



Winter Commencement

UNIVERSITY OF MICHIGAN

December 14, 2014

Crisler Center

WINTER COMMENCEMENT

UNIVERSITY OF MICHIGAN

December 14, 2014

2:00 p.m.

This program includes a list of the candidates for degrees to be granted upon completion of formal requirements. Candidates for graduate degrees are recommended jointly by the Executive Board of the Horace H. Rackham School of Graduate Studies and the faculty of the school or college awarding the degree. Following the School of Graduate Studies, schools are listed in order of their founding. Candidates within those schools are listed by degree then by specialization, if applicable.

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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

*PROCESSIONAL

Crown Imperial
Composed by Sir William Walton
The University of Michigan Commencement Band
Michael L. Haithcock
Conductor

*THE NATIONAL ANTHEM

The Star Spangled Banner
Alison Aquilina
Soloist
Senior, School of Music, Theatre & Dance

WELCOME AND INTRODUCTIONS

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

REMARKS ON BEHALF OF THE STUDENTS

Macy E. Houghtlin
Senior, College of Literature, Science, and the Arts

MUSICAL SELECTIONS

Plenty Good Room (On the Glory Train)
Composed by Kirby Shaw

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

The University of Michigan Men's Glee Club
Eugene C. Rogers, Director
Associate Director of Choirs

STATEMENT TO THE CLASS OF 2014

Mark S. Schlissel
President

CONFERRING OF HONORARY DEGREES

Mark S. Schlissel

Susanne Baer
Doctor of Laws

Charles F. Bolden Jr.
Doctor of Science

Ralph J. Cicerone
Doctor of Science

Hamilton O. Smith
Doctor of Science

COMMENCEMENT ADDRESS

Charles F. Bolden Jr.
Administrator, National Aeronautics and Space Administration (NASA)

PRESENTATION AND
HOODING OF DOCTORAL CANDIDATES
IN 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

BACCALAUREATE, MASTER'S, AND
OTHER DEGREES IN COURSE

The order of presentation of the schools and colleges is by the
year of founding:

Andrew D. Martin, *Dean, College of Literature, Science, and the Arts*

James O. Woolliscroft, *Dean, Medical School*
(represented by Associate Dean **Rajesh Mangrulkar**)

Mark D. West, *Dean, Law School*
(not represented)

Laurie K. McCauley, *Dean, School of Dentistry*

James T. Dalton, *Dean, College of Pharmacy*

David C. Munson, *Robert J. Vlastic Dean of Engineering, College of Engineering*

Monica Ponce de Leon, *Dean, A. Alfred Taubman College of Architecture
and Urban Planning*
(represented by Associate Dean **Milton Curry**)

Deborah Loewenberg Ball, *Dean, School of Education*

Alison Davis-Blake, *Edward J. Frey Dean of Business,
Stephen M. Ross School of Business*
(represented by Associate Dean **Lynn Wooten**)

Marie Lynn Miranda, *Samuel A. Graham Dean,
School of Natural Resources and Environment*

Christopher Kendall, *Dean, School of Music, Theatre & Dance*

Kathleen Potempa, *Dean, School of Nursing*
(represented by Associate Dean **Janean Holden**)

Martin Philbert, *Dean, School of Public Health*
(represented by Associate Dean **Jane Banaszak-Holl**)

Laura Lein, *Dean, School of Social Work*

Jeffrey MacKie-Mason, *Dean, School of Information*
(represented by Senior Associate Dean **Thomas A. Finholt**)

Gunalan Nadarajan, *Dean, Penny W. Stamps School of Art & Design*
(represented by Associate Dean **Elona Van Gent**)

Ronald F. Zernicke, *Dean, School of Kinesiology*

Susan M. Collins, *Joan and Sanford Weill Dean of Public Policy,
Gerald R. Ford School of Public Policy*

RECOGNITION OF GRADUATES

Mark S. Schlissel

CONGRATULATIONS

Janey Lack

Chair of the Board of Directors, Alumni Association

CLOSING

Martha E. Pollack

*THE ALMA MATER

The Yellow and Blue

Composed by Michael W. Balfé

The University of Michigan Commencement Band and the Audience
(see words on back cover)

*THE VICTORS

Composed by Louis Elbel

The University of Michigan Commencement Band and the Audience
(see words on back cover)

*RECESSIONAL

Proud Heritage

Composed by William Latham

The University of Michigan Commencement Band

Those who are able are asked to stand for the portions of the program asterisked (). At the conclusion of the program, the audience will please remain standing until the platform party has left the arena. This program will last approximately two hours.

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
Mark S. Schlissel	<i>ex officio</i>

EXECUTIVE OFFICERS

Mark S. Schlissel	<i>President</i>
Martha E. Pollack	<i>Provost and Executive Vice President for Academic Affairs</i>
Sally J. Churchill	<i>Vice President and Secretary of the University</i>
E. Royster Harper	<i>Vice President for Student Life</i>
S. Jack Hu	<i>Interim Vice President for Research</i>
Michael M.E. Johns	<i>Interim Executive Vice President for Medical Affairs</i>
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Douglas L. Strong	<i>Interim Executive Vice President and Chief Financial Officer</i>
Cynthia H. Wilbanks	<i>Vice President for Government Relations</i>
Susan E. Borrego	<i>Chancellor University of Michigan-Flint</i>
Daniel Little	<i>Chancellor University of Michigan-Dearborn</i>

DEANS

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>
James T. Dalton	<i>Dean, College of Pharmacy</i>
Alison Davis-Blake	<i>Edward J. Frey Dean of Business, Stephen M. Ross School of Business</i>
James L. Hilton	<i>University Librarian and Dean of University Libraries</i>
Christopher Kendall	<i>Dean, School of Music, Theatre & Dance</i>
Laura Lein	<i>Dean, School of Social Work</i>
Jeffrey MacKie-Mason	<i>Dean, School of Information</i>
Andrew D. Martin	<i>Dean, College of Literature, Science, and the Arts</i>
Laurie K. McCauley	<i>Dean, School of Dentistry</i>
Marie Lynn Miranda	<i>Samuel A. Graham Dean, School of Natural Resources and Environment</i>
David C. Munson	<i>Robert J. Vlasic Dean of Engineering, College of Engineering</i>
Gunalan Nadarajan	<i>Dean, Penny W. Stamps School of Art & Design</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</i>
James O. Woolliscroft	<i>Dean, Medical School</i>
Ronald F. Zernicke	<i>Dean, School of Kinesiology</i>

MARSHALS OF THE UNIVERSITY

Mika LaVaque-Manty

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

Valeria Bertacco

*Professor of Electrical Engineering and Computer Science
College of Engineering
Assistant Chief Marshal*

Robert M. Ortega

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

Leigh A. Woods

*Professor of Theatre and Drama
School of Music, Theatre & Dance
Assistant Chief Marshal*

HONORARY DEGREE HOODERS

Scott E. Masten

*Professor of Business Economics and Public Policy
Stephen M. Ross School of Business
Chair, Senate Advisory Committee on University Affairs*

Sally Oey

*Professor of Astronomy
College of Literature, Science, and the Arts
Vice Chair, Senate Advisory Committee on University Affairs*

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.

Richard Lee Aaron	Susan V. Brooks	James Stephen Diana
Daniel A. Ackerberg	Charles C. Brown	Gregory James Dick
Fred C. Adams	Miranda D. Brown	Ana V. Diez Roux
Vanessa Helen Agnew	Barbara L. Brush	Lisa Jane Disch
Arun Agrawal	Thomas C. Buchmueller	Amy K. Dittmar
Hyun-Soo Ahn	Charles Burant	Charles R. Doering
Christine A. Aidala	Margit Burmeister	Dana Dolinoy
Hashim M. Al-Hashimi	Daniel M. Burns, Jr.	R. Paul Drake
Evelyn Azeeza Alsultany	Nancy E. Burns	Luming Duan
Dante Eric Amidei	Chad Burrow	Izak Duenyas
Elizabeth S. Anderson	Kenneth M. Cadigan	Ruth E. Dunkle
Renee Anspach	Cleopatra Howard Caldwell	Jane E. Dutton
Thomas J. Armstrong	Nuria P. Calvet	Susan Marie Dynarski
Ellen M. Arruda	Scott D. Campbell	Allison Nancy Earl
Adda Athanasopoulos-Zekkos	Heather A. Carlson	Frieda Ekotto
Ella Marie Atkins	Matias Damian Cattaneo	Michael R. Elliott
Jinho Baik	Carlos E. Cesnik	John S. Ellis
Martha J. Bailey	Matthew R. Chapman	Phoebe C. Ellsworth
Rajesh Balkrishnan	Zhan Chen	Anthony W. England
Moulinath Banerjee	Nikolaos Chronis	Selim Esedoglu
Kevork B. Bardakjian	Timothy E. Chupp	Karen Bell Farris
Scott E. Barolo	Bernadine E. Cimprich	Eric R. Fearon
Bart Bartlett	Mark Allan Clague	Fred M. Feinberg
Michael Bastedo	William R. Clark	David O. Ferguson
Stuart Arthur Batterman	Roy Clarke	Daniel P. Ferris
Tomasz K. Baumiller	David K. Cohen	Jeffrey A. Fessler
Satinder Singh Baveja	Santiago Colas	Carol A. Fierke
Frederick D. Becchetti, Jr.	Juan R. Cole	Robert L. Fishman
Damian R. Beil	Patricia W. Coleman-Burns	Jason Nelson Flinn
Thore Jon Bergman	Matthew David Collette	Sergey Fomin
Luis P. Bernal	Michael Combi	Stephen R. Forrest
Valeria M. Bertacco	Terri Diane Conley	David A. Fox
Giorgio Bertellini	James W. Cook, Jr.	Robert J. Franzese, Jr.
Matthew Nicholas Biro	Liliana Cortes Ortiz	Richard A. Frazin
Julie Suzanne Biteen	Kai Schnabel Cortina	Donald Freeman
David Blaauw	Maria Cotera	Katherine L. French
Sara B. Blair	Gregg David Crane	Peretz P. Friedmann
Michael Lee Boehnke	Samantha Hayes Daly	Jianping Fu
Blaise Boles	Sandra K. Danziger	Ari Gafni
Claus Borgnakke	Michael K. Daugherty	Andreas Gailus
John Bound	Gerald Davis	Almantas Galvanauskas
Iain D. Boyd	Raymond G. De Vries	Diana R. Gannett
John P. Boyd	Alan V. Deardorff	Larry M. Gant
Ted Brader	Patricia J. Deldin	Charles Hiroshi Garrett
Thomas M. Braun	Philip J. Deloria	Vikram Gavini
Diann Erbschloe Brei	Jorge Delva	William J. Gehring
Charles L. Brooks III	Hui Deng	Anne Ruggles Gere

DISSERTATION CHAIRS

Arline T. Geronimus	Andrew John Hoffman	Cagliyan Kurdak
Jason E. Gestwicki	William F. Hosford, Jr.	Kenichi Kuroda
Eitan Geva	June M. Howard	Mark Kushner
Yogesh B. Gianchandani	Tailen Hsing	Francine Lafontaine
Daniel Mark Gilbert	Howard Hu	Stephane Lafortune
Brent Gillespie	Xianglei Huang	Jeffrey C. Lagarias
Margaret E. Gnegy	Vincent L. Hutchings	Richard M. Laine
Daniel Goldman	Dragan Huterer	David A. Lam
Tamas I. Gombosi	Berit Ingersoll-Dayton	Magdalene Lampert
Richard D. Gonzalez	Valeriy Y. Ivanov	Enrico Landi
Anthony Grbic	Christiane Jablonowski	Lisa M. Larkin
Peter F. Green	James S. Jackson	Larissa Susan Larsen
Thomas A. Green	Peter D. Jacobson	Scott D. Larsen
Arthur R. Greene	Hosagrahar V. Jagadish	Janet Louise Larson
Scott Edward Greer	Robert Jeffries Jagers	Kerry C. Larson
Linda K. Gregerson	Andrew W. Jennings	Ronald G. Larson
Joseph D. Grengs	Michael Jensen	Lisa Rose Lattuca
Derek Griffith	Eric Johnsen	Howard G. Lay
Linda N. Groat	J. Wayne Jones	Robert K. Lazarsfeld
Karl Grosh	Martha S. Jones	Sanghyun Lee
Anna Grzymala-Busse	John Jonides	Alaina Lemon
L. Jay Guo	James M. Joyce	Artemis Leontis
Lorraine M. Gutierrez	Dohoy Jung	Andrei A. Levchenko
Gottfried J. Hagen	Vesa M. Kaartinen	Marjorie Levinson
Kristina I. Hakansson	Roman Kapuscinski	Richard L. Lewis
David Halen	Stuart A. Karabenick	Jun Li
David M. Halperin	Sharon Kardia	Victor C. Li
Gary D. Hammer	Maria C. Katapodi	Jersey Liang
David J. Hancock	Webb Keane	Gerard J. Libaridian
Michele A. Hannoosh	Catherine Elizabeth H. Keegan	Victor B. Lieberman
Will Hansen	James W. Kibbie	Michael Warren Liemohn
Rebecca Hardin	John Kieffer	Nina Lin
David James Harding	E. Han Kim	Jennifer J. Linderman
Sioban D. Harlow	Jong-Jin Kim	Lynda Diane Lisabeth
Craig Harris	Patricia M. King	Roderick J. Little
A. John Hart	Emmanouil Kioupakis	Mingyan Liu
Kristin A. Hass	Daniel J. Klionsky	Mats Ljungman
Jarrold L. Hayes	Alexander D. Knysh	Rita Loch-Caruso
Kim F. Hayes	David H. Kohn	Kyger C. Lohmann
Xuming He	Michael Kokkolaras	David Lombard
Zhong He	Kader Konuk	Nancy G. Love
Margaret L. Hedstrom	Raoul Kopelman	Wei Lu
Julia C. Hell	Kenneth Michael Kozloff	Nicholas W. Lukacs
Alfred O. Hero III	Mayuram S. Krishnan	Jonathan E. Luntz
Freda Herseth	Karl M. Krushelnick	Arthur Lupia
Susan Brooks Herzog	Benjamin Kuipers	Stephen Lusmann
Allen Hicken	Anuj Kumar	Cindy Ann Lustig
James R. Hines, Jr.	Arthur D. Kuo	Scott Richard Lyons
Melvin Hochster	Carolyn Christine Kuranz	Scott Mahlke

DISSERTATION CHAIRS

Olga Yevgenyevna Maiorova	Long Nguyen	Lutgarde M. Raskin
Stephen Maldonado	Nathan A. Niemi	Elisha P. Renne
Ward B. Manchester IV	Zaneta Nikolovska-Coleska	Patricia A. Reuter-Lorenz
David Manley	Brian D. Noble	Paul W. Rhode
Anna K. Mapp	Douglas C. Noll	Bruce Richardson
Karen Markey	Anita Norich	Soo Young Rieh
Eric Charles Martens	Edward Colburn Norton	Keith Riles
William R. Martin	Patrick O'Brien	Jennifer E. Robertson
Joaquim R.R.A. Martins	Sally Oey	Terry E. Robinson
Marilyn Mason	Diarmaid O'Foighil	Pej Rohani
Tomoko Masuzawa	Jennifer P. Ogilvie	Richard B. Rood
Mario L. Mateo	Sheryl L. Olson	Mark Steven Rosentraub
Adam J. Matzger	Marie Sylvia O'Neill	Laura Marie Rozek
David M. Mayer	Annette Marie Ostling	Brandon Thomas Ruotolo
Jason Paul McCormick	Gabe E. Owens	Allison Murphy Ryan
Peggy S. McCracken	Jason D. Owen-Smith	Damon I. Salesa
Anne Jennifer McNeil	Daphna R. Oyserman	Brisa N. Sanchez
Barbara A. Meek	Bruce A. Palfey	Jeffrey Gene Sanchez-Burks
Mark E. Meyerhoff	Annemarie Sullivan Palincsar	Maria B. Sandkvist
Edgar Meyhofer	Riann Palmieri-Smith	Melanie Sanford
George Michailidis	Jwo Pan	Pramod Sangi Reddy
Radoslaw L. Michalowski	Panos Y. Papalambros	Kamal Sarabandi
David Miller	Vincent L. Pecoraro	Martin Friedrich Sarter
Jon Matthew Miller	Scott J. Peltier	Nadine B. Sarter
Kevin F. Miller	Huei Peng	Ramon Satyendra
Harry L.T. Mobley	Ivette Perfecto	Phillip E. Savage
Elizabeth B. Moje	Karen Eileen Peterson	Arlene W. Saxonhouse
John D. Monnier	Martin A. Philbert	Gerald Patrick Scannell
John Montgomery	David Pinsky	Michael C. Schoenfeldt
Bethany B. Moore	Kevin Patrick Pipe	Amy Jo Schulz
Deborah D. Moore	Scott Pletcher	Johannes W. Schwank
Regina Morantz-Sanchez	Thad A. Polk	Laura Scott
Cristina Moreiras-Menor	Tresa M. Pollock	Elizabeth L. Sears
Jeffrey D. Morenoff	David L. Porter	Benjamin M. Segal
Arden M. Morris	Kathleen Marie Potempa	Joann Sekiguchi
James D. Morrow	David S. Potter	Julia S. Seng
Richard M. Mortensen	Sara A. Pozzi	Orie Shafer
Ian S. Moyer	S. Sandeep Pradhan	Priti R. Shah
Rudolf Mrazek	Susan Jane Pressler	Matthew D. Shapiro
Erik A. Mueggler	Yopie Prins	Gavin Michael Shatkin
Bhramar Mukherjee	Aswin Punathambekar	Kerby A. Shedden
Sheila C. Murphy	Amiyatosh Kumar	Bright Sheng
Martin J. Murray	Purnanandam	Charles R. Shipan
Mircea Mustata	Andrew James Putnam	Stephen B. Shippy
Mary-Ann Mycek	Trivellore E. Raghunathan	Andrew J. Shryock
Philip Myers	Stephen W. Ragsdale	Max Shtein
Nadine C. Naber	Mina Raieszadeh	Tyler G. Shumway
Bin Nan	Peter A. Railton	Donald Jason Siegel
Mark E. Newman	Ayyalusamy Ramamoorthy	Susan L. Siegfried

DISSERTATION CHAIRS

Vanessa Sih	Thomas R. Trautmann	Michael E. Zieve
James P. Simmer	Armin W. Troesch	Marc A. Zimmerman
Adam Charles Simon	Anish Tuteja	Sebastian K. Zoellner
David Jacob Singer	Ctirad Uher	Genevieve Zubrzycki
Amitabh Sinha	Dale Ulrich	Thomas H. Zurbuchen
John Logan Skelton	Nicholas A. Valentino	Kathryn Zurek
Steven Skerlos	Bartholomeus Van Der Holst	
James Arthur Slavin	Anton Van Der Ven	
Joel B. Slemrod	Kristen J. Verhey	
Dean G. Smith	Arthur Mfw Verhoogt	
Jacqui Smith	Johannes Von Moltke	
Janet Smith	Anthony M. Waas	
Jeffrey Andrew Smith	Nils G. Walter	
Karen E. Smith	Hanes Walton, Jr.	
Joel A. Smoller	Kendall L. Walton	
Matthew Bryan Soellner	Henry Yee-Neen Wang	
Michael J. Solomon	Lu Wang	
Nancy Butler Songer	Lucretia M. Ward	
Ralf J. Spatzier	Gary S. Was	
Scott D. Spector	Jason B. Weinberg	
Paolo Squariti	Silke-Maria Weineck	
Srinivasaraghavan Sriram	Michael P. Wellman	
Allan C. Stam	David D. Wentzloff	
Kevin Michael Stange	John R C Wheeler	
Wayne E. Stark	John A. Whittier-Ferguson	
Duncan G. Steel	Andrzej Wierzbicki	
Anna G. Stefanopoulou	Gareth Williams	
Allison L. Steiner	Robert J. Willis	
George P. Steinmetz	Mark L. Wilson	
John R. Stemberge	Alan S. Wineman	
Corey Stephenson	Jean D. Wineman	
Dmitriy L. Stolyarov	Herbert Graves Winful	
Martin J. Strauss	Trisha Wittkopp	
Jing Sun	John P. Wolfe	
Veera Sundararaghavan	Milford H. Wolpoff	
Kathleen M. Sutcliffe	James H. Woods	
Michael Mark Alexander Sutton	Margaret S. Wooldridge	
Zeeshan Syed	Owen Wu	
Dennis Michael Sylvester	Sijue Wu	
Nathaniel Szymczak	Chuanwu Xi	
Shuichi Takayama	Yu Xie	
Twila Z. Tardif	Zhaohui Xu	
Jeremy M. Taylor	Zhen Xu	
Valeriy M. Tenishev	Elizabeth Yakel	
Nicola Terrenato	Dean Yang	
John Tesmer	Euisik Yoon	
Alexander George Roy Thomas	Alford A. Young, Jr.	
Richmond H. Thomason	Dimitrios Zekkos	
Katsuyo S. Thornton	Zhengya Zhang	
Michael Thouless	Junjie Zhu	

HONORARY DEGREE RECIPIENT



Photo Credit: Federal Constitutional Court of Germany

SUSANNE BAER

The Honorable Susanne Baer, Federal Constitutional Court of Germany justice and professor of public law and gender studies at Humboldt University of Berlin, is a highly respected scholar, teacher, and jurist. She chairs public law and gender studies at Humboldt and co-founded the university's Center for Transdisciplinary Gender Studies. The Berlin resident was born in Saarbrücken, Germany, studied law and political science at the Free University of Berlin from 1983 to 1987, and clerked in law offices, courts, and a civil rights organization before passing the bar exam in Berlin in 1991. She earned a master of laws degree (1993) from the University of Michigan and has taught comparative constitutional law in many places, including Linz, Austria; Budapest, Hungary; and Toronto, Canada. She also has been a regular and engaged visitor to the U-M Law School. A Humboldt University faculty member since 2002, Justice Baer directs Humboldt's Law and Society Institute and has served as vice president for academic and international affairs and as the law faculty's dean of academic affairs. She co-directs the Law in Context project at the Institute for Advanced Study in Berlin. Justice Baer works at the forefront of gender equality scholarship and law against all forms of discrimination internationally, advancing feminist legal theory with her teaching and prodigious writing. Publishing in English and German, she has proposed allowing women's groups to file suit against degrading pornographic subordination of women and men, and she has championed sexual harassment protection in the workplace. The casebook *Comparative Constitutionalism* (second edition, 2011), which she coauthored with colleagues from France, Hungary, Italy, and the United States, is one of two top casebooks in the field. She also wrote *Rechtssoziologie* (second edition, 2014), a pathbreaking textbook on interdisciplinary and critical legal studies. A popular and respected teacher, she brings an international perspective, personal warmth, and a sharp, analytical mind to the classroom. The German parliament elected Justice Baer to a 12-year term on the Federal Constitutional Court, the country's highest, in 2011. She is one of five women on the 16-member court and the court's first openly gay member. The Federal Constitutional Court rules on questions of constitutional law. The court hears all cases brought to it by individuals who believe their rights have been violated under the German constitution. Germany's federal government, states, members of parliament, and political parties also may bring cases before the court, which handles several thousand cases each year. Many have substantial political impact. A dedicated Michigan alumnus, Justice Baer maintains close ties to the University and inspires students, faculty, and fellow alumni in the United States and Europe. She also has created opportunities for U-M Law School graduates to clerk at the Federal Constitutional Court of Germany.

