

Honoring the Class of 2018

UNIVERSITY OF MICHIGAN

Winter Commencement

December 16, 2018 | Crisler Center



Honoring the Class of 2018

WINTER COMMENCEMENT UNIVERSITY OF MICHIGAN

December 16, 2018 2:00 p.m.

Candidates for graduate degrees are recommended jointly by the Executive Board of the Horace H. Rackham School of Graduate Studies and the faculty of the school or college awarding the degree. Following the School of Graduate Studies, schools are listed in order of their founding. Candidates within those schools are listed by degree then by specialization, if applicable.

Horace H. Rackham School of Graduate Studies	23
College of Literature, Science, and the Arts	
Medical School	
Law School	
School of Dentistry	
College of Pharmacy	
College of Engineering	
A. Alfred Taubman College of Architecture and Urban Planning	
School of Education	
Stephen M. Ross School of Business	41
School for Environment and Sustainability	41
School of Music, Theatre & Dance	
School of Nursing	
School of Public Health	
School of Social Work	
University of Michigan-Flint	
University of Michigan-Dearborn	51
School of Information	
Penny W. Stamps School of Art & Design	
School of Kinesiology	
Gerald R. Ford School of Public Policy	

A list of August 2018 degree recipients begins on page 61.

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

ORDER OF EXERCISES

Honoring the Class of 2018

Class of 2018 Procession

Faculty Procession

Platform Party Procession	Crown Imperial <i>Composed by Sir William Walton</i> The University of Michigan Commencement Band Courtney Snyder <i>Associate Director of Bands and Assistant Professor of Conducting</i>
*The National Anthem	The Star Spangled Banner The University of Michigan Men's Glee Club Mark Stover <i>Director</i>
	The University of Michigan Women's Glee Club Julie Skadsem <i>Director</i>
Welcome	Martin A. Philbert Provost and Executive Vice President for Academic Affairs
Greetings on Behalf of the Faculty	E. Neil Marsh Chair, Senate Advisory Committee on University Affairs
Introduction of the President	Jiten Parbhoo Senior, College of Literature, Science, and the Arts
Statement to the Class of 2018	Mark S. Schlissel President
Conferring of Honorary Degrees	Mark S. Schlissel
Musical Performance	The Yellow and Blue The University of Michigan Commencement Band The University of Michigan Men's Glee Club The University of Michigan Women's Glee Club
	Rise and Stand <i>Composed by Arianne Abela</i> The University of Michigan Men's Glee Club The University of Michigan Women's Glee Club

Introduction of the Commencement Speaker	Kavitha Lobo Master's Candidate, School of Social Work
Commencement Address	Lynn Conway Professor Emerita, Computer Scientist, Electrical Engineer, Inventor, Transgender Activist
Presentation and Hooding of Doctoral Candidates in the Horace H. Rackham School	Michael J. Solomon Dean, Horace H. Rackham School of Graduate Studies and Vice Provost for Academic Affairs—Graduate Studies
Recognition of Baccalaureate, Master's, and Other Degrees in Course	Mark S. Schlissel and Deans of the Schools and Colleges (by year of founding)
Congratulations	Ellen Agress Chair of the Board of Directors, Alumni Association
Closing	Martin A. Philbert
*University of Michigan Fight Song	The Victors <i>Composed by Louis Elbel</i> The University of Michigan Commencement Band and the Audience (see lyrics on back cover)
*Recession of the Platform Party	Proud Heritage <i>Composed by William Latham</i> 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

Michael J. Behm	Grand Blanc
Mark J. Bernstein	Ann Arbor
Shauna Ryder Diggs	Grosse Pointe
Denise Ilitch	Bingham Farms
Andrea Fischer Newman	Ann Arbor
Andrew C. Richner	Grosse Pointe Park
Ron Weiser	Ann Arbor
Katherine E. White	Ann Arbor
Mark S. Schlissel	ex officio

EXECUTIVE OFFICERS

Mark S. Schlissel	President
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Sally J. Churchill	Vice President and Secretary of the University
E. Royster Harper	Vice President for Student Life
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Cynthia H. Wilbanks	Vice President for Government Relations
Susan E. Borrego	Chancellor University of Michigan-Flint
Domenico Grasso	Chancellor University of Michigan-Dearborn

DEANS AND REPRESENTATIVES

Michael S. Barr	Joan and Sanford Weill Dean of Public Policy, Gerald R. Ford School of Public Policy
F. DuBois Bowman	Dean, School of Public Health
Elizabeth R. Cole	Interim Dean, College of Literature, Science, and the Arts
James T. Dalton	Dean, College of Pharmacy
Scott DeRue	Edward J. Frey Dean of Business, Stephen M. Ross School of Business (represented by Associate Dean Brad Killaly)
Thomas A. Finholt	Dean, School of Information
Alec D. Gallimore	Robert J. Vlasic Dean of Engineering, College of Engineering
David A. Gier	Dean, School of Music, Theatre & Dance
James L. Hilton	University Librarian and Dean of Libraries
Patricia D. Hurn	Dean, School of Nursing
Jonathan Massey	Dean, A. Alfred Taubman College of Architecture and Urban Planning
Laurie K. McCauley	Dean, School of Dentistry
Elizabeth Birr Moje	Dean, School of Education
Gunalan Nadarajan	Dean, Penny W. Stamps School of Art & Design (represented by Associate Dean Jane Prophet)
Jonathan T. Overpeck	Samuel A. Graham Dean, School for Environment and Sustainability
Lori Ploutz-Snyder	Dean, School of Kinesiology
Marschall S. Runge	Dean, Medical School
Michael J. Solomon	Dean, Horace H. Rackham School of Graduate Studies and Vice Provost for Academic Affairs—Graduate Studies
Lynn Videka	Dean, School of Social Work
Mark D. West	Dean, Law School

MARSHALS OF THE UNIVERSITY

Mika LaVaque-Manty	Arthur F. Thurnau Professor Associate Professor of Political Science and Philosophy Director, Honors Program College of Literature, Science, and the Arts Chief Marshal
Valeria Bertacco	Arthur F. Thurnau Professor Professor of Electrical Engineering and Computer Science College of Engineering Associate Dean for Physical Sciences and Engineering Horace H. Rackham School of Graduate Studies Assistant Chief Marshal
Leigh A. Woods	Professor of Theatre and Drama School of Music, Theatre & Dance Assistant Chief Marshal

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.

Maria Lasonen Aarnio Richard Lee Aaron Mark Steven Ackerman Julia Adler-Milstein Arun Agrawal Sara L. Ahbel-Rappe Gautam Ahuja Christine A. Aidala Paulina Laura Alberto Chandra L. Alston Evelyn Azeeza Alsultany Dante Eric Amidei Elizabeth S. Anderson Renee Anspach Ravi Murthy Anupindi Brian K. Arbic Cynthia M. Arslanian-Engoren Aguemon Yves Atchade Brian D. Athey Arvind Atreya Todd M. Austin Michael Awkward Kathryn Babayan Catherine E. Badgley Jinho Baik Rvan Castle Bailey Wayne E. Baker Deborah Loewenberg Ball Jane C. Banaszak-Holl Moulinath Banerjee Sami J. Barmada Mark A. Barteau Debra Barton Kira L. Barton Jeremy N. Bassis Stuart Arthur Batterman Satinder Singh Baveja Jill B. Becker Jacinta Catherine Beehner Ruth Behar A. Harvey Bell IV Edwin Anthony Bergin Dennis S. Bernstein Aaron Berofsky Kent C. Berridge Valeria M. Bertacco Pallab K. Bhattacharya Vincenzo A. Binetti Julie Suzanne Biteen David Blaauw Jerry O. Blackstone Joel D. Blum Andre L. Boehman Michael Lee Boehnke Tilman M. Borgers Jimo Borjigin Matthew L. Boulton John Bound Iain D. Boyd

Howard Brick Dave Bridges Andre L. **B**rock Charles L. Brooks III Sarah Andrea Burgard Margit Burmeister Chad E. Burrow Christine E. Canman Heather A. Carlson Seth Carnahan Kevin Grav Carr Vernon Bruce Carruthers John Carson Victor Caston Sueann Caulfield Carlos E. Cesnik Yan Chen Zhan Chen Cynthia Anne Chestek Herek Clack Philippa J. Clarke Justin Adam Colacino Elizabeth Ruth Cole Jay Cook Steven Thomas Cundiff Anne Leslie Curzan James W. Cutler Samantha Hayes Daly Neil P. Dasgupta Mark Stephen Daskin Michael K. Daugherty Christian Davenport Raymond K. De Young Alan V. Deardorff Patricia J. Deldin Vincent J. Denef Cheri Xiaoyu Deng Hui Deng Robert J. Denver Gregory James Dick Ivaylo D. Dinov Amy K. Dittmar Robert F. Dittmar Charles R. Doering Dana Dolinoy David R. Dowling R. Paul Drake Ronald Dreslinski, Jr. Nell Kristine Duke Karthik Duraisamy Joseph T. Dvonch Robin Stacey Edelstein Daniel Eisenberg Joseph Neil Eisenberg Marisa Cristina Eisenberg Frieda Ekotto Michael R. Elliott John S. Ellis Bogdan Epureanu

Tulga Ersal Georg Essl Ryan M. Eustice August Evrard Daniel P. Ferris Jeffrev A. Fessler Maria Figueroa Mark G. Flanner Michael Flynn Hugh Scott Fogler Sergey Fomin James Richard Forbes Daniel Barclay Forger Stephen R. Forrest Betsy Foxman Robert J. Franzese, Jr. Peter Louis Freddolino Donald Freeman Johann Gagnon Bartsch Mary E. Gallagher Almantas Galvanauskas Natalia Ganjushkina George A. Garcia Enrique Garcia Santo-Tomas Amanda Lee Garner Anne Ruggles Gere Arline T. Geronimus Eitan Geva Yogesh B. Gianchandani Roman Giger Anna Catherine Gilbert Daniel Mark Gilbert Harry Giles Anouck Renee Girard Sharon C. Glotzer Thomas W. Glover Rachel S. Goldman Tamas I. Gombosi Joseph P. Gone Richard D. Gonzalez Sandra A. Graham-Bermann Peter F. Green Scott Rvan Green Scott Edward Lennarson Greer Jessy W. Grizzle Linda N. Groat Karl Grosh Emanuel Gull Colin Gunckel Sandra R. Gunning David J. Hancock Philip C. Hanna Christopher Todd Harding David James Harding Sioban D. Harlow Marcelline Ruth Harris Kristen S. Harrison Xuming He Zhong He

DISSERTATION CHAIRS

James R. Hines, Jr. Richard A. Hirth Mel Hochster Janean E. Holden Diane Owen Hughes Gregory M. Hulbert Nancy Rose Hunt Mark D. Hunter Dragan Huterer David W. Hutton Daniel J. Inman Edward L. Ionides Kali A. K. Israel Valeriy Y. Ivanov Christiane Jablonowski David Lee Jackson Brian Aaron Jacob Daniel Jacobson Holly Jarman Stefanus Jasin Ann E. Jeffers Kate Jenckes Hui Jiang Eric Johnsen Olivier J. Jolliet Andrew Jones Igor Jovanovic Susan M. Juster Hyun Min Kang Dale G. Karr Nikolaos D. Katopodes Martin Katz Joan Kee Gerald J. Keeler Robert T. Kennedy Gregory A. Keoleian Venkateshwar Keshamouni Sofya Khagi Brian Kiedrowski John Kieffer Kenneth M. Kiesler Aaron Alan King Cheryl A. King Emmanouil Kioupakis Brendan Matthew Kochunas Ilya Vladimir Kolmanovsky Raoul Kopelman Nicole Koropatkin Eric Adam Kort Nicholas Kotov Kenneth Michael Kozloff Paul H. Krebsbach Greta R. Krippner Karl Michael Krushelnick Pei-Cheng Ku Kevin Kubarych Mark Kushner Kristin P. Kuster Francine Lafontaine Jeffrey C. Lagarias Carl Lagoze John E. Laird John P. Laitner Joseph S. C. Lam

