



University Graduate Exercises

University of Michigan

May 2, 2014
Hill Auditorium

UNIVERSITY GRADUATE EXERCISES

UNIVERSITY OF MICHIGAN

May 2, 2014
10:00 a.m.

Candidates for graduate degrees are recommended jointly by the Executive Board of the Graduate School 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 2014 candidates for degrees begins on page 43.

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

#MGoGrad

ORDER OF EXERCISES

PRELUDE

Prelude and Fugue in E Flat Major, BWV552
Composed by Johann Sebastian Bach
Kipp Cortez
Doctoral Pre-Candidate, School of Music, Theatre & Dance

*PROCESSIONAL

Phoenix Processional
Composed by Dan Locklair
Kipp Cortez

*THE NATIONAL ANTHEM

The Star Spangled Banner
Leann Schuering
Soloist
Doctoral Candidate, School of Music, Theatre & Dance

WELCOME AND INTRODUCTIONS

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

STATEMENT TO THE CLASS OF 2014

Mary Sue Coleman
President

MUSICAL SELECTIONS

Michigan Remember
Composed by Paul Rardin

Flight
Composed by Daniel Elder
The University of Michigan Men's Glee Club
Eugene C. Rogers, Conductor

COMMENCEMENT ADDRESS

Daniel Okrent
Author and former public editor of The New York Times

REMARKS ON BEHALF OF THE HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Janet A. Weiss
*Dean, Horace H. Rackham School of Graduate Studies
and Vice Provost for Academic Affairs-Graduate Studies*

CANDIDATES FOR MASTER'S DEGREES AND CERTIFICATES

Mary Sue Coleman
Janet A. Weiss

PRESENTATION AND HOODING OF DOCTORAL CANDIDATES

Mary Sue Coleman
Janet A. Weiss

CONGRATULATIONS

Janey Lack
Chair of the Board of Directors, Alumni Association

*THE ALMA MATER

The Yellow and Blue
Composed by Michael W. Balfé
Sung by the Audience
Accompanied by:
Kipp Cortez
The University of Michigan Men's Glee Club
(see words on back cover)

*RECESSIONAL

Crown Imperial
Composed by William Walton
Kipp Cortez

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.

The University of Michigan wishes to thank Elizabeth Clarno and Julie Vance, American Sign Language Interpreters, for their important service during this program. In addition, a viewing area equipped with real-time captioning is designated on the main floor. Please ask a faculty marshal if you need assistance locating this area.

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

Mark J. Bernstein	Ann Arbor
Julia Donovan Darlow	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
Mary Sue Coleman	<i>ex officio</i>

EXECUTIVE OFFICERS

Mary Sue Coleman
President

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

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Vice President for Government Relations

Daniel Little
Chancellor
University of Michigan-Dearborn

Ruth J. Person
Chancellor
University of Michigan-Flint

DEANS AND REPRESENTATIVES

Frank J. Ascione	<i>Dean, College of Pharmacy</i>
Deborah Loewenberg Ball	<i>Dean, School of Education</i>
Susan M. Collins	<i>Joan and Sanford Weill Dean of Public Policy, Gerald R. Ford School of Public Policy</i>
Alison Davis-Blake	<i>Edward J. Frey Dean of Business, Stephen M. Ross School of Business (represented by Associate Dean Wallace J. Hopp)</i>
Susan A. Gelman	<i>Interim Dean, College of Literature, Science, and the Arts</i>
James L. Hilton	<i>University Librarian and Dean of University Libraries</i>
Christopher Kendall	<i>Dean, School of Music, Theatre & Dance (represented by Associate Dean Steven Whiting)</i>
Laura Lein	<i>Dean, School of Social Work (represented by Professor Berit Ingersoll-Dayton)</i>
Jeffrey MacKie-Mason	<i>Dean, School of Information</i>
Laurie K. McCauley	<i>Dean, School of Dentistry (represented by Professor Jan Hu)</i>
Marie Lynn Miranda	<i>Dean, School of Natural Resources and Environment</i>
David C. Munson	<i>Robert J. Vlasic Dean of Engineering, College of Engineering (represented by Associate Dean Dawn Tilbury)</i>
Gunalan Nadarajan	<i>Dean, Penny W. Stamps School of Art & Design (represented by Associate Dean Elona Van Gent)</i>
Martin Philbert	<i>Dean, School of Public Health</i>
Monica Ponce de Leon	<i>Dean, A. Alfred Taubman College of Architecture and Urban Planning</i>
Kathleen Potempa	<i>Dean, School of Nursing</i>
Janet A. Weiss	<i>Dean, Horace H. Rackham School of Graduate Studies and Vice Provost for Academic Affairs–Graduate Studies</i>
Mark D. West	<i>Dean, Law School (not represented)</i>
James O. Woolliscroft	<i>Dean, Medical School (not represented)</i>
Ronald F. Zernicke	<i>Dean, School of Kinesiology</i>

COMMENCEMENT SPEAKER

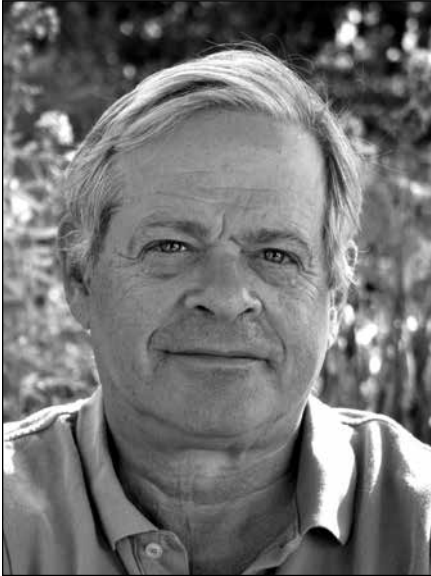


Photo by Elman Horiz

DANIEL OKRENT

In an exemplary and storied career, University of Michigan alumnus Daniel Okrent has excelled as an author, editor of books and periodicals, journalist, and cultural historian. He also advanced the field of media criticism as the *New York Times*' first public editor. Born and raised in Detroit, he was a features editor at *The Michigan Daily* in the late 1960s. After earning his B.A. degree (1969), he moved to New York City, where he was an editor at Alfred A. Knopf, Inc., and Viking Press and editor-in-chief at Harcourt Brace, Inc. Additionally, he founded *New England Monthly*, which won the National Magazine Award for General Excellence in 1986 and 1987. He also was managing editor of *Life* magazine and new media editor and then editor-at-large at *Time* Inc., retiring in 2001 to write *Great Fortune: The Epic of Rockefeller Center* (2004). The book was a finalist for the 2004 Pulitzer Prize in history. Mr. Okrent, an avid sports fan, edited *The Ultimate Baseball Book* (1979, revised in 2000), wrote *Nine Innings* (1985), and co-authored *Baseball Anecdotes* (1989). In 1980, he invented Rotisserie League baseball, which initiated the fantasy sports craze. He also was a commentator for Ken Burns' PBS *Baseball* series. Mr. Okrent wrote *The Way We Were: New England Then, New England Now* (1989) and *Last Call: The Rise and Fall of Prohibition* (2011), which won the American Historical Association's Albert J. Beveridge Prize. He curated the 2012 exhibition "American Spirits: The Rise and Fall of Prohibition" for the National Constitution Center in Philadelphia and was senior creative consultant for Burns' PBS documentary *Prohibition*. In 2003, Mr. Okrent was named the *New York Times*' first public editor, a position created in response to the revelation a reporter had fabricated stories. Working unfettered by management or coworkers' opinions, Mr. Okrent evaluated the paper's accuracy and objectivity. His columns subsequently were published in *Public Editor Number One: The Collected Columns (with Reflections, Reconsiderations, and Even a Few Retractions) of the First Ombudsman of The New York Times* (2006). Mr. Okrent has performed in two feature films, *Sweet and Lowdown* and *The Hoax*. He also co-created and co-produced the off-Broadway show *Old Jews Telling Jokes*. A loyal alumnus, Mr. Okrent has critiqued *The Michigan Daily* at the editors' request and has been an invited speaker at Knight-Wallace Fellows programs and the Penny W. Stamps Speaker Series. He was honored as the Hearst Foundation Visiting Fellow in New Media at the Columbia University School of Journalism and the Edward R. Murrow Visiting Lecturer on Press, Politics, and Policy at Harvard University's John F. Kennedy School of Government. Mr. Okrent is a trustee of Cooper Union for the Advancement of Science and Art, a member of the Authors Guild board, and a board member and past chair of the Smithsonian Institution National Portrait Gallery. He was elected a Society of American Historians fellow in 2011.

Mr. Okrent, as one of our nation's most respected public intellectuals, you are recognized for your wit, integrity, informative and engaging books and films, and contributions to literature, history, journalism, and sports, particularly baseball. We enthusiastically recognize and celebrate the many and varied ways you have enriched our nation's cultural life. The University of Michigan is proud to welcome you back to campus to present to you the honorary degree, Doctor of Humane Letters.

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.

Goncalo Abecasis	Steven E. Clark	David Ginsburg
Fred C. Adams	Philippa J. Clarke	Thomas M. Glaser
Eytan Adar	Roy Clarke	Sharon C. Glotzer
Hyun-Soo Ahn	David K. Cohen	Rachel S. Goldman
Gautam Ahuja	Amy Ellen Cohn	Theodore G. Goodson
Mohammed Akaaboune	Joshua H. Cole	Nakhiah C. Goulbourne
J. Wayne Aldridge	Juan R. Cole	Peter F. Green
Tatjana Aleksic	Matthew David Collette	L. Jay Guo
Richard A. Altschuler	Catherine A. Collins	Michael L. Haithcock
Gordon L. Amidon	Joseph G. Conlon	Bump Halbritter
Gregory E. Amidon	Jeffrey L. Curtis	John W. Halloran
Justus Mukolu Anumonwo	Nisha J. D'Silva	Gary D. Hammer
Raj Arunachalam	Sandra K. Danziger	Kurt D. Hankenson
James A. Ashton-Miller	Christian Davenport	A. John Hart
Kelly M. Askew	Robert David Deegan	Margaret L. Hedstrom
Dionissios N. Assanis	Gregory James Dick	Erik Hellstrom
Ella Marie Atkins	Robert Dick	Alfred O. Hero III
Michael Atzmon	Ana V. Diez Roux	Joseph Alan Himle
Shorya Awtar	Victor Drita	Barbara C. Hodgdon
Michael Donald Bailey	Dana Dolinoy	Paul F. Hollenberg
Wayne E. Baker	James F. Driscoll	Scott J. Hollister
Rajesh Balkrishnan	Ruth E. Dunkle	June M. Howard
James M. Balter	Frieda Ekotto	Matthias Ihme
Mark M. Banaszak Holl	Sherif El-Tawil	Michael J. Imperiale
Bart Bartlett	Michael R. Elliot	Daniel J. Inman
Robert F. Beck	Anthony Daniel Elliott	Lori L. Isom
Robin Andrew Beck	Phoebe C. Ellsworth	Kali A. K. Israel
Jill B. Becker	Todd M. Endelman	Peter D. Jacobson
Joshua Damien Berke	Ryan M. Eustice	Farnam Jahanian
Pallab K. Bhattacharya	John A. Faulkner	Katharine Miller Jenckes
David Blaauw	Jeffrey A. Fessler	Judy Jin
Jerry O. Blackstone	Zoran S. Filipi	Vineet Rajendra Kamat
Anthony M. Bloch	Robert L. Fishman	Dale G. Karr
Claus Borgnakke	H. Scott Fogler	Edward Webb Keane, Jr.
Akram Boukai	Stephen R. Forrest	Robert T. Kennedy
Phillip Jess Bowman	Sara Forsdyke	John Kieffer
Ronald J. Buckanovich	Renny T. Franceschi	Jinsang Kim
Joseph L. Bull	Donald Freeman	Anna R. Kirkland
Robyn J. Burnham	Bruce W. Frier	George W. Kling II
Daniel M. Burns, Jr.	Ari Gafni	Daniel J. Klionsky
Albert C. Cain	Alec D. Gallimore	Sara Hope Konrath
Charles A. Cain	Diana R. Gannett	Raoul Kopelman
Tal Eliezer Carmon	Sylvie Garneau-Tsodikova	Sridhar Kota
Kate S. Carroll	Vikram Gavini	Nicholas Kotov
Gregory Dean Cartee	Elaine K. Gazda	Joseph S. Krajcik
Christi-Anne Castro	David W. Gerdes	Ethan F. Kross
Carlos E. Cesnik	Anne Ruggles Gere	Karl M. Krushelnick
Tabbye Chavous	Jason E. Gestwicki	Pei-Cheng Ku
Barry N. Checkoway	Brian E. Gilchrist	Anuj Kumar
Arul M. Chinnaiyan	Ronald M. Gilgenbach	Arthur D. Kuo