Justice Baer, as an internationally renowned scholar of comparative constitutional law and gender studies, feminist thought leader, academic administrator, public servant, and University alumnus, you exemplify Michigan's unequivocal commitment to international and interdisciplinary scholarship and to social justice and the common good. You are a role model for students, other scholars, and all those who aspire to make the world a better, fairer place. In recognition of your myriad contributions, the University of Michigan is proud to present to you the honorary degree, Doctor of Laws.

HONORARY DEGREE RECIPIENT



CHARLES F. BOLDEN JR.

Major General Charles F. Bolden Jr., U.S. Marine Corps (retired), the 12th administrator of the National Aeronautics and Space Administration (NASA), and first African American to serve in that role, has excelled at the forefront of America's space program for more than three decades. A veteran of four spaceflights, he logged over 680 hours in space between 1986 and 1994. He commanded two missions, including the first U.S. space shuttle with a Russian cosmonaut as a crew member, and piloted the space shuttle *Discovery*, which deployed the Hubble Space Telescope in 1990. A resident of Alexandria, Virginia, Major General Bolden was born in Columbia, South Carolina. As a youth, he was enthralled by the adventures of fiction hero Buck Rogers and inspired by Dr. Martin Luther King, Jr., and other civil rights leaders. After earning a B.S. degree (1968) in electrical science from the U.S. Naval Academy, he was commissioned a second lieutenant in the Marine Corps. He flew more than 100 combat missions in Southeast Asia in 1972 and 1973. Upon returning to the United States, he earned an M.S. degree (1977) in systems management at the University of Southern California, trained at the Naval Test Pilot School, and was a pilot at the Naval Air Test Center's Systems Engineering and Strike Aircraft Test Directorates prior to becoming an astronaut in 1980. Among his many roles at NASA, Major General Bolden served as technical assistant to the director of Flight Crew Operations, chief of the Safety Division at the Johnson Space Center, lead astronaut for vehicle test and checkout at the Kennedy Space Center, and assistant deputy administrator. In 1994, he returned to active duty with the Marine Corps, where he served as deputy commandant of midshipmen at the Naval Academy, commanding general of the 1st Marine Expeditionary Force Forward, deputy commander of U.S. Forces in Japan, and commanding general of 3rd Marine Aircraft Wing at the Marine Corps Air Station Miramar in California. Major General Bolden retired from the Marine Corps in 2003, having served 34 years. He received the Defense Superior Service Medal and the Distinguished Flying Cross, among other honors, and was inducted into the U.S. Astronaut Hall of Fame in 2006. He was chief executive officer of the consulting firm JackandPanther LLC prior to being appointed NASA administrator in 2009. Under his leadership, NASA has landed a Mars rover, launched a spacecraft to Jupiter, and enhanced Earth-observing satellites. NASA also is progressing toward manufacturing a new generation of U.S.-made vehicles to travel to the International Space Station by 2017 and is slated to launch the James Webb Space Telescope in 2018. Major General Bolden courageously speaks about disparities in education, health, income, and employment and, in 2003, was among those who supported U-M in the *Grutter v. Bollinger* and *Gratz v. Bollinger* affirmative action lawsuits before the U.S. Supreme Court.

Major General Bolden, you have been an exemplar of leadership and courage throughout your illustrious career as a public servant. You also are admired and respected for your unwavering support of diversity, social justice, and programs that encourage students to study science, technology, engineering, and mathematics. In recognition of your significant contributions to national defense, science, and space exploration, and the stellar example of achievement you provide for others, the University of Michigan is proud to present to you the honorary degree, Doctor of Science.

HONORARY DEGREE RECIPIENT

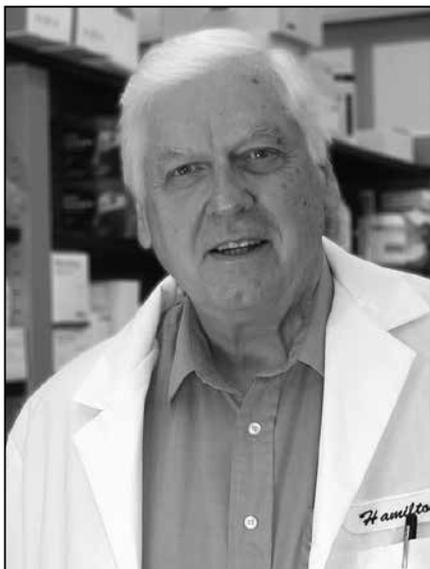


RALPH J. CICERONE

Ralph J. Cicerone, president of the National Academy of Sciences (NAS) and one of the world's foremost atmospheric scientists, has made fundamental contributions to the understanding of greenhouse gases and ozone depletion in the Earth's stratosphere. He often testifies before Congress and advises U.S. presidential administrations on scientific issues, answering complex questions with aplomb and skill. Dr. Cicerone was born in New Castle, Pennsylvania, and earned a B.S. degree (1965) in electrical engineering from the Massachusetts Institute of Technology and an M.S. degree (1967) and a Ph.D. (1970) in electrical engineering (minor in physics), both from the University of Illinois, Champaign-Urbana. A U-M researcher in electrical engineering from 1970 to 1978, he and colleague Richard Stolarski identified chlorine's impact on the Earth's ozone layer in 1973, a research milestone cited in the 1995 Nobel Prize in chemistry awarded to F. Sherwood Rowland and Mario Molina. Dr. Cicerone has contributed to scientists' understanding of the role of trace gases and sources of atmospheric methane, nitrous oxide, and methyl halide gases in climate change. He served as a research chemist at the Scripps Institution of Oceanography at the University of California, San Diego from 1978 to 1980 and as a senior scientist and director of the Atmospheric Chemistry Division at the National Center for Atmospheric Research in Boulder, Colorado from 1980 to 1989, before being appointed the Daniel G. Aldrich Professor at the University of California, Irvine. He founded the university's Department of Earth System Science, which he chaired from 1989 to 1994. The department's researchers have earned high rankings through their analyses of atmospheric, oceanic, terrestrial, and climate issues while involving hundreds of graduate and undergraduate students in the research. Dr. Cicerone served as dean of Irvine's School of Physical Sciences from 1994 to 1998 and as chancellor from 1998 to 2005. He led the 2001 NAS climate study confirming the role of human activities in global warming and was elected NAS president and chair of the National Research Council in 2005. The NAS has provided independent, objective advice to the nation on scientific matters and technology since 1863. Dr. Cicerone also is a member of the American Academy of Arts and Sciences and American Philosophical Society as well as the Accademia Nazionale dei Lincei, the Russian Academy of Sciences, the Korean Academy of Science and Technology, and the Royal Society, among others. He is a trustee of the Carnegie Corporation of New York and past-president of the American Geophysical Union (AGU). Among many honors, he has received the AGU's James B. Macelwane Award and Roger Revelle Medal, the Franklin Institute Bower Award and Prize for Achievement in Science, the World Cultural Council Albert Einstein World Award in Science, and the United Nations Environment Program Ozone Award. U-M established the Ralph J. Cicerone Distinguished University Professorship of Atmospheric Science in his honor in 2007.

Dr. Cicerone, in a long and distinguished career as a scientist and academic leader you have made pioneering contributions to our understanding of climate change and to science and environmental policy. A visionary and consensus builder, you work with scientists and policymakers to meld scientific discovery and sound public policy, all while asking and answering challenging and at times contentious research questions with great integrity and courage. The University of Michigan is proud to present to you the honorary degree, Doctor of Science.

HONORARY DEGREE RECIPIENT



HAMILTON O. SMITH

Hamilton O. Smith, distinguished professor at the J. Craig Venter Institute, adjunct professor of medicine at the University of California, San Diego School of Medicine, and winner of the 1978 Nobel Prize in Medicine, has worked on the cutting-edge of modern biology for more than half a century. He, along with Werner Arber and Daniel Nathans, received the Nobel Prize for discovering restriction enzymes and their application to problems of molecular genetics. Restriction enzymes, which act like molecular scissors to cut deoxyribonucleic acid (DNA), have enabled researchers to elucidate the structure and coding of DNA molecules, construct genetic maps of organisms, and pursue treatments for genetic illnesses. Born in New York City, Dr. Smith received an A.B. degree (1952) in mathematics at the University of California, Berkeley and M.D. (1956) from Johns Hopkins University. He interned at Barnes Jewish Hospital in St. Louis, Missouri, served two years in the Navy, and completed his medical residency at Henry Ford Hospital in Detroit. In 1962, with National Institutes of Health support, he began his research career as a postdoctoral fellow in U-M's Department of Human Genetics, working with the late Professor Myron Levine on a series of studies demonstrating the sequential action of P22 C-genes, which controlled lysogenization, the process by which a bacterium acquires a phage that becomes integrated into its genome. In 1965, they discovered the gene controlling prophage attachment, now known as the *int* gene. Dr. Smith joined the Hopkins faculty in 1967, where he discovered the first type II restriction enzyme and determined its cleavage site. In 1975 and 1976, he collaborated with Max Birnstiel at the University of Zurich in Switzerland on histone gene arrangement and sequence. In 1995, Dr. Smith collaborated with the Institute for Genomic Research team that sequenced the first genome of a self-replicating, free-living organism—the *Haemophilus influenzae* bacterium. The team demonstrated that random “shotgun” sequencing, using computational software to assemble short overlapping DNA fragments, could be applied to whole genomes. The method has been used to sequence the genomes of many other organisms. Dr. Smith joined Celera Genomics Corporation in 1998, where he participated in sequencing of the fruit fly and human genomes. He left Celera in 2002 to become part of the J. Craig Venter Institute. As the institute's scientific director of synthetic biology and bioenergy, Dr. Smith works with his team of scientists to design, build, and test synthetic bacterial genomes. In 2010, the institute announced it had created the first bacterial cell running entirely from a chemically synthesized genome. Among other accolades, Dr. Smith has received a Guggenheim Fellowship and was inducted into U-M's Medical Center Alumni Society Hall of Honor in 2006.

Dr. Smith, as an internationally acclaimed microbiologist, you sparked and have helped shape the fields of genomics and molecular genetics with your brilliant research, from discovering restriction enzymes and developing more efficient genomic sequencing methods to creating the first synthetic cell. Your scientific insights inspire young people, fellow scientists, and the public while offering hope to families suffering from genetic diseases and to all who look forward to a world powered by clean, abundant biofuel. The University of Michigan is proud to present to you the honorary degree, Doctor of Science.

UNIVERSITY FLAGS AND FLAG BEARERS

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	Carissa F. Flocken
Medical School	Danielle Dougherty
Law School	Joseph Molina Flynn
School of Dentistry	<i>not represented</i>
College of Pharmacy	Meghan Elizabeth Breen
College of Engineering	Natalie Suzanne Eyke
Horace H. Rackham School of Graduate Studies	M. Taylor Haynes II
A. Alfred Taubman College of Architecture and Urban Planning	Tolulope Olorode
School of Education	Stefan Michael Turcic II
Stephen M. Ross School of Business	Jiani Xiong
President's flag	<i>on stage</i>
University flag	<i>on stage</i>
Regents' flag	<i>on stage</i>
School of Natural Resources and Environment	Kenneth A. Johnson
School of Music, Theatre & Dance	Deanna "Dee" Tomasetta
School of Nursing	Meghan Catherine Clarke
School of Public Health	Carley Flanery
School of Social Work	Michael Joiner-Hill
University of Michigan-Flint	Zena Elkady
University of Michigan-Dearborn	Dale Couey
School of Information	Joshua Ethan Sanchez
Penny W. Stamps School of Art & Design	Arlene Zhao
School of Kinesiology	Tyler Hunter Kring
Gerald R. Ford School of Public Policy	Sean Wahl

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.

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.

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.

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 Ross 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 for 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. A candidate is listed alphabetically by degree, and in some cases also by field of specialization, under the school or college which awards the degree. In the commencement ceremony, candidates are presented in the order of which their respective schools or colleges were founded.

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

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

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

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

Doctor of Philosophy

- Seungjun Ahn**, Field of Specialization: Civil Engineering. Dissertation: Construction Workers' Absence Behavior Under Social Influence.
- James Earl Atkinson**, Field of Specialization: Political Science. Dissertation: Signals, Channels, and Political Connections in Government Disaster Response.
- Seyram Avle**, Field of Specialization: Communication. Dissertation: Media, Technology, and the Global Technoclass: Case Studies from Ghana.
- Amy E. Baek**, Field of Specialization: Molecular and Integrative Physiology. Dissertation: Transcriptional and Translational Regulation of the Ectoenzyme CD39 and its Role in *In Vivo* Thromboregulation.
- Jonggyu Baek**, Field of Specialization: Biostatistics. Dissertation: Statistical Models to Assess Associations between the Built Environment and Health: Examining Food Environment Contributions to the Childhood Obesity Epidemic.
- Sutirtha Bagchi**, Field of Specialization: Business Administration. Dissertation: Three Essays in Public Finance and Regulation.
- Brett J. Baker**, Field of Specialization: Geology. Dissertation: Harnessing Omic Approaches to Understand How Carbon, Nitrogen, and Sulfur Cycling are Partitioned in Deep Sea and Sediment Microbial Communities.
- Erin Baribeau**, Field of Specialization: Political Science. Dissertation: Taxpayers and Homeowners, Forgotten Men, and Citizen-Workers: Theorizing Conservative Egalitarianism.
- Christopher A. Barnes**, Field of Specialization: English Language and Literature. Dissertation: Reading Methodist Characters the Figure and Politics of Popular Evangelicalism in American Fiction, 1790–1860.
- Carolyn Yvette Barnes**, Field of Specialization: Public Policy and Political Science. Dissertation: Political Learning Revisited: How Nonprofit Service Provision Shapes Political Participation Among the Poor.
- Scott Barraza**, Field of Specialization: Medicinal Chemistry. Dissertation: Development of Novel Small Molecule Inhibitors of Neurotropic Alphavirus Replication.
- Anna A. Belak**, Field of Specialization: Materials Science and Engineering. Dissertation: First Principles Modeling of the Thermodynamic and Kinetic Properties of Anatase Li_xTiO_2 and the Ti-Al Alloy System With Dilute Vacancies.
- Steffen Bernard**, Field of Specialization: Chemical Biology. Dissertation: Structural Investigation of the Substrate Specificity of Offloading and Sugar Methylation in Macrolide Biosynthesis.
- Paul Bierdz**, Field of Specialization: Physics. Dissertation: Measuring the Orbital Angular Momentum of Light with Time Mapping and Using it to Probe Higher Dimensional States.
- Meghan Elizabeth Breen**, Field of Specialization: Medicinal Chemistry. Dissertation: Substrate-Competitive Inhibitors of c-Src Kinase.
- Sasha Brodsky**, Field of Specialization: Business Administration. Dissertation: Two Essays on Medicaid Dental Care Coverage.
- Ariel Ray Brumbaugh**, Field of Specialization: Microbiology and Immunology. Dissertation: The Yersiniabactin System is a Uropathogenic *Escherichia coli* Virulence Factor and Novel Vaccine Target to Prevent Urinary Tract Infection.
- Alexander Michael Bryan**, Field of Specialization: Atmospheric, Oceanic and Space Sciences. Dissertation: Climate and Chemistry Modeling of Forest-atmosphere Feedbacks in the Great Lakes Region.
- Brian A. Burt**, Field of Specialization: Higher Education. Dissertation: The Influence of Doctoral Research Experiences on the Pursuit of The Engineering Professoriate.
- Basak Çandar**, Field of Specialization: Comparative Literature. Dissertation: Representing Censored Pasts: State-Violence in Twentieth Century Turkish and Spanish Literature.
- Clinton Pierce Carlson**, Field of Specialization: Civil Engineering. Dissertation: Assessment of the Effects of Ground Motion Modification on Ground Motions and Seismic Response of Geotechnical Systems.
- Nathaniel Ward Carroll**, Field of Specialization: Health Service Organization and Policy. Dissertation: Access to Capital and Multihospital System Membership in the U.S. Hospital Industry.
- Kelsey King Carter**, Field of Specialization: Chemistry. Dissertation: Streamlined Gelator Discovery through the Analysis of Intermolecular Interactions in the Solid State.