Kwai Hung Henry Lam Enrico Landi Rebecca Ann Lange Edward W. Larsen Scott D. Larsen Janet Louise Larson Ronald G. Larson Walter Lasecki Matthew D. Lassiter Lisa Rose Lattuca Yue Ying Lau Daniel Ällen Lawrence John V. Leahy Fiona Lee Honglak Lee Seunggeun Shawn Lee Nicolai Lehnert Stephen G. Leider Judith Leopold Susan Therese Lepri Andrei A. Levchenko Elizaveta Levina Julian Arnold Levinson Marjorie Levinson Sandra R. Levitsky Jun Li Lu Li Israel Liberzon Nina Lin Suljo Linic Roderick J. Little Anatoli N. Lopatin Nancy G. Love William S. Lovejoy Wei Lu David K. Lubensky Stephen A. Lusmann Cindy Ann Lustig Jeffrey Gerard Lyman Jerome P. Lynch Thomas Peyton Lyon Scott Mahlke Ivan Patrick Maillard Kevin John Maki Puneet Manchanda Z. Morley Mao Anna K. Mapp Jason Mars Karin A. Martin William R. Martin Joaquim R. R. A. Martins Jacqueline Simone Mattis Adam J. Matzger Peggy S. McCracken Justin McIntyre Jeffrey John McMahon Anne Jennifer McNeil Oiaozhu Mei Roberto D. Merlin Vilma M. Mesa Mark E. Meyerhoff Edgar Meyhofer Rafael Meza George Michailidis

Eric Michielssen Rada Mihalcea Ann L. Miller Kevin F. Miller Peter D. Miller Richard A. Miller Joanna Mirecki Millunchick Farina Mir Harry L. T. Mobley Sue Moenter Elizabeth B. Moje Sandra Lee Momper Hugh L. Montgomery John Montgomery James J. Moon Bethany B. Moore Regina Morantz-Sanchez Jeffrey D. Morenoff Frederick J. Morrison James D. Morrow Amir Mortazawi Henry I. Mosberg Emily Mower Provost Trevor N. Mudge Andrew G. Muntean Geoffrey G. Murphy Sheila C. Murphy Mircea Immanuel Mustata Raj Rao Nadakuditi Stefan Nagel Pavel Nagorny Khalil Najafi Susan Y. Najita Lisa Ann Nakamura Jayakrishnan Nandakumar Nouri Neamati Lisa C. Nevett Long Nguyen Jun Ni Nathan A. Niemi Douglas C. Noll Markus Nornes Theodore B. Norris Douglas Taylor Northrop Gabriel Nunez Diarmaid O'Foighil Jennifer Ogilvie Chinedum Emmanuel Okwudire Kenn Richard Oldham Terese M. Olson Marie Sylvia O'Neill Gabor Orosz Jason D. Owen-Smith Marios C. Papaefthymiou Panos Y. Papalambros Sung Kyun Park Damani James Partridge Vincent L. Pecoraro Huei Peng Derek R. Peterson Wayne C. Petty Fabian T. Pfeffer Adela N. Pinch Anne Pitcher

DISSERTATION CHAIRS

Scott Pletcher Thad A. Polk Amy K. Porter Brian A. Porter-Szucs David S. Potter Alexander D. Potts Sara A. Pozzi Kartik Prasanna Kerri Pratt Aswin Punathambekar Amiyatosh Kumar Purnanandam Andrew James Putnam Jianming Qian Yin-Long Qiu Daniel Rabosky James M. Rae Stephen W. Ragsdale Peter A. Railton Uday Rajan Venkatramanan Raman Christopher John Ratte C. David Remy Nilton O. Renno Lars Rensmann Patricia A. Reuter-Lorenz Shai Revzen Katie Richards-Schuster Alexander Rickard Keith Riles Jeroen Ritsema Terry E. Robinson Eugene Cardell Rogers, Jr. Mark Steven Rosentraub Mark Rudelson Brandon Thomas Ruotolo Laurent Sachs Kazuhiro Saitou Melanie S. Sanford Pramod Sangi Reddy Phillip E. Savage Corinna Schindler Grant Schoenebeck Michael C. Schoenfeldt Johann W. Schwank Anna A. S. Schwendeman Clayton D. Scott Peter J. Scott Rebecca J. Scott Kristin S. Seefeldt Rachael D. Seidler David Samuel Sept Luke Shaefer Priti R. Shah Vikram Shakkottai Matthew D. Shapiro Kerby A. Shedden David H. Sherman Yaovun Shi Andrew J. Shrvock Tyler G. Shumway Donald Jason Siegel Vanessa Sih David Jacob Singer Amitabh Sinha

Mrinalini Sinha Jagadeesh Sivadasan Logan Skelton James Arthur Slavin Joel B. Slemrod Janet L. Smith Karen E. Smith Stephen A. Smith Michael J. Solomon Clell J. Solomon Jr. Peter Xuekun Song Jason Spence Gretchen Marie Spreitzer Paolo Squatriti Srinivasaraghavan Sriram Frank P. Stafford Karen M. Staller Anna G. Stefanopoulou Jan Philip Stegemann Jeffrey L. Stein Corey Stephenson Alexandra Minna Stern Stilian Atanasov Stoev Martin J. Strauss Duxin Sun Megan L. Sweeney Dennis Michael Sylvester Maxim Vitalyevich Sytch Nathaniel Szymczak Andrew W. Tai Lingjia Tang Gregory Tarle Dorceta E. Taylor Jeremy Michael George Taylor John J. G. Tesmer Alexander George Roy Thomas Levi Theodore Thompson Katsuyo S. Thornton Michael Thouless Greg Michael Thurber Dawn M. Tilbury Gabor Toth Valerie J. Traub Natalie Tronson Leung Tsang Ivy Tso Alexander Tsodikov Anish Tuteja Hector Valdivia Nicholas A. Valentino Greg van Anders Ben van der Pluijm Mark Peter Van Öyen John H. Vandermeer Gustavo Verdesio Kristen J. Verhey Roman Vershvnin Divakar Viswanath Brenda L. Volling Peter David von Buelow Johannes von Moltke Anthony Waas Kon-Well Wang Shaomeng Wang

Yanzhuang Wang Lucretia M. Ward Kenneth E. Warner Brian James Weatherson Lois S. Weisman Stephen J. Weiss Henry M. Wellman Fei Wen Xiaoquan William Wen David D. Wentzloff James D. Westphal Toni Marion Whited Krista Wigginton Thomas E. Wilson Jean D. Wineman Herbert Graves Winful Patricia Wittkopp Aaron Samuel Wolf Sunny Y. Wong Kevin Wood Sijue Wu Elizabeth Yakel Dean C. Yang Ralph T. Yang Melanie R. Yergeau Euisik Yoon Dimitrios Zekkos Dominika Kamila Zgid Yang Zhang Zhengya Zhang Shuheng Zhou Yue Maggie Zhou Ji Zhu Yuan Zhu Claire A. Zimmerman Marc A. Zimmerman Paul Zimmerman Michal R. Zochowski Sebastian K. Zoellner Shasha Zou Weiping Zou

Lynn Conway

Doctor of Science



Lynn Conway, University of Michigan professor emerita of electrical engineering and computer science and internationally recognized transgender advocate, is renowned for her seminal contributions to computer science, including development of a unified structural methodology that demystified the silicon chip design process and triggered the very-large-scale integration (VLSI) revolution in Silicon Valley. Born in Mount Vernon, New York, Professor Conway, named and raised as a boy, identified as a girl from a young age. After earning her B.S. (1962) and M.S.E.E. degrees (1963) from Columbia University's School of Engineering and Applied Science, she joined IBM Research. In 1965, she invented dynamic instruction scheduling (DIS), a method to issue multiple out-of-order instructions per machine cycle, a fundamental breakthrough in computer architecture. In sharing her personal story, Professor Conway tells how IBM fired her in 1968 as she began gender transition. After

her transition, she covertly established a new identity and became a successful woman engineer, working first at Memorex Corp. and then at Xerox Palo Alto Research Center, where she did her VLSI systems work. Many thousands of chip designers learned their craft from Introduction to VLSI Systems (1980), which she co-authored with California Institute of Technology professor Carver Mead. Later, as assistant director for strategic computing at the Defense Advanced Research Projects Agency, she created the meta-architecture and led the planning of the Strategic Computing Initiative, a major research program aimed at building a technology base for the development of machine intelligence. Professor Conway joined U-M's faculty in 1985, where her research focus was visual communications and control. As an associate dean in the College of Engineering, she contributed to numerous research and instructional initiatives, including the building of the Media Union, and retired from the University in 1998. The following year, as computer historians began uncovering her role in DIS development, she decided to come out and share her transgender history. Since then, she has worked to protect and expand the rights of transgender people and to illuminate and normalize gender variance and gender transition processes through her widely accessed website. Professor Conway, who lives with her engineer husband Charles Rogers, is a fellow of the Institute of Electrical and Electronics Engineers (IEEE), a fellow of the American Association for the Advancement of Science, and a member of the National Academy of Engineering. Among other accolades, she is the recipient of the Franklin Institute John Price Wetherill Medal, the University of Pennsylvania Harold Pender Award, the Secretary of Defense Meritorious Achievement Award, the Society of Women Engineers National Achievement Award, the Computer Pioneer Award of the IEEE Computer Society, the Computer History Museum Fellow Award, and the James Clerk Maxwell Medal of the IEEE and the Royal Society of Edinburgh.

Professor Conway has helped shape our information age through her strong leadership in the computer science field, numerous groundbreaking contributions to computer architecture and microelectronics design, and the education of computer scientists and engineers. Through her advocacy and by courageously sharing her story, she has enhanced awareness of gender variance and transgenderism, and shown young people mis-gendered at birth that they can excel at the highest levels, personally and professionally. The University of Michigan proudly presents to her the honorary degree, Doctor of Science.

Rita Dove

Doctor of Fine Arts



Rita Dove, Pulitzer Prize-winning poet, Commonwealth Professor of English at the University of Virginia, and former U.S. poet laureate, is known for the lyricism and beauty of her writing. Born in Akron, Ohio, Professor Dove read widely as a child. She visited the White House as a Presidential Scholar during her senior year in high school, the first of several occasions she was honored by an American president. She graduated summa cum laude with a bachelor's degree (1973) in English from Ohio's Miami University, studied at Universität Tübingen in Germany as a 1974-75 Fulbright fellow, and earned her M.F.A. (1977) from the University of Iowa's Writers' Workshop. A member of the University of Virginia faculty since 1989, in 1993 Professor Dove was named U.S. poet laureate, the youngest and only the second woman to earn this honor. She traveled widely during her two-year term, sparking interest in the literary arts with her public appearances. She also served as poet laureate of Virginia

from 2004 to 2006. Professor Dove launched her career with her poetry collections The Yellow House on the Corner (1980) and Museum (1983). She won the 1987 Pulitzer Prize for Thomas and Beulah, a verse sequence reflecting on the lives of her maternal grandparents. Her fourth poetry book, Grace Notes, won the 1990 Ohioana Book Award. Michigan Quarterly Review has published Professor Dove's work on several occasions, including her poem "Arrow," an excerpt from her novel Through the Ivory Gate (1992), and several poems from her book-length saga Sonata Mulattica (2009), winner of the Hurston/Wright Legacy Award. Other collections include Mother Love (1995); On the Bus with Rosa Parks, which was a 1999 New York Times Notable Book of the Year; and American Smooth (2004). Her Collected Poems: 1974-2004 was a 2016 National Book Award finalist and won the NAACP Image Award in Literature. She authored the short story collection Fifth Sunday (1985), essays under the title The Poets World (1995), and the play The Darker Face of the Earth (1994), which was performed at Washington's Kennedy Center and London's Royal National Theatre. She also has written lyrics for such noted composers as Tania León and John Williams. She edited The Best American Poetry 2000 and The Penguin Anthology of 20th-Century American Poetry (2011), and she currently serves as The New York Times Magazine's poetry editor. President Bill Clinton presented her with the 1996 National Humanities Medal, and President Barack Obama awarded her the 2011 National Medal of Arts; she is one of only four authors ever to receive both medals. Other accolades include the Fulbright Lifetime Achievement Medal and the Heinz Award in the Arts and Humanities. Professor Dove is a member of the American Academy of Arts and Letters, the American Academy of Arts and Sciences, and the American Philosophical Society.

Professor Dove challenges and delight readers with her poems and other writings, acclaimed for their exquisite detail and the range of topics they address in novel ways, from different art forms to historical and political events. As poet laureate, teacher and mentor of aspiring writers, and advocate for cultural diversity in literature, she has raised public awareness of and appreciation for the literary arts and profoundly influenced American letters. The University of Michigan is privileged to present to her the honorary degree, Doctor of Fine Arts.

