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!
Statement on Freedom of Speech and Artistic Expression

Thank you for attending this program. The University of Michigan strives to create a truly open forum, one in which diverse opinions can be expressed and heard.

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.

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

Nondiscrimination Policy Statement

The University of Michigan, as an equal opportunity/affirmative action employer, complies with all applicable federal and state laws regarding nondiscrimination and affirmative action. The University of Michigan is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, national origin, age, marital status, sex, sexual orientation, gender identity, gender expression, disability, religion, height, weight, or veteran status in employment, educational programs and activities, and admissions. Inquiries or complaints may be addressed to the Senior Director for Institutional Equity, and Title IX/Section 504/ADA Coordinator, Office of Institutional Equity, 2072 Administrative Services Building, Ann Arbor, Michigan 48109-1432, 734-763-0235, TTY 734-647-1388. For other University of Michigan information call 734-764-1817.

Comments? Contact us at rackhamgraduateexercises@umich.edu

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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

| Carillon Selections | Tiffany Ng  
| University Carillonist and Assistant Professor of Music  
| School of Music, Theatre & Dance |  

| Prelude | Pièce d’Orgue, BWV 572  
| James Kibbie  
| University Organist and Professor of Music  
| School of Music, Theatre & Dance |  

| *Processional | Trumpet Voluntary  
| James Kibbie |  

| *The National Anthem | The Star Spangled Banner  
| Rehanna Thelwell  
| Soloist  
| Master’s of Music Candidate  
| School of Music, Theatre & Dance |  

| Welcome | Martha E. Pollack  
| Provost and Executive Vice President for Academic Affairs |  

| Statement to the Class of 2016 | Mark S. Schlissel  
| President |  

| Musical Selections | Cantate Domino  
| Composed by Hans Leo Hassler |  

| The University | Composed by Jerry H. Bilik and Hazen J. Schumacher |  

| University of Michigan Men’s Glee Club  
| Eugene C. Rogers  
| Conductor |  

| Commencement Address | Mary-Claire King  
| American Cancer Society Professor of Medicine (Medical Genetics)  
| and Professor of Genome Sciences  
| University of Washington |  

| Remarks on Behalf of the Horace H. Rackham School of Graduate Studies | Carol A. Fierke  
| Dean, Horace H. Rackham School of Graduate Studies  
| and Vice Provost for Academic Affairs—Graduate Studies |  


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  ex officio

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Cynthia H. Wilbanks  Vice President for Government Relations
Susan E. Borrego  Chancellor
University of Michigan-Flint
Daniel Little  Chancellor
University of Michigan-Dearborn
<table>
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<th>DEANS AND REPRESENTATIVES</th>
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<tr>
<td>Deborah Loewenberg Ball</td>
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<td>Laurie K. McCauley</td>
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<td>Marschall S. Runge</td>
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<td>Mark D. West</td>
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<tr>
<td>Ronald F. Zernicke</td>
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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
Marylyse Baptista
Kira L. Barton
Jose Arturo Bauermester
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
Tabybe 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
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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
Drgan Huterer
Hong G. Im
Michael J. Imperiale
Edward L. Ionides
Lori Isom
Daniel Jacobson
Judy Jin
Vesa M. Kaatinnen
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 Lehavy
Nicolai Lehnert
Alaina Lemon
Andrei A. Levchenko
Jun Li
Xiaogan Liang
Andrew P. Lieberman
Suljo Linic
James T. Liu
Mingyan Liu
Kyper 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

7
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
Xiaoming 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 Fletcher
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
Dominic 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
Edward Villamor
Angela Violio
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
Haoxiong 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
Presidential Bicentennial Professor
Arthur F. Thurnau Professor
Associate Professor of Political Science
and Philosophy
College of Literature, Science,
and the Arts
Chief Marshal

Valeria Bertacco
Professor of Electrical Engineering
and Computer Science
College of Engineering
Assistant Chief Marshal