Doctor of Philosophy

- Tyler Joseph Carter**, Field of Specialization: Chemistry. Dissertation: Metal Mediated Reduction of Borazines for the Regeneration of Boron-Nitrogen Hydrogen Storage Materials.
- Ben-Alexander Barbier Cassell**, Field of Specialization: Computer Science and Engineering. Dissertation: Scaling Empirical Game-Theoretic Analysis.
- Chia-Hsiang Chen**, Field of Specialization: Electrical Engineering. Dissertation: Low-Power and Error-Resilient VLSI Circuits and Systems.
- Yu-Chih Chen**, Field of Specialization: Electrical Engineering. Dissertation: Comprehensive Single Cell Microfluidic Chips for the Study of Cancer Cell Heterogeneity and Metastasis.
- Shanshan Cheng**, Field of Specialization: Bioinformatics. Dissertation: Delineating Structural Characteristics of Viral Capsid Proteins Critical for Their Functional Assembly.
- Jang Hwan Cho**, Field of Specialization: Electrical Engineering–Systems. Dissertation: Improving Statistical Image Reconstruction for Cardiac X-ray Computed Tomography.
- Nishaant Choksi**, Field of Specialization: Anthropology. Dissertation: Scripting Autonomy: Script, Code, and Performance among Santali Speakers in Eastern India.
- Johan Chu**, Field of Specialization: Business Administration. Dissertation: Durable Dominance.
- Patricia Maye Clark**, Field of Specialization: Nursing. Dissertation: Cognitive Function in Post-Menopausal Women with Breast Cancer Treated with Aromatase Inhibitors.
- W Graham Claytor VI**, Field of Specialization: Greek and Roman History. Dissertation: Mechanics of Empire: the Karanis Register and the Writing Offices of Roman Egypt.
- Genevieve Ardouin Creedon**, Field of Specialization: Comparative Literature. Dissertation: Worlds of Wonder: National Parks, Zoos, Disney, and the Genealogies of Wonder in U.S. Culture.
- Jamein Pernell Cunningham**, Field of Specialization: Economics. Dissertation: Essays on Economics of Law, Crime, and Social Capital.
- Carlos Alex Di Stefano**, Field of Specialization: Applied Physics. Dissertation: Experimental Hydrodynamic Instability at High Energy Density.
- Racquel Domingo-Gonzalez**, Field of Specialization: Immunology. Dissertation: Epigenetics and Cyclooxygenase-2 Mediate Dysfunction in Alveolar Macrophages and Polymorphonuclear Neutrophils Post-bone Marrow Transplantation.
- Jessica Donehue**, Field of Specialization: Chemistry. Dissertation: Plasmon-Enhanced Fluorescent Protein Emission: A New Paradigm for Improved Single-Molecule Bio-Imaging.
- Conor Harreld Doss**, Field of Specialization: Chemical Biology. Dissertation: Dissecting the Roles of the Transcriptional Coactivator p300 Regulating the Oncogenic Self-Renewal Gene *NANOG*.
- Andria Bernacchi Eisman**, Field of Specialization: Health Behavior and Health Education. Dissertation: Organized Activity Participation and Positive Youth Development: Trajectories and Mechanisms.
- Michael Thomas Febbraro**, Field of Specialization: Applied Physics. Dissertation: A Deuterated Neutron Detector Array for the Study of Nuclear Reactions with Stable and Rare Isotope Beams.
- Dena Marie Fernandez**, Field of Specialization: Nursing. Dissertation: Health Literacy and Related Psychosocial Factors and Measurement Issues: A Qualitative Study and a Secondary Analysis of the Health and Retirement Study.
- Dusty Rae Filliung**, Field of Specialization: Nursing. Dissertation: Functional Capacity and Functional Performance in Peripheral Arterial Disease: A Multigroup Analysis.
- Nicolas Fougere**, Field of Specialization: Atmospheric, Oceanic and Space Sciences. Dissertation: The Complex Outgassing of Comets and the Resulting Coma, a Direct Simulation Monte-Carlo Approach.
- Siddharth Gaba**, Field of Specialization: Electrical Engineering. Dissertation: Resistive-RAM for Data Storage Applications.
- Sarah Rebecca Gerck**, Field of Specialization: Music Musicology. Dissertation: Away o'er the Ocean Go Journeymen, Cowboys, and Fiddlers: The Irish in Nineteenth-Century American Music.
- Garrett Scott Gibbons**, Field of Specialization: Molecular and Cellular Pathology. Dissertation: The Histone Methyltransferase DOT1L: Discovery of Small-Molecule Inhibitors and its Role in Wnt Signaling.

Doctor of Philosophy

- Michael Steven Gideon**, Field of Specialization: Economics. Dissertation: Survey Measurement of Income Tax Rates.
- Alisa Glukhova**, Field of Specialization: Chemical Biology. Dissertation: Structure and Function of Lysosomal Phospholipase A2 and Lecithin: Cholesterol Acyltransferase.
- Joseph Maxwell Golden**, Field of Specialization: Economics. Dissertation: Essays on Labor Economics and Advertising Auctions.
- Jason E. Good**, Field of Specialization: Natural Resources and Environment. Dissertation: Sensemaking at Sea: How Alaskan Fishing Captains Interrelate with Natural Systems.
- Kanika Alake Harris**, Field of Specialization: Health Behavior and Health Education. Dissertation: Who Will Care For Me? HIV-Positive Mothers of Color, Social Support, Family Factors, and Retention in Care.
- Lingli He**, Field of Specialization: Civil Engineering. Dissertation: Impact of Fine-Scale Spatially Heterogeneous Canopy and Soil Moisture, and Three-Dimensional Root Water Uptake on Large-Scale Energy Fluxes in Vegetated Environments.
- Zhaohan He**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Laser Wakefield Acceleration Using Few-millijoule Laser Pulses at Kilohertz Repetition-Rate.
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Michael Mendoza Manzano	Zachary Matthew Rose	Wenjia Wang
Simon Avinoam Margolis	Samantha Rosen	Xinyue Wang
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Margaret Olivia McClain	Molly Frances Ryan	Matthew Sam Ward
Nolan Ronald McClain	Sarah Elizabeth Rybak	Eric Taylor Wasser
James Rennie McDowell	Ellen Catherine Sachs	Ray Elka Waters
Kelly Ann McGraw	Nolan Chen Peng Santosa	Jordan Michell Weikart
Jill Catherine McLain	Elliot J. Sapala	Jillian Rose Wernette
Nelida Melchor	Thomas Lawrence Sardelli	Kelli Lynn Wetherhold
Lucas Joel Mickelson	Marti Fallon Satnick	Polly Marie Whitmore
Nathan Luis Milety	Roderick Dewain Levi Satterwhite	Michael Thomas Wilen
Collin James Miller	Emily Elizabeth Schell	Aston Williams

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Bachelor of Arts

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 Sharon Xiaoyun Yang
 Kelli Lynn Yapp

Stephen Gerard Yaros
 Jaejin Yoon
 Haoran Zhang
 Zhao Zhang
 Boya Zhao

Yijia Zhou
 Jay Zhou
 Kaitlin Maria Zolna

Bachelor of Science

Caleb Gregory Abbott
 Ponnu Elsa Abraham
 Joseph Aaron Abrams
 Cara Grace Adelson
 Dila Akyol
 Ahmed Ali Al-Asadi
 Eman Mugbel Al-Kahali
 Arfah Anjum
 Michael Eugene Aronov
 Michael James Bacon
 Timothy Butsunzu Barasa
 Antonio Richard Barron
 Jessica Ann Begley
 Brian Nathan Bellville
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 Emily Grace Dingwell
 Alexas Leigh Dolbee
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 Diana Stacey Goldberg
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 Zoe Chelsea Danielle Gonsalves
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 Daqian Jiang
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 Saabir Bashir Kaskar
 Leena Katherine Kasmikha
 Micah Carroll Katz
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COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Bachelor of Science	Evan Moss Amanda Rose McCaskey William Reid Munroe Keith Nicholas Myers Gilad Michael Naamani Kahlin Naidoo Rachel Nelson Bianca Khanh-Linh Nguyen Liyang Nie Armin Nikkhah Shirazi AnneMarie Elizabeth Opirari Brandon Curtis Overhiser Erin Elizabeth Page Damie Pak Jaimie Elizabeth Pallett Louis James Paparella Kelsey June Pape Michelle Passater Tulsi Jagdish Patel Sumedha Ramu Pramod Lauren Elizabeth Pratt James Pudar Zhu Qin Shria Raghunathan Martin Garland Randall Natalie Anne Ranger Jeffrey David Rizik William Benjamin Rogers John Zhen Rose Crystal Wancheng Rui	Corey James Runsat Zachary Bryon Salander Jeffrey M. Sarazin Anjali Nicole Sarver Michael Joseph Selesko Hyun Ju Seo Ishani M. Shah Kun Shao Taylor Rae Sharp Wotong Shen Xincheng Shen Stan Shin Connor Flynn Shope Ankur Singal Duncan Patrick Smith Joshua Phillip Spiegel Alexandra Nicole Steele Daniel T. Stephenson Austin Mark Stevens John Paul Sturgis David Christian Suckstorff Stella Maria Sunstein Kevin Thomas Sutter Nadia Ann Syed Lukose Kurien Thampy Matthew Brandon Thomas Jonathan Richard Timma Maja Tosic Quincy-Hoang Van Tran Nilam R. Trivedi	Leni Truong Kersten Fitzgerald Twohey Evran Ural Allison Vogel Grant Cooper Waddell Sachintha Kumudith Wadumesthrige Huan Wang Jiarui Wang Yaxiong Wang Denzel Raymond Warren Ryan Michael Wawrzaszek Shelby Marie Wehner Clayton Smith Wheeler Cassidy Lynn Winter Alexander Gerard Wong William V. Wood Matthew Robert Wrobel Alexander Wu Allen Y. Wu Margaret Wu Shijie Xue Zijiang Yang Weixiang Zhang Yun Zhang Scarlett Zhang Ruolin Zhao Wei Zhu Michael James Zimmerman Jonathan Saher Zora
Bachelor of Science in Chemistry	Joshua B. McManus	Ryan J. Ridella	

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Bachelor of Science	Kelly Deanna Copley	Jihad J. Komis	Sydney Olivia Salley

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Recommended jointly by the school faculty and the Executive Board of the Graduate School

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	<i>Lesbian/Gay/Bisexual Transgender Queer Studies</i> Jamie Louise Budnick		
Master of Arts	<i>American Culture</i> Stefan Blomgren Aune	Eunyoung Lee Jiani Liang Chinmay Mahesh Maheshwari Kristine Sun Gregory James Trowbridge Tingting Wang Ruyi Zhao	<i>English Language and Literature</i> Jennifer Alzate Jamie Lauren Carter Derek Tyler Frasure Mika Kennedy Charisse N. Willis
	<i>Anthropology</i> Aleksandr V. Sklyar		
	<i>Applied Economics</i> Aparajita Bijapurkar Daniel Christopher Borling II Saranya Chongrungruang Zeid S. El-Kilani Joseph Henry Head Jie Hou Wei-Chen Huang John Ruben Huck Yue Jin Byung Jae Kang Soomin Kang Saruul Khasar Tiange (Skyla) Li Aditi Venkateswar Moorthy Julian Radlinger Keyu Wu Qi Wu Xueyan Wu Yuanhao Zhai	<i>Asian Studies: China</i> Joseph Lawrence Burkhead	<i>Germanic Languages and Literatures</i> Catherine Combes
		<i>Classical Art and Archaeology</i> Elina Marjaana Salminen	<i>History</i> Erin Elizabeth Null
		<i>Classical Studies: Greek</i> Michael Stevens Leese	<i>Modern Middle Eastern and North African Studies</i> Jay Gerard Figurski
		<i>Economics</i> Alecia Waite Cassidy Traviss Michael Cassidy Jaron M. G. Cordero Benjamin Michael Glass Steven Daniel Hamilton Sui-Jade Ho Regine G. R. Lucasan Dimitrije Ruzic Richard Williston Ryan Evan James Taylor Yiyuan Zhang	<i>Near Eastern Studies</i> Abdulkarim Saeed Alamry
			<i>Philosophy</i> Anna K. Edmonds
			<i>Political Science</i> David Alexander Peffer
			<i>Sociology</i> Nicolaus Ray Espitia
			<i>Statistics</i> Bo Zhang
Master of Science	<i>Chemistry</i> Jonathan Caird Bennion Amy Lynne Bondy Ananya Dutta Daniel James Gardner Benjamin Michael Klepser Anisha Shakya Zheng Zheng	<i>Ecology and Evolutionary Biology</i> Kevin Bakker Paul Robert Glaum Sahar Haghighat Mauricio Santos Vega Jeff Shi Alexander Brook Taylor Pascal Olivier Title	<i>Mathematics</i> Khaled Aljanaideh Mahesh Ganesan Hong Yoon Kim Yang Liu Abhinav Sinha
		<i>Geology</i> Carli Anne Arendt	<i>Psychology</i> Alice Huiting Doong Rosanne Jocson

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Cellular Biotechnology
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Master of Science

Bioinformatics
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Kevin Meng
Ryan Nathan Ptashkin

Biological Chemistry
Anna Ganos
Nathan Raynard

Cellular and Molecular Biology
Ritesh KC
Andrew Polzin

Microbiology and Immunology

Manal Solayman Monshi
Troy Justin O'Neal

Neuroscience

Magdalena Sikora

Pharmacology

Aaron Michael Chadderdon
Namit Lal
Chaitra Madiyal
Rakhi Pradeep Modak

Katherine Elizabeth Ross
Fahmeeda Tabassum
Matthew Evan Zaks

Physiology

Nilofar Behbahani-Nejad
Alison Nicole Lunau

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Juris Doctor

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Zachary James Anderson
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Kate Barry
Brittany Alexis Marie Berckes
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Chas Thomas Mather
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McInerney
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Misha E. Ross
Santiago Rubio
Truan Neve Eperon Savage
Daniel Justin Schaffer
Alexandra Heather Schiffrin
Kathryn Sorensen Schoff

LAW SCHOOL

Juris Doctor

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Asa Frank Smith
Kathryn Elizabeth Staples
Emiko Catherine Suzuki
Cory Szczepanik
Andrea Marie Taylor

Shanti Suzanne Tharayil
Sarah L. Thompson
Julia Kaplan Toce
Jennifer Leigh Utrecht
Breanna Lee Enger Van Engelen
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Nathaniel Fuller West
Daniel R. Wojciak
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Lynn Zheng

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Master of Science

Dental Hygiene
Iwonka Theresa Eagle
Heather Lynn Messenger

Pediatric Dentistry
Kristin Kay Auer
Kara Kimberly Jo Banner

Nickie Rose Hosseini
Jonathan Hung
Hiba Faisal A. Kattan
Stephanie J. Kloostra

Periodontics
Jia Chang

Prosthodontics

Areej Ibrahim M. Al Hawarini
Abdulaziz Fahad A. Binrayes

Restorative Dentistry

Solafah Trabzouni

COLLEGE OF PHARMACY

Founded in 1876, James T. Dalton, Dean

Doctor of Pharmacy

Matthew N. Lau

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Master of Science

Medicinal Chemistry
Will P. Kaplan
Elizabeth Perkins Rowland-Fisher

Pharmaceutical Sciences
Kanokwan Sansanaphongpricha

COLLEGE OF ENGINEERING

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

Bachelor of Science in Engineering

Aerospace Engineering

Ammar Mohamed Abbas
Yoav Israel do Amaral
Robert Earl Carver
Ruiqi Chen
Andrea Day
Christopher Allen Frasson
Kruvashen Govender
Kohei Harada
Robert Philip Humphrey
Michael Elliott Kaplan
Daewoon Kim
Isobel Deborah Kraft
Brian Edward Kulwik
Hangi Timothy Lee
Jerry C. Lin
Ryder Liu
Christian Peter Merkel
Shubhankar Mohan
Justin Pung
Anil Kumar Salgar
Paul Michael Sholtis
Matthew Christopher Stone
Erek Nicholas Walker
Adam Kristian Weber
Michael John Willette
Scott Wilson
Eric Iren Zhang
Qiming Zhong

Biomedical Engineering

Justin Lee Gasparovich
Dillon Conrad Karg
Xerxes Sarrafan Sanii

Chemical Engineering

Jay Victor Antonishen
Keith Justin Arlotta
Amanda M. Ashworth
Tyler Douglas Berghorst
Emma Marie Betzig
Michael Brian Bianchi
Marjorie Michelle Bridgewater
Michael Paul Carpenter
Ching Shen Chan
Junhe Chen
Daniel Lee Cohen
Aleksandra Louise Czubko
Lauren Nicole Deneszczuk
Natalie Suzanne Eyke
Brian Ivan Farhadi
Matthew Asghar Farhadi
Yuting Gao
Brett Thomas Giampa
Cheyanne Renee Goings
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Qaboos Imran
Baiquan Jiang
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Sarah Elizabeth Kistler
Steven Clay Knier
James William Koepke III
Cristina K. Koss
Thomas Edward Kuchta
Olivia Kullmann
Ryan Elizabeth Moody
Adam Nicholas Nagel
Jonathan Thien Nguyen
Raj Ravi Patel
Jackie Irene Ruth Priestley
Seyed Reza Roghani Esfahani
Justin Evan Smolarek
Scott William Spangler
Michael Duane Speight, Jr
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Wincent Tandar
Arianna Therese Touse
Tyler Scott Van Es
Daniel Michael Vredenburg
Michael James Ward
Krystal Anne-Marie Wegrzyn
Andrew Scott Weiss
Wendra Wongsaputra
Jacob Michael Sanborn Wood
Jan Wu
Su Min Yang
Steven Garrett Zatzke

Civil Engineering

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Ning Ding
Jackson Evan Frederick
Eleesha Rose Green
William Kirby Kenny
Nicholas James Lewin
Peter Charles Lind
Charles A. McDonald II
Tyler Drew Patrick
Astrid Rivero Santiago
Bryan Jeffrey Smith
Trevor Hart Towery
Yuchen Zhang

Computer Engineering

Aaron James Bretz
John Koons Byrne
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Jaya Elizabeth Joseph
Nicholas K. Jurgens
Ketan Krishna Murthy

Jeffrey Ryan Peil
Kyle Yan
Joshua Richard Young

Computer Science

Yoav Israel do Amaral
Javier Arreguin
Nicholas William Ashcroft
Aaron Paul Augsburg
Nicholas Ryan Babcock
Aaresh Cowasjee Bilimoria
Isaac Reid Bowen
Taylor Alexander Bradford
David Brown
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Jesse Thompson Daugherty
Martin Dureja
Brandon Howard Gardner
Scott Moore Godbold
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Weili Gu
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Theodore Patrick Lorts
Steven Louie
Rodney Justin Lyons
Sebastian Daniel Martinez
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Cassandra Raven Morford
Kolin James Purcell
Miguel Andres Sanchez
Kyle George Schiller
Kun Shao
Gulshan Singh
Kaustubh Srivastava
Tyler James Stokes
Kyle James Summers
Deng Ke Teo
Jacob Alexander Texel
Guan Wang
Christopher Edward Wendel
Matthew Charles Widmann
Kyle Patrick Wilson
Kevin Wu

COLLEGE OF ENGINEERING

Bachelor of Science in Engineering

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Jiaju Xu
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Ruifu Zhang
Jinchong Zhou

Earth System Science and Engineering

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James Andrew Kessler

Electrical Engineering

John Raymond Bieda
Bryan Jay Den Hollander
Saron Shanoan Dier
Christopher Andrew Easterday
Kevin Douglas Egedy
Tony W. Fan
Jianchao Gao
Joshua Aaron Harris
Jean-Francois Henry
Mengmeng Jie
Erich Jakob Laux
Cynthia You Lu
Timothy James Nash
Nana Owusuakyem Ofosu-Apea
Eleanor Katherine Rhode
Abu-Bakr M. Samory
Yu Sha
Rifat Mohammad Sheikh
Matthew Brian Stafford
Ravesh Rajendra Caleb
Sukhnandan
Mark Theisen
Samuel Walker Wilson
Eric Woodlock
Han Yu
Junshan Yuan

Environmental Engineering

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Hema Karunakaram
Peter Charles Lind
Emmie McCleary

Industrial and Operations Engineering

Deshakthi Alahakoon
Steven Dittrich Ball
Alex Joseph Benfield
Lauren Marie Blanchard
Aldan Karlsons Brown
Mark Cilia
Joel Donald Cousineau

Osbert Fu
Corey Guy Greenawalt
Bisma S. Haque
Eric Joseph Hausman
James Thurmond Kaune
Adam Vartan Kurjian
Seok Joo Kwak
Paul Young Lee
Shawn Eugene McClintock
Anshul Manish Mehta
Joseph Martin Menzia
Gabriel Mijares Margain
Chukwudi Christian Nwamba
Charles Robert Oswalt
Michael Patrick Parent
Catherine Ann Pisarczyk
Morgan Anne Quist
Joel Kenneth Roath
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Solomon Philip Shurge
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Chaz Michael Smith
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Besir Murat Sumer
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Silken Danielle Thomas
Carali Mae Van Otteren
Siqi Wang
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Matthew Joseph White
Kyle Patrick Wilson
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Brittany Marie Auld
Margaux Alene Balagna
Minji Kim
Tyler Douglas Berghorst
Gregory Nathan Jinsoo Monroe
Neal Sidney Kroll Richardson
Alexander Joseph Sholtz
Alexa Leigh Smith
Scott William Spangler
Danqing Xia

Mechanical Engineering

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Paul Marshall Barnes
Alexander W. Bauman
Victor Simmons Braciszewski
Bradley Eric Chisholm
Levon K. Cimonian
David Clayton Coons
Mark Joseph Coughlin
Garrett Michael Cullen
Harlan Seth Dannenberg
Stacie Marie De Sousa
Christopher Ernest Dybala
Christopher Andrew Easterday
Christa Dora Gibara
Michael Allen Gorski
Jacob Robert Grabowski
Mohammad Suffian Bin Hamzah
Joseph Kyle-Lemons Hoeflinger
Michael James Holley
Gabrielle Rae Holyszko
Nicholas Robert Kalweit
Nikhil Shiv Kumar
Christine Marie Looney
Brandon Tomas Joseph Mikkelsen
Derek Robert Napierala
James Tayloe Ross
William James Rusnack
Sean Patrick Ryan
Steven H. Shannir
Stephanie Gene Singer
Skylar Rhae Soto
Lauren Nicole Staszal
Preston Thomas Strauch
Ravesh Rajendra Caleb
Sukhnandan
Reed Patrick Sullivan
Besir Murat Sumer
Jun Christopher Ueki
Ian Michael Van Tassel
Jarred James Versical
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Steve B. Xiao
Yusheng Zou