James Hackett

Doctor of Laws



University of Michigan alumnus James Hackett, president and chief executive officer (CEO) of Ford Motor Company and retired president and CEO of Steelcase Inc., is recognized internationally for his transformational leadership. Born in Columbus, Ohio, Mr. Hackett earned a B.G.S. degree (1977) from U-M, specializing in finance, and played center under football coach Bo Schembechler. After starting his career at P&G, he joined Grand Rapids-based Steelcase, a leader in the office furniture industry, in 1981. Starting in sales and marketing, he rose through the ranks and became president in 1994 at age 39, becoming one of the youngest Fortune 500 CEOs in America. Mr. Hackett led Steelcase through a series of transformations that positioned it to thrive in a rapidly evolving global market. He helped the company transform the way people work, moving from cubicles to open, collaborative workspaces. After retiring from Steelcase in February 2014, he was named U-M's interim athletic director that fall. He oversaw the completion of the physical

transformation of the athletic campus, negotiated a multi-year apparel contract with Nike, the largest in U-M history, hired football coach Jim Harbaugh, and played an integral role in the appointment of athletic director Warde Manuel in 2016. A Ford Motor Company board member since 2013 and president and CEO since 2017, Mr. Hackett is guiding yet another transformation — the automaker's transition to a car and mobility company. Under his leadership, Ford is redefining the American car of today while also creating a mobility ecosystem of tomorrow that will connect downtown Detroit, Ford's Dearborn headquarters, the American Center for Mobility in Ypsilanti Township, and U-M's Ann Arbor campus. During his career, he also served on the boards of Northwestern Mutual, Fifth Third Bank, the National Center for Arts and Technology, and the Institute of Design Board of Overseers at the Illinois Institute of Technology. Mr. Hackett has generously supported the University for more than four decades, including service on the advisory boards of the Life Sciences Institute and the Gerald R. Ford School of Public Policy. He and his wife Kathy Hackett support Ford School students through two sustaining endowments — the Lee C. Bollinger Award for second-year students and the James and Kathy Hackett Family Fellowship Fund. The Hacketts also support U-M Depression Center programs to raise awareness and reduce the stigma around depression and related illnesses, on campus and in the community. When two lawsuits challenged the use of race in U-M admission policies to achieve a diverse student body, Mr. Hackett helped enlist 100 companies to join one of two defining amicus briefs supporting the University's diversity ideals, which the Supreme Court upheld in 2003.

Throughout Mr. Hackett's exemplary career at Steelcase and Ford Motor Company, he has championed new ways to respond to opportunities afforded by technological breakthroughs and rapid changes in the marketplace and society, and inspired his colleagues to re-imagine and embrace new possibilities. He also has given liberally of his time, energy, and resources in support of the University, as interim athletic director and champion of U-M's values and academic and research missions. The University of Michigan is pleased to present to him the honorary degree, Doctor of Laws.

Elizabeth Nabel

Doctor of Science



Elizabeth Nabel, president of the Harvard Universityaffiliated Brigham Health and professor of medicine at Harvard Medical School since 2010, ranks among academic medicine's most respected leaders. A gifted biomedical researcher and wellness advocate, Dr. Nabel joined the University of Michigan's Medical School faculty in 1987 and became director of the Cardiovascular Research Center in 1992. She made history with her 1997 appointment as U-M's first woman chief of cardiology. A native of St. Paul, Minnesota, Dr. Nabel earned a B.A. degree (1974) from St. Olaf College, an M.D. (1981) from Weill Cornell Medical College in New York City, and completed her internal medicine and cardiology training at Brigham and Women's Hospital. As head of Brigham Health, she is responsible for patient care, research, education, and community missions at Brigham and Women's Hospital, Brigham and Women's Faulkner Hospital, and the Brigham and Women's Physician

Organization. She also leads Brigham Health's \$1.5 billion life-giving breakthroughs campaign. She has made substantial contributions to the understanding of the molecular genetics of cardiovascular diseases, including clarifying fundamental processes of cell division and growth of vascular smooth muscle cells in blood vessels. The author of more than 250 scientific articles, she holds 17 patents, has co-edited two books on coronary artery disease, and has served on several journal editorial boards. In 1999, she was appointed scientific director of the National Heart, Lung, and Blood Institute (NHLBI) at the National Institutes of Health, where she established a research study for genes related to chronic diseases, including cardiovascular, as part of the long-running Framingham Heart Study. As the NHLBI's director from 2006 to 2009, Dr. Nabel leveraged a \$3 billion research portfolio to establish pioneering programs in genomics and stem cells, stem and progenitor cell biology, and translational research. She also launched the Red Dress Heart Truth campaign to raise heart awareness in women and advocated in Congress for increased biomedical research funding. Dr. Nabel is co-founder of the Global Alliance for Chronic Diseases, an alliance of health research institutions that support research and outreach activities to treat and prevent chronic non-communicable diseases in developing countries. In 2015, the National Football League appointed her its first chief medical adviser. Dr. Nabel serves on the boards of Ariadne Labs, the Boys & Girls Club of Boston, the Broad Institute, and Moderna Therapeutics, and previously has served on the Howard Hughes Medical Institute Medical Advisory Board. She is a member of the American Academy of Arts and Sciences, the American Society for Clinical Investigation, the Association of American Physicians (AAP), the National Academy of Medicine, and a fellow of the American Association for the Advancement of Science. Among other honors, she is the recipient of the Greater Boston Chamber of Commerce Distinguished Bostonian Award, the AAP George M. Kober Medal, and several American Heart Association awards.

Dr. Nabel, in addition to being recognized as one of the world's preeminent leaders in academic medicine, is known for her groundbreaking contributions to our understanding of the genetics of cardiovascular diseases, her leadership in health advocacy, and her commitment to broadening access to quality care. She inspires us with her passion for research and dedication to improving health outcomes for patients through translational research. The University of Michigan is delighted to welcome her back to campus and proud to present to her the honorary degree, Doctor of Science.

STUDENT SPEAKERS

Kavitha Lobo

Candidate for Master of Social Work, School of Social Work

Kavitha Lobo, who is from San Diego, California, earned a B.A. degree from Cornell University in 2016 and is graduating with her M.S.W. in interpersonal practice with a mental health concentration. She counsels clients with trauma histories at The Women's Center of Southeastern Michigan, works as a research assistant at U-M's Gender and Health Research Lab, and represents her classmates on the School of Social Work Student Union. She embarked on a global independent study in Geel, Belgium, a town known for humanely caring for people with mental illness, and enjoys playing the bells on the University's two carillons. She begins a two-year fellowship at Michigan Medicine in 2019 and plans to pursue a doctorate and a career that combines clinical social work, teaching, and research.

Jiten Parbhoo

Senior, College of Literature, Science, and the Arts

Jiten Parbhoo, a first-generation college student from Greenville, South Carolina, and an economics major, grew up working in his parents' dry cleaning business. He believes in the power of finance to fuel social change and is founding president of U-M's Impact Investing Group, which educates students about how finance can yield both profits and social and environmental benefits. He has interned at several financial institutions and spent a month this summer hiking and working at an organic vegetable farm in New Zealand. His next adventure is hiking in Patagonia before joining the Chicago-based investment bank Marathon Capital as an analyst, working on renewable energy investments. His long-term goals include starting an impact investing firm and advancing clean, renewable energy in developing countries.

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	Madeline Hibbs-Magruder
Medical School	(not represented)
Law School	Erin Hoya
School of Dentistry	Zehra Zaid
College of Pharmacy	(not represented)
College of Engineering	Monica Bian
Horace H. Rackham School of Graduate Studies	Linda Leckrone
A. Alfred Taubman College of Architecture and Urban Planning	(not represented)
School of Education	Ann Luke
Stephen M. Ross School of Business	Christopher Wyzlic
President's flag	on stage
University flag	on stage
Regents' flag	on stage
School for Environment and Sustainability	(not represented)
School of Music, Theatre & Dance	Ellen Sauer
School of Nursing	Jennifer Chioma Ezeokobe
School of Public Health	Thomas Gonzalez
School of Social Work	Allie L. VanSickle
University of Michigan-Flint	Lucine Jarrah
University of Michigan-Dearborn	Bryan J. Assenmacher
School of Information	Megan Louise Holmes
Penny W. Stamps School of Art & Design	Sydney Fuller
School of Kinesiology	Cameron Michael Kennedy
Gerald R. Ford School of Public Policy	(not represented)

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.

THE UNIVERSITY SEAL

The lantern represents liberal learning and symbolizes enlightenment. The banner, "artes, Scientia, Veritas," encourages each student to commit to in-depth and systematic study, through disciplinary and professional knowledge. The rays of the sun represent personal growth. The outer rings symbolize social responsibility.

ACADEMIC COLORS

The colors of the various disciplines are as follows:

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

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 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 for Environment and Sustainability	The clear-cutting of Michigan's densely forested wilderness was well under way when the University of Michigan began offering courses in forestry in 1881—the first university in the United States to do so. The year 1903 saw the creation of a Department of Forestry, forerunner of today's School for Environment and Sustainability (SEAS). The school's students and faculty organized the famous 1970 Teach-In on the Environment (the prototype of Earth Day), and incubated the scholarly disciplines of Environmental Justice, Environmental Education, and Environmental Informatics. From its inception as a forestry school to the interdisciplinary institution it is today, SEAS has always prepared leaders to understand and solve the major environmental challenges of the era.

School of Music, Theatre & Dance	Consistently ranked among the top performing arts schools in the nation, and one of the oldest, the School of Music, Theatre & Dance is committed to creating an environment of educational and artistic excellence, nurturing creativity, academic integrity, and professionalism in its students and faculty. With degrees offered at the bachelor's, master's, and doctoral levels, the School is deeply engaged in the creation, practice, scholarship, and pedagogy of music, theatre, and dance. It fosters a spirit of social responsibility and principled entrepreneurship, and serves the community and state of Michigan through public performances, cultural resources, arts education, and outreach programs.
School of Nursing	The University of Michigan School of Nursing (UMSN) is an international leader in the advancement of nursing knowledge and strategies to improve health care. In addition to the four-year BSN program and the second career in nursing program, UMSN has a robust offering of graduate programs. Students are prepared to be leaders in advanced clinical practice through our M.S.N. and post-baccalaureate Doctorate of Nursing Practice (DNP) programs. Students can also lead and effect change through the M.S.N. or post-masters DNP programs in systems, populations and leadership. UMSN's prestigious Ph.D. and postdoctoral programs prepare nurse scientists to develop the knowledge necessary to support and advance nursing practice.
School of Public Health	Founded in 1941 and ranked among the country's top public health schools, the University of Michigan School of Public Health educates more than 1,000 graduate and undergraduate students each year. With over 170 faculty and researchers across six departments and numerous collaborative centers and institutes, the school brings interdisciplinary, innovative solutions to complex health challenges, including chronic and infectious diseases, obesity and food insecurity, health care quality and cost, climate change and environmental factors, and socioeconomic inequalities and their impact on health. Compassion, innovation, and inclusion drive the faculty, staff, students, and 15,000 alumni of Michigan Public Health to pursue positive change and lasting impact on the health of the world.
School of Social Work	The program in social work began in 1921, and was granted the status of a school in 1951. Faculty maintain high research productivity while teaching an innovative curriculum. At the master's level, the school prepares professional practitioners for work with individuals, children and their families, the aged, organizations, and communities. Students may focus their studies in the fields of substance abuse, mental health, education, child welfare, program evaluation, and public policy. The joint doctoral program in social work and social science is one of a kind and prepares students for academic and research careers. Graduates of both programs are found in leadership positions around the world. The School of Social Work consistently ranks as one of the best in the nation.
School of Information	A formal program began in 1926, when the Department of Library Science was created in the College of Literature, Science, and the Arts. In 1948, offerings became entirely graduate and a doctoral program was inaugurated. Establishment of an independent school, committed to the interdisciplinary study of information and library principles, came in 1969. In response to the rapid change brought on by present technology, the school broadened significantly further in the 1990s. It now pursues a highly interdisciplinary approach to educate professionals who will serve as leaders in the information age. Recognizing this broader mission, the school was renamed the School of Information in 1996.

Penny W. Stamps School of Art & Design	The Penny W. Stamps School of Art & Design traces its history at the University to visual arts education in the late 19th century, awarding its first degree in 1960, and becoming a University of Michigan school in 1974. In 2002, the school launched a unique curriculum that prompted the National Association of Schools of Art and Design to report, "The School of Art & Design and the University of Michigan have created an opportunity to lead the academic conversation in art and design in this country." The school prepares graduates for a broad range of creative professions through its undergraduate and graduate programs. Commitment to the integration of art and design, community engagement, international experience, connections to the academic resources of the University, interdisciplinary pursuit, and public presentation of creative work are required of all majors.
School of Kinesiology	Kinesiology has been part of the University of Michigan curriculum since the turn of the 20th century and joined the ranks for the schools and colleges as an independent unit in 1984. Concentrations have the common thread of human movement and span a wide range including movement science, physical education, sport management, and athletic training. Kinesiology prepares undergraduates for careers as diverse as medicine and physical therapy to athletic administration, marketing, and law. Master's and doctoral students expand their opportunities in higher education, research, health care, public health or medicine, business, and law.
Gerald R. Ford School of Public Policy	The Ford School at the University of Michigan is a community dedicated to the public good. It inspires and prepares diverse leaders grounded in service, conducts transformational research, and collaborates on evidence-based policymaking to take on our communities' and our world's most pressing challenges. 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 the first graduate program in municipal administration in the United States. In 1968, the University of Michigan launched the Institute for Public Policy Studies as the nation's first public policy degree program, pioneering interdisciplinary social science as a core emphasis of the program, becoming the gold-standard for graduate policy education. 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, Michael J. Solomon, Dean and Vice Provost for Academic Affairs-Graduate Studies

Doctor of Musical Arts

John Raymond Daugherty, Field of Specialization: Music Performance. Music Performance Dissertation.