DISSERTATION CHAIRS

Nojin Kwak
Richard M. Laine
David A. Lam
Edward W. Larsen
Scott D. Larsen
Janet Louise Larson
Ronald G. Larson
Christian M. Lastoskie
Yue Ying Lau
Aaron Edward Leanhardt
Honglak Lee
John C. Lee
Andrei A. Levchenko
Victor C. Li
Mi Hee Lim
Ann Chih Lin
Jiandie Lin
Mingyan Liu
Benjamin Wesley Longmier
Nestor Luis Lopez-Duran
Catherine Lord
Brian J. Love
Carol J. Loveland-Cherry
Wei Lu
Nicholas W. Lukacs
Jerome P. Lynch
Olga Yevgenyevna Maiorova
Kevin John Maki
Arvind-Pal Singh Mandair
Bruce Mannheim
Anna K. Mapp
Joyce Marcus
Igor L. Markov
E. Neil G. Marsh
Karin A. Martin
William R. Martin
Joaquim R. R. A. Martins
Darren S. McKague
Barbra A. Meek
John D. Meeker
Roberto D. Merlin
Edgar Meyhofer
Daniel E. Michele
Shelie Miller
Mahta Moghaddam
John Montgomery
Amir Mortazawi
Steven G. Mullaney
Susan Murray
Mary-Ann Mycek
Rajesh Rao Nadakuditi
Knut J. Nadelhoffer
Donna Kiyo Nagata
Vijayan N. Nair
Khalil Najafi
Alexey Nesvizhskii
Richard Robert Neubig
W. Russell Neuman
Zaneta Nikolovska-Coleska
Douglas C. Noll
Laurel L. Northouse
Douglas Taylor Northrop
Jerome Nriagu
Ronald A. Nussbaum
Carmel O'Shannessy
John M. O'Shea
Sue O'Shea
Daphna R. Oyserman
Annemarie Sullivan Palincsar
Mark Lawson Palmer
Leopoldo A. Pando Zayas
Panos Y. Papalambros
Marina Pasca Di Magliano
Henry L. Paulson
Marc Perlin
Jamie Dean Phillips
Aaron Thomas Pierce
Shachar M. Pinsker
Thad A. Polk
Hart E. Posen
David S. Potter
S. Sandeep Pradhan
Georg A. Raithel
Ayyalusamy Ramamoorthy
Christopher John Ratte
Pramod Sangi Reddy
Nilton O. Renno
Lesley Ann Rex
Scott Ian Rick
Elizabeth F. S. Roberts
Eugene Cardell Rogers, Jr.
Margaret C. Root
Stephanie J. Rowley
Yongbin Ruan
Christopher S. Ruf
Brandon Thomas Ruotolo
Alan R. Saltiel
Melanie Sanford
Kamal Sarabandi
Ann Marie Sastry
Phillip E. Savage
Silvio Savarese
Mary J. Schleppegrell
Patrick D. Schloss
Amy Jo Schulz
Norbert W. Schwarz
Robert M. Sellers
Charles R. Shipan
Stephen B. Shippis
Hollis D. Showalter
Max Shtein
Volker Sick
Donald Jason Siegel
James P. Simmer
Lyle A. Simmons
David Jacob Singer
Elisabeth Smela
Jeffrey Andrew Smith
Pamela J. Smock
Rachel Campbell Snow
Michael J. Solomon
Michael Spencer
David E. Speyer
Edward P. St. John
Duncan G. Steel
Anna G. Stefanopoulou
Abigail J. Stewart
Jing Sun
Ronald G. Suny
Michael Mark Alexander Sutton
Shuichi Takayama
Jeremy M. Taylor
Fred L. Terry, Jr.
John Tesmer
Alexander George Roy Thomas
Katsuyo S. Thornton
Billy Tsai
Fawwaz T. Ulaby
A. Galip Ulsoy
Sarah Veatch
Angela Violi
Anthony M. Waas
Nils G. Walter
Kon-Well Wang
Naisyin Wang
Thomas D. Wang
Gary S. Was
Thomas F. Wenisch
David D. Wentzloff
Earl E. Werner
Margaret V. Westfall
John A. Whittier-Ferguson
Trisha Wittkopp
Margaret S. Wooldridge
Henry T. Wright
Haoxing Xu
Patricia Smith Yaeger
Dean Yang
Bing Ye
Magdalena J. Zaborowska
Steven Francis Zalek
Mariah A. Zeisberg
Andrea Patricia Zemgulys
Zhaohui Zhong
Ji Zhu
Claire A. Zimmerman

MARSHALS OF THE UNIVERSITY

Mika LaVaque-Manty

*Arthur F. Thurnau Professor
Associate Professor, Political Science
College of Literature, Science, and the Arts
Chief Marshal*

Robert M. Ortega

*Associate Professor, Social Work
School of Social Work
Assistant Chief Marshal*

Leigh A. Woods

*Professor, 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

Stefan Klinkert

Horace H. Rackham School of Graduate Studies Flag

Elin Edwald

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, Janet A. Weiss, Dean and Vice Provost for Academic Affairs–Graduate Studies

Candidates for degrees to be granted May 2, 2014

Doctor of Musical Arts

Jonathan Patrick Caldwell, Field of Specialization: Conducting (Band).
Mihaela Culjak, Field of Specialization: Music Performance.
Justyna Elzbieta Grudzinska, Field of Specialization: Music Performance.
Glen Thomas Rideout, Field of Specialization: Conducting (Choral).

Doctor of Philosophy

Fardokht Assadi Abulwerdi, Field of Specialization: Medicinal Chemistry. Dissertation: Structure-Based Design, Synthesis and Evaluation of Novel and Selective Small-Molecule Inhibitors of the Anti-Apoptotic Protein Mcl-1.

Elizabeth Janine Adams, Field of Specialization: Cellular and Molecular Biology. Dissertation: Defining the Roles of Mammalian COPII Components SEC24C and SEC24D.

Marilyne Antonette Adiova, Field of Specialization: Music: Musicology. Dissertation: Music, Dance, and Negotiations of Identity in the Religious Festivals of Bicol, Philippines.

Evelyn Wynn Adkins, Field of Specialization: Classical Studies. Dissertation: *Rudis Locuter*: Speech and Self-Fashioning in Apuleius' *Metamorphoses*.

Dharma Raell Akmon, Field of Specialization: Information. Dissertation: The Role of Conceptions of Value in Data Practices: A Multi-Case Study of Three Small Teams of Ecological Scientists.

Majid Mohammed Al-Gwaiz, Field of Specialization: Industrial and Operations Engineering. Dissertation: Competition and Optimization in Electricity Systems.

Adriana Aldana, Field of Specialization: Social Work and Psychology. Dissertation: Youth Civic Engagement: Sociopolitical Development in Schools with Lessons from and for Multicultural Education.

Emily Ann Alden, Field of Specialization: Physics. Dissertation: A Two-Photon E1-M1 Optical Clock.

Jose Francisco Alfaro, Field of Specialization: Natural Resources and Environment. Dissertation: Exploring the Emergence of Renewable Energy Grids in Developing Countries with Agent Based Models.

Michael John Allison, Field of Specialization: Electrical Engineering–Systems. Dissertation: Accelerated Computation of Regularized Estimates in Magnetic Resonance Imaging.

Waleed Abdulaziz Alomar, Field of Specialization: Electrical Engineering. Dissertation: Compact Power Amplifiers Using Circuit Level and Spatial Power Combining Techniques.

Erika Renée Alpert, Field of Specialization: Anthropology. Dissertation: Language, Gender, and Ideology in Japanese Professional Matchmaking.

Thunyarat Amornpetchkul, Field of Specialization: Business Administration. Dissertation: Essays on Supply Chain Contracting and Retail Pricing.

Karthik Anantharaman, Field of Specialization: Earth and Environmental Sciences. Dissertation: Geomicrobiology of Hydrothermal Plumes: Elucidating the Role of Microorganisms in Deep Ocean Carbon and Sulfur Biogeochemical Cycles.

Sarah Elizabeth Anderson, Field of Specialization: Physics. Dissertation: Trapping Rydberg Atoms in Ponderomotive Optical Lattices.

Rebecca Elizabeth Anthouard, Field of Specialization: Microbiology and Immunology. Dissertation: Identification and Characterization of Toxtazins A and B, Two Small Molecule Inhibitors of Virulence Gene Activation in *Vibrio cholerae*.

Yanina V. Arnold, Field of Specialization: Slavic Language and Literature. Dissertation: Writing Justice: Fiction and Literary Lawyers in Late Imperial Russia, 1864–1900.

Graham Michael Atkin, Field of Specialization: Neuroscience. Dissertation: The Role of F-box Only Protein 2 (Fbxo2) in Amyloid Precursor Protein Processing and Synaptic Dynamics.

Soo Young Bae, Field of Specialization: Communication. Dissertation: From Encounters to Engagement—Examining Political Engagement in an Age of Social Media.

Vanessa Hus Bal, Field of Specialization: Psychology. Dissertation: Toward a Better Understanding and Improved Validity of Autism Symptom Measures Across the Lifespan.

Oscar Alejandro Balbin, Field of Specialization: Bioinformatics. Dissertation: Identifying Novel Targetable Genes and Pathways in Cancer by Integrating Diverse Omics Data.

Jean Emily Balestrery, Field of Specialization: Social Work and Anthropology. Dissertation: A Multi-Sited Ethnographic Study in Alaska: Examining the Culture-Communication Nexus Salient to Alaska Native Elders and Conventional Health and Social Services.