Nuclear Engineering and Radiological Sciences

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Jonathan Anthony Buday
Nicholas Geil
Matthew Robert LaScola
Catherine Marie Mussi

COLLEGE OF ENGINEERING

Master of Engineering

Automotive Engineering

Gajendran Bakthavachalam
Alan Christopher Booth
Omnaath Guptha Harihara Gupta
Ping He
Craig Daniel Herring
Subramanya Prasad
Naduvanamadkal Kalachar
Noah Samuel Schoeneck
Sung Bum Song

Construction Engineering and Management

Omar Bennouna
Matthew Alexander Liberatore
Gina Marie McGauley
Ting Zhu

Energy Systems Engineering

Mid-Hat Said Abdulrehman
Graham S. Abel
Adeel Ahmed
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Hannah Andrea Bence
Cody Davis Berman
Rondell E. Burt
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Daniel Joseph Davis
Justin Keith Francisco
Renato de Almeida Freitas
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Jeffrey Michael Granger
Michael James Kearney
Matthew David Kimball

James Michael Knockeart
Matthew Ryan Knoth
Angelina Ventura Kretz
Ryan Littlejohn
Amanda Marie Luedtke
Qi Luo
Barbara Renee McIntyre
Trevor James McManamon
Andres Mituta
Gregory Thomas Naismith
Jason Alan Nassar
Gary Sylvester Price, Jr.
Micah Joel Smith
Cecily Wu

Global Automotive and Manufacturing Engineering

Pandurang Baliga
Alberto Cruz-Bolanos
Felipe Fuentes
Daniel Gerardo Gonzalez
David John Gurrie
Oziel Hernandez
Joon Hwang
Tae Hwa Lee
Ting Cheong Lo
Armando Mendez Abrego
Zachary Stephen Mendla
Lucas J. Momrik
Eduardo Mosso Siles
Arun Krishna Murthy
Lina Peralta Orta
Rajesh Kumar R
Shankar Ramadas

Varun Suresh Rao
Bjoern Scharf
Andrew Richard Scheich
Eric Schlaupitz
Sunil Prasanth Suseelan

Manufacturing

Heming Bai
Chung Han Chan
Seung Hoon Hong
Abelardo Salinas Jimenez
German Corrado Tanasi
Ti-Chu Yang

Pharmaceutical Engineering

Kathy Zelenock

Robotics and Autonomous Vehicles

Samuel Beckett
Kian Khoon Amos Goh
Devin Wade Miller
Raghavsrinivas Ramkumar
Saumya Saran
Prasanna Kumar Sivakumar

Space Engineering

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Nathan Mark Hamet
Stephen Bradford Howland
Lindsay Taylor Ogard

Structural Engineering

Perry Lyford-Stojic
Daniel Kiefer Tamarkin

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Certificate of Graduate Studies

Plasma Science and Engineering

Sarah Marie Nowak Gucker
Zhaohan He

Master of Science

Atmospheric, Oceanic and Space Sciences

Gang Kai Poh

Biomedical Engineering

Salam Al-Omaishi
Matthew Drexel Biggers
Jaiwant Isaac Ebenezer
Benjamin Joseph Hsiung
Urmi Mukesh Parikh
Sean Kitaek Park
Ian Richardson

Jacintha Celine Sales

Ke Song
Sabitoj Singh Virk
Evaline Wang
Andrew Zoller

Computer Science and Engineering

Sen Cai
Travis Martin Finkenauer
Zichao Fu
Yichao Hou

Animesh Jain
Kyoungah Kim
Ziyun Kong
Jason Frank Lee
Mark M. Liu
Shaobo Liu
Andrew Ross Richardson
Prashipa Selvaraj
Michael Wollman
Kaiyu Yan
Ningyuan Yang

COLLEGE OF ENGINEERING

Master of Science

Electrical Engineering

Tso-Wei Chang
Yi-Cheng Chen
Jing Gao
Pengxiang Jiang
Rupak Shashank Karnik
Yongdong Li
Zhongyuan Ni
Jianhang Qiu
Yinxu Wang
Peng Zhao
Yuan Zong

Electrical Engineering–Systems

Ali M. Attarwalla
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Efrén Nauvoo Cruz Cortés
Zhou Jiang
Mykola Kravchenko
Hung-Ching Lee
Xiaoxiao Ma
Jonathon Andrew Martin

Timothy Francis Panagis
Darshak Devang Sanghavi
Rahul Jayaram Shetty
Gautham Shivshanker
Anthony James Vito
Nitika Yadav
Shih-Hao Yang
Chengcan Ye
Lin Zhang
Wudi Zhou

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Anran Di
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Manan Hiten Gada
Vedant Nihar Ghag
Wouter Hielckert
Gopinath Jayaprakash
Xin Ju
Sri Teja Kethineni

Duyi Li
Jiexun Li
Jingjing Liu
Vanessa Patricia Morales
Rohan Viswanath
Carol Williams
Yijun Xu
Yang Zhou
Caiying Zhu

Naval Architecture and Marine Engineering

Xuan Ai
Yu Mao
Wenjie Mi
Xiwei Xia

Nuclear Engineering and Radiological Sciences

Molly Margaret McCulloch
Molly Rose Ulrich
Kai En Yap

Master of Science in Engineering

Aerospace Engineering

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Antoine Francois Marie Bosse
Weijia Chen
Tom Cnops
Ryan Kelly Coleman
Horatiu Cosmin Dragnea
Jacob Joseph France
Lennard Chi Yang Goh
Daning Huang
Matthew Frederick Karashin
Robert Nii Odartei Lawson
Michelle Noreko Lynde
Daniel Edward McCarthy
Kyle Robert McDevitt
Katelyn Zeller Meidell
Edwin Pribadi Sanjaya
Jacob Andrew Schultz
Nikhil Shastri
David Peter Singer
Bhargav Sowmianarayanan
Avinkrishnan Ambika
Vijayachandran
Timothy Michael Wabel
Yiming Zhang
Robert Alfons Erich Zidek

Biomedical Engineering

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Amin Eldemerdash
Uditha Piyumindri Fernando
Cooper Russell Green
Katarina Marie Klusman

Rahul Anand Phanse
Ashley Kay Shipley
Kody Barrett Young
Xin Zheng

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Franklin Epie Epiepang
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Sadeka Onam
Lynn Elisabeth Secondo
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Matthew Robert Dunwoodie
Justin David Idalski
Alexander Steven Kemp
Harshil Khimesara
Bingjie Li
Olivia Avery Marshall
Jason Martinez
Jack Raymond Miller
Ross Eugene Woods
Jiayue Xue
Ronald Edward Young
Boyuan Zhang

Computer Science and Engineering

Scott Andrew Biringer
Dan Bosscher

Weicong Chen
Kartik Joshi
Vishal Milind Joshi
Jonathan Michael Pevarnek
Patipan Prasertsom
Amir Rahmati
Kelsey Elizabeth Rosenthal
Carl James Stanfield
Yijia Tang
Liuyi Wang
Bowe Xu
Salessawi Ferede Yitbarek
Guanye Zheng
Xiaoyu Zheng
Yuanyuan Zhou

Construction Engineering and Management

Shikhar Agarwal
Nkiru Whitney Agomuoh
Arnaldo Arturo Bayona Malo
Bedant Bhutia
Nikhil Yeshwant Kulkarni
Xinhang Li
Wenchang Liu
Bharadwaj Ram Kumar Mantha
Nitin Mathur
Aakash Mittal
Andrés Ignacio Repetto
Jia Song

Electrical Engineering

Pushkar Arora

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Master of Science in Engineering

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Smriti Koolwal
Bohua Kou
Marta Luengo-Kovac
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Morteza Sheikhsofla
Samuel Neil Wolfson
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Andrew Steven Yates
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Electrical Engineering–Systems

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Shuang Feng
Jakob Hoellerbauer
Weichao Kong
Lianli Liu
Rebecca S. Malinas
Ramestr Sasirajpornchai
Yiyang Wan

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Anton D. Dapcic
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Brianna Lynn Juhrend
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Zachary Jacob Cagen
Grady Harrison Chang
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Supraja Damotharan
Di Dan
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Hamed Firouzi
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Ying He
Zusheng Huang
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Rushikumar B. Mehta
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Ramya Sre Rangarajan
Zelin Su
Chen Sun
Shreya Surapaneni
Avinash Nivrutti Tarte
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Zhihao Xie
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Ronghao Yu
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Paige Noelle Erspamer
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William James Pozehl
Satish Dave Subramanian
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Thomas Graham Lawton

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Sanketh Buggaveeti
Jason Phillip Cassell
Girish Chandramouli
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Ryan Cutler Riddick
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Naval Architecture and Marine Engineering

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Matthew David Weibel

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Charles Stephen Sosa
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Bachelor of Science Wotong Shen

Master of Architecture Lucas Peter Bartosiewicz
Reid Allen Fellenbaum

Master of Urban Design Jongbang Park

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Master of Science *Architecture* Jennifer Darby Morris
Omar Mostafa Baghdady

Master of Urban Planning *Urban and Regional Planning* Ashleigh Anae Johnson Tolulope E. Olorode
Diego Ernesto Horna Muñoz

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Founded in 1921, Deborah Loewenberg Ball, Dean

Bachelor of Arts in Education Alicia Ali Kaitlin Margaret Knarre Kelly Caitlin Williams
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Bachelor of Science in Education Mary Louise Burdgick Leandra Theresa Wong

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Shana Ernestine Rochester Soyeon Kwon Candice Fay Yono
Yiran Xu
Yiwei Zhu

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Jonathan Hunter Cohen
Jordan Samuel David
Melissa Leigh Ehrlich
Jordan William Falkoff
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Nathaniel Carl Glazier
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Jesse Gold
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Matthew Alexander Hart
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Mollie Cecelia Matz
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Chenxi R. Pan
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Erin Casey Roney
Jacob Lane Rosenfeld
Justin Daniel Rothberg
Orest Ryvak

Micah Noah Sapitsky
Shayla Kiaré Scales
Haley Marie Schaffer
Brianna Eve Schechter
Michael Alexander Scott
Joshua Thea Shandell
Jerald Muchen Shi
Eliot Harris Silverman
Ryan Douglas Simes
Matthew Zachary Simon
Robert Kenneth Snyder
Samantha Jo Soma
Katelyn Elizabeth Stover
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Tara Mariam Tarazi
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Apuroopa Devi Vesangi
Elizabeth Ann Wallace
John Blake Willard, Jr.
John Ashford Wojciechowski
Brennan Robert Woods
Kejia Wu
Jiani Xiong
Xin Xu
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Charlie Zhang
Peter Zhang
Arlene S. Zhao
Jay Zhou
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Jason Ryland Carter
Chung Han Chan
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Chad Ward Dibble
Parag Rameshchandra Doshi
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Matthew Richard Hare
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Will Hodgeson
Kenneth Allen Johnson
Nilesh Kodikal
Matthew Alexander Liberatore
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Kyle Anthony Miller
Gary Thomas Newbold II
Kathryn Newhouse
Jeffrey Michael Niemi

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Rakesh Gampala Reddy
Michael Rockett
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Charles C. Schwarze
Stephen Andrew Sharik
Namrata Sopory
Stephen M. Wroblewski
Kevin Robert Yuhasz

Master of Supply Chain Management

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Megh Mandanna
Apurv Asthana
Samvit Bhardwaj
Neeraj Goel
Bo Kan
Jai Kumar

Shruti Kumar
Michael Li
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Carolina Torres Jimenez
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Bachelor of Science *Environment*
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Elise Celia Corden Joshua Blue Hirakawa Goldman Kathryn Mary Minnema
Katherine Elena Laudicina Corey James Runsat

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Environment*
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Diego Ernesto Horna Muñoz Trevor James McManamon Michael Rockett
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Joshua Ervin Novacheck Erin Kristen O'Brien Ryan Thomas Young

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Bachelor of Fine Arts *Dance*
Deanna Barbara Tomasetta *Musical Theatre*
Chris Anthony Peluso, Jr. *Theatre Performance: Acting*
Elliot Carter Cruz

Jazz Studies
Rachel Beatrice Talon Mazer *Theatre Design and Production*
Sarah Miller Korn *Theatre Performance: Directing*
Scott Alexander Crandall

Bachelor of Music *Music Education: Choral*
Melissa Rose Hartman *Performance: Double Bass*
Kohei Yamaguchi *Performance: Violin*
Caroline Rose Buse

Performance: Cello
Eric Gordon Haugen *Performance: Trombone*
Jakob Cornelius Hildebrandt *Performance: Voice*
Alison Marie Aquilina
Ashley Elizabeth Mulcahy

SCHOOL OF MUSIC, THEATRE & DANCE

**Bachelor of
Musical Arts**

Jazz Studies
Lauren Janae Scales

Performance: Percussion
Andrew Harrington Bahle

**Bachelor of
Theatre Arts**

Ellen Catherine Sachs

Performing Arts Management
Trevor Alec Griffin

Sara Kathryn Sherman

Master of Music

Music Education
Erin Kathleen Little
Robin Lynne Radcliff

Performance: Flute
Travis Earl Jones
Mine Hea Kim

Performance: Organ
Ye Mee Kim

Performance: Cello
Jacob Wunsch

SCHOOL OF NURSING

Founded in 1941, Kathleen Potempa, Dean

**Bachelor of Science
in Nursing**

Jessica Leigh Page
Heather Zink

Neil Crockett
Meghan C. Clarke

Chelsea Labadie
Biyyiah Lee

**Doctor of Nursing
Practice**

Holly L. Hopkins

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*Adult-Gerontology Acute Care
Nurse Practitioner*
Elizabeth Anne Bobo
Darcy Allison Dornbos
Kari Joy Durbin
Julie Marie Eilenberg
Gail Shantae Elder-Battle
Rachel Ann Geml
Youngmi Kim
Tiffany L. Luke
Steffanie Ann Marsonек

Susan Passavant
Kelly Marie Paulisin
Paul Anthony Ranella
Breanna A. Taurence
Elise Wiersma
Marcia Woodburn

*Nursing Business and Health
Systems*
Katherine Anne Borum
Loril Lynn Garrett

Kathleen Marie Lewan
Jeffrey T. Little
Kim A. Schroers
Samantha Strassburg
Michael T. Talsma

*Primary Care Pediatric Nurse
Practitioner*
Shelley Lynne Sibbold

SCHOOL OF PUBLIC HEALTH

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Graduate Certificate

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Ashley Britteny Edwards
Zainab Elsarawy

Susan Marie Fletcher-Gutowski
Jayshri M. Gandhi
Kailey Nicole Lowing

Marla Sievers
Shannon Marie Smith
Michael R. Snyder

Master of Health Services Administration

Joseph R. East

Master of Public Health

Deepti Bettampadi
Jodi-Ann Alecia Burey
Jody Lynn Cook
Randy Wayne Dowding
Angela Chinyere Eke-Usim

Carley Flanery
Kevin Kamis
Samantha Elizabeth Koehler
Matthew Ryan Lowther
Chamisa MacKenzie

Jennifer McDonald
Erica Odukoya
Kellie Paich
Julia Chandler Winfield

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Master of Science

*Clinical Research Design and
Statistical Analysis*
Mohammed Saifullah Shaik

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Laura Berry
Sarah Ann Beu
Hydeen K. Beverly
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Zahraa K. Boussi
Michaele Cailin Bradford
Amalia Briggs
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Kimson Bryant
Brooke Bond Nobis Buys
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Maliaka M. English
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Carley Flanery
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Laura Quain Galia
Madelyn Ann Gardner
Michael Anthony Garrison
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Chloe Alice Jean
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Chamisa MacKenzie
Ashley Ellen Magers
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Jeremy Keith Miller
Kelsey Jo Miller
Lindsey Marie Miller
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Charlotte Anne Neme
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Abigail Kelsey Robinson
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Margaux Tziviva Stanton
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Cassandra Lynn Sweidan
Jacqueline Carly Taub
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Araceli Whitwam-Sell
Ed-Dee Green Williams
Casey Williamson
Stephanie Carmen Yassine
Srijana Yonzon

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Bachelor of Science	Tamer P. Abuaita Thomas E. Alvey Kendall M. Andersen Amy A. Aris Bradley A. Bartkowiak Chad T. Baunoch Ryann N. Brege Bailey M. Bruyere Brittany N. Card Julie N. Clarkston Cory E. Cookingham Adam K. Cornwell James R. Creps Shawil C. Daoud Timothy W. Elliott Jennifer D. Glomski Stephanie C. Hoist	Michelle N. Holbrook Rebecca A. Horning Julius C. Hughes Misty J. Jackson Maria Lilliana Jindia Heather N. Kelly Michal D. Kirkwood Eric A. Knific Hasan C. Kolat Joshua N. Mahoney Bradley F. McCully Matthew M. Medon Carly R. Meeker Danielle R. Milne Radwaan R. Mir David W. Morrison Mohamed O. Mukhtar	Jillian L. Oberley Monica Overby Yang Pei Angelica G. Pineda Adam T. Rainey Christopher M. Rosum Irwyn K. Sadien Steven W. Samida Jennifer R. Schaffer Justin D. Sinclair Jordan E. Sleva Deja L. Snodgrass Rachel N. Stoolmaker Cassandra M. Thomas Rachel L. Wickson Bethany E. Wilson Jessica K. Zaleski
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Jessica S. Prewitt
Brittney R. Ray

Danielle R. Ryan
Katelyn E. Samida
Laura D. Shell
Stefanie E. Smolinski
Angela M. Stratman
Hannah L. Tiltman
Heather J. Turak
Andrea L. Vert
Tiffany L. Weiss

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Jennifer R. Hopson

Scott E. Palazzolo

Master of Arts

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Tamera J. Collins
Roberta J. Cox

Lisa M. Knox
Susan A. Loree
Michelle M. McDowell
Lisa M. Snider

Heather M. Vitek
Taylor M. Webb
Christl J. Zachar

School of Health Professions and Studies

Bachelor of Science

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Mohammed R. Alsari
Ali F. Alyami
Jameel H. Amoudi
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Shayla L. Blade
Jessica N. Brown
Matthew J. Campbell
Minh N. Dang
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Evaett A. Hudson
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Jamie R. Juhl
Ally M. Lawton
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Rayshaun D. Marvin
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Minh T. O

Nicole S. Pearson-El
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Stephanie K. Suminski
Surretta L. Treadway
Monroe N. Walker, Jr.
Zhixin Wang
Casandra A. Watkins
Megan E. Weaver
Michael J. Weiss
Douglas P. Woodfield

UNIVERSITY OF MICHIGAN-FLINT

Bachelor of Science in Nursing

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Adrienne V. Andries
Amanda J. Aube
Tiara M. Baert
Justin D. Bailey
Victoria J. Bailey
Alina M. Barnhart
Jennifer L. Bates
Angila J. Beard
Erika K. Bennett
Alyssa R. Bernklau
Amy M. Birchmeier
Kisha L. Blanton
Heather M. Bowers
Alan A. Bradshaw
Maisha U. Brown
Krystal A. Bryant
Kenneth C. Bumhoffer
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Melissa M. Cederholm
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Angela M. Clarkson
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Kaylee J. December
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Peter L. Furman
Iwana V. Gaines
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Alena A. Garres
Laura M. Gleason
Michael A. Gold

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Ella M. Goodwin
Jamie M. Greenblatt
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Rhonda M. Hammond
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Jodi E. Heethuis
Deanna J. Heyza
Nicholas D. Horton
Tiffany L. Hunt
Rachael Igbawua
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Lee M. Kahan
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Kelli L. Lippert
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MaShell M. Moore
Tiffani L. Moore
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Dana L. Newvine
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Jessica Y. Rees
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Graduate Certificate

Bryana B. Keenan

Master of Public Health

Dana M. Banks

Dennis J. Malloy

Aries Okungbowa-Ikponmwosa

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Doctor of Physical Therapy Valentine C. Agugo Shweta Gore Devashish Tiwari
Faigie Bienstock Jena L. Howe Susan M. Watkins
Kathleen Burkhart Jordan C. Kuo Tracy L. Winnie
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Bachelor of Business Administration Iyad I. Abufarha Jayce R. Erwin Michelle L. Nash
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Md Firoz Alam Brian L. Folaron Trumaine S. Patrick
Nasser S. Al-Buloushi Napoleon Gilmore III James R. Phelps
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Juan Camara	Stephanie Elizabeth Hudzinski	Maegan Camille Murphy
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Christine Rose Cislo	George D. Janney	Susie Renee Newton
Linda Helen Cislo	Jerel Jonathan Jones	Aboubacar Niangadou
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 Kendra West
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 Elizabeth Rose Willis
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 Rachel Cristina Youssef
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 Heyam Alawamleh
 Devallons D. Desmarests
 Zeinab Sobhi Dourra