Doctor of Philosophy

- Fatemeh Akbar, Field of Specialization: Electrical Engineering. Dissertation: New Architectures for Low Complexity Scalable Phased Arrays.
- Luis Alejandro Alejos Marroquin, Field of Specialization: Public Policy and Economics. Dissertation: Three Essays in Public Finance in Developing Countries.

Gregory Ariail, Field of Specialization: English Language and Literature. Dissertation: Kafka's Copycats: Imitation, Fabulism, and Late Modernism.

- **Torey Ray Arnold**, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Cells Have Feelings Too: How Cells Generate and Respond to Mechanical Cues in Tissues.
- Julian Carlos Bahr, Field of Specialization: Cancer Biology. Dissertation: Macrophage-Dependent Trafficking and Remodeling of Extracellular Matrix Barriers.
- Joseph Daniel Bazzill, Field of Specialization: Pharmaceutical Sciences. Dissertation: Formulation of Lipid Nanoparticles with Viral Subunit Antigens for Vaccination.
- Jonathan Robert Bezenah, Field of Specialization: Chemical Engineering. Dissertation: Evaluating an Alternative Endothelial Cell Source to Vascularize Engineered Tissue Constructs.
- Sumit Bhatnagar, Field of Specialization: Chemical Engineering. Dissertation: Orally Available Near Infrared Imaging Agents for the Early Detection of Diseases.
- Bijay Tilak Bhattarai, Field of Specialization: Chemistry. Dissertation: Cannogenol and Related Cardiotonic Steroids: Concise Synthesis and their Anticancer Activity Evaluation.
- Zicheng Bi, Field of Specialization: Natural Resources and Environment. Dissertation: Life Cycle Analysis and Optimization of Wireless Charging Technology to Enhance Sustainability of Electric and Autonomous Vehicle Fleets.
- Quinn Cochran Burlingame, Field of Specialization: Electrical Engineering. Dissertation: Operational Stability and Charge Transport in Fullerene-Based Organic Solar Cells.
- Ryan Christopher Cardinale, Field of Specialization: Psychology. Dissertation: Treatment Response in Depression: Predictors and Moderators of Outcome.
- Jedidiah Elliot Carlson, Field of Specialization: Bioinformatics. Dissertation: Mapping the Landscape of Mutation Rate Heterogeneity in the Human Genome: Approaches and Applications.
- Abigail Eugenia Celis, Field of Specialization: Romance Languages and Literatures French. Dissertation: Unsettled Belongings: Poetics of Objects in Migration Narratives of France and the Francophone African Diaspora.

- Wallace Chan, Field of Specialization: Biological Chemistry. Dissertation: Development and Application of Virtual Screening Methods for G Protein-Coupled Receptors.
- Jin Woo Chang, Field of Specialization: Business Administration. Dissertation: Three Essays in Employee Mobility.
- Yi Chen, Field of Specialization: Mechanical Engineering. Dissertation: High-accuracy Motion Estimation for MEMS Devices with Capacitive Sensors.
- Peter James Chockley, Field of Specialization: Immunology. Dissertation: Natural Killer Cell Immune Surveillance of Cancer.
- **Shao Teng Chong**, Field of Specialization: Mechanical Engineering. Dissertation: Modeling of Turbulent Sooting Flames.
- Kyojin David Choo, Field of Specialization: Electrical and Computer Engineering. Dissertation: Charge-Domain Analog/Mixed-Signal Circuits and Applications.
- **Kimberly Wen Chun Chuang**, Field of Specialization: Philosophy. Dissertation: An Account of Contributive Justice.
- **Cornelius Cilliers**, Field of Specialization: Chemical Engineering. Dissertation: Improving Antibody-drug Conjugate Tumor Distribution and Efficacy Using Single-Cell Imaging and Multiscale Modeling.
- **Erica L. Cooper**, Field of Specialization: Nutritional Sciences. Dissertation: Assessing the Linkages Between a Processing-Based Dietary Index and Nutrient Intakes, Obesity, and the Gut Microbiome Among Bolivian Women in a Region Undergoing the Nutrition Transition.
- Longji Cui, Field of Specialization: Mechanical Engineering. Dissertation: Probing Heat Transport and Energy Conversion at the Atomic and Single Molecule Scale.
- Kimberly Rose Daley, Field of Specialization: Chemistry. Dissertation: Solvation Dynamics of Concentrated Aqueous Polymer Mixtures: A Two Dimensional Infrared Spectroscopy Study.
- Ali Darvishian, Field of Specialization: Electrical and Computer Engineering. Dissertation: Design and Analysis of Extremely Low-Noise MEMS Gyroscopes for Navigation.
- Ziah Dean, Field of Specialization: Biophysics. Dissertation: Antibiotic Interactions, Collateral Sensitivity, and the Evolution of Multidrug Resistance in E. faecalis.
- **Diana Dillstrom**, Field of Specialization: Biomedical Engineering. Dissertation: Systematic Optimization of Bone Pharmaceuticals to Maximize Therapeutic Response in Conditions of Low Bone Mass.
- Xinqiang Ding, Field of Specialization: Bioinformatics. Dissertation: Methodological Advances for Drug Discovery and Protein Engineering.

- Horatiu Cosmin Dragnea, Field of Specialization: Aerospace Engineering. Dissertation: Development and Application of Multidimensional Computational Models for Hall Thrusters.
- Martin Chasely Schneider Dwelle, Field of Specialization: Environmental Engineering. Dissertation: Addressing Variability in Hydrologic Systems Using Efficient Uncertainty Quantification.
- Anna K. Edmonds, Field of Specialization: Philosophy. Dissertation: Epistemic Norms and the Normativity of Belief.
- Harvey M. Elliott, Field of Specialization: Atmospheric, Oceanic and Space Sciences. Dissertation: Using Multipath Interference to Probe Subsurface Soil Properties on Mars and Beyond.
- James Thomas Erbaugh, Field of Specialization: Natural Resources and Environment. Dissertation: Forest Landscapes and Institutional Transition: Essays Examining Sociopolitical and Forest Cover Change in Indonesia.
- **Corey Everlove**, Field of Specialization: Mathematics. Dissertation: Meromorphic Dirichlet Series.
- **Roland Yue Fang**, Field of Specialization: Business Administration. Dissertation: Three Essays in Monetary Economics and Banking.
- Jared Owens Ferguson, Field of Specialization: Applied Physics. Dissertation: Bridging Scales in 2- and 3-Dimensional Atmospheric Modeling with Adaptive Mesh Refinement.
- Stephen Alexander Ferguson, Field of Specialization: Chemistry. Dissertation: Advancements in Electrochemical and Optical Detection, Quantification, and Characterization of Cosmetic/Industrial Polyelectrolytes.
- **Brittany Noel Flores**, Field of Specialization: Cellular and Molecular Biology. Dissertation: Mechanisms of Neurodegeneration in ALS and FTD.
- **Rebecca D. Frank**, Field of Specialization: Information. Dissertation: The Social Construction of Risk in Trustworthy Digital Repository Audit and Certification.
- Zhenyu Gan, Field of Specialization: Mechanical Engineering. Dissertation: Exploring Passive Dynamics in Legged Locomotion.
- Heather Joan Ferguson George, Field of Specialization: Electrical Engineering. Dissertation: Electron Dynamics of TiN Thin Films and InGaN/GaN Dot-in-Nanowires.
- Stephanie Florence Gerretsen, Field of Specialization: Sport Management. Dissertation: Sport-led Urban Development Strategies: An Analysis of Changes in Built Area, Land Use Patterns, and Assessed Values Around 15 Major League Arenas.
- Heather Elissa Goetsch, Field of Specialization: Environmental Engineering. Dissertation: Understanding Microbial Agents and Exposures through the Collection and Production of Urine-Derived Fertilizers.
- Thomas Lorenzo Gonzalez, Field of Specialization: Toxicology. Dissertation: Role of Environmental Estrogens and Acquired Endocrine Resistance in Breast Cancer and Implications for Treatment with Novel Antiestrogens.

- Matt Graham, Field of Specialization: Naval Architecture and Marine Engineering and Scientific Computing. Dissertation: Numerical Analysis of Local and Global Hydroelastic Response of Wetdeck Slamming Events on Multihull Vessels.
- Justin Samuel Gray, Field of Specialization: Aerospace Engineering. Dissertation: Design Optimization of a Boundary Layer Ingestion Propulsor Using a Coupled Aeropropulsive Model.
- Han Guo, Field of Specialization: Electrical Engineering. Dissertation: Efficient Algorithms for Light Transmission, Focusing and Scattering Matrix Retrieval in Highly Diffusive 3D Random Media.
- John David Haiducek, Field of Specialization: Atmospheric, Oceanic and Space Sciences and Scientific Computing. Dissertation: Exploring Magnetotail Structure and Dynamics with Magnetohydrodynamic Simulations.
- Lillian Virginia Alyce Hale, Field of Specialization: Chemistry. Dissertation: Interconversion and Interception of Reactive Intermediates Using H2.
- Naima Lillian Hall, Field of Specialization: Environmental Health Sciences. Dissertation: An Investigation of Sources and Processes Impacting Mercury Dry Deposition.
- Zachary Bradley Hallock, Field of Specialization: Greek and Roman History. Dissertation: Foundations of History: The Emergence of Archival Records at Rome in the Fourth Century BCE.
- Erin Miller Hamilton, Field of Specialization: Architecture and Natural Resources and Environment. Dissertation: Positive Sustainable Built Environments: The Cognitive and Behavioral Affordances of Environmentally Responsible Behavior in Green Residence Halls.
- Kookyoung Han, Field of Specialization: Economics. Dissertation: Quality of Information, Survival, and Incentives.
- **Grant Masata Hanada**, Field of Specialization: Biomedical Engineering. Dissertation: Mobile Brain and Body Imaging during Walking Motor Tasks.
- **Innocence C. Harvey**, Field of Specialization: Nutritional Sciences. Dissertation: Adipose and Muscle Tissue in Glucocorticoid-Induced Metabolic Disease.
- **Chaozhe He**, Field of Specialization: Mechanical Engineering. Dissertation: Saving Fuel for Heavy-Duty Vehicles Using Connectivity and Automation.
- M-Niclas Heckner, Field of Specialization: Germanic Languages and Literatures and Screen Arts and Cultures. Dissertation: Embodied Historiographies: Affect and Realism in the "Medal of Honor" and "Call of Duty" Franchises after "Saving Private Ryan".
- Sonia Tara Hegde, Field of Specialization: Epidemiological Science. Dissertation: The Science of Human Connection: A Study of the Effect of Social Networks on Acute Gastrointestinal Illness in Rural Ecuadorian Communities.
- **Brandt Chandler Huddle**, Field of Specialization: Medicinal Chemistry. Dissertation: Development of Cancer-Stem-Cell Targeting Pan-Aldehyde Dehydrogenase Inhibitors as an Adjunct to Chemotherapy in the Treatment of Ovarian Cancer.