Doctor of Philosophy

- Animesh Banerjee**, Field of Specialization: Electrical Engineering. Dissertation: III-Nitride Self-Assembled Quantum Dot Light Emitting Diodes and Lasers.
- Sid Ying-ze Bao**, Field of Specialization: Electrical Engineering–Systems. Dissertation: Geometric and Semantic Scene Understanding.
- Casey Ryan Barrier**, Field of Specialization: Anthropology. Dissertation: The Mississippian Transition at the Washausen Site: Demography and Community at a Tenth-Eleventh Century A.D. Mound Town in the American Bottom, Illinois.
- Erica Lynn Beck**, Field of Specialization: Linguistics. Dissertation: The Role of Socio-indexical Information in Regional Accent Perception by Five to Seven Year Old Children.
- Mostafa Bedewy**, Field of Specialization: Mechanical Engineering. Dissertation: Collective Mechanochemical Growth of Carbon Nanotubes.
- Amanda Benedict-Chambers**, Field of Specialization: Educational Studies. Dissertation: Developing Professional Vision for Practice: Preservice Teachers using Students' Scientific Ideas in Simulations of Practice.
- Shauna Marie Bennett**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Intracellular Trafficking of BK Polyomavirus: From the ER to the Nucleus.
- Vlad Beronja**, Field of Specialization: Slavic Language and Literature. Dissertation: History and Remembrance in Three Post-Yugoslav Authors: Dubravka Ugrešić, Daša Drndić, and Aleksandar Zograf.
- Benjamin Robert Betzler**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Calculating Alpha Eigenvalues and Eigenfunctions with a Markov Transition Rate Matrix Monte Carlo Method.
- David Lee Bilby**, Field of Specialization: Materials Science and Engineering. Dissertation: Investigation of the Influence of Molecular Structure at Interfaces in Polymer Photovoltaic Devices.
- David Robinson Bild**, Field of Specialization: Computer Science and Engineering. Dissertation: Non-Hierarchical Networks for Censorship-Resistant Personal Communication.
- Joshua Louis Bishop-Moser**, Field of Specialization: Mechanical Engineering. Dissertation: Design of Generalized Fiber-reinforced Elasto-fluidic Systems.
- Shaurjo Biswas**, Field of Specialization: Materials Science and Engineering. Dissertation: Guard Flow-enhanced Organic Vapor Jet Printing of Molecular Materials in Air.
- Kate VandenBroek Bradley**, Field of Specialization: Health Services Organization and Policy and Political Science. Dissertation: Who Lobbies the Lobbyists? Bureaucratic Influence on State Medicaid Legislation.
- Ryan Breneman**, Field of Specialization: Materials Science and Engineering. Dissertation: Phase Changes in Silica and Their Impact on Mechanical Properties in 3D Printed Investment Casting Molds.
- Susan Lynnette Brower**, Field of Specialization: Sociology. Dissertation: Daily Activities and Couples' Relationship Quality.
- Mariko Sofie Bürgin**, Field of Specialization: Electrical Engineering. Dissertation: Physics-based Modeling for High-fidelity Radar Retrievals.
- Daniela Vanesa Burgos-Ojeda**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Development of Novel Models to Study Ovarian Cancer Stem Cells.
- Anne A. Campbell**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: The Mechanism of Proton Irradiation-Induced Creep in Ultra-Fine Grain Graphite.
- Justin Charles Canniff**, Field of Specialization: Materials Science and Engineering. Dissertation: Formation and Properties of Ion-Induced Nanoparticles in SiN_x.
- Joshua Matthew Carp**, Field of Specialization: Psychology. Dissertation: Causes and Consequences of Dedifferentiation in the Aging Brain.
- Alaina Catherine Case**, Field of Specialization: Neuroscience. Dissertation: Neural Coding within Striatal Subregions: A Shared Framework with Specializations.
- John Sze-Chi Chen**, Field of Specialization: Business Administration. Dissertation: Three Essays on Interconnectedness Between Forms of Organizational Learning.
- Sangjo Choi**, Field of Specialization: Electrical Engineering. Dissertation: Efficient Antennas for Terahertz and Optical Frequencies.
- Christopher Michael Chou**, Field of Specialization: Human Genetics. Dissertation: Mutations Involving *RBP4* and *SOX3* Underlie Two Novel Forms of Congenital Eye Malformations.
- You-Sun Crystal Chung**, Field of Specialization: History and Women's Studies. Dissertation: Across the Colonial Divide: Friendship in the British Empire, 1875–1940.

Doctor of Philosophy

- Emily Catherine Clader**, Field of Specialization: Mathematics. Dissertation: The Landau-Ginzburg/Calabi-Yau Correspondence for Certain Complete Intersections.
- Jennifer Marie Closson Torres**, Field of Specialization: Sociology. Dissertation: Negotiating Care: The Role of Lactation Consultants and Doulas in the Medical Maternity System.
- Henry Preater Colburn**, Field of Specialization: Classical Art and Archaeology. Dissertation: The Archaeology of Achaemenid Rule in Egypt.
- Meredith Anne Collins**, Field of Specialization: Cellular and Molecular Biology. Dissertation: The Role of Oncogenic Kras in Pancreatic Cancer Progression and Maintenance.
- Angela Rose Commito**, Field of Specialization: Classical Art and Archaeology. Dissertation: Southern Asia Minor and Northwest Syria at the End of Antiquity: A View from the Countryside.
- Anne Marie Compton**, Field of Specialization: Anthropology. Dissertation: Shifting Trade Networks: Sub-Saharan to Atlantic Exchange in Central Ghana 1355–1725 CE.
- Jasmine Marie Crumsey**, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: Exotic Earthworm Communities as Drivers of Soil Carbon Dynamics in Northern Temperate Forests.
- Paul Girard Cummings**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Simulations of Laser Propagation and X-Ray Radiation Generation in Laser Wakefield Accelerators.
- Royan John D’Mello**, Field of Specialization: Aerospace Engineering. Dissertation: Compression Response and Energy Absorption of Filled Circular Cell Honeycombs.
- Qiang Dai**, Field of Specialization: Environmental Engineering. Dissertation: Life Cycle Assessment of Natural Gas Utilization in Light-duty Passenger Vehicles.
- Eugene Dariush Daneshvar**, Field of Specialization: Biomedical Engineering. Dissertation: Conjugated Polymer Actuators for Articulating Neural Probes and Electrode Interfaces.
- Debasis Das**, Field of Specialization: Chemistry. Dissertation: Mechanistic Studies on Aldehyde Decarboxylase from Cyanobacteria: A New Enzyme for Alkane Biosynthesis.
- Jacob Daniel Davidson**, Field of Specialization: Aerospace Engineering. Dissertation: Multiscale modeling and simulation of crosslinked polymers.
- Mandy Ann Davis**, Field of Specialization: Comparative Literature. Dissertation: “A Puzzle Viewed From Within”: Problems with and Alternatives to Humanitarianism and Savior Narratives for Ethiopia and Rwanda.
- Beatriz de Castro Sebastião Pereira**, Field of Specialization: Business Administration. Dissertation: The Ironic Interplay of Choice and Sadness.
- Marcelo Pires de Oliveira**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Regulation of Nicotinic Acetylcholine Receptor Stability at the Mouse Neuromuscular Junction.
- Carolyn Jennifer Dekker**, Field of Specialization: English Language and Literature. Dissertation: Placing the Bomb: the Pastoral and the Sublime in the Nuclear Age.
- Todd Jeffrey Eckroat**, Field of Specialization: Medicinal Chemistry. Dissertation: Synthesis and Biochemical Evaluation of Multifunctional Acetylcholinesterase Inhibitor Hybrids for Treatment of Alzheimer’s Disease.
- Elín Edwald**, Field of Specialization: Chemical Biology. Dissertation: Single Particle Tracking of Plasma Membrane Proteins.
- Mahmoud El Azzouny**, Field of Specialization: Chemistry. Dissertation: Development and Application of Metabolomics Techniques to Improve Understanding of Glucose and Fatty Acid Metabolism in β -cells and their Role in Insulin Secretion.
- Nicholas Quinn Emlen**, Field of Specialization: Anthropology. Dissertation: Language and Coffee in a Trilingual Matsigenka-Quechua-Spanish Frontier Community on the Andean-Amazonian Borderland of Southern Peru.
- Steven John Engel**, Field of Specialization: English and Education. Dissertation: In Your Own Words: Ideological Dilemmas in English Teachers’ Talk about Plagiarism.
- Mohammad Fatouraie**, Field of Specialization: Mechanical Engineering. Dissertation: The Effects of Ethanol/Gasoline Blends on Advanced Combustion Strategies in Internal Combustion Engines.
- Sara Miriam Feldman**, Field of Specialization: Near Eastern Studies. Dissertation: Fine Lines: Hebrew and Yiddish Translations of Alexander Pushkin’s Verse Novel *Eugene Onegin*, 1899–1937.
- Kelly Kay Ferguson**, Field of Specialization: Environmental Health Sciences. Dissertation: Environmental Phthalate Exposure, Oxidative Stress, and Preterm Birth.

Doctor of Philosophy

- Laura Levette Fernandes**, Field of Specialization: Biostatistics. Dissertation: Adaptive Phase I and II Clinical Trial Designs in Oncology with Repeated Measures using Markov Models for the Conditional Probability of Toxicity.
- Katherine E. Fisher**, Field of Specialization: English Language and Literature. Dissertation: Writing (in) the Spaces of the Blitz: Spatial Myths and Memory in Wartime British Literature.
- Roland Edward Florenz**, Field of Specialization: Aerospace Engineering. Dissertation: The X3 100-kW Class Nested-Channel Hall Thruster: Motivation, Implementation, and Initial Performance.
- Justin Michael Foley**, Field of Specialization: Applied Physics. Dissertation: Subwavelength Dielectric Grating-based Broadband Reflectors and Narrowband Transmission Filters.
- Nicolas James Marks Ford**, Field of Specialization: Mathematics. Dissertation: Geometric Shifts and Positroid Varieties.
- Matthew Alan Franzi**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Relativistic Recirculating Planar Magnetrans.
- Bradley Raymond Frieberg**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Melt and Glassy Dynamics in Complex Polymer Systems: Miscible Blends and Star-Shaped Polymer Films.
- Douglas Andrew Fynan**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Uncertainty Quantification for Reactor Safety Analysis.
- Balachandran Gadaguntla Radhakrishnan**, Field of Specialization: Mechanical Engineering. Dissertation: Study of Defects in Aluminium using Large Scale Electronic Structure Calculations.
- Héctor Jose García-Ramírez**, Field of Specialization: Computer Science and Engineering. Dissertation: Hybrid Techniques for Simulating Quantum Circuits using the Heisenberg Representation.
- Wencheng Ge**, Field of Specialization: Chemistry. Dissertation: NMR-Based Metabolic Profiling: Methods and Application in Cancer Biomarker Discovery.
- Bharan Giridhar**, Field of Specialization: Electrical Engineering. Dissertation: Circuit Techniques for Adaptive and Reliable High Performance Computing.
- Krista Anne Goff**, Field of Specialization: History. Dissertation: What Makes a People? Soviet Nationality Politics and Minority Experience After World War Two.
- Mariam Bernadette Gonzalez-Hernandez**, Field of Specialization: Immunology. Dissertation: Efficient Murine Norovirus Transport Across the Intestinal Epithelium Requires Microfold (M) Cells.
- Xiao Guo**, Field of Specialization: Materials Science and Engineering. Dissertation: Thermoelectric Properties of Nanostructured Silicon Films.
- Luke Monroe Hagen**, Field of Specialization: Mechanical Engineering. Dissertation: Experimental Effects of Low Octane Primary Reference Fuels on Burn Rates and Phasing Limits in a Homogeneous Charge Compression Ignition Engine with Negative Valve Overlap.
- Nasim Haji Akbari Balou**, Field of Specialization: Chemical Engineering. Dissertation: Destabilization and Aggregation Kinetics of Asphaltenes.
- Douglas Gerard Halleaux**, Field of Specialization: Atmospheric, Oceanic and Space Sciences. Dissertation: The Lifting of Mineral Aerosols in an Arid Environment.
- Sang Woo Han**, Field of Specialization: Mechanical Engineering. Dissertation: Transport and Kinetic Phenomena Linked to Power Performance of Lithium-Ion Batteries.
- Deirdre Laura Christianson Hennebury**, Field of Specialization: Architecture. Dissertation: An Investigation of the Architectural, Urban, and Exhibit Designs of the Tate Museums.
- Fredrick Earl Henry**, Field of Specialization: Neuroscience. Dissertation: Novel Roles for mTORC1-Dependent Translational Control During Synaptic Homeostasis.
- Jana Ariel Hirsch**, Field of Specialization: Epidemiological Science. Dissertation: Change in the Built Environment and its Association with Change in Walking and Obesity in Middle Age and Older Adults.
- Jared Dale Hobeck**, Field of Specialization: Aerospace Engineering. Dissertation: Energy Harvesting with Piezoelectric Grass for Autonomous Self-Sustaining Sensor Networks.
- Chad Michael Huelsman**, Field of Specialization: Chemical Engineering. Dissertation: Phenol Gasification in Supercritical Water: Chemistry, Byproducts, and Toxic Impacts.