Leigh A. Woods
Professor of Theatre and Drama
School of Music, Theatre & Dance
Assistant Chief Marshal

ACADEMIC DRESS AND CUSTOM

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

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

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

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

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

College of Literature, Science, and the Arts
Medical School
Law School
School of Dentistry
College of Pharmacy
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  blue violet
Business Administration  drab
Dentistry  lilac
Education  light blue
Engineering  orange
Fine Arts  brown
Information  lemon
Kinesiology  sage green
Law  purple
Literature and Arts  white
Medicine  green
Music  pink
Natural Resources and Environment  russet
Nursing  apricot
Pharmacy  olive green
Philosophy  dark blue
Public Health  salmon pink
Public Policy  peacock blue
Science  golden yellow
Social Work  citron

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.
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.

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.

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.

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.

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).
Melissa 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.


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


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.


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


**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.


Alexis Jo Carulli, Field of Specialization: Molecular and Integrative Physiology. Dissertation: The Dynamic Regulation of Intestinal Stem Cells by Notch Signaling.


Jason Chen, Field of Specialization: Business Administration. Dissertation: Geographic Dispersion of Investors and Price Discovery around Earnings Announcements.


Yuan Chen, Field of Specialization: Chemical Engineering. Dissertation: Designing Heterogeneous-Based Cascade Catalytic Systems for Carbon Dioxide Hydrogenation.


Chan Chung, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Niemann-Pick Type C Disease: Protective Mechanisms from Neurodegeneration and Targets for Therapeutic Intervention.


Cailin Terese Collins, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Role of Collaborator Proteins in HOXA9/MEIS1-Mediated Leukemogenesis.
Doctor of Philosophy


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


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.


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


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


Doctor of Philosophy


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 Madhyamakāvatāra dayakārīka and Tarkajñavālā.


Daniel Hirschman, Field of Specialization: Sociology. Dissertation: Inventing the Economy Or: How We Learned to Stop Worrying and Love the GDP.


Victoria Iome Holden, Field of Specialization: Microbiology and Immunology. Dissertation: The Impact of Siderophores and Iron Acquisition on Klebsiella Pneumoniae Pathogenesis.


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.


HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy


Frank Kwarcinski, Field of Specialization: Medicinal Chemistry. Dissertation: Developing Kinase Inhibitors as Chemical Tools and Potential Drugs.


Michelle Mai Kwok, Field of Specialization: Educational Studies. Dissertation: Tracing the Mediating Contexts of Disciplinary Writing Instruction from Professional Development to Classrooms.


Doctor of Philosophy

Xinran Li, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: A Molecular Mechanism to Regulate Lysosome Motility for Lysosome Positioning and Tubulation.
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: Information. Dissertation: Mining Social Media to Understand Consumers’ Health Concerns and the Public’s Opinion on Controversial Health Topics.
Na Mo, Field of Specialization: Chemical Engineering. Dissertation: Aromatic Hydrocarbons from Pure Fatty Acids and Renewable Triglyceride Feedstocks via Hydrothermal Zeolite Catalysis.
Matthew John Muckley, Field of Specialization: Biomedical Engineering. Dissertation: Acceleration Methods for MRI.
Dao Xuan Nguyen, Field of Specialization: Statistics. Dissertation: Iterated Filtering and Smoothing with Application to Infectious Disease Models.
Doctor of Philosophy

Timothy Michael Olson, Field of Specialization: Physics. 
Dissertation: A Cross Section of Amplitudes.


Gina J. Park, Field of Specialization: Education and Psychology. Dissertation: Exploring Teachers’ Knowledge and Beliefs About the Value of Psychological Knowledge for Teaching.


Joshua Glenn Petrie, Field of Specialization: Epidemiological Science. Dissertation: Vaccine Induced Protection Against Influenza: Persistence of Serum Antibodies, Vaccine Efficacy as a Function of Time, and Use of Transmission Models to Estimate Vaccine Effectiveness in Household Cohort Studies.