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Sabah Mahmoud

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Bachelor of Business Administration

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Muhammad Adeel Ali
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Patrick Robert Quirk

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Javier Samayoa
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Gayathri Ashokkumar
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Anthony Christian Potts
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Adithya Rangan
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Dhanabalan

Master of Science in Accounting

Holly Alyssa Stefanski

Cameron Wesley Stewart

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Ahoud Mohammed ALQahtani
Omar Abdulaziz Alzaben
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Erin Marie Favor
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Bachelor of Science

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Sarah R. Imsande

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Early Childhood
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Muna Salim Hamood Al-Siyabi
Michelle Rene Broniak
Lynette Jean Trigge
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Joshua Donald
Joanne Gammoh
Nessrine El-Zein Ismail
Mary Katherine Plenzler

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Doa'a Fawzi Alokush
Nada Jawad Alyacoubi
Safia Fitzpatrick
Zahraa Mazeh
Anton R. Stubbs

Master of Arts in Teaching

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Trixy M. Hall

Stephanie Michelle Lattanzi

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Nicole Rene' Burgess
Allison Marie Gilbert

Leza Kessler
Lauren Eve Kotzian
Kerri Lisa Rusnak

Matthew James Theisen

Doctor of Education

Afrin Fatima Alavi

Fleda Shaw Fleming

Ross Cheney Groover

College of Engineering and Computer Science

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 Joshua Lovatt
 Mo'ath Nazzal
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 Jesse Nemeth
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 Jochen Timo Schubert
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 Ronald Joseph Shunia II
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 Charles J. Waldron
 Brandon Wenzel

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 in Engineering**

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 David John Gretka II
 Corey Dane Jump
 Mohamed Naji Khachab
 David Frederick Krogh
 Nicholas John Nesti
 Quinn Allen Osgood
 Chelsey E. Revita

Computer Engineering
 Mumina Alhaidar
 Michael Mounir Azar
 Jeremy Baca
 Ian Darroch Campbell
 Gabriel Alan Church
 Jonathan Dietrich
 Niklas Dale Gherardini
 Nathan Hekman
 Hwarang Kim
 Ian Douglas McCracken
 Brittany Rae Nelson
 Luigi A. Pecci
 Jonathon E. Rykalsky
 Lauren Elizabeth Stec
 Joel Christian Szalay

Electrical Engineering
 Mumina Alhaidar
 Khalil Alward
 Jeremy Baca
 Johnny Angelo Basile

Ian Darroch Campbell
 Ahmad Kamal Chebli
 Gabriel Alan Church
 Jonathan Dietrich
 Aldo Paull D'Orazio
 Mikael Gandy
 Niklas Dale Gherardini
 Adrian John Guseth
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 Joel Christian Szalay
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 Craig Joseph Willbanks
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Engineering Mathematics
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 Engineering*
 Jordan Taylor Floyd

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 Jazmine Britanna Mims
 Joseph Anthony Zywiol

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He Huang

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Kaushik Kirana Prasad
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Blendi Sullaj
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Nathan Robert Supplee
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Huiyao Wang
Junyao Wang
Sihui Wu
Can Xu
Mengyao Xu
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Shuxin Hua
Amana Nzinga Kaskazi

Kathleen Jane Kondek
Runze Li
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Charles Joseph Roarty
Elijah Jacob Sandweiss
Danielle Antoinette Sanna

Jacob Harrison Schuster
Ethan Michael Seery
Conor Flanagan Volpe
Hailey Renee Maddix

Bachelor of Science

Athletic Training
Nicola Jane Berry

Movement Science
Katlin Elizabeth Chappelle
Sara Mae Fritz
Hilary Marinch Hooberman
Kenneth Douglas Krebs
Allison Elizabeth Lebo
Alyxis Mah
Ainsley Elizabeth McCallister

Dymond Bijan McFall
Madelaine Rose Mitchell-Ward
Rachel Victoria O'Ray
Monica Rose Olsen
Christian Alexander Pace
Bailey Kathryn Palladino
Emily Rachel Rozin
Zachary J. Sapinsley
Caitlin Christine Searl
Nicole Rodrigues Stortini
Fitz Gerald Tavernier

Megan Starr Weschler
Lauren Williams
Lara Brittany Willmarth

Physical Education
Tyler Arnone

*Physical Education with Teacher
Education*
Philip Alexander Monolo

SCHOOL OF KINESIOLOGY

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Arts	<i>Kinesiology</i> Quazi Syque Caesar	Wonjong Shin	Bryan Keith Thompson
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Master of Science	<i>Kinesiology</i> Evelyn Anaka		
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GERALD R. FORD SCHOOL OF PUBLIC POLICY

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

Bachelor of Arts	<i>Public Policy</i> Olivia Blanchette	Hannah Poulson	
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Master of Public Administration	Kang Soomin	Aditya Rayalacheruvu	
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Master of Public Policy	Miachael Dobias Zeid El-Kilabni	Christopher Hamp Rachel Jacobson	Sean Wahl Julia Winfield
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Recommended jointly by the school faculty and the Executive Board of the Graduate School

Certificate of Graduate Studies	<i>Science, Technology and Public Policy</i> Christopher Courtney Lawrence		
--	--	--	--

Master of Public Administration	Natalie Astrid Guishar Yuko Higashitani	Soomin Kang	Aditya Rayalacheruvu
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Master of Public Policy	Zeid S. El-Kilani Christopher Firestone Hamp	Rachel Ilyse Jacobson Sean Philip Wahl	Julia Chandler Winfield
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UNIVERSITY OF MICHIGAN GRADUATES

August 2014

The following is a list of candidates granted degrees in August 2014.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

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

Doctor of Musical Arts

Bret Kenneth Bohman, Field of Specialization: Music Composition. Dissertation: Memento for Orchestra.
Michael-Thomas Alexander Fomai, Field of Specialization: Music Composition. Dissertation: Desiderata for Cello, Timpani, Harp and String Orchestra.
Jean Bernard Cerin, Field of Specialization: Music Performance.
Christine Choi, Field of Specialization: Music Performance.
Nancy J. Deacon, Field of Specialization: Music Performance.
Isaac David Droscha, Field of Specialization: Music Performance.
Jeannette Fang, Field of Specialization: Music Performance.
Sarah Elizabeth Jones-Hayes, Field of Specialization: Music Performance.
Mihyun Kim, Field of Specialization: Music Performance.
Jonathan Robert Lasch, Field of Specialization: Music Performance.
Daniel Mikat, Field of Specialization: Music Performance.
Jason Alexander Covert Paige, Field of Specialization: Music Performance.
Britton Lewis Riley, Field of Specialization: Music Performance.
Leann Brouillette Schuering, Field of Specialization: Music Performance.
Betsy Soukup, Field of Specialization: Music Performance.

Doctor of Philosophy

Julianna Marie Abel, Field of Specialization: Mechanical Engineering. Dissertation: Active Knit Actuation Architectures.
Aditya Aladangady, Field of Specialization: Economics. Dissertation: Essays on Household Balance Sheets and Consumption.
Michael Frederick Aldridge, Field of Specialization: Materials Science and Engineering. Dissertation: In Situ Light Scattering Analysis of the Curing Behavior and the Mechanical Properties of Thermoset Polymers.
Harry Jacob Altman, Field of Specialization: Mathematics. Dissertation: Integer Complexity, Addition Chains, and Well-Ordering.
Heidi Suzanne Alvey, Field of Specialization: Chemistry. Dissertation: Sequence Specificity of Transient Hoogsteen Base-Pairs in Canonical Duplex DNA and Z-DNA Formation.
Vanessa Isabel Alviarez, Field of Specialization: Economics. Dissertation: Essays on Multinational Production and International Trade.
Richard Edward Antaramian, Field of Specialization: History. Dissertation: In Subversive Service of the Sublime State: Armenians and Ottoman State Power, 1844–1896.
Hilary Cara Archbold, Field of Specialization: Cellular and Molecular Biology. Dissertation: Understanding the Logic of TCF Target Location in *Drosophila* Wnt Signaling.
Sari Katriina Arel, Field of Specialization: Education and Psychology. Dissertation: Ethnic Identity in Children of Immigrants: Identity Pathways, Academic Outcomes, and the Mediating Effect of Parents and Peers.
Vincent Arel-Bundock, Field of Specialization: Political Science. Dissertation: Three Essays on the Political-Economy of International Taxation and Investment.
Nicholas Roman Babij, Field of Specialization: Chemistry. Dissertation: Stereoselective Annulation Reactions for the Asymmetric Synthesis of Tricyclic Guanidine Natural Products and Related Polycyclic Alkaloids.
Janakiraman Balachandran, Field of Specialization: Mechanical Engineering. Dissertation: Influence of Material Structure on Thermoelectric Properties of Atomic Scale Systems.
Matthew John Bales, Field of Specialization: Physics. Dissertation: Precision Measurement of Radiative Neutron Decay.
Brian Joseph Ball, Field of Specialization: Physics. Dissertation: Blockmodeling Techniques for Complex Networks.
Rachel Alexandria Barnard, Field of Specialization: Chemistry. Dissertation: Structural, Thermodynamic, and Educational Considerations in Self-Assembly.
Sumanta Basu, Field of Specialization: Statistics. Dissertation: Modeling and Estimation of High-dimensional Vector Autoregressions.
Melissa A. Bathish, Field of Specialization: Nursing. Dissertation: Deliberate Practice In Nursing.
Heather Lauren Beasley, Field of Specialization: Educational Studies. Dissertation: Investigating Opportunities to Develop the Practice of Responding to Students' Contributions to Mathematical Discourse in Embedded Rehearsal.

Doctor of Philosophy

- Elizabeth Anne Becker**, Field of Specialization: Health Behavior and Health Education. Dissertation: Methodological Issues in Colorectal Cancer Screening Research: Implications for Researchers, Practitioners and Policymakers.
- Alexandra K. Bedoya-Skoog**, Field of Specialization: Education and Psychology. Dissertation: Relationships Between Teachers' Characteristics and the Implementation Fidelity of the Developmental Designs Approach: A Mixed Methods Case Study.
- Taylor Andrew Begley**, Field of Specialization: Business Administration. Dissertation: Essays on Financial Contracting and Asymmetric Information.
- Sue Anne Bell**, Field of Specialization: Nursing. Dissertation: Women's Mental Health, Reproductive Health, and Agency in Humanitarian Crises.
- Andrea Kristy Bell-Vlasov**, Field of Specialization: Chemistry. Dissertation: Fundamental and Applied Studies of Electrochemical Methods for the Detection of Polyanion and Polycation Species.
- Christopher David Berk**, Field of Specialization: Anthropology. Dissertation: Long Way, Long Time: Learning and Living Aboriginal Culture in Tasmania.
- Tracy Dianne Berman**, Field of Specialization: Applied Physics. Dissertation: Microstructure Evolution and Tensile Deformation in Mg Alloy AZ61 Through Thixomolding and Thermomechanical Processing.
- Anne Shively Berry**, Field of Specialization: Neuroscience. Dissertation: Neuroimaging and Genetics Studies of the Role of Right Prefrontal Cortex in Controlled Attention.
- Yuqiang Bi**, Field of Specialization: Environmental Engineering. Dissertation: Investigating the Role of Iron Sulfide on the Long-Term Stability of Reduced Uranium under Oxidizing Groundwater Conditions.
- Matthew William Blanton**, Field of Specialization: American Culture. Dissertation: Beyond the Playing Field: The Rise of College Football and the Educated Elite in the Progressive Era United States.
- Erica Jean Boldenow**, Field of Specialization: Toxicology. Dissertation: Group B Streptococcus Infection of the Human Extraplacental Membranes.
- Emily Marianne Bonem**, Field of Specialization: Psychology. Dissertation: Emotion, Age and Domain Effects on Risky Decision Making.
- Justin Mathew Bradley**, Field of Specialization: Aerospace Engineering. Dissertation: Toward Co-Design of Autonomous Aerospace Cyber-Physical Systems.
- Kristoffer Brandvold**, Field of Specialization: Medicinal Chemistry. Dissertation: Investigation of Methods for the Generation of Selective Small-molecule Kinase Inhibitors.
- Thomas Gentry Brink**, Field of Specialization: Astronomy and Astrophysics. Dissertation: The Kinematics of the Sagittarius Stream.
- Katherine Danielle Brion**, Field of Specialization: History of Art. Dissertation: Decorative Painting and Politics in France, 1890-1914.
- Elizabeth Joy Brisbois**, Field of Specialization: Chemistry. Dissertation: Novel Nitric Oxide (NO)-Releasing Polymers and their Biomedical Applications.
- Ayanna Sheree Brown**, Field of Specialization: History. Dissertation: "That peace shall always dwell among them and true love be upheld": Charity, the Seven Works of Mercy, and Lay Fellowship in Late Medieval and Early Reformation England.
- Jeremy DeLaine Brown**, Field of Specialization: Mechanical Engineering. Dissertation: Haptic Sensory Feedback for Improved Interface to Smart Prosthetics.
- Thomas Anthony Brown**, Field of Specialization: Statistics. Dissertation: Analyzing Spatial Processes Locally.
- Lasse Florian Brune**, Field of Specialization: Economics. Dissertation: Three Field Experiments in Development Economics.
- Randi Burns**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Identification of a Novel Recessive Ataxia Gene.
- Tanya S. Byker**, Field of Specialization: Economics. Dissertation: Fertility and Women's Economic Outcomes in the United States, Peru and South Africa.
- Jeffrey William Calder**, Field of Specialization: Applied and Interdisciplinary Mathematics. Dissertation: Hamilton-Jacobi Equations for Sorting and Percolation Problems.
- Sebastian Calónico**, Field of Specialization: Economics. Dissertation: Robust Methods for Program Evaluation.

Doctor of Philosophy

- Elizabeth Ann Cameron**, Field of Specialization: Microbiology and Immunology. Dissertation: The Structure and Function of the Starch Utilization System in *Bacteroides thetaiotaomicron*.
- Jenna Marie Campbell**, Field of Specialization: Mechanical Engineering. Dissertation: Transforming Microtubules into Microshuttles for Advanced Immunoassay Applications.
- Michael Benjamin Cantor**, Field of Specialization: Kinesiology. Dissertation: Sports and Real Estate Development as Tools for Changing Patterns of Regional Economic Activity: Managing the Effects of Teams and Venues on Local Communities.
- Kevin Carde**, Field of Specialization: Mathematics. Dissertation: Cluster Algebras and Classical Invariant Rings.
- Andrew Isaac Cavin**, Field of Specialization: History. Dissertation: Encountering Others, Imagining Modernity: Primitivism in German Ethnology, Art, and Theory.
- Nirupam Chakrabarty**, Field of Specialization: Statistics. Dissertation: Semiparametric Estimation of Target Location in Wireless Sensor Network.
- Chun-Chieh Chang**, Field of Specialization: Biophysics. Dissertation: Single-Molecule Microscopy Studies of Interactions between Alzheimer's Amyloid- β (1-40) and Amyloid- β (1-42) on the Membrane.
- Xiao Che**, Field of Specialization: Astronomy and Astrophysics. Dissertation: Near Infrared View of Stellar Surfaces and Circumstellar Disks with an Upgraded Optical Interferometer.
- Leng-Chun Chen**, Field of Specialization: Biomedical Engineering. Dissertation: Label-Free Optical Imaging and Quantitative Algorithms to Assess Living Biological Systems.
- Shao-Yuan Chen**, Field of Specialization: Electrical Engineering-Systems. Dissertation: Detection, Synchronization, Channel Estimation and Capacity in UWB Sensor Networks using Compressed Sensing.
- Uniko Chen**, Field of Specialization: Economics. Dissertation: Essays on the Labor Market Transitions in Taiwan.
- Weiqiang Chen**, Field of Specialization: Mechanical Engineering. Dissertation: Microengineered Biomaterials and Biosystems for Systems Immunology, Cancer Biology, and Stem Cell-based Regenerative Medicine.
- Philip Cheng**, Field of Specialization: Psychology. Dissertation: Sleep, Depression, and Resilience: Connecting the Sleeping and Waking Brain.
- Hang Chi**, Field of Specialization: Physics. Dissertation: Transport and First-Principles Study of Novel Thermoelectric Materials.
- Chih-Chun Chia**, Field of Specialization: Electrical Engineering-Systems. Dissertation: Computational Cardiology: Improving Markers and Models to Stratify Patients with Heart Disease.
- Michael S. Chmutov**, Field of Specialization: Mathematics. Dissertation: The Structure of W -graphs Arising in Kazhdan-Lusztig Theory.
- Hyoun Kyu Cho**, Field of Specialization: Computer Science and Engineering. Dissertation: Intelligent Management of Inter-Thread Synchronization Dependencies for Concurrent Programs.
- Sumi Cho**, Field of Specialization: Anthropology. Dissertation: The Politics of Difference and Authenticity in the Practice of Okinawan Dance and Music in Osaka, Japan.
- Heejun Choi**, Field of Specialization: Aerospace Engineering. Dissertation: Time-Optimal Paths for a Dubins Car and Dubins Airplane with a Unidirectional Turning Constraint.
- Nicholas Anthony Cilfone**, Field of Specialization: Chemical Engineering. Dissertation: Understanding and Treating *Mycobacterium tuberculosis* Infection: A Multi-Scale Modeling Approach.
- Justin Adam Colacino**, Field of Specialization: Environmental Health Sciences. Dissertation: Application of Genomic and Epigenomic Methods to Understand Environmental and Dietary Factors in Carcinogenesis.
- Sherri Michelle Cook**, Field of Specialization: Environmental Engineering. Dissertation: Sustainable Wastewater Management: Modeling and Decision Strategies for Unused Medications and Wastewater Solids.
- Diògenes Costa Curràs**, Field of Specialization: Romance Languages and Literatures: Spanish. Dissertation: Redeeming Realism: Alternate Historicities in Spanish Literature and Film.

Doctor of Philosophy

- Nan Zhang Da**, Field of Specialization: English Language and Literature. Dissertation: Occasionality: A Theory of Literary Exchange between US and China in the Nineteenth Century.
- Kevin A. Dahlberg**, Field of Specialization: Chemical Engineering. Dissertation: Two Novel Case Studies of the Crucial Role of Heterogeneous Catalyst Supports: Core@Shell Nanostructure and Photocatalysis.
- Eric Dallal**, Field of Specialization: Electrical Engineering-Systems. Dissertation: Discrete Event System Methods for Control Problems Arising in Cyber-physical Systems.
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- Bei Ding**, Field of Specialization: Chemistry. Dissertation: Studying Orientation and Conformation of α -helical Peptides at Interfaces.
- Cynthia L. Doniger**, Field of Specialization: Economics. Dissertation: Labor Search, Inequality, and Public Policy.
- Michael David Dueñes**, Field of Specialization: Political Science. Dissertation: Communication Cadres: Leaders, the Control of Communication, and Co-Optation.
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- Sakib F. Elahi**, Field of Specialization: Biomedical Engineering. Dissertation: Assessing Molecular Biomarkers in Living Mice Using Fluorescence Microendoscopy and Spectroscopy.
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- Muhammad Faisal**, Field of Specialization: Electrical Engineering. Dissertation: Towards Very Large Scale Analog (VLSA): Synthesizable Frequency Generation Circuits.
- Xiaohu Fan**, Field of Specialization: Civil Engineering. Dissertation: Characterization of the Cyclic Behavior of Corroded Steel Bridge Bearings and their Influence on Seismic Bridge Performance.
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- Sara Beth Festini**, Field of Specialization: Psychology. Dissertation: Memory Control: Investigating the Consequences and Mechanisms of Directed Forgetting in Working Memory.