Doctor of Philosophy

- Chelsea A. Huff**, Field of Specialization: Chemistry. Dissertation: Cascade Hydrogenation of Carbon Dioxide to Methanol.
- Jessica Ruth Hullman**, Field of Specialization: Information. Dissertation: Understanding and Supporting Trade-offs in the Design of Visualizations for Communication.
- Eunjoo Hwang**, Field of Specialization: Kinesiology and Biomedical Engineering. Dissertation: A Finite Element Model of the Superior Glenoid Labrum.
- Ethan Gordon Hyland**, Field of Specialization: Geology. Dissertation: Multiproxy Terrestrial Records of Climatic and Ecological Change During the Early Eocene Climatic Optimum.
- Ihab Adel Ismail**, Field of Specialization: Civil Engineering. Dissertation: Financial Cash Flow Determinants of Company Failure in the Construction Industry.
- Christy A. Itoga**, Field of Specialization: Neuroscience. Dissertation: Neural Representation of Hedonic Tastes in the Ventral Pallidum.
- Mrinal Iyer**, Field of Specialization: Mechanical Engineering and Scientific Computing. Dissertation: Quasi-continuum Reduction of Field Theories and Energetics of Defects in Aluminum.
- Shyam Dilip Jade**, Field of Specialization: Mechanical Engineering. Dissertation: Transient Load-Speed Control in Multi-Cylinder Recompression HCCI Engines.
- Alexander Dunning Jakle**, Field of Specialization: Political Science. Dissertation: Stealing Signs: How Broken Rules Structure Identity.
- Seung Mo Jang**, Field of Specialization: Communication. Dissertation: A Click Away: News Choice On the Internet.
- Isaac Andrew Janson**, Field of Specialization: Materials Science and Engineering. Dissertation: Investigating the Roles of Matrix Nanotopography and Elasticity in the Osteogenic Differentiation of Mesenchymal Stem Cells.
- Bei Jiang**, Field of Specialization: Biostatistics. Dissertation: Bayesian Joint Modeling of Longitudinal Trajectories and Health Outcome: A Broad Evaluation of Mean and Variation Features in Risk Profiles and Model Assessments.
- Curtis Jin**, Field of Specialization: Electrical Engineering–Systems. Dissertation: New Methods and Theory for Increasing Transmission of Light through Highly-Scattering Random Media.
- Robin Dorothy Johnson**, Field of Specialization: Biophysics. Dissertation: Single-Molecule Microscopy Studies of Amyloid- β Oligomer Binding on Live Cells.
- Jong Doo Ju**, Field of Specialization: Materials Science and Engineering. Dissertation: Shear Transformation Zones in Metallic Glasses.
- Jae Hwan Jung**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Synthesis and Characterization of Conjugated Silsesquioxanes (SQs) and their Beads on a chain (BoC) Polymers.
- Michael Bruce Kane**, Field of Specialization: Civil Engineering. Dissertation: Wirelessly Enabled Control of Cyber-Physical Infrastructure with Applications to Hydronic Systems.
- Myungkoo Kang**, Field of Specialization: Materials Science and Engineering. Dissertation: Formation and Properties of Metallic Nanoparticles on Compound Semiconductor Surfaces.
- John McLean Kearney**, Field of Specialization: Physics. Dissertation: Hunting for New Physics in New Places.
- Jason Howard Kehrl**, Field of Specialization: Pharmacology. Dissertation: Inhibitory G-protein Modulation of CNS Excitability.
- Jacob Andrew Ketchum**, Field of Specialization: Physics. Dissertation: Dynamics of Convergent Migration and Mean Motion Resonances in Planetary Systems.
- Nirinjan Kaur Khalsa**, Field of Specialization: Asian Languages and Cultures. Dissertation: The Renaissance of Sikh Devotional Music Memory, Identity, Orthopraxy.
- Osama Ullah Khan**, Field of Specialization: Electrical Engineering. Dissertation: Signal-Processing-Driven Integrated Circuits for Energy Constrained Microsystems.
- Eugene Ruihua Kheng**, Field of Specialization: Mechanical Engineering. Dissertation: Fracture Mechanisms of Layer-By-Layer Polyurethane/Poly(Acrylic Acid) Nanocomposite.
- Byung Soo Kim**, Field of Specialization: Electrical Engineering–Systems. Dissertation: Unified Models for Recovering Semantics and Geometry from Scenes.
- Youngki Kim**, Field of Specialization: Mechanical Engineering. Dissertation: Power Capability Estimation Accounting for Thermal and Electrical Constraints of Lithium-Ion Batteries.

Doctor of Philosophy

- Stefan Klinkert**, Field of Specialization: Mechanical Engineering. Dissertation: An Experimental Investigation of the Maximum Load Limit of Boosted HCCI Combustion in a Gasoline Engine with Negative Valve Overlap.
- Joshua Todd Knight**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: A Prospect Theory-Based Real Option Analogy for Evaluating Flexible Systems and Architectures in Naval Ship Design.
- Akiko Kochi**, Field of Specialization: Chemistry. Dissertation: Development of Small Molecules to Target and Modulate Multiple Factors in the Neuropathogenesis of Alzheimer's Disease.
- Bradley Hyrum Kramer**, Field of Specialization: Anthropology. Dissertation: Keeping the Sacred: Structured Silence in the Enactment of Priesthood Authority, Gendered Worship, and Sacramental Kinship in Mormonism.
- Kenneth Thomas Krill**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Effects of Dicer Inactivation in the Developing Mouse Adrenal Cortex and Micro-RNAs in Adrenocortical Carcinoma.
- Rachael Ann Kroodsmma**, Field of Specialization: Atmospheric, Oceanic and Space Sciences. Dissertation: Microwave Radiometer Inter-Calibration: Algorithm Development and Application.
- Matthew Vinciguerr Kroot**, Field of Specialization: Anthropology. Dissertation: Feeding Villages: Foraging and Farming across Neolithic Landscapes.
- Kate Ryan Kuhlman**, Field of Specialization: Psychology. Dissertation: Characterizing the Role of Different Childhood Trauma Subtypes in the Neuroendocrine Functioning of Youth: Implications for Adolescent Depression.
- Hsun-Chih Kuo**, Field of Specialization: Electrical Engineering. Dissertation: Vertically Aligned (In)GaN Nanowires Grown by MOCVD.
- Jamila L. Kwarteng**, Field of Specialization: Health Behavior and Health Education. Dissertation: Contributions of the Social Environment to Central Adiposity: Results from Etiologic and Intervention Studies.
- David Lai**, Field of Specialization: Biomedical Engineering. Dissertation: Microfluidic Reduction of Osmotic Stress in Oocyte and Zygote Vitrification.
- Jason Y. W. Lai**, Field of Specialization: Mechanical Engineering. Dissertation: Stochastic Simulation of Carbonaceous Nanoparticle Precursor Formation in Combustion.
- Sarah Elizabeth Lang**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Functional Modulation and Adaptive Responses to PKC Targets on Cardiac Troponin I.
- Jacob William Larimore**, Field of Specialization: Mechanical Engineering. Dissertation: Experimental Analysis and Control of Recompression Homogeneous Charge Compression Ignition Combustion at the High Cyclic Variability Limit.
- Chang-Ping Lee**, Field of Specialization: Mechanical Engineering. Dissertation: Turbine-Compound Free-Piston Linear Alternator Engine.
- Chunghee Lee**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: A WUSCHEL-Independent Stem Cell Specification Pathway is Repressed by PHB, PHV and CNA in Arabidopsis.
- Victor Chia Lee**, Field of Specialization: Electrical Engineering. Dissertation: Switchable and Tunable Ferroelectric Devices for Adaptive and Reconfigurable RF Circuits.
- Woochul Lee**, Field of Specialization: Mechanical Engineering. Dissertation: Experimental Investigation of Charge Transport and Heat Dissipation in Atomic-Scale Junctions.
- Yunju Lee**, Field of Specialization: Mechanical Engineering. Dissertation: On the Load-Displacement Behavior of the Tensed Adult Upper Extremity under Impulsive End-Loads: Theoretical and Experimental Studies of Age and Gender Effects
- Michael Stevens Leese**, Field of Specialization: Greek and Roman History. Dissertation: Economic Decision Making and Money-Making Strategies in Ancient Greece.
- Justin Stephen Lenhart**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Mechanistic Dissection of DNA Repair Pathways in *Bacillus subtilis*.
- Debra Siegel Levine**, Field of Specialization: Psychology. Dissertation: Discrimination and Identity: An Investigation of How Cultural Correlates Relate to the Expression, Evaluation, and Treatment of Social Anxiety Disorder.
- David Shicheng Li**, Field of Specialization: Biomedical Engineering. Dissertation: Bubble Dynamics and Acoustic Droplet Vaporization in Gas Embolotherapy.
- Suyi Li**, Field of Specialization: Mechanical Engineering. Dissertation: Learning from Plants—A Biologically Inspired Multi-Cellular Approach towards Multi-Functional Adaptive Structure based on Fluidic Flexible Matrix Composite.

Doctor of Philosophy

- David Chia-Wei Liaw**, Field of Specialization: Electrical Engineering. Dissertation: Alternative Neutralization Techniques for In-Space Charged Particle Thrusters and Electrodynamic Tethers.
- Kuang-Wei Lin**, Field of Specialization: Biomedical Engineering. Dissertation: Precise Lesion Formation in Histotripsy Therapy Using Strategic Pulsing Methods.
- Chang-Hua Liu**, Field of Specialization: Electrical Engineering. Dissertation: Characterization of Nanoscale Junctions in Carbon Nanotubes and Graphene for Novel Device Applications.
- Elson Yee-Hsin Liu**, Field of Specialization: Electrical Engineering. Dissertation: Immersion Scatterometry for Nanoscale Grating Topography Extraction.
- Mary Ye Zi Liu**, Field of Specialization: Psychology. Dissertation: Psychological Self-Other Overlap: Implications for Prosocial Behavior in Close Relationships.
- William Robert Lloyd III**, Field of Specialization: Biomedical Engineering. Dissertation: Quantitative Optical Sensing for Non-Invasive Clinical Characterization of Biological Tissues.
- Chun Lo**, Field of Specialization: Electrical Engineering–Systems. Dissertation: Efficient Sensor Fault Diagnosis in Wireless Sensor Networks.
- Nita Luci**, Field of Specialization: Anthropology. Dissertation: Seeking Independence: Making Nation, Memory, and Manhood in Kosova.
- Diego Ivan Lucumi Cuesta**, Field of Specialization: Health Behavior and Health Education. Dissertation: Disparities in Hypertension in Colombia: A Mixed-Method Study.
- Lin Ma**, Field of Specialization: Economics. Dissertation: Three Essays in International Trade and Macroeconomics.
- Annah Elizabeth MacKenzie**, Field of Specialization: American Culture. Dissertation: The Architecture of Longing: Objects, Affect, and the Poetics of Home in Twentieth-Century American Literature and Culture.
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Gregory Teichert
Mechanical Engineering
Alan Teran
Electrical Engineering
Diana Thatcher
Atmospheric, Oceanic and
Space Sciences
Dakotah Thompson
Mechanical Engineering
Manoj Thota
Mechanical Engineering
Peng Tian
Electrical Engineering
Gregory Tierney
Atmospheric, Oceanic and
Space Sciences
Hung-An Ting
Molecular and Cellular
Pathology
Colin Tinsman
Applied Physics

Lindsay Townes
Epidemiological Science
Caitlin Townsend
History
Cameron Tracy
Materials Science and
Engineering
Michelangelo Trujillo
Social Work and Sociology
Lai Yu Leo Tse
Mechanical Engineering
Nathaniel Tuohy
Anthropology
Marin Turk
Slavic Language and
Literature
Claudio Vilas Boas Favero
Chemical Engineering
Kathryn Volk
Geology
Carol Vos
Nursing
Timothy Wabel
Aerospace Engineering
Olivia Walch
Applied and Interdisciplinary
Mathematics
Pengchuan Wang
Mechanical Engineering
Xiaoyu Wang
Electrical Engineering
Zhijie Wang
Civil Engineering
Collin Ward
Earth and Environmental
Sciences