Lindsay Regina Pool, Field of Specialization: Epidemiological Science. Dissertation: The Health Consequences of Negative Wealth Shock During Late Middle Age.


Hang Ren, Field of Specialization: Chemistry. Dissertation: Electrochemically Modulated Generation/Delivery of Nitric Oxide (NO) from Nitrite for Biomedical Applications.


Leela Ruckthong, Field of Specialization: Biophysics. Dissertation: Crystallographic Comparison of Tris-Thiolate Sites in Designed Proteins to Control Metal Geometries.

Garrett Adrian Ryan, Field of Specialization: Greek and Roman History. Dissertation: Placing Power: Greek Cities and Roman Governors in Western Asia Minor, 69–235 CE.
**Doctor of Philosophy**


**Chenhui Shao**, Field of Specialization: Mechanical Engineering. Dissertation: Data-Based Spatial and Temporal Modeling for Surface Variation Monitoring in Manufacturing.


**Amy Sutton**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Dissecting Paraventricular Hypothalamic Neural Circuits Involved in Energy Balance Control.

**Adnan Khawaja Syed**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Factors that Influence Colonization with *Staphylococcus aureus*: The Role of Triclosan, the Immune Response, and Polymicrobial interactions.


**Bram Ludovicus Henricus ten Berge**, Field of Specialization: Classical Studies. Dissertation: Tacitus on Principate and Empire: from the *Agricola* to the *Annales*.


Doctor of Philosophy


Kuei-Nin Tseng, Field of Specialization: Chemistry. Dissertation: Structure and Reactivity Studies of Bis(pyridylimino)isoindolate Transition Metal Complexes.


Sriram Vaidyanathan, Field of Specialization: Biomedical Engineering. Dissertation: Disruption of Endosomal Membrane by Cationic Vectors Drives Endosomal Release and Enables Successful Gene Delivery.


Yichun Wang, Field of Specialization: Biomedical Engineering. Dissertation: Three Dimensional Cell Culture: A Window into Transport of Nanomedicine in Tumor Tissue.


Leah Gayle Weinberg, Field of Specialization: Music. Dissertation: Opera behind the Myth: An Archival Examination of Einstein on the Beach.


Doctor of Philosophy


Yanxiao Zhang, Field of Specialization: Bioinformatics. Dissertation: High-Throughput Bioinformatics Approaches to Understand Gene Expression Regulation in Head and Neck Tumors.


Junnan Zhao, Field of Specialization: Materials Science and Engineering. Dissertation: Morphological Design for Block Copolymer/Homopolymer Based Thin Film Blend Systems.

Linbo Zhao, Field of Specialization: Cancer Biology. Dissertation: Host Genes Associated with BK Polyomavirus Entry and Intracellular Trafficking.


HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Certificate of Graduate Studies

Complex Systems
Gregory John Foakes
Colin Patrick F. Shields

Computational Discovery and Engineering
Joel Aaron Kulesza
Bharadwaj Ram Kumar Mantha

Data Science
Xiang Li

Industrial Ecology
Daniel Bator

Museum Studies
Jeremy Golubcow-Teglasi
Alicia Liame Juillet

Real Estate Development
Katrina Felice Celio Chaves
Maximilius Jarik Paul Cupp
Ryan Michael Goold
Mark Allen Langrehr
Frank Junior Romo
Chad Alexander Schram
David Sterrett Shellabarger III
Tung Yu Yeh

Master of Science

Applied and Interdisciplinary Mathematics
Adrian Gabriel Carballeira
Derrick Taylor Sund
Erick F. Vega

Chemical Biology
Mahmoud Thabet Abedaljawad
Faiza Nasser S. Alotaibi
Theodore Demetri Davis
Pradeep Moon Gunasekaran
Everett Clinton Hall III
Lindsey Allison Karp
Karson Jack Kump
Azhar Mohamed Baqer Saeed
Yuang Sun
Kristi Wang