Doctor of Philosophy

- Sarah Jennings Fick**, Field of Specialization: Educational Studies. Dissertation: Middle School Students' Opportunities for Integration in a Next Generation Science Standards Focused Curricular Unit.
- Daniel Christopher Flynn**, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Pulse-Shaping-Based Nonlinear Microscopy: Development and Applications.
- Anna-Alexandra Fodde-Reguer**, Field of Specialization: Asian Languages and Cultures. Dissertation: Divining Bureaucracy: Divination Manuals as Technology and the Standardization of Efficacy in Early China.
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- Cyril Galitzine**, Field of Specialization: Aerospace Engineering. Dissertation: On the Accuracy and Efficiency of the Direct Simulation Monte Carlo Method.
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- Gürkan Gök**, Field of Specialization: Electrical Engineering. Dissertation: Controlling Electromagnetic Fields with Tensor Transmission-Line Metamaterials.
- Vikrant Jayant Gokhale**, Field of Specialization: Electrical Engineering. Dissertation: Gallium Nitride Resonators for Infrared Detector Arrays and Resonant Acoustoelectric Amplifiers.
- Breno Gomide Braga**, Field of Specialization: Economics. Dissertation: Three Essays in Labor and Education Economics.
- David J. Gonthier**, Field of Specialization: Natural Resources and Environment. Dissertation: Causes and Consequences of Diversity, Complexity, and Autonomous Ecosystem Services in Coffee Agriculture.
- Aston Gonzalez**, Field of Specialization: History. Dissertation: Visualizing Equality: African American Abolitionist Champions of Race, Rights, and Visual Culture, 1830–1880.
- Andrew Jacob Goodman-Bacon**, Field of Specialization: Economics. Dissertation: Three Essays in Health Policy Evaluation.
- Adam Sydney Grabell**, Field of Specialization: Psychology. Dissertation: Neural Correlates of Emotion Regulation in Preschool Children with and without Disruptive Behavior Disorders.
- Benjamin Jon Graham**, Field of Specialization: History. Dissertation: Profile of a Plant: The Olive in Early Medieval Italy, 400–900 CE.
- Charles Eugene Graham, Jr.**, Field of Specialization: Social Work and Psychology. Dissertation: Assessing “Clinical Identity” through the Lenses of Choice, Cognition, and Context-Implications for Marginal Men in Treatment.
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Doctor of Philosophy

- Claudette Lynn Grinnell-Davis**, Field of Specialization: Social Work and Psychology. Dissertation: Toward an Etiology of Child Maltreatment: An Ecological Study of Primary Caregivers at Risk of Child Welfare System Involvement.
- Saida Grundy**, Field of Specialization: Women's Studies and Sociology. Dissertation: The Makings of Men: The Institutionalization of Class and Masculinity at a Historically Black College for Men.
- Junsi Gu**, Field of Specialization: Chemistry. Dissertation: Low-temperature Electrodeposition of Crystalline Semiconductor Materials.
- Gokce Gulsoy**, Field of Specialization: Materials Science and Engineering. Dissertation: Mechanism of Internal Oxidation of Alloy 617 in Controlled Impurity Helium Environments at High Temperatures.
- Laura Ellen Gultekin**, Field of Specialization: Nursing. Dissertation: In Their Own Words: Exploring Family Pathways to Housing Instability.
- Beth Leverett Haas**, Field of Specialization: Chemistry. Dissertation: Mapping, Tracking and Modeling the Movements of Single Membrane-Bound Transcription Activator Proteins in Live *Vibrio cholerae*.
- Maria Hadjipolycarpou**, Field of Specialization: Comparative Literature. Dissertation: Intersubjective Histories in the Mediterranean and Beyond: The Poetics of Self in Postcolonial Autobiography.
- Linjie Han**, Field of Specialization: Chemistry. Dissertation: Developing Ion Mobility-Mass Spectrometry for Measurements of Solution-Relevant Protein Structures.
- Erin Melissa Hanna**, Field of Specialization: Screen Arts and Cultures. Dissertation: Making Fandom Work: Industry Space and Structures of Power at the San Diego Comic-Con.
- Xiaoguang Hao**, Field of Specialization: Chemistry. Dissertation: Synthesis and Defect Structure Analysis of Complex Oxides for Li-Ion Battery Electrodes.
- Angela Rose Harnivel**, Field of Specialization: Biomedical Engineering. Dissertation: Monitoring Attentional State with Functional Near Infrared Spectroscopy.
- Jennifer Alva Xyna Hartfield**, Field of Specialization: Health Behavior and Health Education. Dissertation: Neighborhood Racial Composition and Hypertension Awareness, Treatment, and Control: An Examination of Direct, Mediating and Moderating Effects of Economic and Social Factors.
- Spencer John Hawkins**, Field of Specialization: Comparative Literature. Dissertation: Foundational Ambiguities: Metaphor, Translation, and Intertextuality in Hans Blumenberg's Metaphorology.
- Martyn Taylor Haynes**, Field of Specialization: Chemistry. Dissertation: Mechanistic Understanding as a Driving Force for Developments in Nickel-Catalyzed Coupling Methods.
- Warren Alexander Herold**, Field of Specialization: Philosophy. Dissertation: Perspective Taking and Moral Evaluation: Themes from Adam Smith.
- Brett Douglas Higgins**, Field of Specialization: Computer Science and Engineering. Dissertation: Balancing Interactive Performance and Budgeted Resources in Mobile Computing.
- Becky Hoai**, Field of Specialization: Mathematics. Dissertation: On Symplectic Invariants Associated to Zoll Manifolds.
- David Patrick Hodapp**, Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: The Use of High-Fidelity Numerical Models in Ship Structural Fatigue Predictions.
- Matthew Allen Holsapple**, Field of Specialization: Higher Education. Dissertation: An Examination of Moral Judgment in College: Integrating Developmental and College Impact Frameworks.
- Trevor Alexander Hoppe**, Field of Specialization: Women's Studies and Sociology. Dissertation: From Sickness to Badness: Michigan HIV Law as a Site of Social Control.
- Gabriel Aumen Horowitz**, Field of Specialization: Romance Languages and Literatures Spanish. Dissertation: Fantasies of Independence and Their Latin American Legacies.
- Ko-Jen Hsiao**, Field of Specialization: Electrical Engineering-Systems. Dissertation: Combining Disparate Information for Machine Learning.
- Lilian Hsiao**, Field of Specialization: Chemical Engineering. Dissertation: Engineering the Flow Behavior of Colloidal Materials through Surface Modification and Shape Anisotropy.

Doctor of Philosophy

- Bingyuan Huang**, Field of Specialization: Materials Science and Engineering. Dissertation: Electrical Transport in Thin Film Systems for Energy Harvesting.
- Jiexi Huang**, Field of Specialization: Mechanical Engineering. Dissertation: Controlled Cracking and Shape Recovery in Polymers.
- Lei Huang**, Field of Specialization: Environmental Health Sciences. Dissertation: Polycyclic Aromatic Hydrocarbons (PAHs), Nitro-PAHs and Petroleum Biomarkers in Lake Michigan.
- Rui Huang**, Field of Specialization: Chemistry. Dissertation: Structural Study of Interaction between the FMN Binding Domain of Cytochrome P450 Reductase and Its Redox Partners – Cytochrome P450/Cytochrome c by NMR and NMR Characterization of Monomeric and Oligomeric Conformations of Human Calcitonin and Its Interaction with EGCG.
- Shu-Li Huang**, Field of Specialization: Anthropology. Dissertation: From Millenarians to Christians: The History of Christian Bureaucracy in Ahmao (Miao/Hmong) Society, 1850s–2012.
- Zhenguang Huang**, Field of Specialization: Atmospheric, Oceanic and Space Sciences and Scientific Computing. Dissertation: A New Feature of the Quiet Sun Corona During Solar Minimum.
- June E. Huh**, Field of Specialization: Mathematics. Dissertation: Rota’s Conjecture and Positivity of Algebraic Cycles in Permutohedral Varieties.
- Adam James Iliff**, Field of Specialization: Neuroscience. Dissertation: Interactions between Hebbian and Homeostatic Synaptic Plasticity in Hippocampal Circuits.
- Cheryl Jacobs Smith**, Field of Specialization: Human Genetics. Dissertation: Mechanisms in Suppressing Chromosomal Translocations and Maintaining Genome Stability.
- Ashley Elizabeth Jardina**, Field of Specialization: Political Science. Dissertation: Demise of Dominance: Group Threat and the New Relevance of White Identity for American Politics.
- Lei Jiang**, Field of Specialization: Physics. Dissertation: Mesoscopic Simulations of the Polymer and Microfluidics.
- Meng Jin**, Field of Specialization: Space and Planetary Physics and Scientific Computing. Dissertation: Numerical Study of Coronal Mass Ejections, Shocks, and Turbulence: from Chromosphere to 1 AU.
- Monique Louise Johnson**, Field of Specialization: History of Art. Dissertation: An Insistent Subject: The Countess de Castiglione Facing the Lens.
- David Kline Jones**, Field of Specialization: Health Service Organization and Policy. Dissertation: Implementing Obamacare: Intergovernmental Battles Over the Creation of Health Insurance Exchanges.
- Lenette Michelle Jones**, Field of Specialization: Nursing. Dissertation: Reducing Disparities in Hypertension among African American Women through Understanding Information Seeking and Information Use.
- Sonal Joshi**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Coded Aperture Imaging Applied to Pixelated CdZnTe Detectors.
- Paulina M.B. Kaiser**, Field of Specialization: Epidemiological Science. Dissertation: Understanding Neighborhood Physical and Social Environments in Relation to Blood Pressure Changes in the Multi-Ethnic Study of Atherosclerosis.
- Adam David Kammers**, Field of Specialization: Mechanical Engineering. Dissertation: The Influence of Microstructure on the Deformation and Failure of Ultrafine-Grained Aluminum.
- Roxanne M. Katus**, Field of Specialization: Atmospheric, Oceanic and Space Sciences. Dissertation: The Inner Magnetospheric Response to Different Solar Wind Driving Conditions.
- Alice Davis Keane**, Field of Specialization: English Language and Literature. Dissertation: “Full of Experiments and Reforms”: Bloomsbury’s Literature and Economics.
- Leah Ross Ketcheson**, Field of Specialization: Kinesiology. Dissertation: Motor Skills and Level of Physical Activity in Young Children with Autism Spectrum Disorder.
- Bo Rin Kim**, Field of Specialization: Health Service Organization and Policy. Dissertation: Health and Living Arrangements among Older Adults in Diverse Social and Cultural Contexts.

Doctor of Philosophy

- Donghwan Kim**, Field of Specialization: Electrical Engineering–Systems. Dissertation: Accelerated Optimization Algorithms for Statistical 3D X-ray Computed Tomography Image Reconstruction.
- Heeyon Kim**, Field of Specialization: Business Administration. Dissertation: Should Birds of a Feather Flock Together? Agglomeration by Nationality as a Constraint in International Expansion.
- Hyun-Ju Kim**, Field of Specialization: Educational Studies. Dissertation: Exploring Disciplinary and Multimodal Literacy Practices in Music Education.
- Ashley Lianne King**, Field of Specialization: Astronomy and Astrophysics. Dissertation: Accretion Driven Outflows from Black Holes Across the Mass Scale.
- Rafe Hand Kinsey**, Field of Specialization: Mathematics. Dissertation: A Priori Estimates for Two-Dimensional Water Waves with Angled Crests.
- Kelly A. Kirby**, Field of Specialization: Anthropology. Dissertation: Clothing, Kinship, and Representation: Transnational Wardrobes in Michigan’s African Diaspora Communities.
- Rachel Rennie Klingelhofer**, Field of Specialization: Educational Studies. Dissertation: Text-Based Discussions and Functional Grammar Analysis: Scaffolding Understanding and Rich Participation for English Language Learners.
- David Michael Keith Knapp**, Field of Specialization: Economics. Dissertation: Essays on Dynamic Structural Models for Employment and Organization.
- Yi-An Ko**, Field of Specialization: Biostatistics. Dissertation: Robust and Efficient Modeling for Gene-Environment and Gene-Gene Interactions in Longitudinal Cohort Studies.
- Shengchun Kong**, Field of Specialization: Biostatistics. Dissertation: New Statistical Issues for Censored Survival Data: High-Dimensionality and Censored Covariate.
- Jason Dale Kotter**, Field of Specialization: Business Administration. Dissertation: Essays in Banking and Corporate Finance.
- Laura Lynn Kubik**, Field of Specialization: Toxicology. Dissertation: Role of Age in Mitochondrial Susceptibility to 1,3-Dinitrobenzene-Induced Neurotoxicity.
- Abhishek Kumar**, Field of Specialization: Aerospace Engineering. Dissertation: Probabilistic Modeling of Polycrystalline Alloys for Optimized Properties.
- Kyoung Hyun Kwak**, Field of Specialization: Mechanical Engineering. Dissertation: Fuel Sensitive Combustion Model Based On Quasi-Dimensional Multi-Zone Approach For Direct Injection Compression Ignition Engines.
- Qing Lai**, Field of Specialization: Sociology. Dissertation: World Culture and Individual Life Course.
- Wei-Jen Lai**, Field of Specialization: Materials Science and Engineering. Dissertation: Mechanical Behavior of Lithium-Ion Batteries and Fatigue Behavior of Ultrasonic Weld-Bonded Lap-Shear Specimens of Dissimilar Magnesium and Steel Sheets.
- Julie Elizabeth Learned**, Field of Specialization: Educational Studies. Dissertation: “Feeling like I’m slow because I’m in this class”: Secondary School Contexts and the Identification and Construction of Struggling Readers.
- Janghyun Lee**, Field of Specialization: Chemistry. Dissertation: Targeting Dynamic Structures of RNA Using Experiment and Computation.
- Jieun Lee**, Field of Specialization: Physics. Dissertation: Spatial and Temporal Control of Quantum Dots for On-Chip Integration.
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Jonathan R. Kleeman
Kristina Liesma Krautmanis
Christian B. Kreiger
Joel E. Kwon
Jaeho Kyung
Andrew Gordon Laing
Alex James Lakatos
Eleni Mae Lazarou
Lauren Gael League
Ho Keum Lee
John P. Lee
Seung Jin Lee
Seung Sun Lee
Dylan Joseph Levy
China Marie Lewis
Xiao Xin Liang
Priscilla Madeline Livingston
Pui Yan Katherine Lo
Vincent Daniel Longo
Greyson L. Lytle
Nathan Kai Ma
David Michael MacLaren
Lorna Malja
Ariel Alane Mallett
Kayla Nicole Mannino
Ali Karimbhai Maredia
Molly Ann Mayer
Colleen Victoria McBain
Madison Lee McClain
Megan Patricia McCutcheon
Kelsey Janae McInnis
Dillon Sarah Mehrberg
Dante Kenneth-Nathaniel Michael

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Bachelor of Arts

Sung Hyeok Moon
 Robert Ellerbusch Morgan
 Melissa Rose Morley
 Brett Berry Moscati
 Cecelia Mulhern
 Aline Ishema Munyansanga
 Meghan Lee Myers
 Won Young Na
 Rashelle Mazal Nagar
 Maxwell Ian Nathan
 Timothy Nellett
 Katharine Tara O'Keefe
 Kali Alise Oden
 Christopher J. Olah
 Jubilee Anne Olah
 Sarah Elizabeth Olson
 Chris Osborn
 Joshua Lee Paiva
 Chiyoung Park
 Ross Patton
 Charles Mallory Pawlik
 Chloé Lynn Peck
 James Victor Pelloso
 Xuequan Peng
 Michael Dimitri Pervolarakis
 Nathan Joseph Pestka
 Logan Tyler Place
 Charlotte M. Prévost
 Chelsea Marie Prush
 Shawn Jia He Quek
 Allison Lester Ramsey
 Justin Thomas Randall
 Justin Matthew Rivera
 Bethany Rose Rizik
 Deycha Nate Robinson

Imojean Lois Robinson
 Mollye Rose Rogel
 Jonah Rosenbaum
 Ciarra Ashley Ross
 Dimitri Roumanis
 Cesar Ruiz II
 Allison Marie Sabol
 Anna Sadvovskaya
 Sebastian N. Saladiak
 Erica Jeanne Salehi
 Robert Denard Sanders, Jr.
 Khalid Sarsour
 Ryan Everett Sawka
 Avery Paulette Scarcelli
 Eric John Schanowski
 Clara Marie Scheid
 Alexandria Jane Seekely
 Alexander Matthew Septoff
 Hongyu Shan
 Dakota Fisher Sherman
 Nathan Joseph Shoemake
 Michael Alan Siegrist
 Alyssa Anne Slayton
 Ciarra Renee Smith
 Karinne M. Smolenyak
 Steven M. Smyka
 Michael Pieter Sonn
 Jeffrey Alan Stehlin
 Matthew David Steinway
 Robert Livingston Reinke Strong
 George J. Sutherland
 Cansin Tansug
 Zachary Scott Terzich
 Bryan Alfred Thomas
 Tyesha L. Thomas-Cooks

Sennel Kwame Threlkeld II
 Mary Davison Tobias
 Meghan Toohey
 Matthew Steven Transeth
 Hungling Tung
 Ellen Saunders Vial
 Phaedra Njambi Wainaina
 Samuel Scott Walker
 Aaron Paul Wallace
 Olivia Leigh Wallace
 Donald Leon Watkins
 Jesse S. Weinberger
 James Arthur Wells
 Mayah A'Shanti Wells
 Karlie M. Weltman
 Logan Dean White
 Kiley Louise Whitlock
 Paul J. Willar
 Wesley Omari Willis
 Lindsey Marie Winslow
 James Carleton Wren, Jr.
 Chia-Wei Wu
 Heeseung Yang
 In Taek Yeo
 Wonseok Yoon
 Chelsey Reiko Young
 Paul Seunghun Yu
 Emily Ann Zacek
 Michael Antonio-Liparoto Zanger
 Justin M. Zemaitis
 Andrew Martin Zinn
 Vincent Bernard Zobel
 Tanner Levin Zych

Bachelor of Science

Mary Elizabeth Adams
 Walter Davis Afonso
 Stephanie Ahn
 Christine Marie Aiello
 Abbas Zouheir Alawieh
 Qanita Saed Ali
 Jason Reid Anderson
 Neal Patrick Anderson
 Samantha Marie Antczak
 Daili Bai
 Katherine Christine Balaskas
 Nicholas Joseph Barone
 Steven Lloyd Bassette
 Hilary Alison Bauder
 Samantha Jo Bauer
 Michael James Begin
 Matthew Lee Biske
 Kara Noelle Bjorkquist
 Adwoa Hbeni-Isoke Bobo
 Christian James Bolton
 Lily Victoria Bonadonna

Kathryn Elizabeth Borowicz
 Catherine Renee Bosard
 Ashley Ann Broas
 Yue Cao
 Daniel J. Carrera
 Rachel Marianne Gruen Cash
 Hannah Kim Choi
 Kelly Comastro
 Louie Lawrence Cordon
 Morgan Alain Cornelius
 Tyra Anne Marceline Curth
 Julia Rae Dale
 Alicia Christine Damele
 Stephanie Rae Davis
 Wendy de Vor
 Peter Mitchell DeJonge
 Michael Brian Denemy
 Garrett Westfield Dewald
 Jeffrey James Dillon
 Kevin Michael Doherty
 Michael Andrew Dryden

Darin Wayne Duperon
 Ryan Easton
 Perry Michael Eisen
 Osama Mohamed El-Sayed
 Ryan John Eskuri
 Dylan Craig Esterline
 Brendan Francis Fahey
 Caleb Brooks Fogel
 Harris Emilio Foster III
 Alexandra Lucienne Fox
 Isabel M. Gao
 Alberto Garcia Guerra
 Jonathan Dale Garrett
 Audrey Gloeckner-Kalousek
 Kyle Grace
 Morgan Alexis Gregorich
 Michael Armen Haase
 James Edward Hallahan
 Matthew Allen Haloostock
 Yang Heun Han
 Zina Khalil Hanna