Derick White
Chemistry
Charisse Willis
English and Women's Studies
John Wiltshire-Gordon
Mathematics
Ryan Wolcott
Computer Science and
Engineering
Matthew Wolf
Chemistry
Danny Wu
Information
Boqin Xie
Nursing
Mengxing Ye
Physics
Chia Chye Yee
Statistics
Eongyu Yi
Materials Science and
Engineering
Adam Yokom
Chemical Biology
Hyojin Yoon
Nursing
Rachel Young
Applied Physics
Jennifer Zdroik
Kinesiology
Linjun Zhang
Mechanical Engineering
Xiao Zhang
Physics
Nan Zheng
Electrical Engineering

Certificate of Graduate Studies

African Studies
Erin Kristen O'Brien
Cara Elizabeth Steger

Cellular Biotechnology
Rebecca Elizabeth Anthouard

Complex Systems
Jonathan Peter Atwell

*Computational Discovery and
Engineering*
Meng Jin

Engineering Education Research
Courtney Ann Peckens

*European and European Union
Studies*
Jordi Prat Tuca

Industrial Ecology
Wan-Ning Chen
Jennifer Lynn Foster

Judaic Studies
Rebecca Austin Wall

*Lesbian/Gay/Bisexual/
Transgender Queer Studies*
John Gutoskey

Museum Studies
Caroline Sarah Braden
Keeley Irene Briggs
Rebecca Lynn Cassidy
Christine Mooney Efta
Katherine Anne Larson

Plasma Science and Engineering
Paul Girard Cummings

David Chia-Wei Liaw
Michael David Logue
William Alexander Schumaker
Michael James Sekerak
Bradley Scott Sommers
Sang-Heon Song
Jun-Chieh Wang
Yiting Zhang

Real Estate Development
James Douglas Carpenter II
Cassandra Marie DeWitt
Jacob Erik Gottfried
Katherine Joanne Knapp
Alexander Roy LaLonde
Wenqi Li
Yang Lin
Pojing Liu
Kevin Justin Shelton
Elizabeth Jayne Treutel

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Certificate of Graduate Studies

Russian, East European and Eurasian Studies
Krista Anne Goff

Science, Technology and Public Policy
Jenna Marie Campbell
Alejandro Colsa Perez
Jasmine Marie Crumsey

Megan Elaine Levanduski
Kathryn Reeves

Science, Technology, and Society
Morgan Gabrielle Daniels

South Asian Studies
Jane Elizabeth Lynch

Spatial Analysis
Jillian Rianne Estrada
Michael Kaminski

Women's Studies
Victoria Adams
Sue Anne Bell

Master of Science

Applied and Interdisciplinary Mathematics
Alexis Brianca Cook
Yu Gu
Long Louis Ly
David Benjamin McMillon
Adrian Valles Ochoa
Bobbie Wu

Chemical Biology
Ellyn Joyce Gray

Yu-Hsuan Kuo
Shwetha Suresh Maddur
William Lewis Packer
Rebecca Lauren Theisen
Yunlong Zhang

Survey Methodology
Lirui He
Qiaoxian Hu
Dan Li
Carlos Andres Macuada Lopez

Edmundo Roberto Melipillan
Andrea Helen Schwanz
Joy Wilke
Michael Thomas Zeddies
Mengmeng Zhang

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Founded in 1841, Susan A. Gelman, Interim Dean

Master of Arts

Anthropology
Anna Stamatina Antoniou
Allison Enfield Caine
Courtney Cottrell
Chelsea Rose Fisher
Michael Morgan Prentice
Christine Ann Sargent
Aleksandr Sklyar
Nikolas Philip Sweet
Cheryl Yin

Applied Economics
Aaron Andrew Avrakotos
Dimitri Charles Bianco
Xiangyi Chen
Abdullah Karasan
Yu-De Lee
Hilda Li
Runze Li
Jiani Liang
Saite Liu
Yuxin Liu
Zeeshan Mateen
Chenchen Ouyang
Xian Qian
Much Rosidi
Nellie Barbara Ruedig

Xiaoxue Song
Christina Jaeun Synn
Tian Tian
Louis Dennis Vayo II
Beatriz Lorena Velasquez Ahern
Cheng Wang
Iris Wang
Nan Wang
Tingting Wang
Zilong Wang
You Wu
Yu Xia
Lu Xue
Ziyad Hassan Yamani
Shanyi Zhang
Yilei Zhang
Ruyi Zhao
Qing Zheng
Yeshe Zhou

Applied Statistics
Omar Demian Chavez
Chih-Ting Chuang
Jessica Margaret Clark
Margaret Colberg
Mackenzie Kathleen Fankell
Jin-Hee Huh

Mengshuang Li
Rong Li
Shengqian Li
You Tian
Xuan Wang
Yuxiang Xie
Luofu Ye
Zachary Alexander Zarins

Arabic Studies
Saud Ahmed A. Alrashoodi
Yikuan Chen

Asian Studies: China
Simin Chen
Damjan Petar DeNoble
Jacob Smigrod Dingman
Bradley David Hoath
Erica Lindsey Matson
Gerui Wang
Yu Yan

Asian Studies: Japan
Marc Caracciolo
Ai-Lin Sui
Elisabeth Nicole Wood

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Master of Arts

Classical Studies: Latin
Erich Karl Heiden
Erika Nicole Valdivieso
Preston Jennings Woodward

Economics
Fan Fei
Aaron Lane Game
Benjamin James Lipsius
Aakash Mohpal
Mohammad Rasouli
Evan Nathaniel Wright

English Language and Literature
Carolyn Jennifer Dekker
Lauren Renee Sirota

Germanic Languages and Literatures
Cilli Pogodda

Judaic Studies
Avery Robinson
April Slabosheski

Linguistics
Cameron Robert Rule

Modern Middle Eastern and North African Studies
Betsy L. Fisher
David James Hilden
Peter Kitlas
Kristopher Cole Phillips

Near Eastern Studies
Ali Zohair Hussain

Philosophy
Giacomo Mollo

Political Science
Benjamin Allen Shoemaker

Russian, East European and Eurasian Studies
Colleen Pechman Fitzharris
Ruoxi Lu

Reina Elisa Saco
Benjamin Shubik Sweeney

Sociology
Amanda Ericka Ashman
Jonathan Peter Atwell
Ellen Louise Compernelle
Claire Herbert
Johanna Masse
Simeon Jacob Newman
Kelly Lynn Russell
Nelson Travis Saldana
Michelangelo Trujillo
Kennedy Alexandra Turner
Jessica Paula Wiederspan

South Asian Studies
Robert Erle Poulson-Houser

Statistics
Alexander Giessing
Karen Emily Nielsen
Zahra Sadat Razace

Master of Fine Arts

Creative Writing
Delany McKenzie Allen
Blair W. Austin
Derrick Lynn Austin
Brittany Renee Bennett
John Francis Buckley
Lauren Elizabeth Clark
Nathaniel Paul Go

Rachel Greene
Meron Ayele Hadero
Marcelo Hernandez Castillo
David Scott Hornbrook
Daniel Edward Hornsby
Nathaniel Armstead Marshall
Christopher Paul McCormick

Kelsey Rose Miller
Melinda Misener
Chigozie John Obioma
Matthew Ray Robison
Mairead Silmaril Small Staid
Jia Angeli Carla Tolentino
Maya West

Master of Science

Chemistry
Martyn Taylor Haynes
Kevin M. Ileka
Jordan Nathan Metz
Leanne Justine Sebren
Qi Zhang

Earth and Environmental Sciences
Sang Chen
Vera Maria Hehn

Ecology and Evolutionary Biology
Benjamin Miller
Lizette Nicole Ramirez

Geology
Tao Wen
Susan Emily West

Mathematics
Yun Chen

Aria Ghasemian Sahebi
Zhenzhong Jia
Tae Hyung Kim
Rong Li
Tzu-Ying Liu
Yang Liu
Thomas Roland O'Bryan III
Wei Qian
Alexander Christian Quenon
Qingsi Wang

Molecular, Cellular and Developmental Biology
Jennifer Jill Westerhuis

Physics
Eduardo Javier Ruiz
Hengxi Yang

Psychology
Sarah-Elizabeth Mariehilda
Byosiere

Tissyana Carmen Camacho
Christopher Ryan Cannon
Daniel Castro
Hau Ngoc Dinh
Adrian O'Brien Gale
Alexandra Nicole Hall-Ruiz
Elise Hernandez
Lucy Shih Ju Hsu
Katie J. Hu
Yasaman Kazerooni
Piper Caroline Keyes
Eunjung Kim
Marisa Judith Perera
Rita Cantillon Seabrook
Richard Edgar Smith II
Steven Tompson
Wai Him Yam
Sasha Katarina Zarins
Yu Zhang
Angie T. Zuo

MEDICAL SCHOOL

Founded in 1850, James O. Woolliscroft, Dean

Master of Science

Bioinformatics

Nicholas A. Comment
Brittany Ann Nelson

Biological Chemistry

Samuel Thomas Slocum

Genetic Counseling

Julie Elizabeth Frank
Lauren Elizabeth Hipp
Christine Ann Hong
Deanna Lynn Julian
Emily Jean Moe
Dana Schlegel
Caroline MacKenzie Weipert

Health and Health Care Research

Chandy Ellimoottil
Samir Kumar Gadepalli
Avi Giladi
Jessica Mellinger
Andrew Schoenfeld
Terry Shih
Renuka Tipirneni

Human Genetics

Adam Helms
Rachel Catherine Wallen

Microbiology and Immunology

Matangi Marthi

Neuroscience

DiJon Hill
Kyle Ketchesin
Johnny Jim Saldate, Jr.
Amanda B. Wehner

Pharmacology

Alisha P. Griffin

SCHOOL OF DENTISTRY

Founded in 1875, Laurie K. McCauley, Dean

Master of Science

Restorative Dentistry

Rabia Arif
Vasiliki Maseli

COLLEGE OF PHARMACY

Founded in 1876, Frank J. Ascione, Dean

Master of Science

Medicinal Chemistry

Melissa Christine Holt

COLLEGE OF ENGINEERING

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

Master of Science

Atmospheric, Oceanic and Space Sciences

Nicholas Thomas Diedrich
James Tyrone Edwards, Jr.
Dori Elyse Mermelstein
Jonathan Scott Nickerson

Biomedical Engineering

Tayte Martin Askelsen
Yu-Chen Cheng
Jaiwant Isaac Ebenezer
Theodore Roberts French III
Rungroj Jintamethasawat
Hyesun Jun

Nikita Lomis
Sophia Pilipchuk
Kathleen Marie Ropella
Tugba Topal
Tejaswi Umesh Worlikar

Computer Science and Engineering

Silky Arora
Apoorva Bansal
Kaisen Chen
Kyoungah Kim
Duc Hoang Le
Kai Li

Brian Craig Lubben
Navid Motlagh
Vijairam Parasuraman
Michael Kenneth Purser
Kavya Raja
Scott Ellison Reed
Balaji Soundararajan
Yiheng Wang

Electrical Engineering

Naveen Bharathwaj Akesh
Qi Chen
Yifei Du
Tien-Hao Gan

COLLEGE OF ENGINEERING

Master of Science

Li Huang
Shihan Huang
Jeffrey Ju
Motaz Khader
Hang Li
Sen Li
Shiuan Li Lin
Linzhi Ma
Yue Qu
Donguk Yang
Zhe Yu
Hongye Yuan
Wei Zhang
Yunyi Zhang
Andi Zhao
Chumin Zhao
Menglian Zhou

Electrical Engineering–Systems

Jingyi Chen
Yu-Shiuan Chu
Zhe Feng

Shiqing Gao
Divya Garikapati
Varsha Govindu
Xi Han
Daecun Jang
Eunji Kim
Cheng-Fu Lin
Bo Liu
Brian Edward Moore
Gopal Nataraj
Siyuan Pu
Prerit Terway
Chang Wang
Jingxiang Yuan

Industrial and Operations Engineering

Lena A. Abu-El-Haija
Abdullah O. Alshelahi
Yijie Cheng
Shenghe Jia
Jeffrey Aaron Kritzman