- **Gregory James Hunt**, Field of Specialization: Statistics. Dissertation: Cell Type Deconvolution and Transformation of Microenvironment Microarray Data.
- Mikell Alexandra Hyman, Field of Specialization: Sociology. Dissertation: Land of Broken Promises: Classification Struggles and the Reorganization of Municipal Pensions in Detroit's Bankruptcy.
- Sunmin Jang, Field of Specialization: Electrical Engineering. Dissertation: A CMOS Digital Beamforming Receiver.
- Michael Gregory Jarrett, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: A 2D/1D Neutron Transport Method with Improved Angular Coupling.
- Emmanuelle Jecrois, Field of Specialization: Neuroscience. Dissertation: Early Inhibition of the MAPK Pathway Prevents Optic Nerve Glioma Formation in a Nf1-Deficient Mouse Model.
- YeonJoo Jeong, Field of Specialization: Electrical Engineering. Dissertation: Bio-Inspired Neuromorphic Computing Using Memristor Crossbar Networks.
- Lauren Jepsen, Field of Specialization: Bioinformatics. Dissertation: Nucleotide and Polymerization Effects on Actin Structure and Dynamics.
- **Oleta T. Johnson**, Field of Specialization: Chemical Biology. Dissertation: Adaptation of Chemical Biology Approaches for Dissecting Disordered Protein Dynamics.
- Alexandr Kalinin, Field of Specialization: Bioinformatics. Dissertation: Cell Nuclear Morphology Analysis Using 3D Shape Modeling, Machine Learning and Visual Analytics.
- Yu-Han Kao, Field of Specialization: Epidemiological Science. Dissertation: Dynamics, Underlying Mechanisms, and Uncertainty in Environmentally Driven Infectious Diseases.
- Adam Joshua Katcher, Field of Specialization: Physics. Dissertation: Optical Studies of Indium Gallium Nitride Nanostructures.
- **Gareth David Keeves**, Field of Specialization: Business Administration. Dissertation: The Ontology of Communications: Capturing Meaning From Organizational Communications.
- Joss R. Kiely, Field of Specialization: Architecture. Dissertation: Itinerant Architecture: Global Politics and World Building in the Work of Minoru Yamasaki and Associates, 1951-86.
- Ji Young Kim, Field of Specialization: Materials Science and Engineering. Dissertation: Asymmetry of Inorganic Nanostructures.
- Huiyun Kim, Field of Specialization: Social Work and Sociology. Dissertation: Housing Insecurity and Low-Income Housing Policy in the United States.
- Ryan Christopher Kitson, Field of Specialization: Aerospace Engineering. Dissertation: Fluid-Structure-Jet Interaction Effects on High-Speed Vehicles.
- **David Elliott Kline**, Field of Specialization: Mechanical Engineering. Dissertation: Geometric Design of Independent Suspension Linkages.
- Sae Ran Koh, Field of Specialization: Economics. Dissertation: Essays in Applied Microeconomics.

- Leigh Ariella Korey, Field of Specialization: Comparative Literature. Dissertation: Aging Bodies, Hairy Bodies, Barely Human Bodies: Three Essays on Contemporary Iranian Literature.
- Joel Aaron Kulesza, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Cost-optimized Automated Variance Reduction for Highly Angle-dependent Radiation Transport Analyses.
- Matthew David Kvalheim, Field of Specialization: Electrical and Computer Engineering. Dissertation: Aspects of Invariant Manifold Theory and Applications.
- Ho Chak Law, Field of Specialization: Music: Musicology. Dissertation: Cinematizing Chinese Opera, Performing Chinese Identities, 1945-1971.
- Linda C. Leckrone, Field of Specialization: Educational Studies. Dissertation: What? How? Why? Resource Use by Michigan Two-Year College Instructors When Planning and Teaching the Fundamental Theorem of Calulus.
- **Doowon Lee**, Field of Specialization: Computer Science and Engineering. Dissertation: Decompose and Conquer: Addressing Evasive Errors in Systems on Chip.
- Yeji Lee, Field of Specialization: Biostatistics. Dissertation: Computational Approaches for Analyzing High-Throughput Genomic Data.
- Amanda K. Leone, Field of Specialization: Chemistry. Dissertation: Using Mechanistic Insight to Develop Living Polymerizations for Conjugated Homopolymers and Conjugated/Olefin Copolymers.
- Xingyu Li, Field of Specialization: Mechanical Engineering. Dissertation: Intelligent Operation System for the Autonomous Vehicle Fleet.
- **David Lin**, Field of Specialization: Microbiology and Immunology. Dissertation: Characterization of Flavivirus Host-Cell Interactions.
- **Chang-Ching Lin**, Field of Specialization: Pharmaceutical Sciences. Dissertation: Identification of LRP8, CDCA7, and MLK4 as Novel Therapeutic Targets for Cancer Stem Cells in Triple-Negative Breast Cancer.
- Ning Liu, Field of Specialization: Civil Engineering. Dissertation: Non-Uniform Rational B-Splines and Rational Bézier Triangles for Isogeometric Analysis of Structural Applications.
- **Tzu-Ying Liu**, Field of Specialization: Biostatistics. Dissertation: Outlier Detection for Mixed Model with Application to RNA-Seq Data.
- Jau-Ching Lu, Field of Specialization: Mechanical Engineering. Dissertation: Parametric Reduced-Order Models for the Structural Dynamics of Hybrid Electric Vehicle Batteries.
- **Bingying Lu**, Field of Specialization: Mathematics. Dissertation: The Semi-Classical Sine-Gordon Equation, Universality at the Gradient Catastrophe and the Painlevé-I Equation.
- Yining Lu, Field of Specialization: Applied and Interdisciplinary Mathematics. Dissertation: Mathematical Modeling of Phosphorylation in Circadian Clocks from Cyanobacteria to Mammals.

- **Conrad Allen Luecke**, Field of Specialization: Earth and Environmental Sciences. Dissertation: Motions in the Oceans: Potential and Kinetic Energy and Turbulent Dissipation.
- Erin Anne Lynch, Field of Specialization: Earth and Environmental Sciences. Dissertation: Geofluids and Mountain Building: Integrated Isotopic Studies of Deformed, Clay-Rich Rocks.
- Sarah Kathleen Lyon-Callo, Field of Specialization: Epidemiological Science. Dissertation: Secondhand Smoke Exposure and Adverse Asthma Events Among Low-Income Michigan Children.
- **Tianhui Ma**, Field of Specialization: Chemical Engineering. Dissertation: Fibrin Networks Infected by Staphylococcal Biofilms: Mechanics, Structure and Instability.

Shai Madjar, Field of Specialization: Philosophy. Dissertation: Emotional Assessment and Emotion Regulation: A Philosophical Approach.

- Bridget Leigh Maher, Field of Specialization: Educational Studies. Dissertation: Ready for What?: A Longitudinal Investigation of Eleven "College-Ready" Students' Disciplinary Literacy Learning Experiences from High School into College.
- Matthew James Marcath, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Measured and Simulated Prompt Fission Neutron and Photon Correlations.
- **Eric Westbrook Martin**, Field of Specialization: Applied Physics. Dissertation: Coherent Spectroscopy at the Diffraction Limit.
- **Giovanny J. Martínez-Colón**, Field of Specialization: Immunology. Dissertation: Understanding Impaired Immunity to Bacterial Pathogens Post-Bone Marrow Transplantation.
- Joel David Maust, Field of Specialization: Pharmacology. Dissertation: Combination Strategies for the Treatment of KRAS Mutant Colorectal and Pancreatic Cancer.
- Adam Ernest Mendrela, Field of Specialization: Electrical Engineering. Dissertation: Bidirectional Neural Interface Circuits with On-Chip Stimulation Artifact Reduction Schemes.
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Farhang Momeni, Field of Specialization: Mechanical Engineering. Dissertation: 4D Printing as a New Paradigm for Advanced Manufacturing.

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- **Dogacan Su Öztürk**, Field of Specialization: Atmospheric, Oceanic and Space Sciences and Scientific Computing. Dissertation: Investigating the Solar Wind Dynamic Pressure Control on the Magnetosphere-Ionosphere-Thermosphere System Using Global Numerical Models.
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- Ethan Robert Post, Field of Specialization: Macromolecular Science and Engineering. Dissertation: Selective Wettability Membranes and Surfaces for the Separation of Oil-Water Mixtures, Extractions, and Fouling Prevention.
- Zhong Qiao, Field of Specialization: Environmental Engineering. Dissertation: The Reactions in Viral Nucleic Acids During Photolysis and Chlorine Disinfection.
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- **Bruno E. Renero-Hannan**, Field of Specialization: Anthropology and History. Dissertation: In the Wake of Insurgency: Testimony and the Politics of Memory and Silence in Oaxaca.
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- Marian Louise Schmidt, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: Microhabitats Shape Bacterial Community Composition, Ecosystem Function, and Genome Traits.
- Jennifer June Schmidt, Field of Specialization: Medicinal Chemistry. Dissertation: Chemoenzymatic Assembly of Macrolactones: Merging Synthetic Chemistry with Biocatalysis to Afford Diverse Compound Libraries.
- Srinagesh Sharma, Field of Specialization: Electrical Engineering-Systems. Dissertation: Machine Learning Applications in Spacecraft State and Environment Estimation.
- Morteza Sheikhsofla, Field of Specialization: Electrical Engineering. Dissertation: Turn-Key Stabilization and Digital Control of Scalable, N GTI Resonator Based Coherent Pulse Stacking Systems.
- Yao Shi, Field of Specialization: Electrical Engineering. Dissertation: Millimeter-Scale and Energy-Efficient RF Wireless System.
- **Phillip McMinn Singer**, Field of Specialization: Health Service Organization and Policy. Dissertation: Medicaid Expansion and the States: Implementation, Politics, and the Affordable Care Act.
- **Ciara Brooke Sivels**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Development of an Advanced Radioxenon Detector for Nuclear Explosion Monitoring.
- Matthew Allen Skach, Field of Specialization: Computer Science and Engineering. Dissertation: Thermal Energy Storage for Datacenters with Phase Change Materials.

- Meredith Anne Skiba, Field of Specialization: Biological Chemistry. Dissertation: Structural and Biochemical Investigation of Methylation and Elucidation of t-Butyl Formation in Polyketide Biosynthesis.
- Jeffrey Gordon Smith, Field of Specialization: Mechanical Engineering. Dissertation: First Principles Study of Magnesium/Oxygen Batteries and Glassy Solid Electrolytes.
- Mason Smith, Field of Specialization: Chemical Engineering. Dissertation: Quantitative Approach to Supramolecular Assembly Engineering for Isolating and Activating Antigen-Specific T Cells.
- **Eric Matthew Smith**, Field of Specialization: Chemical Biology. Dissertation: Structural and Functional Insights into Telomerase Recruitment.
- Alexandra Rae Sowa, Field of Specialization: Medicinal Chemistry. Dissertation: Synthesis and Evaluation of GAT-1 Selective PET Probes.
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- Yaoyuan Vincent Tan, Field of Specialization: Biostatistics. Dissertation: Novel Applications and Extensions for Bayesian Additive Regression Trees (BART) in Prediction, Imputation, and Causal Inference.
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- **Pascal Olivier Title**, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: Species Richness in Time and Space: a Phylogenetic and Geographic Perspective.
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- Vasileios Triantopoulos, Field of Specialization: Mechanical Engineering. Dissertation: Experimental and Computational Investigation of Spark Assisted Compression Ignition Combustion Under Boosted, Ultra EGR-Dilute Conditions.
- Arash K. Ushani, Field of Specialization: Computer Science and Engineering. Dissertation: Understanding a Dynamic World: Dynamic Motion Estimation for Autonomous Driving Using LIDAR.
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- Yue Wang, Field of Specialization: Computer Science and Engineering. Dissertation: Interactive Machine Learning with Applications in Health Informatics.

- Zheng Wang, Field of Specialization: Mechanical Engineering. Dissertation: Observer-based Anomaly Diagnosis and Mitigation for Cyber-Physical Systems
- Leibin Wang, Field of Specialization: Molecular, Cellular and Developmental Biology. Dissertation: Analysis of the Molecular Mechanism and Physiological Roles of the GRASP Proteins in the Golgi Apparatus and Autophagy.
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- Daniel Weyer, Field of Specialization: Electrical Engineering. Dissertation: Design of Digital FMCW Chirp Synthesizer PLLs Using Continuous-Time Delta-Sigma Time-to-Digital Converters.
- Trenton John Wilke, Field of Specialization: Chemical Engineering. Dissertation: Catalysis with Dispersed Cation-Exchanged Polyoxometalates.
- Sydney Nicole Williams, Field of Specialization: Biomedical Engineering. Dissertation: Constrained and Spectral-Spatial RF Pulse Design for Magnetic Resonance Imaging.
- Kyle Luke Williams, Field of Specialization: Chemistry. Dissertation: Energy and Charge Transfer in Organic Materials and Its Spectroscopic Signature: An Ab Initio Approach.
- **Chia-Chen Wu**, Field of Specialization: Environmental Engineering. Dissertation: Bacterial Colonization of Point-of-Use (PoU) Drinking Water Filters, Selection of Opportunistic Pathogens and Presence of Antibiotic Resistance Genes.
- Hsi-Shou Wu, Field of Specialization: Electrical and Computer Engineering. Dissertation: Energy-Efficient Neural Network Architectures.
- Zhen Wu, Field of Specialization: Mechanical Engineering. Dissertation: A Metastable Modular Structure Approach for Shape Morphing, Property Tuning and Wave Propagation Tailoring.
- Yi Xu, Field of Specialization: Chemistry. Dissertation: Towards Automated Epigenetics: Sample Processing with Droplet Microfluidics.

