

Stephen Michael Wade

COLLEGE OF ENGINEERING

Founded in 1895, David C. Munson, Robert J. Vlasic Dean of Engineering

Master of Science

Design Science

Mary Nicole Molepske

Master of Science in Engineering

Civil Engineering

Yanet Zepeda

Mechanical Engineering

Nicole Alyssa Ryan
Johanna Heureaux

Biomedical Engineering

Joseph Grady Letner

Industrial and Operations Engineering

Daniel Robert Adsit
Anthony Joseph Sciuto

A. ALFRED TAUBMAN

COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1913, Robert L. Fishman, Interim Dean

Master of Science

Architecture Design and Research

Yasaman Esfahlani

SCHOOL OF EDUCATION

Founded in 1921, Deborah Loewenberg Ball, Dean

Master of Arts

Educational Studies

Audrey Lynn Akcasu
Lisa Michelle Anderson
Joshua Davis Andrew
Jazmin Akilah Barnett-Birdsong
Todd Basescu
Katherine Rose Beck
Ellen Blanchard
Joseph Patrick Bliven
Susan Laura Marie Buza
Asha Canady
Clifton Kwan-Ho Chan
Willow Rose Cherven
Andrew M. Coleman
Kimberly Ruth Creswell
Christopher Carlos Rene Culbertson
Margaret Tena Curran
Christina Lynn DeBianchi
Margot DiMuzio
Charity Lyn Donnelly
Jamie Elizabeth Hatchard Dybdahl
Ashley Marie Fraley
Zaina Marie Gennaoui
Dylan Thomas Gerrity
Elizabeth Whitney Gore
Kelly Christopher Grahl
Jessica Marie Gregory
Alexander Robert Greschuk
Logan Joseph Harvey
Rebecca Nicole Huff

Matthew Jackson
Emily Elizabeth Jaffe
Michecia Monique Jones
Peter Kaplan
Eleni Ann Kastanis
Amanda L. Kern
Ali Khalid
Brett Kilgore
Vydehi Krishnan
Elizabeth Anne Kur
Hang Dieu La
Vanessa Rae Logan
Dylan Michael Luna
Joel David Maidens
Lori Ann Mayer
Brandon George McDole
Caleb James Medacco
Alexander Medvedeff
Marc Geoffery Mens
Benjamin Joel Meyers
Yvette Meza-Vega
Taylor Kimberly Miles
Naomi Eve Miller
Emile Marc Moacdieh
Leopoldo Andre Monney
Henry John Muller
Maureen Elizabeth Nalepa
Philip Leslie Nathanson
Elizabeth Anne Nelson
Melissa Anne Nuyda

Brian Cass Peck
Winifred Carlota Perla
Andrew Michael Peters
Craig Michael Remmers
Alexander Rigney
Nur Roohi-Nankali
Kaylie Lauren Rosenthal
Abby Christine Ruehlmann
Joshua Christopher Sabo
Jordan Sabolish
Reem Ameer Salman
James Adam Schilt
Risa Seidman
Emily Simon
Emily Rose Simpson
Jeremy Lee Singer
Sarah Elizabeth Smith
Kaitlyn Louise Solar
Casey Sweeney Stockton
Amanda Catherine Stowe
Jacob Robert Topp
Kevin Isiah Trierweiler
Melissa Rose Villanueva
Jonathan Phinehas White
Joshua Alex Wiggins
Jason Kenneth Windes
Ellen Kathleen Zatkowski
Kun Zhao

SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT

Founded in 1927, Daniel G. Brown, Interim Dean

Master of Science

Natural Resources and Environment

Daniel Mark Buonaiuto

Dana K. Jackman
Julie Carol Jarvey
Christine Marie Knight

Zachery Everett Millbrand
Nicole Alyssa Ryan
Olivia Sage Spagnuolo

SCHOOL OF MUSIC, THEATRE & DANCE

Founded in 1940, Aaron P. Dworkin, Dean

Master of Fine Arts

Dance

Anthony Michael Alterio

Amy Patricia Cadwallader
Charles Bernard Gushue

Michael Travis Parmelee

SCHOOL OF PUBLIC HEALTH

Founded in 1941, Martin Philbert, Dean

Master of Science

Clinical Research

Jonathan Awori

Bryan Kunkler
Stephen George Philip

Michael J. Pienta

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Susan E. Borrego, Chancellor

COLLEGE OF ARTS AND SCIENCES

Master of Arts

Xuanrong Lu

Angela R. Whitlock

Master of Public Administration

Mark E. Callahan
Jennifer J. Osborn

Cindi S. Plummer
Nadine C. Powell

Dawn Shanafelt
Carla R. Volante

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1958, Daniel Little, Chancellor

COLLEGE OF ARTS, SCIENCES, AND LETTERS

Master of Public Administration

Radhika Desai

Master of Science

Environmental Science

Rosine Kubwimana

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

Master of Arts

Education

Ndieh Aun

Oula Bitar

Nancy El-Moussawel

Courtney Pusta

Diana Salamey

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Master of Science

Information Systems and Technology

Renugadevi Sreepathy

Program and Project Management

Murad Yousef

Software Engineering

Jose Luis Solis-Marquez

Master of Science in Engineering

Industrial and Systems Engineering

Steve Paul DeMaagd

SCHOOL OF KINESIOLOGY

Founded in 1984, Ronald F. Zernicke, Dean

Master of Science

Kinesiology

Kun Zhao

GERALD R. FORD SCHOOL OF PUBLIC POLICY

Founded in 1995, Susan M. Collins, Joan and Sanford Weill Dean of Public Policy

Master of Public Administration

Jenna Renae Yandala Engquist

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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It is the right of members of the University community, speakers, artists, and other invited guests to express their views and opinions at the University. We will protect the right of individuals to speak or perform, and the rights of those members of the University community who wish to hear and communicate with an invited speaker or artist.

Protesters also have a right to express their opposition to a speaker in appropriate ways, both within the confines of this building and outside the facility. However, protesters must not interfere unduly with communication between a speaker or artist and members of the audience.

If the hosts of this event or University representatives believe that protesters are interfering unduly with a speaker or performer's freedom of expression, those protesters will be warned. If the warnings are not heeded and the interference continues, then the individuals responsible may be removed from the building.

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Comments? Contact us at rackhamgraduateexercises@umich.edu

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

The Victors

Hail! to the victors valiant
Hail! to the conqu'ring heroes
Hail! Hail! to Michigan
the leaders and best
Hail! to the victors valiant
Hail! to the conqu'ring heroes
Hail! Hail! to Michigan
the champions of the West!