Kayse Trine Lee Maass
David Benjamin McMillon
Jingxing Wang
Judy Xu
Xianli Zhou

Macromolecular Science and Engineering

Jiwon Kim
David Pan
Jin Zhang

Naval Architecture and Marine Engineering

Gokhan Ceylan
Dillon Patrick Helfers
Qian Ma

Nuclear Engineering and Radiological Sciences

Alicia Salazar

Master of Science in Engineering

Aerospace Engineering

Tyler James Alexander
Justin Anthony Amara-Parent
Aashi Arun
Ryan Sung Jun Bae
Ryan Bradley Boekeloo
Benjamin John Brelje
Adam J. Bybee
Jimin Cai
Weiyu Cao
Wenzhi Kenny Chen
Miang Hwee Chia
David Oh Cho
Megan Colbath
Kannan Dasharathi
Ambarish Desai
Adam Vincent Duran
Eric James Fandel
Ankit Goel
Yukun Gong
Scott J. Hall
Sirui Huang
Ga Ram Jun
Soo Jae Jung
Jaehoon Kim
Ryan James Klock
Robin Lenore Klomparens
Yali Li
Zhaojian Li
Keen Yee Liau
Qian Ma
Chukwuka Mbagwu
Connor Michael McCarroll
Brian Michael Mejeur
Dave Wilson Oyler
Pradyumna Srinivasan
Khai Quang Tran

Zelu Xu
Alex Ho Yang
Ming-Jui Yu

Biomedical Engineering

Aarathi Arab
Graham Gene Billey
Corrine Marie Carter
Nicholas James Cobane
Sarah Elizabeth Darnell
Kirk William Elliott
Andrew Hao-Jie Foo
Jeffrey Francis Friedman
Rainier Laforteza Galinato
David Edward Hayashi
Evan Michael Hendler
Marian Hunter Hill
Ryan Michael Holstad
Alexander Leyan Hsu
Leah Catherine Jennings
Albert Kao
Karlo Adrian Malaga
Kevin Patrick Merchak
Jeffrey Allan Mitchell
Andrej Nedec
Lia Pierce
Jordan Marcus Pollack
Ryan P. Randall
Annie Yingyao Song
Kenny Tang
Clare Elizabeth Ward
Charles Henry Warner
Cristine Ellen Zuchora

Chemical Engineering

Robert Paul Campana
Yu Du

Margaret Brooks Fish
Tianhong Hou
Boyu Jang
Jacob Herbert Jordahl
Benjamin Andrew Kosinski
Molly Aliza Kozminsky
Ramya Kumar
Wen-Chi Lin
Jeffrey S. Lowe
Lianette Rivera
James Demetrios Saraidaridis
Thomas Byron Hipps Schroeder
Vijaynaren Subramaniam
Terigule
Danielle Rebecca Trakimas
Qian Wang

Civil Engineering

Vanessa Acon
Candace Ann Blandford
Stefano Bruni
Andrew Robert Burton
Edward Chong Meng Cheung
Susie Chung
Davis Michael Craw
Cesar Armando Josimar del Cid
Juarez
Gregory Fox
Matthew Thomas Hartigan
Mitsuhiro Hirose
Michael James Klein
Jie Liu
Ian David McCreery
David Edward Quintal
Lena Maria Soler Ayoroa
Avinkrishnan Ambika
Vijayachandran

COLLEGE OF ENGINEERING

Master of Science in Engineering

Brian Thomas Wackerman
Jonathan Russell Wagenknecht
Curtis Robert Westbrook
Xiaolei Xu

Computer Science and Engineering

Sami Ahmad Abu-El-Haija
Forest Agostinelli
Ajit Chandra Parasar Aluri
Jonathan Marc Bendes
William Erwin Beyer
Erik Brinkman
Pooja Chakraborty
Qi Chen
Michael Ronald Cieslak
Jessica Ann De Jong
Matthew James Diffenderfer
Earlence Tezroyd Fernandes
Pankhuri Gupta
Isaiah David Hines
Alexander Lefkos James
Benjamin Philip King
Haokun Luo
Siva Manaswini Malladi
Adam Timothy Norton
Lin Hao Peng
Teja Venkata Ravipati
Eva Marie Robert
Jeffrey Michael Rosen
Davood Salehabadi
Landon Charles Smith
Rongrong Tao
Yuanyuan Zhou

Construction Engineering and Management

Roberto Antonio D'Agord
Wenqi Li

Electrical Engineering

Xiaozhou Che
Myungjoon Choi
Saniya Vilas Deshpande
Christopher John Durot
Connor Thomas Field
Chenxiao Gu
Sicong Hua
Seok Hyeon Jeong
Lei Jiang
Wanyeong Jung
Eugene Sunmin Kim
Junghoon Kim
Seonghoon Kim
Avish Kosari
Jiangyuan Li
Wen Ma
Jihong Min
Adrian Montero
Mengting Nan
Min Peng

Hyun Chul Ro
Rodolfo Rodriguez
John Myron Ruppe
Nancy Senabulya
Byeongseop Song
Hye Jin Song
Ethan Michael Stark
Yu Sui
Shuanghong Sun
Brian Benjamin Tierney
Tong Tong
Qi Wang
Tianyang Wang
Jiayou Wei
Hsi-Shou Wu
Allan Xiao
Bingyue Xiong
Kaiyuan Yang
Tolga Yardimci
Xinyang Zhang
Zhizheng Zhang
Nan Zheng

Electrical Engineering--Systems

Hengzhi Chen
Fu-Jen Chu
Nicholas Eliot Bentley Clift
Nicolas Edward Duvoisin
Mehrtash Haghighat
Kenneth David Harris
Scott Nelson Kenyon
Tae Hyung Kim
Taewan Kim
Matthew John Laing
Tzu-Hao Lee
Chun Lo
Chao Ma
Jamie Cowey Ma
Maxim Markov
Nalini Nadupalli
John Kyle Polack
Chengeng Qu
Paul Jakob Schroeder
Xinning Shen
Devin Ted Smith
Changkyu Song
Rupert Stephen Tull de Salis
Wenbo Wang
Zheng Wang
Tejaswi Umesh Worlikar
Yan Zhang
Yang Zhu

Environmental Engineering

Yi Chen
Ana Elizabeth Estrella You
Wenjia Fan
Ellyn Elizabeth Gates
Siddharth John
Xiaolu Li
Alexandre Mercier

Lukas Reid Vander Linden
Yinyin Ye

Financial Engineering

Edward Cheng
Aria Ghasemian Sahebi
Alexander Roy LaLonde
Nima Rohani kalagari
Toshiyuki Sakiyama
Takayuki Shibaoka
Jiana Song

Industrial and Operations Engineering

Sara Ali
Kenneth Au
Simon David Bank
Sam Seung Ryul Beck
Jenna Marie Bertke
Jeremy Marc Francois Castaing
Alex Ty Chang
Weidong Chen
Shunan Cheng
Timothy Robert Curran
Yan Deng
Daoxia Ding
Maria Edwina
Danny M. Fawaz
Neil Aloysius Fernandes
Christopher Francis Greenough
Meital Haas
Hutomo Pratama Halim
Chen He
Jonathan Scott Hodges
Erica Danielle Hoffman
Thomas G. Kai
David Benjamin Komar
Daniel Lawrence Madwed
Selin Merdan
Chayanin Na Chiangmai
Patrick Nestor
Jonathan Or
Nikhil Umakant Patel
Keith Ballew Porter
Yonatan Rafael
Adam Michael Rochford
Samuel Albert Rosen
Alexis Constance Shandler
Ryan Joseph Sparks
Crosby Steiner
Christopher Kinsman Stevens
Weidong Su
Yuying Sun
Santhosh Suresh
Alessandra Kirsten Twomey
Vikram Venkatesan
Stephanie Elizabeth Waller
John Michael Walsh
Haipeng Wu
Chencheng Zhou
Xinxin Zhu

COLLEGE OF ENGINEERING

Master of Science in Engineering

Christine Marie Zugaro
Emily Ruth Zumbrunnen

Macromolecular Science and Engineering

Andrew Phillips

Materials Science and Engineering

Nicholas Walter Austin
Sea Dong
Kevin Bram Golovin
Eric Scott Harper
Natania Hortsch
Reshma Saira Mathew
Pengrui Wang

Mechanical Engineering

Jenna Marie Boeing
Jonathan Michael Bolenbaugh
James Michael Buquet
Gregory Cass
William Robert Catlett
Chin-Wei Chang
Han-Yuan Chang
Yijie Cheng
Shao Teng Chong
Ankit Goila
Tae-hoon Han
David Bruce Hiemstra

Andrew Ky Kuo
Haochi Li
Qianyu Liang
Yechao Lin
Juan Ignacio Luciano
Jon William Nicholas
Thomas Erik Olsen
Joshua Padeti
Wansoo Pak
Urveen Kaur Amarjit Singh Puri
Jiawei Qin
Siddhesh Dilip Shinde
Pamela Cristina Silva Diaz
Balakrishnan Subramanian
Chenxi Sun
Hao Wang
Qi Wang
Xin Weng
Yang Xu
Yifan Xu
Yifan Zhang
Zheming Zhang
Chuming Zhao
Yihao Zheng
Xin Zhou
Yuqing Zhou

Naval Architecture and Marine Engineering

Kenneth Au

Diane Marie Blankers
Jason James Bundoff
Eun Jung Chae
Christopher Francis Greenough
Brock Jeffrey Hashimoto
Weiran Jiang
Thomas G. Kai
David Benjamin Komar
Thomas Erik Olsen
Shaurya Veer Singh
Andrew Joseph Stankovich
Alexander Andrew Szust
Eileen Marie Tausch
Alessandra Kirsten Twomey
Stephanie Elizabeth Waller
John Michael Walsh

Nuclear Engineering and Radiological Sciences

Alexandra Leigh Niska Burja
Matheus Prim Markoski dos Santos
Christopher John Durot
Drew Coulson Johnson
Brandon Douglas Lafleur
Cameron Alan Miller
Marc Lavi Ruch
Michael Wesley Streicher
Jacquelyn Therese Wojewoda

A. ALFRED TAUBMAN

COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1913, Monica Ponce de Leon, Dean

Master of Science

Architecture

Rudai Shan

Master of Urban Planning

Urban and Regional Planning

Aly Andrews
Melanie Ann Batke
Grant Antonio Block
Aja L. Bonner
Bradley Vernon Brey
James Douglas Carpenter II
Yohan Chang
Patrick David Cooper-McCann
Cassandra Marie Dewitt
Mohamad Diab
Colin Richard Dillon
Nelida Astrid Escobedo Ruiz
Sergio Escudero
Jia Fang
Arielle Fleisher

Jacob Erik Gottfried
Ashlee Jensen Grace
Nicholas Patrick Grisham
Myles Aleksandr Hamby
Dustin Leigh Hodge
Yu-Hung Hsiung
Eric Michael Huntley
Elsa Ibarra Albizu
Evan Michael Johnson
Cheng Kuan Kan
Hannah Josephine Kelley

Urban and Regional Planning

Katherine Joanne Knapp
Brandon William Kovnat
Albert H. Lee

Iris Edith Lehmann
Yujia Liu
Matthew David Lonnerstater
Megan Elizabeth McPhelimy
Terra Lillie Reed
Elise Cara Ross
Erin Royals
Kathryn Ann Ryan
Nour Musallam Shammout
Kevin Justin Shelton
Yun Shi
Brian Edward Smyser
S. Allison Sponseller
Alexandria McFarland Stankovich
Danielle Marie Thoe
Elizabeth Jayne Treutel

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Master of Urban Planning

Rachel Stehouwer Visscher
Cheng Wang

Simiao Wang
Xiao Wen

Sara Elizabeth White
Katie Irene Wholey

SCHOOL OF EDUCATION

Founded in 1921, Deborah Loewenberg Ball, Dean

Master of Arts

Educational Studies

Caroline Sarah Braden
Cory S. Cotter
Sara R. Molnar
Nick Muehling
Walter Joseph Power
Lauren Theresa Rocco