- Alon Yakter, Field of Specialization: Political Science. Dissertation: Circles of Solidarity: The National Contexts of Diversity and Redistribution in Developed Democracies.
- Yinyin Ye, Field of Specialization: Environmental Engineering. Dissertation: The Detection and Fate of Enveloped Viruses in Water Environments.
- Salessawi Ferede Yitbarek, Field of Specialization: Computer Science and Engineering. Dissertation: Hardware Mechanisms for Efficient Memory System Security.
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- Yiqun Zhang, Field of Specialization: Electrical Engineering. Dissertation: Energy Efficient Hardware Design for Securing the Internet-of-Things.
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- David Evan Zlotnik, Field of Specialization: Aerospace Engineering. Dissertation: Lie Group Observer Design for Robotic Systems: Extensions, Synthesis, and Higher-Order Filtering.
- Jeffery Daniel Zwicker, Field of Specialization: Medicinal Chemistry. Dissertation: Development of CNS Penetrant Inhibitors of Toxoplasma gondii Cathepsin L.

Certificate of Graduate Studies

Complex Systems Samuel Nathan Baltz

Data Science

Lu Chen Yina Geng Hyeon Joo Daniel Katschor Shiyang Lu Siying Ma Madison Rose McKenzie Nikhil Sanjay Pawar Yizhen Qian Yuexi Tu

Museum Studies Stephanie Vania Brown

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Founded in 1841, Elizabeth R. Cole, Interim Dean

Bachelor in General Studies

Bradley Evan Baum Jake Steven Bivens Tera Ashley Blanco Brianna Cecile Brown Jasmine Sandra Craft

Bachelor of Arts

Madeleine Destiny Abbott Rasha F. Abduljaber Isabella Rose Agrusa Julie Ahn Amina Aamir Ahsan Diego Alagõn Ryan Nathan Amstutz Patricia Marie Aberilla Angus Marisa Apple Madeline Rose Arkin Alissandra Elizabeth Aronow Arman Ata Astani Erin Teresa Avalp William Robert Aycock Marina Bader Casey Norbert-Harrison Batterbee Laurence Aaron Baum Julia Beck Nicholas Paul Berg Amber Nicole Besonen Heather Rose Leanne Bigelow Megan Taylor Bilbao Johann R. Bittner Casey Galvin Board Eric J. Bolton **Claire Elise Borchers** Marceline Brown Tessa Burch Allison Naomi Burley Bridget Anne Butler Kara Grace Callaghan Haley Michelle Carpenter Sarah Martin Carrillo Brandon Lewis Casella Kyle Oliver Cawley Erin Brigid Ceballos Erin S. Chang Aaron Edward Chappel Abdullah Chaudhry Natalie Helene Chiames Kalen Renae Church Christopher Clark Ronald James Cron **Emmeline** Cumming Nach Dakwale Megan Nicole DeSilva Alaina Suzanne Dehner Amanda Catherine Delekta Evan Sandeep Dholakia Melissa Diaz Grace Beverly Doolittle Mark Augustine Dovich

Spencer Ezralow Karan Lamont Higdon, Jr. Brock Keener Jae Hoon Kim Anna Elizabeth Mason

Bryan Nathanheamasi Mone Mackenzie Anna Pallante Harrison P. Wenson

Christian Ashley Dowell Kevin Matthew Doyle Sean Scott Eagle Brittney Nicole Evans Crystal Renee Marie Fletcher Meaghan Elizabeth Frost Isabel McHattie Frye Amelia Rose Fuller Sydney Fuller Madeleine Abigail Gerson Rachel Alina Ghosh Katherine Lilian Goff Sam Goldin Grant Grimard Peter Russell Guest Talia Hafter Jamil A. Hague Kealan Graeme Hannes Mallory Elaine Hardaway Ian Harman Evan Berkleigh Hartle Nicholas Paul Hayes Joshua Lynwood Hedgecock Evan Jacob Heugel Madeline Mary Hibbs-Magruder Lindsay Ann Hiser Westley E. Hoffman Courtney Grace Horne Andrew Felice Hornyak Terri Hsieh Kimberley Anne Hupperich Efosa Idusuyi Pasquale Infante Jordan Thomas Jachens Cierra Z. Jackson Jamal Jackson Isabel Jacobson Tegwyn Eleanor Pema John Jerry Arlen Jones Madhav Kapur Lauren O. Kav Michael Thomas Keller Sean Sargent Kelly Christian Michael Kennedy Kathryn Kennedy Carly Madison Keough Daejin Kim Joo Ho Kim Jung Yul Kim Janet Youkyung Kim Nicole Knee Mackenzie Paige Kohler

Geneva Margaret Kotler Michelle Anne Kujat Meera Kumar Jonathon Bradley LaCross Wing Tung Lam Hannah Michelle Lambert Isaiah LaRon Land Elise Langdon Paula M. Laslou Thomas Michael Laspisa Ashley Nicole Laukhuf Scott Weston Lautner Jongwon Lee Yun Joo Lee Hiu Hok Leung Joseph Louis Levy Rebecca Liang Minseob Lim Carter Jeffrey Lin Gregory Adam Arnell Lockett II Niomi Rose London Michelle Jingnan Lu Wenxi Lu Caleb Luckett Clint Lyders-Petersen Rebecca Suzanne Lynn Jesse Robert Mathieu Brigitte Emilie Matteson Timothy Robert Mayer Nicole Michele McDowell Nicholas Ryan Meier Illvanna Diane Mensah Mitchell Robert Milne Ahmed Abdullahi Mohamed Sadeeque Faisel Mohamed Myrtes Moore Hunter Michael Muirhead Emily Anne Murray Alejandro Navarrete Hannah Elaine Nelson Timothy Patrick O'Neill Nathan Otto Can Burak Öztürk Jiten Naresh Parbhoo Hvunsoo Park Matthew Joseph Pecoraro Ryan Robert Pelfery Sophia Scarlet Peraticos Stephanie Wendy Perez Collin Christopher Perozich Lizzv Kathleen Petrie Nicholas James Poet

Bachelor of Arts

Sarena Louise Prince McLean Francis Purcell Matthew Paul Ramirez Arlyn Elizabeth Reed Michael Robert Reid Samuel Jacob Rentschler Stephanie Lucy Robinson Alexa Rose Rosenstein Caroline Haley Rothrock Evan Christopher Rourke Henry Russell Ryan Salzman Cassandra Jade Sample Jessica Sanchez Tristan Michael Sanders Rebecca Schaenzel Carlton Maurice Shane Qiyang Shang Judith Isabelle Shanti Erika Shevchek Morgan Douglas Shiverdecker Jack Isaac Sitt Nicole Elisabeth Skinnion Jonah Fox Sklar

Bachelor of Science

Polina Abratenko Boni Y. Al-Haruni **Bakhit** Anou Kamel Yehya Aoun Jacob Riniel Arche Matthew R. Arnold Anvi Arora Shawki A. Atassi Megan Kathleen Aylmer Samantha Patricia Bailey Sandra Bajc-Dimitrov Sanjay Balijepalli Robert T. Bannon Taylor Rose Baranski Jacob James Barr Sara Dorothy Bender-Bier Blake David Bloomfield Jawad Bouhamdan James Liam Brady Alborz Bral Travis James Breuker Vincent Joseph Bruno Kenneth Myles Buchanan Jason-Duy Duc Bui Zixin Cai Sarah Marie Campbell Zachary Wayne Carlson Brannon Patrick Cavanaugh Theadora Jane Ceccarelli Isabel Noelle Ceniza Nikhil Chandok Anthony Ejong Chen Hua Chen Jessie Jia Yun Chen

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Bachelor of Science

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Michael Nicholas Siciliano Kuhu Sinha Jason William Sklenar Jenée Joelle Spoor Charlotte Leanne Stanbaugh Summer Hope Stern Aubrey Stickland Soundharya Subramaniam Noor A. Sulieman Kathy Xuan Sun Xiayi Sun Nicole Renee Sunshine Amanda Marie Synowiec Roxana Taginya Zefan Tan Jia Tang Taylor Alexandra Timko David Alexander Tomaszewski Reno Torres Jaime Lee Tsao Kimberly Lisette Villegas Alyssa Catherine Wagenmaker Callahan Wales Anthony Wang JinCheng Wang Siqi Wang Zhe Wang Zhi Wang Xueai Wei Jared Owen Weisenberger Amber Lena Wesley Madeline Claire Westcott Courtney Elizabeth Whitcher Cameron Scott White Thomas James Wilcox Tyler Nicholas Williams Sabrina Wong Tianyuan Wu Junhao Xiang Yixin Xiao Qishen Xu Chenyu Xue Yuan Yao Musa Amin Yehya Jiaxi Yin Ivv Yin Zhenfei Yue Haniveh Zamani Cameron Austin Zamanian Coco Zhang Taylor Sue Zheng Yanyi Zheng

Bachelor of Science in Chemistry

Max Jueckstock Kara Lynn Price

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

RESIDENTIAL COLLEGE

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Casey Misung Jong Maura Rose Kraemer Thomas Michael Lammers Sophie Elizabeth Lutz Annicia Litteire McFadden Peter Apostolos Michaelides Raquelle Helena Sewell

Bachelor of Science

Katelyn Elizabeth Johnson Thomas Repasky Diego Alvaro Rojas Salvador Payton Watt Noah Alexander Zipper Amber Zou

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Certificate of Graduate Studies

African Studies Marisol Andrea Fila

Greek and Roman History Rodney Alan Caruthers II Elina Marjaana Salminen

Master of Arts

American Culture Pau Nava

Anthropology Stephanie Sara Lapeyre-Montrose

Applied Economics

Xuan Chen Andrea Kristine Down Xiaoyu He Zhentao Jiang Jiaqi Li Xinyuan Li Siying Ma Madison Rose McKenzie Carlson Qiao Yue Qu Zhizhong Wan Weikun Yang Zhicheng Zhang Qianru Zheng Yunfan Zhu

Applied Statistics

Tian Zhou

Judaic Studies William Gertz Runyan

Science, Technology, and Society Crystal Yin Lie Kai Mishuris

Arabic Studies Amal Issa

Asian Studies: China Alexander Garcia

Classical Art and Archaeology Paige DeRue

Classical Studies-Latin Jan Kenneth DeWitt

Economics Benjamin David Pyle

English Language and Literature

Hannah Mariah Bredar Catherine Victoria Fairfield Mason Jabbari Molly J. Keran Laura I. Romaine

Linguistics Dominique Allan-Lowell Bouavichith **Women's Studies** Jessica Yvonne Joslin

Philosophy Kimberly Wen Chun Chuang

Political Science Hwayong Shin Jessica Sara Sun

Romance Languages and Literatures Spanish Marisol Andrea Fila Maria Laura Pensa

Russian, East European, and Eurasian Studies Anthony David Castaneda

Sociology Kristin Marie Foringer

Southeast Asian Studies Natalie Tantisirirat

Statistics Shweta Ramdas

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Master of Fine Arts

Creative Writing Leah Yan Xue

Master of Science

Applied Statistics

Vincent Chen Jing Chu Yu Gao Bingqing Hu Zhihao Huang Shen Jin David Jing Li Yuxing Lu Yongxin Shuai Wan-Lun Tsai Yifan Xiang Zhichao Yang In Son Zeng

Astronomy and Astrophysics

Francisco Holguin Christopher John Merchantz Benjamin Raymond Setterholm **Chemistry** Jennifer Denise Pevarnek

Mathematics Xiaoyu Dong Nathan Charles Frame

Molecular, Cellular, and Developmental Biology Brett Morris

Joshua Robert Squires

Physics Theodore S. Jimson

Psychology

Nkemka Anyiwo Nicole Brass Kristi Alexis Chin Aki Michel Gormezano Rebecca Marks Channing Jamielle Mathews

Quantitative Finance and Risk Management

Hui Cai Josh Cai Chengcheng Gu Prerna Yingzhong Wang Rui Xiao Yuankang Xiong Xinyue Zhang Guoqing Zhao Zixuan Zhu

MEDICAL SCHOOL

Founded in 1850, Marschall S. Runge, Dean

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Certificate of Graduate Studies

Cellular Biotechnology Jonathan Robert Bezenah

Master of Science

Bioinformatics Joshua Drews Matthew Charles Manninen **Neuroscience** Veronica Corinne Beck Matt Gaidica **Physiology** Mazen Abdul Hasan