Survey Methodology
Maura Elaine Bardos
William Wah Chan
Jennifer Ross Durow
Rachel Anne LeClere
Yimeng Ma
Alex J. McMillan
Stacy Lee Pancratz
Martha Jane Rozsi
Yi Wang
Emma L. White
COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS
Founded in 1841, Andrew D. Martin, Dean

Certificate of Graduate Studies

African Studies
Michael Bienz Burbidge

Judaic Studies
Yaakov Herskovitz

Science, Technology, and Society
Nicole Louise Novak
Yiqing Qian

Screen Arts and Cultures
Leah Gayle Weinberg

Women’s Studies
Lauren Nicole Eriks

Master of Arts

American Culture
Kyle Cooper Frisina
Jallicia Allicia Jolly

Anthropology
Bree Nan Doering

Applied Economics
Qiao Chen
Yuxi Cheng
Samantha Le Ling Chua
Wei Fang
Xiang Fang
Danyang Fu
Jeffrey D. Hay
Shan He
Qiansheng Hou
Yuanliu Hu
Jiyeon Lee
Yida Li
Junhong Liang
Xufen Lin
Erhai Liu
Nabil Sojel Lopez Hawa
Yue Ma
Akira Mizukami
Quihong Piao
Jing Ping
Zijian Qi
Charan Ravindra
Suparit Suwanik
Yifu Wang
Yiran Xie
David Yang
Yuanyuan Yang
Tong Yin
Tzu-Yi Yu
Christina Zafeiridou
Yisi Zhan
Ran Zhang
Xiajun Zhang
Zhenshuo Zhang
Yiqing Zhu
Zeqi Zhu

Applied Statistics
Tinghui Zhu

Arabic Studies
Elizabeth Frances Caton
Matthew James Reed
Caroline Simmons Robinson
Alexander Scott

Asian Studies: China
Ryan Robert Etzcorn
Brett Hazelton Hine
Samantha Hurt
Neal Xavier McKenna
Ting Su
Andrea Cristina Valedon-Trapote

Asian Studies: Japan
Elizabeth Kei Kataoka
Jesse L. Taylor

Classical Studies
Louise Loehndorff

Economics
Will Boning
Rahul Chhabra
Max William Risch
Elchin Suleymanov

Germanic Languages and Literatures
Danny Harald Gronmaier

Judaic Studies
Kelly Ann Onickel

Modern Middle Eastern and North African Studies
Jameel Brenneman
Crystal June Labrosse
Alexander Scott

Philosophy
Kevin Joseph Blackwell
Filipa Melo Lopes
Christopher Roger Nicholson

Russian, East European and Eurasian Studies
Einar David Manki
Jesse Webb Stricklan

Slavic Language and Literature
Amanda Jane Getty

Sociology
José Henrique Bortolucci
Jessica R. Garrick
Jessica White Gillooly
Kendra Ruth Opatovsky
Angela Katherine Perone

Southeast Asian Studies
Zoe McLaughlin

Statistics
Sougata Chaudhuri
Youngjun Choe
Yanxiao Zhang
COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Master of Fine Arts

Creative Writing
Belle Kikili’a Baxley
Jenny Mae Boychuk
Emily Stevens Chew
Cristina Crocker Escribano
Elizabeth Ward Dickey
Allie Tova Hirsch
Hanae Uchida Jonas
Menachem Meir Kaiser
William Edward Klein
Kayla Nicole Krut
Christin Michelle Lee
Hannah Louise Poston
Amanda M. Rybin Koob
Francis Santana
Kathleen Schenck
Scott Carl Seres
Helena Anne Smith
Chau Ngo Bao Tran
Hannah Rose Webster
Warner James Wood