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Bachelor of Science	Margaret Jo Anna Hannah Kelly Kyla Harris-Harper Ali Hassani Anders Edward Helakoski Jordan Daniel Herold Mackenzie Heron Michael Patrick Hilden Michael Phillips Hillegonds Varun Hollabbi Ben Hong Angela Marie Hood Rogerio F. Huang Maya Nadina Ilyashov Bradley Charles James Connor Nicholas Jessup Mingrui Jiang Vernesha La'Chele Jones Saebom Jung Hisham Kaddurah Mariam Tajalli Khan Jordan Michael Kieltyka Erin Kim Kendall Jean King Michael Thomas Knox Zhanat Koshenov Aaron Raymond Kramer Patrick Shing-Yan Lau Sam Li Yilin Liu Brian Robert Lockhart Pui Ling Pauline Low John David Lundy, Jr. Rohit Maramraju Kara Katherine Marsh Chelsea Elisabeth Mervenne Kyle John Mooney	Gabriela Lucia Mueller Katharine Kes Nagler Sara Danielle Nagy William Will Nham Raviteja S. Nori Daniel Edward Noto Silvia S. Novakova Stoyna S. Novakova Jerry Zachariah Oommen Alexander Kuanyu Pan Michelle Zeesun Park Brandon John Parker Seema Dilip Patel Amrita Neha Pawar Nawal Aboo-Bakar Peracha Shanice Latrice Person Lori Ann Pettibone Dana McMahon Pinchoff Sundeep Podila Robyn Katie Power Priya Rengaraj Nicholas Dolan Reynolds Caitlyn Mae Rize Jonathan Michael Roberts Jordan Rachel Robertson Raven Arianna Robinson Connor Rundall Paul Joseph Russell Shivani Sadwal Karan Deep Sahni Colleen Marie-Sullivan Sain Kristel Sauter Tamayo Taylor Elizabeth Savona Benjamin Edward Scherr Anna Leslie Sedlar Adil T. Shah	Roderick John Sheerin II Michael Christopher Sierant Omesh Singh Rasanpreet Kaur Singh Ken Wilkinson Smythe Haris Sohail Ryan Ashraf Soheim Zachary Peter Stampelis W. Alexander Stinson Paul Andre Sykula Rachel Elizabeth Szczytko Zachary Paul Tata Caleb Theodros Sion V. Tomaz Alex Tobar Jaclyn Esther Tolchin Sarah Katherine Townsend Emily Tran Yashwant R. Vaka Fabian Vargas Amy Lynne Venturino Renee K. Veresh Prashanth Vijayraghavan Zachariah Wahid Patricia Josephine Walker Timothy Stephen Walker Eric Alan Wandschneider Andrew Lu-Jang Wu Shida Xu Paul Yoon Brandon Michael Yousif Chong Zhang Wanping Zhang Zera Arika Binti Zulkifli
Bachelor of Science in Chemistry	Jeffrey Scott Derrick		

Residential College

Bachelor of Arts	Hannah Marie Bennett Zachery Burciaga Virginia Catherine Easthope	Candace Ilyse Elmquist Melissa Sarah Golden Rebecca Jane Stephens Newland	Abby Christine Ruchlmann Jacqueline Joan Winterbottom
Bachelor of Science	Katarina Danielle Evans		

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Certificate of Graduate Studies	<p><i>African Studies</i> Anna Mester</p>	<p><i>Judaic Studies</i> Benjamin H. Pollak Ronit Yael Stahl Rebecca Austin Wall</p>	<p><i>Latinalo Studies</i> Hannah Kathryn Noel</p>
Master of Arts	<p><i>Anthropology</i> Andrew Warren Haxby</p> <p><i>Anthropology and History</i> Natalie Ann Smolenski</p> <p><i>Arabic Studies</i> Matthew Charles Hanna</p> <p><i>Asian Studies: China</i> Damjan Petar DeNoble Samuel Alexander Goldstein</p> <p><i>Asian Studies: Japan</i> Esther Ladkau</p> <p><i>Classical Studies–Latin</i> Nicholas E. Rupert</p> <p><i>Economics</i> Catalina Franco Buitrago Amelia Anne Elaine Hawkins Julian Hsu Aristos Alexander Hudson Eric Lewis Nicolas Morales</p>	<p>Siprapai Sitapong Gonzalo Vazquez Bare Wenjing Xu</p> <p><i>English Language and Literature</i> Steven William Pelletier Rebecca Ariel Porte</p> <p><i>History</i> Cristian Capotescu Harold Walker Elliott Jacqueline Larios Benedito Luis Machava Joost Van Eynde</p> <p><i>Judaic Studies</i> Shayna Elizabeth Goodman</p> <p><i>Linguistics</i> Tomislava Dragicevic</p> <p><i>Modern Middle Eastern and North African Studies</i> Hazel Lee Unger</p>	<p><i>Political Science</i> Heather Autumn Keithley Elliott</p> <p><i>Psychology</i> Guadalupe de los Santos</p> <p><i>Russian, East European and Eurasian Studies</i> Colleen Pechman Fitzharris</p> <p><i>Sociology</i> Nana Lee Ava Jill Morgenstern Guillermo Enrique Sanhueza Matthew Brian Sullivan</p> <p><i>Southeast Asian Studies</i> Sheena Marie Harris</p> <p><i>Statistics</i> Soumik Chatterjee Justin Adam Colacino Sergey Strelnikov Artur Botelho Veloso Yehua Xie</p>
Master of Science	<p><i>Applied Physics</i> Ingrid Morgan Goglio Uriah Israel Garrett Val Rodriguez</p> <p><i>Chemistry</i> Jeremiah Eric Emmanuel Alicea Evan Joseph Arthur Chelsea D. Cates Meagan Anne Cauble Yu Chen Yao Li Phillip Joseph McClory Broc David Smith Yaqi Wo Yue Xie Fangting Yu</p>	<p><i>Earth and Environmental Sciences</i> Daniel Patrick Lowry Katlyn Marie Turner</p> <p><i>Ecology and Evolutionary Biology</i> Clarisse M. Betancourt Roman Nelson Omar Bonilla Pamela Patricia Martinez Vargas Benjamin Miller Celia Jean Hampton Miller Marian L. Schmidt Lisa Lenoble Walsh</p> <p><i>Mathematics</i> Heejun Choi Hamid Nejati Jianping Xiao</p>	<p><i>Molecular, Cellular and Developmental Biology</i> Rebecca Jo Shaulis Lance Michael Shultz</p> <p><i>Physics</i> Christine Renee Drown Meryl Anne Spencer</p> <p><i>Psychology</i> Ryan Christopher Cardinale Maria Margarita Galano Tyler Barrett Grove Stephanie Sylvia Moore Walter James Sowden Gloria Avilés Suárez Irene Yung Hsuan Wu</p>

MEDICAL SCHOOL

Founded in 1850, James O. Woolliscroft, Dean

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Science

Bioinformatics

Patricia J. Fly

Biological Chemistry

Amin Ahmed Babiker Ali
Mariam Kamel Ayyash
Rahaman Navaz Gangji
Ashish Nagesh Rao
Allison Claire Zimmerman

Health and Health Care Research

Ryan Barbaro
Monica Arlene T. Konerman
Justin List
Michelle Moniz
Lauren Katherine O'Connell
Hallie Christine Prescott

Human Genetics

Jacob Emerson Higgins
Christine Ann Hong

Microbiology and Immunology

Carina Amira Zahdeh

Neuroscience

Noga Yaniv
Chris Valdez
Caroline Walsh

Physiology

Brian Bazzell
Jeremy Alton Brill
Bryan James Cannon
Andrew C. Chen
Iman Hassan Choucair

Mahmoud Farhat
Allison Ho
Iman Fayek Ismail
Katherine Mary Kelley
Alfred Nesaraj
Brandon Scott Newell
Halimah Yusra Oral
Samuel W. Pare
Lauren Elizabeth Previch
Eleanor Lyon Robertson
Evelyn Chanté Ross
Samantha Rose Schwartz
Andrew Joseph Schwartz
Jacqueline Scott
Gulmohar Singh
Joshua Michael Szykowski
David George Wallington
Christopher Henry Yee

SCHOOL OF DENTISTRY

Founded in 1875, Laurie K. McCauley, Dean

Bachelor of Science in Dental Hygiene

Tiffany Leane Conry
Elisa Hope Dack
Amber Lynn Fredericks

Laura L. Hettinger
Jamie Jo Polakowski
Jessica Anne Ranella

Audrey Diane Taylor
Angela Nicole Walewski
Katrina Marie Walker

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Science

Dental Hygiene

Angela Jean Mills

Endodontics

Christopher David McWatters
Brian Lamar Royle
Xianli Tang
Robert Michael Wiesen

Orthodontics

Mona Naghibzadeh Bajestan
Adam Rubin Donnell
John Michael DuRussel
Carmen Alyson Garcia
Elliot Louis Saperstein
Bradley Christopher Stieper
Vina Zi Zinn

Periodontics

Yung-Ting Hsu
Eboné Adanna Jordan-Ujari
Brooke Pancer

Restorative Dentistry

Ahmed Mohammed A. Maawadh

COLLEGE OF PHARMACY

Founded in 1876, James T. Dalton, Dean

Doctor of Pharmacy

So Jin Lee

COLLEGE OF ENGINEERING

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

Bachelor of Science

Engineering

Trevin Anthony Chester
Tiffany Nicole Torres

Bachelor of Science in Engineering

Aerospace Engineering

Ashwin R. Bharadwaj
Shivang Shirish Naik

Biomedical Engineering

Nicholas James Caras
Ali Hassani
Tyler Adam Kulaga
Jun Ma
John Thompson Pendy, Jr.
Joseph Charles Sedlak

Chemical Engineering

Melissa Christine Boelstler
Ning He
Sean Ming Yuan Low
Kristel Sauter Tamayo
Vicki Yu

Civil Engineering

Rami Hicham Harb
Wade James Phillips

Computer Engineering

Joshua Donald Cronk
Samba Danfa
Jason A. Hernandez
Matthew Wesley Lindner
Shivang Shirish Naik
Jennifer A. Sloboda
Vertika Prakash Srivastava

Computer Science

Matthew S. Binder
Thomas William Dorsey
Catherine M. Edwards
Theodore Patrick Lorts

Master of Engineering

Energy Systems Engineering

Andrew Wilson Averhart
Robert Adrian Clark
Ryan Christopher Hoffman
Fahad Irfan
Stuart John Lowe
Thomas Edward Maher
Edward W. Mellet
Brunno Luiz Moretti
Rachel Miriam Moses
Dusan D. Polovina

Paul Jacob Lucas
Eyad Makki
Gabor Zoltan Nemeth
Shannon Chelsea Pawloski
Jason Matthew Terranova
Yashwant R. Vaka
David Thomas Wilemski, Jr.

Electrical Engineering

Ameer Abdul-Aziz Al-Gharib
Yachi Chen
Ali Hassani
Jason A. Hernandez
Xueyu Huang
Yukiko Clare Krolicki
Minh Binh Pham
Kevin Ta Ming Wang
Qing Xu

Environmental Engineering

Wade James Phillips

Industrial and Operations Engineering

Joseph Donald Beck
Arjun Raj Bhalla
Joseph Edward Blanchett
Luke James Bruski
Abhishek Chitlangia
Zahi Basel Darwazeh
Harrison Gutierrez
Patrick Kenneth Hamilton
AJ Harris
Nikki Haven
Nolan James Hopkinson
Lawrence P. Jau
Morgan Kristine Kelley

Benjamin Thomas Rule
Nicholas Raymond True
Donald D. Yung

Global Automotive and Manufacturing Engineering

Rakesh Kashinath Bidre
Michael Edward Boike
Chad A. Dammar
Paul Vincent De Santis
Ranganatha N. Gangaiah

Jenette Pauline Kuo
Jamie Marie Laursen
Ting-Yi Li
Vera Mann Hey Lo
Glen Joseph McCormick III
Sanjeev Muralidharan
Evan Pan
Kevin James Papak
Alexander Carl Schelb
Srivaths Venkatachari
Sameer Vig
Mengqi Wang
Grace Weng

Materials Science and Engineering

Hayley Anne Facca

Mechanical Engineering

Ian Miner Jester
Robert James Muccioli
Charlie James Rotman
Kevin Robert Shock

Naval Architecture and Marine Engineering

Wynn Christopher Curry
William Joseph Cyr
Daniel William Hartsig

Nuclear Engineering and Radiological Sciences

Stephen Sammes Barnard
Doug Kripke
Trevor Alexander Olsen

Andrea Catalina Hidalgo
Biju Kumar
Sangmin Lee

Manufacturing

Adetunji Oluwabusayo Dahunsi

Robotics and Autonomous Vehicles

Yaohui Li

COLLEGE OF ENGINEERING

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Science

Atmospheric, Oceanic and Space Sciences

Blake C. Johnson
Samantha Tushaus

Biomedical Engineering

Hyesun Jun

Computer Science and Engineering

William Weiyang Huang
Sang Won Lee

Electrical Engineering

Jiabei Zheng

Industrial and Operations Engineering

David Alan Cwynar

Naval Architecture and Marine Engineering

Rory Kennedy
Zachary James Moscicki

Master of Science in Engineering

Aerospace Engineering

Austin William Allen

Biomedical Engineering

Aarhi Arab
Graham Gene Billey, Jr.
James Robert Swift
Yang Yong

Chemical Engineering

Rhonda Martha Jack
Vijaynaren Subramaniam

Computer Science and Engineering

Yihua Guo

Electrical Engineering

Motaz Khader

Prashant Padmanabhan
Allan A. Wang

Industrial and Operations Engineering

Matheus Prim Markoski dos Santos
Nicolas Fougere
Eric Hung
Kristin Gail Knuutila
Ryan Joseph Sparks
Vikram Venkatesan

Materials Science and Engineering

Peng-Wei Chu
Kevin Byrne Fisher
Timothy Yu Cheng Jen
Andrea M. Jokisaari
Pramathesh Maji
Terry Shyu

Jared Michael Tracy
Jolie Wu

Mechanical Engineering

James Michael Buquet
Anthony Raymond Fiorino
John J. Lavoie-Mayer

Naval Architecture and Marine Engineering

Alexander Nikolaus Ediger

Nuclear Engineering and Radiological Sciences

Keegan Tyler Behm
Timothy Patrick Burke
Sean Eamon Carney
Andrew James McKelvey
Anthony Manuel Monterrosa

A. ALFRED TAUBMAN

COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1913, Monica Ponce de Leon, Dean

Bachelor of Science

Daniel William Clunis
Philip Scott Marcantonio
Cyrus Morshidi

Jason Jaehan Park
Michaelene Susanne Sartori
Jenna Christine Shahly

Adam Ben Wagner

Master of Architecture

Christian Alexander Newman

Master of Urban Design

Prachi Ajit Donde
Ruba Fauzan

Liliana Maribel Gonzalez
Divya Harish Kapuria

Chen Lu
Shruti Rajagopalan

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Science

Architecture

Emad Khaled Al-Qattan
Ali Askarinejad
Lee Mark Azus
Elizabeth Marie Baskerville
Christopher Griffin Byerly
Caitlin Maureen Cashner

Rizkallah Chaaraoui
Samira Daneshvar
Ana Victoria Faria Delfino
Amar F. Kalo
Xiang Liu
Elizabeth Anne Sauve
Kavan Ajay Shah

Secil Taskoparan
Marie Grace Trinidad
Han-Yuan Tsao
Yu Huan Wang
David Zhu

Master of Urban Planning

Urban and Regional Planning

Xiao Wen

SCHOOL OF EDUCATION

Founded in 1921, Deborah Loewenberg Ball, Dean

Bachelor of Arts in Education

Greg W. Brandell
Maia Michelle Canning
Keshia La'Shawn Coleman
Carolyn Grace Cooley
Nicole Elyse DeSousa

Erin Rose Fedeson
Emma Stern Huntley
Marissa Marie Kauchek
Morgan Noelle Lord
Megan McCarthy Marsal

Eryn Nichelle Smith
Ariana Ruth Tabaku
Marquise Drakkar Williams

Bachelor of Science in Education

Lauren Marie Pruitt

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Arts

Educational Studies

Tawheedah Bint Abdullah
Questen La-shon Calvene
Benjamin
Deana Danielle Binford
Eliza C. Bivins-Fink
Rachel Marie Bomphray
Michael Peter Broersma
Megan Elizabeth Brown
Anna Marie Bryant
Marah Cooney Casey
Miriam D. Chis
Anna Eun Sil Choi
Ronye Janise Craft
Destiney Grace Davis
Catherine Thu Dinh
Farah Samer Elakhaoui
Emily Irene Everard
Jeanine Terese Francois
Renée 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
Zachary Thomas Kandell
David Alan Lamb
Jenalyn Cattran Lawrence
Shu Jun Lee
Danielle Marie LeFevers
Matthew Norman Lemoyne
Chi Yung Ken Leong
Scott Keith Levine
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
Sean McCoy

Katherine S. McKenzie
Andrea Jean Melkus
Maria Mijac
Claire Colliver Miller
Christian Nicholas Mocek
Carlisa Marie Moffett
Sara Renee Molnar
Adrian Denise Monge
Xavier Jarrod Monroe
Gregory Michael Nickel
Katie O'Donnell
Griffin Douglas Pepper
Veronica Bernice Petroelje
Stephanie Porowski
Laura Pressprich
Blake Jeffery Pynnonen
Vi Michael Quach
Lauren Renee Quigley
Jayanthi Reddy
Megan Riley
Tara Kathleen Ryan
Jenny Lisa Sawada
Nathaniel Patrick Schimberg
Shannon Bauchat Sestak

SCHOOL OF EDUCATION

Master of Arts

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
Ivan Muki Tan

Joseph Henry Pasteur Valentine-
White
Brandon Matthew Vince
Nicholas A. Weiland
Benjamin M. Williams
Evan Aaron Wilson
Richard Winters
Erin Shelbey Wood
Christine R. Woolford

Higher Education

Colleen Elizabeth Campbell
Chia Yu Chen
Will Cherrin
Alexandra Leigh DeFries
Erica Lynn D'Eramo
Vanessa Fellers
Timothy Hickey-LeClair
Michael William Lausch
Aileen Marie Stewart
Jessica Dyan Sumney

Master of Science

Educational Studies
Martyn Taylor Haynes

STEPHEN M. ROSS SCHOOL OF BUSINESS

Founded in 1924, Alison Davis-Blake, Edward J. Frey Dean of Business

Bachelor of Business Administration

Abhishek Chitlangia
Sanjeev Harish Muralidharan

Srivaths Venkatachari
Sameer Vig

Ashlee Walton

Master of Accounting

Brendan Daniel Murphy

Master of Business Administration

Luckkanin Asavasanti
Aloke Chatterjee
Bing Chen
Chih-Chang Chen
Cheng-Hua Chiang
Euisang Chon
Sudip Das
Felix Dwayne Felder, Jr.
Yongjie Feng
Heping Fu
Kazuhito Gonda
Karl Russell Gust
Mitsuhiro Hamano
Tzu-Hsuan Ho
Naohiro Ikemoto
Keiji Ito
Sewon Jin
Jin Kyu Joo
Kwonyong Kang

Sungsu Kang
Makoto Kawamura
Masayuki Kawasaki
Donghyoun Kim
Ho Jung Kim
Ashish Kumar
Hsueh-Chia Lee
Meng-Chiao Lin
Yu-Min Lin
Ravindra Ramachandra Lote
Sophia Marzouk
Ashish Kumudkumar Minocha
Naveen Mongkoltanmakul
Michael S. Needler, Jr.
Kenji Ogawa
Joonyoung Park
Sang Tae Park
Varachaya Pornpratharnwech
Thirumurthi Ranganathan

Gwiho Roh
Nawanich Sakunkoo
Eiji Sasaki
Davinder Sharma
Yosuke Shirakura
Radhika Shukla
Jung Min Suh
Nobuyuki Suzuki
Shoichi Tanida
Masashi Tanimura
Dante Vasquez
Kapil Verma
Pailin Vichakul
David Louis Wagnon
Ching-Ting Yeh
Chia-Yu Yu
Adrienne Marie Zaski

Master of Entrepreneurship

Apoorva Anand Conjeevaram
Alice Victoria Brown
Michael Bryant
Greg Currence
Shirish Garg
Elisa Gunawan
John Philip Hennessy
Chun-Wei Hsu

Zachary Hwang
Rachit Rajeev Khator
Linwei Li
Yadong Long
Tianyu Luan
Kabir Maiga
Rebecca C. Moore
Andrew Muyanja

Nicholas David Parenti
Long Qian
Mark Christopher Roszell
Avesh Sharma
Daniel John Vander Ley
Weiting Zhuang

SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT

Founded in 1927, Marie Lynn Miranda, Samuel A. Graham Dean

Bachelor of Arts	<i>Environment</i> Camyle Allen Joseph Michael Altizer	Hillary Grace Bedeian Ian Halprin Bernstein Alexandra Grace Erwin	John J. Evashevski Meghan Lee Myers Michael Dimitri Pervolarakis
Bachelor of Science	<i>Environment</i> Mary Elizabeth Adams Michael J. Begin Ashley Ann Broas Rachel Marianne Cash	Jeffrey James Dillon Ryan John Eskuri Caleb Brooks Fogel Connor Nicholas Jessup Saebom Jung	Patrick Shing-Yan Lau Kyle John Mooney Michelle Zeesun Park Anna Leslie Sedlar Rachel Elizabeth Szczytko

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Science	<i>Natural Resources and Environment</i> Diana Gayle Copeland Yu Feng Michelle Anne Fournier	Nathan S. Gainer Syed Maaz Hassaan Gardezi Paul William Glyshaw Yu-De Lee Tae Hwan Lim	Hannah Rose Naughton Chanisa Niljinda Anna Riba Hellzen Peschel Cara Elizabeth Steger Yu-Peng Yeh
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SCHOOL OF MUSIC, THEATRE & DANCE