LAW SCHOOL

Founded in 1859, Mark D. West, Dean

Juris Doctor

Nadia Kathryn Alhadi Hanna T. Ali Selena Catherine Alonzo Julie Marie Aust Marisa Elena Bannon Christian Amir Bashi Ali T. Bazzi Morgan Paige Brown John Charles Buzzard Layan Kassem Charara Ching-Yin Chen James David Coatsworth Nikita Bounmy Cotton Camille Jacqueline Louise Danvers Ciara Michelle Davis Alison Ambrose Dovle David J. Feigenbaum Garrett Tyler Fox Victor Antoine Ghazal Jonathan Daugherty Gilmartin Adam Christian Gregory Gloria S. Han Olivia Virginia Hankinson

Joan Edna Hayner Erin P. Hova Lori Jo Interlicchio Kenneth Andrew Johnson Leslie R. Kan Nicholas Enrico Karp John L. Kelly Janelle Kristine Krummen Manas Kumar Adam Goff Laird Chul Hun Lee Ginny Hyemin Lee Christopher M. Linnan Shay Longtain Ilva Mamin Jorge Eduardo Mancillas Salvatore Mills Mancina Eliot S. Markman Peter M. McDaniels Charlotte L. McEwen Hunter A. McWinn Travis Richard Miller Joseph Donald Moses

Claire Marie Nagel Lauren Jill Nieman Christa Nipper Samuel Parks Joel Laylin Larson Richert Sari Jaye Rosenfeld Brandy Nicole Ryan Luke Salisbury Richard Joseph Sarcone Nikhil Arjun Sethi Zachary J. Simon Andrea Marie Sinele John Lehman Spangler Lyman C. Spitzer Sara Stearns Hailey Lynn Suggs Sarah Ibrahim Syed Benjamin Zachary Taylor Audrey Elizabeth Telfer Jarrod H. Trombley Brent Winslow Rebecca A. Wyss Stephanie Dawn Zable

Doctor of the Science of Law

Haiyan Xu

SCHOOL OF DENTISTRY

Founded in 1875, Laurie K. McCauley, Dean

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Master of Science

Pediatric Dentistry Ashley Burke Rosalee Ann Beredo Justema

Rosemary Kim Oanh Tran

Zohra Saleh

Erica Wu Zehra Raza Zaid

Prosthodontics Daniela Paulina Orellana Vásquez **Restorative Dentistry** Najla Neamatallah M. Al Turkestani

34

COLLEGE OF PHARMACY

Founded in 1876, James T. Dalton, Dean

Bachelor of Science in Pharmaceutical Sciences

Kan Chit Lam

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

Master of Science

Medicinal Chemistry Sarah Danyelle Burris Maha Said Ahmed Abdeltawab Hanafi

Nicholas James Ragazzone

COLLEGE OF ENGINEERING

Founded in 1895, Alec D. Gallimore, Robert J. Vlasic Dean of Engineering

Bachelor of Science in Engineering

Aerospace Engineering

Michael Rashaan Adams Nicholas David Applegate Muhamad Azwan Aris Bin Jamil Aris Dong Yi Chen Alanson Trigg Coomar Eric Taylor Gilkev Manan Bhupendrabhai Jayswal Christian Alexander Kneubel Paul Knudsen Eric Douglas Kozfkay Christopher Alexander Krystek II Camden John Pastyrnak Ross Piscoran Trent Reynolds Nathan Paul Ritsema Humraj Singh Haley Marie Slack Rebecca Anne Steffen Timothy James Szary

Biomedical Engineering

Ryan Carse Victor Chen Jessica Foss Robert E. MacDonald IV Hannah Elizabeth Rainey Miranda Lillian St. Amour Michael James Sutton Vijay Sairaj Vobbilisetty Raymond Zhao

Chemical Engineering

Austin Michael Avery Brandon Michael Backus Alexi Ram Bardha Abdul Muhaimin Bin Hj Mohamed Shah Zachary Wegener Burns

Kyle Daniel Cameron Rohan Chengappa Andrea Lucille Cicatello Miekyn Renee Cotton Caitlyn Anne Dolan Cole John Drechsler Jason Gambrell Thomas Moniotte Hadlock Mackenzie Rose Horton Brianne Hovde Eric Kevin Issenberg Katelyn Amanda Kaniewski Troy Antoine Khames Azzaya Khasbaatar Maggie Ngai See Lee Kevin Kyunsuk Lim Terese Emily Lorr Avmen Mazen Maktari Thomas McLeod, Jr. Daniel Martin Minear Joseph Michael Moss Ari Gaston Naggar Gqwetha Ncube David Robert Newberger Joseph Phares Nuramani Saiyidah Binti Ramli Grant Severyn Samantha Rae Steinberg Kalee Koleene Stringham Shashank Ramakrishnan Subramaniam Carissa A. Tsouchlos Jeff Zhang

Civil Engineering

Ari Peter Baranian Kevin Flagg Nathan Luke Marincic Carolyn Brooke McCann Alessandra Marie Murphy Veronica Prezioso Ryan Sullivan Emily Turner Emilio Urias

Climate and Meteorology

Mary Margaret Lund

Computer Engineering

Kevin Bi Carson Boden Matthew William Dorow Matthew Walker Dreisbach Damien Howard Dunn Jisu Hong Daniel Luyang Jin Sharang Sanjay Karve Tae Hyun Kim Alexander Jaroslaw Kisil John Patrick Maxey Ashish Nichanametla Parth Rajesh Oak Hunter Pfeiffer Christopher Edward Pratt Mitul Dutta Purkayestha Nichalous Ford Rajewski Nathaniel Vanstone Samoy Steven Patrick Schulte Michael James Sutton Nicholas Boyce Tavis Jacob Daniel Thoma Brian Michael Tomiuk Noah Michael Wolfe Yuan Yao

Bachelor of Science in Engineering

Computer Science

Joshua Michael Allemon Robert Anthony Allen Jason Noah Bohrer Andrew René Burrell Ezra Ezra Chung Jacob Samuel Close Adam Rubin Cutler Isaiah James Nason Davis Daniel William Dineen Noah William Ehmann Henry Ellis Edward Anthony Fenwick Trenton S. Geordt Jeremy N. Goldman Jessica Hirsh Matthew Tyler Holbrook Connor Lance Holm Anthony Edgar Huang Hvewon Kim Taesoo Kim Mark Koester Nicholas Daniel Koester Norivuki Kojima Il Jae Lee Christina Yan Liu Nathan Xun Louie Charles Tiangi Luo Benjamin Maetee Maddux Amil Mahida Brent Harrison Marieb Parker Misch Pablo Moncada-Larrotiz Nicholas Anthony Morris Melissa Michelle Mov Vamsi Krishna Nimmagadda Colin James Nizielski Cristina Nicole Noujaim Stephen Nurushev Marc Benjamin Papandreadis Jack Park Megha Aswin Patel Tejas Prahlad Rakesh Raia Shesanth Renukk Ramakrishnan Varun Ketan Rana Benjamin Gregory Reeves Joh Michael Reeves Nathan Paul Ritsema Lauren Shen Evan William Smith Christopher Ryan Terech Julian Tran Yuchen Wang Nathaniel James Wernert Michael Zol Wiitala Tianvi Wu Kevin Yang William Yang Eric Y. Yu Michelle Zeitlin

Harry Zhang Jeff Zhang Shicheng Zhao Chunyang Zhu Jordan Zhu

Electrical Engineering

Ashok Khare Aggarwal Katherine Marie Banas Matthew J. Barnett Ryan Douglas Barnhart Brian Adel Bekheet Max William Blackburn Kyle James Bouwens Gregory David Cunningham Sounak Kumar Das Hunter Charles Erickson Rini Gupta Oi Huang Timothy Kennedy Matthew Douglas Kramer Abhishek Kumar Nicholas Lin Jacob Kyle Lobbestael Ethan C. Lu Alexander William Meikle Emily Anne Moll Elliot Ross Mueller Arun Nagpal Samuel David Peters Brian Andika Purnomo Philip Aaron Sisk Joshua Thomas Anthony Edward Uytingco Declan James Winship Ali Nizar Yassine Yuanzhe Zhong

Engineering Physics

Gregory David Cunningham Trevor Johannes Smith

Environmental Engineering

Cameron Lester Beversluis Taylor Renee Krauss Alessandra Marie Murphy Justin Tran

Industrial and Operations Engineering

Tamjeed Ziyauddin Asjad Kieran John Baack Monica Annie Bian Henry James Chen Sarah Jean Costello Daniel Jurgens Crecca Kenneth Crowder Jason Kester Hanani Lauren Hoyzan Huang Colin Patrick Huls Adrian Lanigan Ryan Andrew Lentine Xiaoyu Liu Jonathan E. Luthy Nicholas Keith Martin Rebekah Lea Menchak Anna Clarice Och Nithya Saraswati Ramamurthy Christina Lynn Shabet Grace Shao Jake Colton Steinhebel Abbey Catherine Weis Colin Miller Williams Allison Winnik

Materials Science and Engineering

Tyler Jason Del Rose Morgan Louise Fry Elizabeth Gager Aymen Mazen Maktari Noah Schnitzer

Mechanical Engineering

Benjamin Eric Alburtus Alexandra Marie Anderson Mitchell R. Baker Nadim Al Bari Connor Smalligan Bergin Brock Bishop Mark J. Bobrovnikov Daniel Thomas Bohnett Ashley Elizabeth Bonnoitt Connor Giggey Boschert Alec Joseph Brennan Andrew Rene Burrell Conrad James Carver Marcos Cavallin William Zhi-Yean Chen Tae Ho Cho Byungwook Paul Choi Matthew Charles Fergerson Perry Francois-Edwards Garrett Thomas Galia Jacob N. Galli Alexander Andrew Gardner Elizabeth Margaret Gardner Jacob Thomas Griffith Daniel Dwight Haley Erich James Heiser William Tuttle Horner Kenji Johnston Ashwin Johri Natasha Konanahalli Hermione Li William Zeyong Lu Cassidy Lukaart Claudia Annie Ma Austin Ormond MacDougald-Tassava Nicholas James Marek Joseph Michael Martinez

Bachelor of Science in Engineering

Mechanical Engineering

Brandon Todd Mason Bradley Raymond Miller Pablo Moncada-Larrotiz Miho Morioka Uyen Diep Nguyen Oluwadare Michael Odutola Zonta R. Owens Jonathan Hansen Pang Akash Avinash Rachmale Panyakorn Rakpanitmanee

Master of Engineering

Applied Climate

Rachel Elizabeth Dougherty Emily Marie Gargulinski Alexia Lauren Prosperi

Automotive Engineering

Robert Michael Bell Anubhuti Chamoli Chandler James Daub Hsi-Fan Liao Karandeep Singh Nayyar Parth Dipak Pallan Ashish Sajwan Utkarsh Sharma Hyun Jun Shin Pavan Kumar Mukkara Srinivas Pradyumna Vasudevan

Construction Engineering and Management

Theresa Elana Kaplan

Energy Systems Engineering

Amanda Gail Canterbury Jonathan D. Demay Jessica Ann Doody Michael Jeffrey Drake Kevin Dunn Samuel August Sheler Edwards Hariharan Hemathri Jared Daniel Kalnins Jared Michael Lee Steven Daniel Lorentz Karl Nunoo Trevin Malique Gretian Perera Sangam Rawat Juan Carlos Rios David Alexander Romanchuk Benjamin Stuart VanZoest

Global Automotive and Manufacturing Engineering Molly Albertson

Andrew Charles Barton

Lorenzo Sabatini Yongsoo Shin Taemoor Shoaib Robert Charles Shoemaker Jacob Arthur Sjogren Erik Soreide John D. Steinmetz Mark Thomas Tenenholtz Nikko M. Van Crey Aaron Wade Vance Chase Alexander Varner

Gabriel Robert Bartosiewicz Bruno Carrete Bennati Sanket Vinod Bhonde Tyler Joseph Bitterman Stella Hocevar Brochado Shantanu Chauhan Elizabeth A. Connolly Shubhankar Dasgupta Branton Elvin Dennis IV Noah Philip Dinkes Ryan Charles Doherty Karl Chanler Dorgan Shubham Fialoke Hugo Gallardo García Celeste Garcia Villasuso Valerie Brooke Gilbert Abhishek Gowrishankar Nathan Hernreich Rachael Abigail Janney Dheeraj Jha Deepak KC James David Kinsev Manohar Kodhandarama Saurabh Raghunath Kotkar Penelope Kotsonis Venkata Naga Sai Dwarakanath Kottha Hrishikesh Yashwant Kulkarni Nishant Kumar Travis Larson Brian H. Lee Alberto Lopez Albarran Mitvesh Vijaykumar Maru Tapan Rohitashwa Mujumdar Sahil Nagia John Louie Villamil Paulino Sukrut Surendra Prabhu Ashwin Ramesh Hayley Lauren Reynolds **Dieon** Roger Jim Sahlaney Thomas James Schinderle Haonan Sun Gustavo Valencia Aguirre