Master of Science

Applied Statistics
Olga Borovikova
Richard Ian Bryant
Ziwei Cao
Yiyu Chen
René Armando Crespin
Sumie Hariya
Benjamin Thomas Gutow Hopkins
Ye Liu
Ian Yi-Chan Liu
Yumu Liu
Lan Thi Thu Nguyen
Huiling Qiao
David Broderick Reynolds
Yeng Saanchi
Yanyi Song
Ying-Ying Su
Ryan Reed Vaughn
Jingwei Wang
Kuan-Wen Wang
Chris Wang
Jung Yeon Won
Wanying Xie
Jamie Roslyn Tan Yap
Jiawen Yu
Weiqing Yu
Shuning Zhang
Eric Zhang

Earth and Environmental Sciences
Anna Elizabeth Clinger
Peter Jeffrey Cook
Jesse Fenno
Jordan Meridith Hood

Ecology and Evolutionary Biology
Peter Abrego Cerda
Joanna Grace Larson
Nicholas L. Medina
Ivan Vincent Monagan
Carlos Patricio Munoz Ramirez
Johanna Melissa Nifosi
Madalyn Alicia Zimbrick

Mathematics
Berk Altin
Pelham Conway Barron
Nora Jean Evans
Xiang Fang
Yuzhou Li
Jie Mei
Rohan Ravindra Morajkar
Ji Sun
Tianpei Xie
David Yang
Shuning Zhang

Physics
Peter Raymond Kordell

Psychology
Sammy F. Ahmed
Jillian Suzanne Bean
Emma Elisabeth Anne Beyers Carlson
Raymond Murray Cleveland
Fernanda Lima Cross
Amira Leanne Walid Halawah
Corey Eric Jackson
Zunaira Jilani
Sally Catherine Kim
Kristan Claudia Mallett
Jessica Lynn Matsick
Jessica Louise Nicosia
Andrew Pomerville
Justin Thomas Sarkis
Taylor Mackenzie Shapnell
Gladys Yee-Kim Tan
Yuqi Wang
Elizabeth Anuying Yu

Quantitative Finance and Risk Management
Feng Wang

Chemistry
Adam Jacob Crowe
Sugyan Dixit
Stephen Alexander Ferguson
Peter Keith Goldberg
Mina Jafari
Rosalyn V. Kent
Hilary Ann Kerchner
Rachel Martha Kirpes
Stephen Anthony Lee
Katarina J. Makaravage
Daniel Alan Polasky
Daniel Jordan Steyer
Rebecca R. Watson
Blair Aryelle Winograd
Brandon Jon Yik
Wuliang Zhang

Molecular, Cellular and Developmental Biology
Eric Eugene Paul Cosky
Ashley Jean Cuttitta
Kamirah Simone Demouchet
Ariel Janiece Harden
Syeda Roop Fatima Jaffri
Yeonjoo Oh
Zhixuan Ren
Abneris Enid Rodriguez
MEDICAL SCHOOL
Founded in 1850, Marschall S. Runge, Dean

Master of Science

Bioinformatics
Sushma Chaluvadi
Ling Huang
Edison Ong
Sara Elizabeth Walker

Cellular and Molecular Biology
Ritesh KC
Viktoria Salzmann

Genetic Counseling
Shenin Adel Dettwyler
Samantha Elizabeth Greenberg
Diane Renee Koeller
Mary Alice Oliver
Linford Anthony Williams

Health and Health Care Research
Gregory B. Auffenberg
Elena Byhoff
Christina Chapman
Alicia Julie Cohen
Mark Healy
Chithra R. Perumalswami
Michael Seyffert
Thomas Sebastian Valley
Maria A. Woodward

Pharmacology
Adam Fischer
Angelina Martha Issa
Zeinab Wajih Kanso
Vikram Kapila
Christopher Ramis Sesi
An-Yi Sheu
Simar Raj Singh