Ivan Muki Tan
Lindsey Byrum Thompson
Joseph Henry Pasteur Valentine-
White
Sarah Emily Van Duyn
Joslyn Sarles Young

Higher Education

Erica Jenine Andrews
Julia Christine Broadway
Leticia Abril Diaz
Kristen Michelle Dittus
Lauren Walker

SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT

Founded in 1927, Marie Lynn Miranda, Dean

Master of Landscape Architecture

Jing Bu
Jacob Ryan Hamilton
Michael Kaminski
Emily Jane Lauderdale

Pojing Liu
William Robert Morrison
Laura Katelyn Palm
Rachel Stehouwer Visscher

Shuting Wang
Cheng Xing
Fei Zhao

Master of Science

Natural Resources and Environment

Kyle Doran Alexander
Wesley Chad Allred
Jesse Peter Antuma
Olga Mikhailovna Avrutin
Karen Azeez
Nathaniel David Boesch
Claire Sinead Boland
Mariel Cecelia Borgman
Jennifer Lynn Bowe
Dana Kathryn Burnette
Rose Kreuser Buss
Adam Robert Byrnes
Jill Anne Carlson
Ben H. Chen
Wan-Ning Chen
Sara Simone Cole
Alejandro Colsa Perez
Meghan Allison Cornwall
Anne Teresa Cronin
Heather Leigh Croteau
Steven Albert Davidson
Kathryn Coy Davis
Marie Lynn Donahue
Zhenyue Duan
Catherine Gordon Dyson
Jonas Epstein
Bryce Elizabeth Esch
Jillian Rianne Estrada

Nancy McLeod Gephart
Daniel James Gerding
Braeden Ryan Gilchrist
Kathryn Marie Godlewski
Daniel Gonzalez-Kreisberg
Ashlee Jensen Grace
Bernadette Grafton
Allyson Gail Green
Meaghan Lyons Guckian
Andrew Michael Haarer
Robert Joseph Haarer
Katy DeLaforge Hintzen
Jamie Elise Jackson
Meghan Elizabeth Jacokes
Charlotte Rae Jameson
Hongda Jiang
Siddharth John
Timothy Patrick Johnson
Cheng Kuan Kan
Kevin Michael Keeler
Berry Kennedy
Carole Kerrey
Fumi Kikuyama
Hsuan-Wen Kuo
Albert H. Lee
Margaret I. Lee
Yu-De Lee
Lei Lei
Annelise Guedes Lemes
Ruiyang Li

Mary Elizabeth Lutton
Makely Frost Lyon
Bristol Fahran Mann
Chuck McDowell
Trevor James McManamon
Daphne Christine Medina
Samantha Leigh Miller
Joelene Monestier
Ryan Grant Moody
Harriet Anne Morgan
Elizabeth Moyer Munn
Hannah Naughton
Max Derek Neale
Dawn Marie Nelson
Chanisa Niljinda
Erin Kristen O'Brien
Katie O'Gara
Elizabeth Alice Och
Melisa Aylin Ongun
Sara Elizabeth Orvis
Joe Allen Otts
Ima Otudor
Chenchen Ouyang
Alejandro Colsa Perez
Anna Riba Hellzen Peschel
Binoy Philip
Autumn Char Poisson
Anis Saichiro Ragland
Madhavi Kommula Rao
Elizabeth Adele Reisman

SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT

Master of Science

Betsy Riley
Yufan Ruan
Benjamin Thomas Sasamoto
Brian David Schaap
Aubrey Reanne Scott
Jason Singh Sekhon
Sachin Shahria
Samuel Adam Shingledecker
Emilia Destry Sibley
Lauren Victoria Smith

Stephanie Colleen Smith
Brian Edward Smyser
Kara Renee Steeland
Cara Elizabeth Steger
Alison Whitney Stevens
Samuel Kazumitsu Stevenson
Lukas Grey Strickland
Sabrina Michelle Sullivan
Emily Skye Lauren Taylor
Janet Van De Winkle

Louis Dennis Vayo II
Daniel Voce-Gardner
Yu-Chen Wang
James R. Ward
Caitlin Quinn Weber
Xiaofei Wen
Paul Alexander Winters
Xin Xu
Michelle Zilinskas
Leah Marie Zimmerman

SCHOOL OF MUSIC, THEATRE & DANCE

Founded in 1940, Christopher Kendall, Dean

Master of Arts

Media Arts
Conor Barry

Music Composition
Dylan Arthur Baker
Annika Kale Socolofsky

Music: Musicology
Ethan Tyler Allred

Master of Fine Arts

Dance
Maxx Passion

Brittany Whitmoyer

SCHOOL OF NURSING

Founded in 1941, Kathleen Potempa, Dean

Master of Science

*Adult-Gerontology Acute Care
Nurse Practitioner*

Ji Young Byun
Elizabeth Marie Cody
Alexandre Dunning
Victoria Francis
Michael G. Jakubik
Viktoriya Kagan
Anastasia Kanellopoulos
Mallorie Nicol Laesch
Christopher Thomas LoPiccolo
Abigail Manoti Machoka
Kelly Marie Paulisin
Megan Kyna Spicer

*Adult-Gerontology Primary Care
Nurse Practitioner*

Sarah Tolton Caszatt
Jordan Elizabeth Cepela
Shannon Cregeur Darket
George Christopher Dickinson
Alissa Rebecca Hagen
Andrea A. Johnson
Kathryne Molnar
Hyehwan Yang

*Community/Public Health/
Home Care Nursing*

Lori Ann Crawford
Belinda M. A. Fish

Christina Frances Ziegler

Family Nurse Practitioner

Meaghan Mary Cotter
Holly Lynne Doggett
Sarah Ann Goehmann
Megan Elizabeth Gray
Katherine Hershey
Elizabeth Hetrick
Heather Holdread
Clara Elizabeth Julien
Abby Laura LaRock
Rachel Lynn Manning
Kayla Ann Michalski
Jessica Lynn Roossien
Theresa Michelle Player Rowry
Alexandra Lauren Stencil
Ashley Rachele Tupper

*Family Psychiatric-Mental Health
Nurse Practitioner*

Jessica Ann Hull
Kathleen Nolan
Lynn Dearl Vaughn, Jr.

Nurse Midwife

Meagan Ruth Chuey
Allison Leigh Cornoyer
Caitlin Joelle Couture
Jennifer Anne-Cisco Eifler

Margaret Loehr Fink
Lauren Victoria Linden

*Nurse Midwife and Family
Nurse Practitioner*

Danielle Nicole Schurr

*Nurse Midwife and Primary Care
Pediatric Nurse Practitioner*

Sarah Pascal Ohlsson

*Nursing Business and
Health Systems*

Kyle Daniel Karajankovich
Kelly Schultz

*Primary Care Pediatric
Nurse Practitioner*

Anna Burns
Marissa H. DaSilva
Kathryn Fenton
Jill A. Frieders
Amanda Joy Goodyke
Anne Marie Hauser
Stephanie Ann Johnson
Giulia Mayerhoff
Sarah Elizabeth Patton
Jaime Lee Viers

SCHOOL OF PUBLIC HEALTH

Founded in 1941, Martin Philbert, Dean

Master of Science

Biostatistics

Tanima Banerjee
Yanyun Cao
Wenting Cheng
Leah Andrews Comment
Zhe Fei
Chelsea Marie Grindle
Jordan S. Jahnke
Ying Jia
Yunshu Jiang
Michelle Tai Lee
Jessica Lehigh
Qixing Liang

Madeleine Ma
Jerry Benjamin Orłowski
Catherine Corinne Robertson
James A. Shaffer
Andrei Robert Stefanescu
Ming Teng
Meng Xia
Zihan Zhou
Nicole Marie Zimmerman

Environmental Health Sciences

Allyson Gail Green
Ishwarya Venkata Narayanan

Health Services Research

Mary Smiley
Sijiu Wang

Nutritional Science

Huapeng Zhang

Toxicology

Joseph Lionel Jilek

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Ruth J. Person, Chancellor

Master of Arts

Oya S. Agabigum
Adam J. Gardner

Aimee L. Hare
Meghan K. Riley

Stacie E. Scherman
Ira Skampi

Master of Public Administration

Patrick A. Adams
Paula J. Allen
VonSarah I. Bean
Christopher C. Berlin
Susan J. Dykstra
Yashica S. Ellis
Jeffrey J. Holko

Melissa M. Hornyak
Jaime M. Jakubowski
Zachary J. Kapla
Lisa M. Klink
Ashley A. Mandruch
Chia C. Morgan
Debra A. Morgan

Katherine A. Scheid
Adam E. Schnepf
Michael P. Smith
Tyler S. Sweers
Arnold O. Vande Mark
Emily C. Varney

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1958, Daniel Little, Chancellor

College of Arts, Sciences, and Letters

Master of Arts

Liberal Studies

Katty Jimenez

Amy Erin Kuhl

Master of Public Administration

LaMar Armstrong
Janette Alicia Bazzel-Rodriguez
Danielle Suzanne Cadoret
Erikka Nichole Evans-MacNeal
Orlando Raymond Gregory
Shannon L. Luther
Valerie Hargraves Butterfield

Krystal F. Kemp
Terri Lynn Lessnau
Jeremy S. Long
Sheryl Lynn Maironis
Lynnea O'Nita Marshall
Wendy S. Moya
Gerald Michael Parr

Erica Carissa Plummer
Brittany Lee Pullum
Alicia Hinojosa Ramon
Reem Salem
Jimmy R. Solomon
Rasha A. Thabet
Krishina J. Welch

Master of Science

Jacob Beaker
Sherika Danyelle Gibson

Scott Michael Wasielewski
Eric John Wethy

Yang Wu

UNIVERSITY OF MICHIGAN-DEARBORN

College of Education, Health, and Human Services

Master of Arts

Carole Ann Dempsey
Naily Elward

Heather Kosmowski
Kendra Lytle

Jason Robert Reese
Steven C. Thomas

College of Engineering and Computer Science

Master of Science

David Mark Affeldt
Mohammad Hussain Alismail
Abdullah Alkeilani
Mazen F. Alnofal
Divyaa Bhaskar
Timothy J. Bourque
Jessica Chouinard
Robert Carl Coffin
Roxana Dashti Tehrani

Christopher Scott Douglass
Matthew R. Fielden
Michael Scott Fridolfs
Mohamed Hajalie
Steven M. Herrick
Asif Hussain
Mark D. Kingstrom
Mo-Hsuan Lee
James N. Perry II

Yantao Qiao
Hernan Ricardo Rodriguez Pardo
Mohit Rupani
Corey Robert Shore
Joseph Douglas Temple
Padmini Venkatesh
Parvathy Viswamohan
Liela Yacoobi
Zheng Zhang

Master of Science in Engineering

Isaac Achoh
Waleed Mahmoud Al-Mahshi
Aditya Bharat Atal
Zahra Hussein Badaoui
Eric Michael Beckhold
Huanjun Cai
Sahas Chakilam
Junjie Chen
Nicholas Matthew Chetcuti
Yuan Chi
Charles Martin Combs III
Feng Dang
Coreen Michelle DeFever
Zi Deng
Matthew Eder
Laura Rocio Elizondo Segura
Michael Richard Enochs
Chen Fang
Abhinav Ulhas Gaikwad
Bryan Johnstan Gaines
Chenchen Gao
Guan Gong
Mohamad M. Hariri
Mayur Harsha
Matthew David Hartley
Rong Huang
Wenchen Huang
Nikhil Nachappa Iychodianda
Kushalappa