Founded in 1940, Christopher Kendall, Dean

Bachelor of Fine Arts	<i>Dance</i> Katlyn Marie Maviglia	Calvin Arthur McCormack Samuel Ladue Parsons	<i>Theatre Performance: Acting</i> Tyler William Dean
	<i>Jazz Studies</i> Neal Patrick Anderson Nathan Michael Flanders	<i>Musical Theatre</i> Andrew Joseph Klopach	
Bachelor of Music	<i>Music Theory</i> Clifton Samuel Boyd Colin Roger Knapp	<i>Performance: Organ</i> Colin Roger Knapp	<i>Performance: Voice</i> Lauren Anne Jacob Jillianne R. Tucker
		<i>Performance: Viola</i> Clifton Samuel Boyd	
Bachelor of Musical Arts	<i>Jazz Studies</i> Taylor Ymani Moore-Willis	<i>Performance: Flute</i> Emily Ann Zacek	
Bachelor of Science	<i>Sound Engineering</i> Robert Clark Bisel	Zachary Miles Lizzio	
Master of Music	<i>Music Education</i> Cassie Eva Giordano		

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Fine Arts	<i>Dance</i> Maxx Passion	Brittany Whitmoyer	
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SCHOOL OF NURSING

Founded in 1941, Kathleen Potempa, Dean

**Bachelor of Science
in Nursing** Karl David Kettelhut

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Science	<i>Adult-Gerontology Acute Care Clinical Nurse Practitioner</i> Melanie Beth Bolthouse-Magda	<i>Community/Public Health/Home Care Nursing</i> Monica Ann Vasquez	<i>Nursing Business and Health Systems</i> Kelli Lynne Gase
	<i>Adult-Gerontology Primary Care Nurse Practitioner</i> Ivy McKenzie Carson	<i>Family Nurse Practitioner</i> Dipti Patel	

SCHOOL OF PUBLIC HEALTH

Founded in 1941, Martin Philbert, Dean

Master of Health Services Administration	Brittany Lee Bogan	Jill Lynn Jakubus	Akhil Deepak Shah
	Brian William Donahue	James Keller	Kurtis Smitko
	Donna Dugan-Miller	Eve D. Losman	Fangyan Zheng Sy
	Robert J. Gajarski	Shrikanth Marri	Ranjan Kumar Thakur
	Sandra Habib	Jeffery J. Meden	Despina Walsworth
	Dania Hannan	Katherine Meyer	Jeffrey Wesolowski
	Mi-Kyung Hong	Garth Gilbert Miller	
	Jeana Louise Houseman	Sheylyn Ridky	

Master of Public Health	Jessica Lynn Bell	Paul Sungbae Kim	Katherine Reyes
	Pritika Dasgupta	Ethan Thomas Kolderman	Jessica Roch
	Renee Despres	Michael James Michutka	Cara Santillo
	Joseph Steven Domino	Ogbebor Enaholo Omoike	Wouter van der Pluijm
	Elizabeth Caroline Grim	Stephanie Ostrenga	Christine Anne Wang
	Amanda Horcher	Kristen Beth Pellingra	
	Adenike Kareem	Olga Prushinskaya	

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Science	<i>Clinical Research</i> Sarah Rathnam Akkina Ashley Elise Dunfee Nathan James Kopydlowski Germanuel Lavar Landfair Matthew Lau Aimee Rolston	Brian Matthew Salata Muazzum Mohammad Shah Omar Ziad Yasin	<i>Toxicology</i> Joseph Lionel Jilek
		<i>Clinical Research Design and Statistical Analysis</i> Ariane Sylvaine Neyou	

SCHOOL OF SOCIAL WORK

Founded in 1951, Laura Lein, Dean

Master of Social Work

Elham Rashed Alawy
Brandon Allen Alford
Kristin Angelocci
Ashley Gail Ascione-Blakely
Sarah Barone
Angela Marie Bedz
Erika Lynn Behm
Jana Lynne Bersted
Robert Julian Brill
Jeffery Joseph Brockett
Jamie Lillian Brochner
Chelsea Brown
Emily Brumbaugh
Amira Joy Norte Caluya
Samantha Jean Cecil
Amanda Maria Cruz
Jordan Cusumano
Emma Anne Czaplicki
Heidi Nicole Dadow
Matthew Alan Dearlove
Stacey Terrazas Doyle
Rachel Lynn Ellentuck
Wendy Enright
Sandra Evans
Dylan Marie Feil
Julia Ann Fletcher
Justin David Flowers
Heather Foster
Alicia Nicole Fowler
Karen Julie Gales

John Francis Gallagher
Clay Antony Gallardo
Aaron Christopher Gibson
Katie Gibson
Kelly Gjeldum
Nicole Kimpling Graham-Lusher
Lynne De'laine Green
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Shakari Denise Harris
Melissa Ann Healey
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Amber Leigh Marie Hickman
Casey Renee Hill
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Donna Maria Jacobs
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Aimee D. Jones
Lauren Elizabeth Jones
Willie D'Angelo Jones
Erin Elizabeth Kelly
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Patrick Robert Leonard
Brittany Nicole Llull
Lauren Helen Major
Gabiella Masini

Megan Alana McDonough
Maegen Leigh Miles
Matthew Aaron Nahan
Amber Nutter
Allen Christopher Peck
Lindsay Arianna Penar
Keli Anne Peterson
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Amanda Marie Pusey
Melissa Reiman
Camilla Reynolds
Michael Jacob Rosenberg
Hilary Allen Russell
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Natalie Marlo Smith
Amy Elizabeth Southwood
Haley Stegeman
Allison Stephens
Alison Thierbach
Camille Florence VanCamp
Courtney Vanderlaan
Stacie Vandevusse
Allan Charles Wachendorfer
Princess-Tynishia Walker
Heather Wilson
Devon Marie Woodward
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UNIVERSITY OF MICHIGAN-FLINT

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Tabitha T. Young

Bachelor of Arts

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Janeque D. Brown
Bridgid K. Burge
Leslie A. Card
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Shanae L. Dawson
Shahd Duzdar
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UNIVERSITY OF MICHIGAN-FLINT

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Meghan M. McBride
Brianna J. Neely
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Jessica L. Rakowicz

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Mary S. Williams
Wayne E. Wilson
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Kiera U. Wright

Bachelor of Fine Arts

Alyssa L. Mata

Elizabeth A. Thomas

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Julie A. Conrad
Shahd Duzdar
Linda J. Elert
Taylor J. Farrell
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Ashley R. Hall
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Andrew R. Paleno
Suzanne M. Perry
Katherine L. Riedel
Bailey K. Swenor
Shelby M. Tafoya

Bachelor of Science in Engineering

Jeremy W. Langdon

Kaijun Wu

Master of Arts

Lawanda M. Blassingame
Peishen Cai
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Alecia DelCore

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David Jagusch
Scott K. Lahmann
Vinod Nutakki

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Sueann B. Wick
Da Zheng

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John R. Hart, Jr.
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Chin-Lun Kang

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Matthew T. Richardson
Charles V. Simon

Breanna L. Waugh

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Tiyanna L. MacNear

Lakeshia M. Wash

Education Specialist

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Trisha S. Ferris
Danna L. Fuller

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Meghan E. Oakes
Aimee T. Phillips
Lynn M. Reis

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Joy M. Sweetin
Charita A. Willey
Shawn M. York

School of Health Professions and Studies

Bachelor of Science

Mohammed E. Aboutawila
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Jamie G. Wright
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Bachelor of Science in Nursing

Azra Abbasi
Ucheoma V. Abengowe
Perpetue Bariyanga
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Kevin P. Bautel
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Hassaan Wyne
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Bachelor of Business Administration

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Baleegh K. Almuhasnh
Fahad I. Alshowaer
Rashal G. Baz
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Ming Liu
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La Mi
Amanda M. Miller
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Elizabeth A. Tylus

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Nathaniel J. Cook
Garrett D. Duranczyk
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Peng Peng

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Prashob Viruthiamparambath
Chad W. Walters
Zhilei Wang
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Sami Yusuf
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Chris L. Gilbert

Crystal M. Griffin
Brad O. Mikus

Nicole A. Morearty
Gregory A. Rende

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Meghan K. Riley

Brandy A. Shooks

Ira Skampi

Master of Public Administration

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Kristin M. Anderson
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Belinda J. Blanchard-Gerkin
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Angela B. D'Arcangelis
Ashley L. Dieck
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Lisa E. Roedel
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Arnold O. Vande Mark
Don E. Walker
Andrew P. White
Jessie D. Wilson
David R. Wyatt
Jason Zeller

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Founded in 1958, Daniel Little, Chancellor

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Muna Aldhalimy
Rawann Al-Hadidi
Duaa Alhassan
Aaron M. Bailey
David Alexander Baker
Ali H. Berro
Imani Renee Byrd
Trinita Nicole Clark
Tania Anamargarita Cosman
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Hussein M. Elatat
Lauren Rose Felcher
Sabrina Garmo
Ashley Marie Garner
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Nuray Ghalib
Lejla Graho
Seth Gyamfi
Fatme Hadwan
Christopher Paul Hartman
Thomas Jefferson Higginbotham IV
Ramy Ibrahim Hijazi
Keisha Lynn-Katherine Jackson
Sherita LaShawn Jackson

Anisa Saleh Jamil
Agnieszka Pasterz-Janney
Nicole Jeffrey
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Julian Lamont Jones, Sr.
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Chelsea Ann Karrar
Sirina Knio Katiba
Humayra Nikhat Khan
Brian Michael Kurtz
Hamzah Latif
Eleanor Andrea Lovering
Ryan M. Mardini
Elisabeth Rose Marietti
Laura Lee Marko
Ignacio Marquez IV
Megan Elinor Milewski
Kimberly L. Murdoch
Kimberly L. Oliver
Anthony Michael Olson
Ray Poota
Derrick Dwayne Porter
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Andrew McKee Renaud
Aryka Quinn Rice

Amber L. Ricks
Alejandra Maria Romero
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Chelsee Lynn Senia
Fehad Wasfi Shalhout
Tiffani Shebli
Mary E. Shimbo
Mohammad Siddiqui
Lauren Elizabeth Siegrist
Joshua Winsor Smith
James Brett Southard
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Charles Thomas Stevenson
Amber M. Tanana
Chelsea Lynn Terberg
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Adam Loran Walker
Zachary Charles Weedon
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Bachelor of General Studies

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Jasmine Nicole Parks
Joseph D. Rhome

Mickel Joseph Vella
Jonathan Michael Vono

Bachelor of Science

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Tasha Berry
Ali G. Beydoun
Amit Bhandari
Cassandra Marie Briggs
Sarah C. Corral
John Patrick Deslippe

Yasir Faraj
Sabrina Garmo
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Hagop Jack Markosian
Marc William Narcisse
Vincent Patchett

Jaina B. Patel
Alanna Mary-Teresa Punch
Kelly Christine Smoltz
Tanika Renee' Spence
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Ashley Mae Wiczorek
Breanna Marie Williams

Master of Arts in Liberal Studies

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UNIVERSITY OF MICHIGAN-DEARBORN

Master of Public Administration

Ghosoun AlMaliky
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Jennifer Kimling

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Nicholas Carl Tiano

Master of Public Policy Uzonna Valerie Olumba

Master of Science

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Ayman Hassan Medalal
Diana Mtairek
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Bobbi S. Westerby

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Brittany M. Sabo

Chantel Monique Ulfig
Brooke Williams

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Bachelor of Business Administration

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Johnny S. Dancer
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Megan Donahue
Youssef Faraj
Helen Ann Florkey

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Ryan Matthew Olsen
Umelo Onyejiaka
David Scott Ormsby
Michael David Osterland
Caleb A. Peper

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Nadia Ally Saad
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Mariam Soloh
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Kelly Lynne Turner
Andrew James Webb
Jeffrey Yee
Jie Yu
Jiang Yuan

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Muhammad Kamran Alam
Jandia I. Carroll

Andrew Kelly
Gary M. Kempen

Aaron Daniel Swanson

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Sriram Prasath Balaraman
Amitha Gumpalli

Michael John Heidner
Denny Lin
Khader Mohammad

Prathima Reddy Pannala
Petrus Peter Joy Siem

Master of Science in Accounting

Mujtaba Nader Alkhonaizi
Derek Joseph Baker

Karyn Denise Bradley

Jingwen Li

UNIVERSITY OF MICHIGAN-DEARBORN

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Lai Sum Chan
Ngan Lung Cheung
Sau Hin Cheung
Wing Chak Choi
Martin Carl Fitzryk
Todd Joseph Gable
George Michael Harris

Kwok Tin Hui
Lui Kwok
Po Shan Lau
Yuet Chiu Lau
Fuk Ling Leung
Pui Lun Li
Hung Bun Ng
Daniel John Rice

Douglas Richard Stanton
Wan Kit Agostinho Tse
Deepak Verma
Nikita Manohar Wadhvani
Kin Sang Wong
Sui Lam Sharon Wong

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Laura Allison DiPonio

Asmahan Abdo Mashrah

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Heather Blosser
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Shadia S. Tekko

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Laura Lynn Vigilante

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Manal Rizk

Master of Education

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Linda Corlew

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Bachelor of Science in Electrical Engineering	Ahmed A. Alkirsh Mohamed Abdo Almawri Racha Akil Bazzi	Daniel A. Makled Matthew James Mazurek Alexander Taylor Myers	Philip James Reske
Bachelor of Science in Mechanical Engineering	Andrew J. Bielak Daniel Joseph Dakoske	Alessandro Miri Derek William Smith	Tyler A. Williams
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Master of Science in Information

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Michael Wayne Harris
Omar Jamil

Rachel Johanna Moir
Edgar Alejandro Oliva Nuñez
Marlon Jerard Phillips
Aysha Siddique
Kevin Robert Smith

Krishna Viraj Vadrevu
Lan Phuong VoBa
Ken Weinberger
Maura Marie Meisel Youngman

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Master of Arts

Sidharth Chhabra

Gaurav Singhal

Joanna Steele

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Bachelor of Arts

Emily Elizabeth Alford
Emily Byrne
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Claire B. Liburdi
Ji-Woo Won
Christine Hope Hildebrand

Maya Nadina Ilyashov
Lauren Gael League

Bachelor of Fine Arts

Christopher Valdez Boomer
Sarah Marie Brennan
Sarah Angela Donegan
Ida Dana Fey

Allison Marissa Knoll
Corinn Lee Lewis
Melania Marquardt Plasko
Aaron Michael Rappaport

Brittlyn Kelsea Tyler
Millicent Tyler Wibert

Bachelor of Fine Arts in Interarts Performance

Carisa Alexis Bledsoe

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Fine Arts

James Michael Rotz

SCHOOL OF KINESIOLOGY

Founded in 1984, Ronald F. Zernicke, Dean

Bachelor of Arts

Sport Management

Dwight Antonio Bibbs III
Grant Robert Cole
Chase Dean Rogers

Sport Management and Communications

Emmanuel Wilner Casseus

Bachelor of Science

Movement Science

Audrey Margaret Burke
Lyndsay Jayne Doyle
Nicole Renee Fregene
Jerome M. Grant
Taylor Lin Hasselbach

Grace Wen Yin Lo
Lance Christopher Marczak
Sara Danielle Nagy
Kyle Lynn Nelson-Purcell
Amelia Francine Schmid

Physical Education

Daniel Robert Yates

Recommended jointly by the school faculty and the Executive Board of the Graduate School

Master of Arts

Raven-Olivia Kellum

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Certificate of Graduate Studies

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Master of Public Administration

Aimee D. Jones

Pyoungseok Seo

Master of Public Policy

Colleen Elizabeth Campbell
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So as you toss your mortarboard and venture out into the world, celebrate all that you have achieved and remember that you are never far from the University of Michigan.

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Sincerely,

Janey Lack, '62
Chair of the Board of Directors
Alumni Association of the University of Michigan

Steve Grafton
President and CEO
Alumni Association of the University of Michigan

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200 Fletcher St., Ann Arbor, MI 48109-1007 | 800.847.4762 | umalumni.com

For those who leave Michigan, but for whom Michigan never leaves, this is where you belong.

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

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

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

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

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

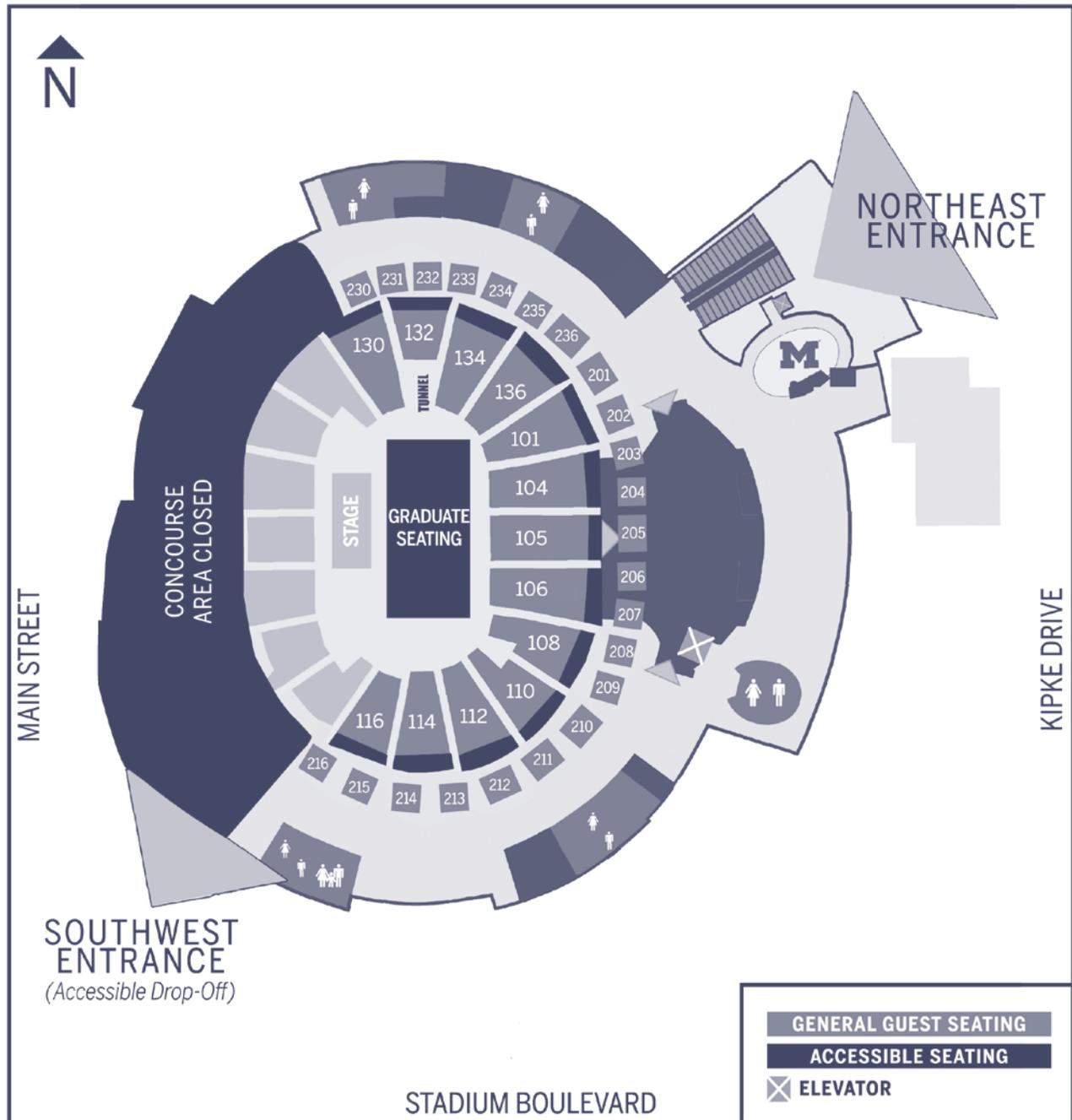
Nondiscrimination Policy Statement

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



#MGoGrad

CRISLER CENTER



The Yellow and Blue

Sing to the colors that float in the light;

Hurrah for the Yellow and Blue!

Yellow the stars as they ride thro' the night,

And reel in a rollicking crew;

Yellow the fields where ripens the grain,

And Yellow the moon on the harvest wain;

Hail!

Hail to the colors that float in the light;

Hurrah for the Yellow and Blue!

The Victors

Hail! to the victors valiant,

Hail! to the conqu'ring heroes,

Hail! Hail! to Michigan

the leaders and best.

Hail! to the victors valiant,

Hail! to the conqu'ring heroes,

Hail! Hail! to Michigan

the champions of the West.