Physiology
Stephanie Carolina Sanchez

SCHOOL OF DENTISTRY
Founded in 1875, Laurie K. McCauley, Dean

Master of Science

Restorative Dentistry
Jordi Ferre
May Ling Alicia Rodriguez
Villamizar

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

Master of Science

Atmospheric, Oceanic and Space Sciences
Lindsay Ellen Fitzpatrick
Ziqi Gao
John David Haiducek
Xin Li
Annareli Morales
Lu Ren
Jamie Lynn Ward

Biomedical Engineering
Pradyumn Agarwal
Steven Peter Basile
Oliver O’Connor Bloom
Amos Alexander Cao
Wei-Lin Chu
Daniel Walter Clough
Dakota Nevans Crisp

Computer Science and Engineering
Tie Chen

Adam Freeman Dear
Nicklaus Henry Diggins
John S. Eid
Ayse Buke Hiziroglu
Grace Nathalie Justinvil
Chih-Ching Lin
Chad Alan Newton II
Rebecca Stevens
Walker Lanier Thompson
Philip Phuognam Vu
Yi-Ren Wang
Dongyang Xu
Yafang Xue
Xiuyuan Yang

Abhilash Chetan Dighe
Lynn Hardie Garrett
Vaibhav Vinod Gogte
Nathan Paul Harada
Parker Hill
Chien-Wei Huang
Yuke Liao
Peter Lindes
Ya-Yun Lo
Tai-Chuan Ou
Tejas Anil Patel
Vaspol Ruamviboonsuk
Yuru Roy Shao
Mason Davis Wright
Shichang Xu
Sizheng Yu
Rishi Manish Zaveri
Stephen Alexander Zekany
Master of Science

Design Science
Gregory Caputo
Yen-Chun Lin

Electrical and Computer Engineering
Ripudaman Singh Arora
Jose Eduardo Barcenas
Aizhan Berdimbet
Bokai Chen
Ziming Chen
Yi-Jui Chiu
Harshad Dharmatti
Li Ding
Binghong Fu
Xiong Gao
Rashmi Hegde
Hongyuan Ji
Dezhou Jiang
Jiahong Ju
Moon Young Lee
Daniel Emmit LeJeune
Han Li
Tai-Ming Lin
Zhou Lin
Jinjin Liu
Tenghui Liu
Weizi Liu
Juan Camilo Orozco
Ameya Ashok Rane
Shang Shi
Yao Shi
Sarah Ayelet Spitzer
Peng Sun
Yixiong Tang
Yicheng Wang
Yuanzhan Wang
Chongruo Wu
Jie-Ping Wu
Nan Wu
Haohan Xie
Sheng Xie
Wei Xu
Yibin Yang

Electrical Engineering
Badeea Ferdaous Alferdaous Alazem
Abdullah Mohammed Alghaihab
Tan Bie
Vishishtha Bothra
Yuanhang Cao
Jingyi Deng
Milind Nemchand Furia
Yu-Chung Hu
Tianyu Huang
Yao Jiang
Yang Jiao
Xiangfei Kong
Gahiyeon Lee
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

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
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

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
Xinzhi 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 Tumulak

Nuclear Science
Wei-Ting Chen

Robotics
Vittorio Bichucher
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 Ramshakar
Joseph Daniel Salemi
Matthew Schneider
Evran Ural
Marcus William Wogan
Chris Kyoung Jae Yu

Chemical Engineering
Sneha Pramodshai 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 Baik
Nikita Bhutani
Kuangyuan Chen
James Cheng
Ho Gene Choe
Chengwei Dai
Ali Fadhallah
Qi Gao
Helen Areffayne 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
Jaelee Ahn Salhi
Aditya Nott Shankar
Jie Song
Alex Tarrant
Sree Sesha Aravind Vadrevu
Changhan Wang
Hongji Wang
Ryan Michael Wawrzaszek
Chun Wu
Fangzhou Xing
Yilan Zhang