Matthew Lee Kahn
Venkat Hanumath Shyam
Karumanchi
William Thomas Kern
Neelima Radhika Kommaraju
Ryan Scott Lang
Jacob Wookeun Lee
Zhi Li
Zidong Li
Zheming Liang
Jun Long
Kyle Christopher Manduch
Ajinkya V. Mehendale
Gandi Khalafalla Mohamed
Afzal Hussain Mohammad
Rayyan Mohammed
Azam Junaid Mohd
Sumukha Nagaraj
Andrew Lee O'Bannon
Kiran Revanagowda Patil
Marcel Prado
Chandan Krishna Prasad
Matthew R. Preston
Akshat Rajvanshi
Anandampillai Suhas
Ramanujpuram
Syed Paymaan Raza
Ari Richman
Alan Thomas Scarantino

Hangxing Sha
Sajeed Shaik
Christopher P. Sheehy
Gaurav R. Sheth
Michael B. Shi
Brad David Shockling
Clark Steven Smalley
Gaye Soyseven
Ajay Adithya Srinivasan
Yilin Tian
Jacob Allen Turnbull
Shashank Vijay
Wenduo Wang
Zhengxiong Wang
Brian Joseph Warner
Keyi Xing
Simeng Xing
Mingyang Yang
Vishwa Teja Yerram
Hussein Mohamad Zaarour
Shaowen Zhang
TuNan Zhao

SCHOOL OF INFORMATION

Founded in 1969, Jeffrey MacKie-Mason, Dean

Master of Arts in Information

Manchul Han

PENNY W. STAMPS SCHOOL OF ART & DESIGN

Founded in 1974, Gunalan Nadarajan, Dean

Master of Fine Arts

Art

Ann Margaret Bartges
Mia Enrica Franchini Cinelli
Molly Valentine Dierks

Parisa Ghaderi
John Gutoskey
Juliet Frances Hanson Hinely

Peter Nicholas Leix
Rolando Palacio
Katherine Elizabeth StClair

SCHOOL OF KINESIOLOGY

Founded in 1984, Ronald F. Zernicke, Dean

Master of Arts

Kinesiology

Kyle J.D. Barlow
Anthony George Binker
Gabriel Allen Carter
Rong Chen

Eric Theodore Haney
Byungju Kang
Christine Marie Moulton
Johnathan Edward Ryan
Jai Ku Sun

Kelly Noelle Vaughn
Jeffrey Rubin Weintraub
Katherine Laura Williams
Han Wu
Xiaochen Zhou

Master of Science

Kinesiology

Hidetaka Hibino

Jonathan Hill

Erica Geneen Murdock

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

Natalie Astrid Guishar

Leah Crystal Martin

Kenneth Jerome McFarlane

Master of Public Policy

Yamile Andrea Acevedo Guerrero
Luis Alonso Alvarez Portugal
Mari Arakaki
D'Wayne Bernard Bell
Daniel Ethan Ben-Zadok
Franklin Berman
Jarron Daniel Bowman
Sinan Bozkus
Cassarah Rebecca Brown
Caitlin Patricia Carmedelle
Rebecca Lynn Cassidy
Anna Jin Chan
Stephanie Lily Chang
Elizabeth Selma Cochran
Jessica Frances Compton
Luis Miguel Contreras Diaz
Shane James Cooper
Andrew Douglas De Leeuw
Michael Dobias
Imah Eno Effiong
Isaac Epstein
Christopher Falcone
Carly Lauren Farver
Brian David Gileczek
Joshua Greenberg Hazan
Claire Therese Hutchinson

Jacob Anthony Ignatoski
Yang Jiao
Samuel Kahn
Gillean Kitchen
Sophia Chalkley Kittler
Shigeki Kobayashi
Mark Ryan Koski
Masayoshi Kurisu
Patrick Robert Leonard
Megan Elaine Levanduski
Nicole Marion Love
Yuchen Lu
Benjamin Curtiss Lusher
Shirley S. Ma
Miranda Sarah Malkin
Vibha Mehta
Christopher William Montgomery
Alyssa Marie Mouton
Shriram Narayanan
Steven Allan Nelson
Hidenori Nonaka
Hiroyuki Ono
Ryne Glen Peterson
Jordi Prat Tuca
Kumar Raj

Kathryn Reeves
Betsy Riley
Tyler John Sawher
Layne Ashley Scherer
Matthew David Schwab
Nour Musallam Shammout
Brian James Sheldon
Lauren Sheram
Dana Lauren Sherry
Shivan Sivalingam
Samuel Corless Stern
Alison M. Stroud
Erin Alexandra Sullivan
Benjamin Shubik Sweeney
Ozkan Tekneci
Jessica Kai- Lu Teng
Tian Tian
Zachary David Turk
Kristin E. Van Ausdal
Gerardo Velazco del Angel
Pablo Gerardo Velazquez Villa
Christine Wagner
Hisako Yabuki
Hirokazu Yamasaki
Likangjin Zheng

UNIVERSITY OF MICHIGAN GRADUATES

August 2014

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

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

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

Master of Science *Survey Methodology*
Daniel Rodrigo Guzman Herrera

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Founded in 1841, Susan A. Gelman, Interim Dean

Master of Arts *Applied Statistics* *Russian, East European and Eurasian Studies* *Sociology*
Joshua Daniel Hemmingway Rebecca Dulemba Guillermo Enrique Sanhueza
Victoria Elizabeth Garcia

Master of Science *Psychology*
Irene Yung Hsuan Wu

MEDICAL SCHOOL

Founded in 1850, James O. Woolliscroft, Dean

Master of Science *Biological Chemistry*
Amin Ahmed Ali

SCHOOL OF DENTISTRY

Founded in 1875, Laurie K. McCauley, Dean

Master of Science *Dental Hygiene* *Orthodontics* *Restorative Dentistry*
Diana Kott Adam Rubin Donnell Haitham Alquorain
Stefanie Marie Marx John Michael DuRussel
Angela Jean Mills Carmen Alyson Garcia
Elliot Louis Saperstein
Endodontics Bradley C. Stieper
Robert Michael Wiesen Vina Zi Zinn

COLLEGE OF ENGINEERING

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

Master of Science *Atmospheric, Oceanic and Space Sciences* *Industrial and Operations Engineering*
Samantha Tushaus Boying Liu

COLLEGE OF ENGINEERING

**Master of Science
in Engineering**

Biomedical Engineering
Yang Yong

Chemical Engineering
Rhonda Martha Jack

Environmental Engineering
Andrew James Layman

*Industrial and Operations
Engineering*
Eric Hung

A. ALFRED TAUBMAN

COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1913, Monica Ponce de Leon, Dean

Master of Science

Architecture
Emad Khaled Al-Qattan
Lee Mark Azus
Elizabeth Marie Baskerville
Christopher Griffin Byerly

Caitlin Maureen Cashner
Rizkallah Chaaraoui
Samira Daneshvar
Amar F. Kalo
Xiang Liu

Elizabeth Anne Sauve
Kavan Ajay Shah
Han-Yuan Tsao
Liyi Zhu

SCHOOL OF EDUCATION

Founded in 1921, Deborah Loewenberg Ball, Dean

Master of Arts

Educational Studies
Tawheedah Bint Abdullah
Questen La-shon Benjamin
Deana Danielle Binford
Eliza C. Bivins-Fink
Rachel Marie Bomphray
Michael Peter Broersma
Megan Elizabeth Brown
Anna Marie Bryant
Marah Cooney Casey
Miriam Debora Chis
Anna Eun Sil Choi
Ronye Janise Craft
Destiney Grace Davis
Catherine Thu Dinh
Farah Samer Elakhaoui
Emily Irene Everard
Jeanine T. Francois
Renee Lynn Gantt
Anne Torrey Gillies
Rachel M. Goulet
Jacquelyn Marie Green
Alexander Griffiths
Brittany Michelle Hahn
Michael J. Hoffman
Morgan Marie Hooks
Aleschia Devon Hyde
Kristina A. Jaeger
Thomas John Jubert
Rebecca Elizabeth Kissel
Mariama Kurbally
David Alan Lamb

Jenalyn Cattran Lawrence
Shu Jun Lee
Danielle Marie LeFevers
Matthew Norman Lemoyne
Chi Yung Ken Leong
Kimberly Ann Lock
Catherine Ella Longshore
Jo Ann Lucas
Iris Mae Macadangdang
Rachael Lauren Malerman
Hui-Ling Sunshine Malone
Sarah Malone
Anne Campbell Markey
Hiroko Mawatari
Katherine S. McKenzie
Andrea Jean Melkus
Maria Mijac
Claire Colliver Miller
Christian Nicholas Mocek
Carlisa Marie Moffett
Adrian Denise Monge
Xavier Jarrod Monroe
Katie O'Donnell
Latea Rebecca O'Kane
Griffin Douglas Pepper
Veronica Bernice Petroelje
Stephanie Porowski
Laura Pressprich
Blake Jeffery Pynnonen
Vi Michael Quach
Lauren Renee Quigley
Jayanthi Reddy

Megan Stewart Riley
Tara Kathleen Ryan
Jenny Lisa Sawada
Nathaniel Patrick Schimberg
Shannon Bauchat Sestak
Casey Edward Smith
Jonathan Jihon Song
Andrew Mark Sorich
Aliza Stein
Chad Dana Pomfret Stewart
Leah Cameron Stilman
Sarah Stilwell
Kelsey Marie Strait
Murat Sumer
Brandon Matthew Vince
Nicholas A. Weiland
Benjamin Michael Williams
Evan Aaron Wilson
Richard Winters
Erin Shelby Wood
Christine Reisha Woolford

Higher Education

Colleen Elizabeth Campbell
Will Cherrin
Erica Lynn D'Eramo
Alexandra Leigh DeFries
Vanessa Fellers
Michael William Lausch
Aileen Marie Stewart

SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT

Founded in 1927, Marie Lynn Miranda, Dean

Master of Science

Natural Resources and Environment

Lauren Amanda Eaton
Michelle Anne Fournier

Syed Maaz Hassaan Gardezi

Paul William Glyshaw
Haosong Jiao
Bailey Anne Keeler

Alek Joel Kreiger

Andrew James Layman
David Rosier
Mark Alan Yoders

SCHOOL OF NURSING

Founded in 1941, Kathleen Potempa, Dean

Master of Science

Adult-Gerontology Acute Care Nurse Practitioner

Melanie Beth Bolthouse-Magda

Family Nurse Practitioner

Dipti Patel

Family Psychiatric-Mental Health Nurse Practitioner

Donald Tietsema

Community/Public Health/ Home Care Nursing

Monica Ann Vasquez

SCHOOL OF PUBLIC HEALTH

Founded in 1941, Martin Philbert, Dean

Master of Science

Clinical Research

Sarah Rathnam Akkina
Ashley Dunfee
Nathan Kopydlowski

Matthew Lau

Aimee Rolston
Omar Yasin

Clinical Research Design and Statistical Analysis

Ariane Sylvaine Neyou

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Ruth J. Person, Chancellor

Master of Arts

Suzanne C. Lossing

Brandy A. Shooks

Master of Public Administration

Jennifer L. Berlanga
Angela B. D'Arcangelis
Gale U. Glover
Jozyane S. Hayek
Mekelle Y. James
Jill A. Maxwell

Jeremy P. Mitchell
Tammy M. Muczynski
Aaron Orkisz
Jennifer L. Orkisz
Lisa E. Roedel
Lisa A. Singleton

Samantha J. Smith
Jessie D. Wilson
David R. Wyatt
Jason Zeller
Han Zheng

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1958, Daniel Little, Chancellor

College of Arts, Sciences, and Letters

Master of Public Administration Reem Salem Rasha Thabet

Master of Science Diana Mtairek

College of Education, Health, and Human Services

Master of Arts Linda Mroue Shadia Tekko

College of Engineering and Computer Science

Master of Science Cindy Chau Nguyen

Master of Science in Engineering Laura Rocio Elizondo Segura Qi Zhao

SCHOOL OF KINESIOLOGY

Founded in 1984, Ronald F. Zernicke, Dean

Master of Arts *Kinesiology*
Raven-Olivia Kellum

GERALD R. FORD SCHOOL OF PUBLIC POLICY

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

Master of Public Policy Colleen Elizabeth Campbell Caitlin Goddard

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Comments? Contact us at universitygraduateexercises@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 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!