Construction Engineering and Management
Jie Huang
Xinhua 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
Hongsu 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
Payapat Stratarnsophon
Scott M. Wigler
Jay Zhang
Renhan Zhang

Environmental Engineering
Jeffrey Andrew Battiste
Lu Chen
Keith Heidecorn
Benjamin Emil Kunstman
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
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
Apuv Shanker
Colin Patrick F Shields
Swayam Sikaria
Steven J. Stark
Lauren Nicole Steimle
Melissa Ann Sweeney
Siyuian 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 Kramadhati
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
Haoyian 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 Kazemiabnawi
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
Yushu Ma
Tarun Maandi
Harshit Malik
James Kayode Ofuegb
Christopher Paul Pannier
Sulbin Park
Anthony Luis Perez
Wubing Qin
Michael Andrew Quann
Pradhyumna Ramesh
Zachary Benjamin Renwick
Jeremy Paul Ross
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
Hanan Wang
Yuanzhan Wang
Zihang Wei
Kevin John Weld
Siyuan Wu
Xiuyuan Wu
Hanyi Xie
Peilun Xie
Yinan Xu
Yunxiang Xu
Frank Qiusha 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
Seon 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 McCarron
Marcelline Jade Michell
Tat Nghi Nguyen
Daniel Frank Polan
Athena Ashwene Sagadevan
Mengjiao Zhao
### A. Alfred Taubman College of Architecture and Urban Planning

**Founded in 1913, Robert L. Fishman, Interim Dean**

#### Master of Science

**Architecture Design and Research**
- Tzu-Chieh Hong
- Joseph Michael Jastrebski
- Priyanka Khasanvis
- Amogha Sanjeevaiah Krishnaiah
- Fanran Li
- Iram Moreno Pinon
- Shahida Sharmin
- Wei-Chang Adam Wang
- Zhijing Yang

**Master of Urban Planning**
- 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
- Terra Molengraff
- Chiedozie Eric Okafor
- Marissa Rose Thornton
- Amber Williams

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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
Yoshikiko 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
Divyesh Kumar
Montana James Krukowski
Benjamin Emil Kunsmann
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 Lara
Nicholas James Machinski
Ilan 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 Rassell
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
Zi Dienne Tan
Natalie Alyssa Nicole Tonn
Devina Mahesh Trivedi
Nate Underwood
Shreya Vangala
Kaitlyn Fenno Vaux
Mayank Vikas
Andrea Robyn Wagelstein
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. Vettraino

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-Reynolds 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

Epidemiological Science
Michelle Jeanne Earley

Health Services Research
Rekar Karwan Taymour

Nutritional Sciences
Ya-Wen Chang
Carly McCabe
Yue Wu

Toxicology
Evan Michael Hill

Clinical Research
Zhe Guan

Environmental Health Sciences
Stephanie Kay Sayler
Gan Wang
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, 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 Buddde
Satya Bhagyasree Chebrolu
Erzhuo Chen
Srivali 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
Naushaan Amir
Huizhu Chen
Michael Godlew
Stephen Meinschein
Alizea Mohammadi
Armand T. Tchonang

Information Systems and Technology
Evan M. Henri
Urvi Aakash Patel
Olufaseun Oluwajare Rufus
Mohammad Shehab

Program and Project Management
Haidar Al Jumaili
Kimberly Ann Bologna
Robert Guillermo Carranco

Software Engineering
Sriniwas 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 Cheluvaiah
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 Narayananmurthy
Vijay Narayanaswamy
Aakrsh 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
Master of Science in Engineering

Aditya Anant Sawant
Suhas 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
Drishi Dilip Trivedi
Heting Wei
Wessen Zari
Yumeng Zhou
Shaoyu Zhu

Industrial and Systems Engineering
Yucong Chang
Wen Feng
Sri Harvisha Gudapati
Yao Hong
Junxuan Li
Timothy Craig Maes
Andrew John Pinch
Prerana Rachamalla
Amir Riwas
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 Bhargav Chandu
Praveen Choudhury
Sat Krishna Davuluri
Vishal Lakshman Dhayagonde
Monica Ann DuBois
Khaled El-Nagi
Erzabeth Julia Fekete
Valerie Roxanne Feliciano-Atra
Souri Gadeppalli
Ricardo David Garcia
Aditya Sai Gundu
Yashwanth Gurram
Christian Johan Owen Handley
Catherine Elise Herringer
John Everett Hilliker
Yueheng Huang
Abdul Qadir Iliyas
Mayank Kumar Jaiswal
Nikhil Krishna Kanchan
Xu Kang
Pratharshith Kumar Komaragiri
Akash Ladha
Ubaldo Borja Martinez
Praneeth Medikonda
Abdul Shoaih 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
Suhas 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
Robert John Keedy
Zikun Li
Merjournie O’Tavia Muskin
Blake William O’Neill
Matthew Thomas Ramsay

Yingyin Chen
Ashley Cae Gardner
Yuanliu Hu
Soobum Jun

Master of Science

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

Yingyin Chen
Ashley Cae Gardner
Yuanliu Hu
Soobum Jun

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
Michelle Sinclair Hindman
Hiroshi Matsushima
Jifang Zhou
Jeffrey Christopher Bennett
Joshua David Silverblatt

Master of Public Administration

Zachary Blake Bloomfield
Jennifer Franca Mann
Sripiya 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
Jia Hao 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 Ali 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
Rachel Podesfinski
Sneha Rao
Meredith Anne Reid
Corwin Nicholas Rhyar
Carlos Francisco Robles-Martinez
Emily Rose Rusca
Luis Miguel Salvador
Larry Justin-Gian Sanders
Arnab Delaney Samson Shah
Aubrey Chase Stetler
Erica Anne Sivertson
Joshua Austin Slaughter
Tomohiro Wakabayashi
Amy Michelle Wallace
Kuo Yan
Nathaniel William Zimmer
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.  
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  
Genetic Counseling
Carol Ko  
Health and Health Care Research
Danielle C. Horne  
Valerie Michele Vaughn  
Pharmacology
Shen X. Cheng  
Matthew Alexander Stanczyk  
Physiology
Manell Aboutaleb  
Carmen-Agnes Vea Bilbao  
Brian Patrick Johnides  
Samuel Anthony Kosinski  
Alina Krewing  
Alexie Ann Larson

Andrew David McLeod  
Alexander Mikhail  
Elizabeth Norton  
Christopher Gerard Schaitkin  
Erin Elizabeth Spencer  
Daniel Tanbakuchi
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

Industrial and Operations Engineering
Daniel Robert Adsit
Anthony Joseph Sciuto

Mechanical Engineering
Nicole Alyssa Ryan
Johanna Heureaux

Biomedical Engineering
Joseph Grady Letner

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 Iaffe
Michelia Monique Jones
Peter Kaplan
Eleni Ann Kastanis
Amanda L. Kern
Ali Khalid
Brett Kilgore
Nydehe Krishnan
Elizabeth Anne Kur
Hang Dieu La
Vanessa Rae Logan
Dylan Michael Luna
Joel David Maidens
Lori Ann Mayer
Brandon George McDole
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The Yellow and Blue

Michael W. Balfe

Sing to the colors that float in the light; Hurrah for the Yellow and Blue!

Yellow the stars as they ride thro' the night, And reel in a rollicking crew

Yellow the fields where ripens the grain, And yellow the moon on the harvest wain; Hail!

Hail to the colors that float in the light; Hurrah for the Yellow and Blue!
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Thank you for attending this program. The University of Michigan strives to create a truly open forum, one in which diverse opinions can be expressed and heard.

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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!

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 Yellow and Blue

The Victors