Kevin Wang Matthew Edward Willner William Yang Xiangyi Ye Amy Zhou

Nuclear Engineering and Radiological Sciences Divans Beqi

Thomas Coppeans

Brian Russell Wachter Lukas Weber You Zhang

Manufacturing

Advait Bhogte John V. Burke Ye Chan Kim Daemon Jialun Li Mohit Mohan Mengale Abeshek Ram Natarajan Moses Pezarkar Arjun Ramaswamy Uthamaraj Po-Tai Su Zhehao Wang Ziyan Xu

Space Engineering

Christopher Mark Bert Robert Brett Gitten Brandon Hayato Hing Rory Daniel Hourihan Abhiram Krishnan Anny Xinxiao Lin Anna Mariella Pulvermuller

Structural Engineering Shi Xu

Yunzhi Xu

Systems Engineering and Design

Paul Robert Burns Rebecca June Darr Furqan Haq Rongjing Jia Yichuan Kerh Jong Man Park Jian Li Zheng

Certificate of Advanced Studies in Engineering

Innovation and Entrepreneurship Amal Adnan Ismail Alexis Jeannette Lowe

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

Certificate of Graduate Studies

Plasma Science and Engineering Sarah Ayelet Spitzer

Master of Science

Biomedical Engineering

Tyler Ryan Bylsma Alison Rose Garrett Michelle Karker Lauren Long Tom Luis McDougal Chrono Strai Nu Sweta Swastika Sahoo Sai Abitha Srinivas Nese Didem Temeltas Zhonghao Zhao

Climate and Space Sciences and Engineering

Sarah Ayelet Spitzer Anthony Derek Torres

Computer Science and Engineering

Agreen Ahmadi Remzi Can Aksoy Brindha Arinathan Wesley Coomber Ankit Goyal Yijun Hou Yixin Jin Aman Sharma Qiao Yan Yichao Yang Pedram Zamirai Jie-Fang Zhang

Design Science

Matthew Christopher Nelson Sanjana Rajagopalan

Electrical and Computer Engineering

Ali Hassan Abdallah Rajeswari Balasubramaniam Jaskaran Singh Bhatia Snehal Shrikant Chavan Rui Chen Ming Ko Cho Sheng Chong Jaidev Narendra Dalvi Zhijie Dong Norman Ross Farquhar Nadha Nafeeza Gafoor Haowen Ge Jin Han Snigdhaa Hasija Parker James Howard Chun-Yu Hsiung Yaokun Hu Qiao Huang Yashanshu Jain Ashley Jian Defang Li Junyi Li Siying Li Yuan Li Zongtai Luo Sidhaarth Murugan Sharankumar Narayan Huggi Nitish Stuti Haresh Patel Anui Puniani Nikunj Sabharwal Francis Ronald Salas Martin Jay Scherr Arunava Šeal Rebecca Shen Wyman Taylor Smith Kailin Tang Ananya Tusharbhai Trivedi Vivek Venkatraman Cong Wang Qiyu Wang Nianchen Wu Zheng Zhai

Electrical Engineering-Systems

Garrett Evan Marsh

Industrial and Operations Engineering

Freddy Untalan Hofschneider Yu-Han Huang Karl Neville Karbhari Bo Liu Adetee Sharma Aditi Rameshchandra Vachhani Zhihan Zhu

Macromolecular Science and Engineering

Ayse Muñiz Rishabh Shankar Tennankore

Robotics

Zaid Khalid Ashai Youngwoo Cho Ross Hartley Cheng-Yi Lin Shiyang Lu Kurt Michael Lundeen Owen Alexander Marshall Dale Steven McConachie Peter Joseph McHale IV Julie Messing Alex Kikeri Vaskov Huajing Zhao

Master of Science in Engineering

Aerospace Engineering

Nicholas John Arnold Jau-Uei Chen Alexandra Damley-Strnad LoriAnne Groo Nan Gu Venkata Bharadwaj Gundepudi Yiwen Han Chi-En Lee Zheng Lee Edgar Lozano Aaron Chiwei Lu Akshay Mathur Andrew Lane McCaslin Gautam Nagaraj Vignesh Ramakrishnan Rohan Prakash Vemula Paul F. White

Biomedical Engineering

Cara Ann Abecunas Meghan Marie Capeling Amanda Lee Chamberlain Andrew Ciciriello Natacha Comandante Lou Andrew Joseph Custer Christopher Durbin Davidson Bansili J. Desai Alissa Marie Ebenhoeh Carson Lewis Hoke Cameron Jo Monroe Madeleine Grace North Umayal Roja Swarnam Hans Jakob Zander

Chemical Engineering

Rutvi Sanjay Ajbani Rawan Hussein Almallahi Ramin Ansari Tobias Eugene Burger Lucas James Cygan Pallav Kirti Jani Krutarth Dhananjay Jhaveri Cameron Robert Stitt Yufei Wei Elizabeth Ann Kezar Wilson Yi Zhang Xiaowen Zhao

Civil Engineering

Kate Arnson Xiaolin Cai Yangzi He Chenghang Liu Elizabeth Mae Furman Simione Turner Joseph Solterman Yuexi Tu Yuguo Zhong

Computer Science and Engineering

Evan James Agattas Christopher Ayre Boggs Andrew R. Davis Da Fang Siying Feng Zhiyuan He Umang Amit Lathia Rui Lin Changfeng Liu Lajanugen Logeswaran Nicholas Adam Rifel Lee Kakuyon Thomas Rutledge Hua Zhu

Construction Engineering and Management

Feng Lu Yarui Qiu Jieyu Wang Xi Wang Zhaolun Zhang

Electrical and Computer Engineering

Haoyang Chen Gary Ding Katherine Ann Flanigan Shujia Fu Sidḋharth Jain Hongki Lim Raaghvam Nigam Tian Pang Rahil Vipool Patel Benjamin Pong Christopher Raymond Schmotzer Chen Sun Dongqing Xia Esther Yan Zhu'en Joel Ye Zixi Yin

Electrical Engineering

Hee Woo Kim

Environmental Engineering

Brittany Lynn Colcord Weichen Huang Hezijian Xiao Yanran Xu Zi Zhang

Industrial and Operations Engineering

Dhanya Mary Abraham Theo Benigeri Palaniappan Chellappan Haowen Chen Wesley Chen Lauren Rose Claus Ryan R. Hancock Michael Andrew Karizat Jason Daniel Kertayasa Sumitro Kurniawan Kelsey Nicole Lindberg Megan Lifei Liu Xinyue Ma Bernice Beryl Oosterling Nikhil Sanjay Pawar Muhammad Umair Jiming Yang Minjun Zhao Hongyu Zhong

Materials Science and Engineering

Minjeong Cha Juan Sebastian Lopez Lydia Marilyn Mensah Kyle Nocona Sanders Ethan Cassidy Sprague Benjamin Eli Swerdlow

Mechanical Engineering

Fawaz A. Ali Katelvn M. Angeliu Iscandar Battour Zahraa F. Bazzi Sarah Nicole Beetham Xudong Cao Di Chen Haowen Chen James Andrew Dallas Andrew Michael Di Mauro Nathan Charles Frame Sameer Chowdary Gaddam Haowen Ge Mark Andrew Hammond Minki Kim Wyatt Shane Kowall Andrew Gregory Kozminski Hanxiang Li Rongyu Liang Chaovi Liu Melissa Mann Yuan Miao Raghav Muralidharan Paavai Pari Patrick James Ransford Michael Reiner Siiie Ruan Shreyas Sudhakar Dakotah Rittenhouse Thompson Juntong Wang Hang Yang Zihao Zhang Xingyu Zhou Jonathan William Zwier

Naval Architecture and Marine Engineering

Jau-Uei Chen Lauren Rose Claus Claudio Farias de Lima John Christopher Kreuter Zheng Zhai

Nuclear Engineering and Radiological Sciences Samuel Cole A. Westley McMillan

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1913, Jonathan Massey, Dean

Bachelor of Science in Architecture

Kristina Ann Dittrich

Chloe Sophia Lee

Rebecca Liang

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

Master of Urban Planning

Urban and Regional Planning Marlene Rowan Crow

SCHOOL OF EDUCATION

Founded in 1921, Elizabeth Birr Moje, Dean

Bachelor of Arts in Education

Ashley Louise Davis Jennifer Lynn Dixon Ricky Mei Victoria Paternoster

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

Master of Arts

Educational Studies

Sharonda Shantell Chaney Xinyi Chu Nathan Jay DeJonge Ana Mireya Díaz De La Guardia Shuang Li Yuting Luo Priscila Papias Jeremy Parker Chenqi Tang

Higher Education

Alejandra L. Acosta Katherine Rose Avila Madeline Joan Boffi Rachel Elizabeth Bryan Erin Elizabeth Burke Caitlin Rose Corker Kathleen Kariann Dyki Shelby Lauren Flores Reed Fogle Trey Garant Sarah Wright Gibbons Katelyn Guichelaar Brian Douglas Johnson Stephanie Blair Kaufmann Chiara Lazzereschi Zoë Baumann Levin Victoria Loong Ann M. Luke Kyle Shane McCoil Ashley Rose McLaury Sarrah Musleh Amberose Lee Nolan Jonathan Overstreet Haley Isabel Phillips Carly Bryanne Valenzuela Sarah Watkins Matthew Yettaw Christopher Young

STEPHEN M. ROSS SCHOOL OF BUSINESS

Founded in 1924, Scott DeRue, Edward J. Frey Dean of Business

Bachelor of Business Administration

Julie Ahn Nikhil Chandok Rohan Raghav Kher Yuzhue Li Courtney Rochelle Luk Matthew James Mitchell Ashley Rose Peper

Master of Business Administration

Jeffrey Michael Bizzak Ching-Yin Chen David Arthur John Denning Valeria Salcedo Garcia Neal Edward Gregory Amelia Jane Harris Yvette Marie Holly Nikhil Pramod Kulkarni Jim Liu Jonathan Eric Lorentzen Ni Lu Paula Nicho Luu Rafael Marroquin Zecevic Alexa Lynn Noel Adam Paul Parrottino Daniel Joshua Sherman Manpreet Singh Adele A. Wunsch Kenta Yamamoto

Master of Management

Mark Andrew Hammond Yuan Miao

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

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

Bachelor of Arts

Sarah Martin Carrillo Tegwyn Eleanor John Kathryn Kennedy Carly Madison Keough Sophie Elizabeth Lutz Mitchell Robert Milne Sarena Louise Prince

Bachelor of Science

Ian Patrick Donnelly Kaia Hayes Summer Stern Courtney Elizabeth Whitcher

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

Master of Science

Natural Resources and Environment

Benjamin Peter Block Cody Jay Bruder Santiago Estevan Ryan Bukovsky-Reyes Amelia Jane Harris Blake Evan Heidenreich Alek Joel Kreiger Jonathan Eric Lorentzen Paula Nicho Luu Austin J. Martin Priscila Papias Michael Reiner Hannah Morgan Schaefer Bradley Louis Weiss Adele A. Wunsch

SCHOOL OF MUSIC, THEATRE & DANCE

Founded in 1940, David A. Gier, Dean

Bachelor of Fine Arts

Dance Julia Dooley Alyssa Anne Gorman Amy Elise Wensley

Jazz and Contemporary Improvisation Andrew Jay Grossman Michael Morgan Perlman

Bachelor of Music

Music Education: Choral Keith Dixon

Music Education: Instrumental Liam Howells Dilenschneider Robert Chance Stine II Performance: Flute Ellen Joyce Sauer Performance: Organ

Joseph Michael Moss

Jazz Studies

Michael Tariq Gardner

Media Concentration

Michael Morgan Perlman

Performing Arts Technology:

Performance: Percussion Andrew Jay Grossman Ian Joseph Lang

Performance: Saxophone Liam Howells Dilenschneider

Performing Arts Technology:

Music Concentration

Aval Benjamin Subar

Bachelor of Musical Arts

Performance: Voice Sounak Raj Das **Performance: Trombone** Thomas J. Wilcox

Master of Music

Chamber Music Jeremiah Kiernan Quarles

Composition Hannah J. McPhillimy

Improvisation Emma Christine Reinhart

Music Education Amanda Victoria Koba Lucy Frances Mosier

Performance: Euphonium Sean Jobes **Performance: Flute** Elizabeth June Schubkegal Jordan Dee Smith

Performance: French Horn Cassandra Eide

Performance: Oboe Jeremiah Kiernan Quarles

Performance: Piano Connor Silfven Austell Evan Newman

Performance: Saxophone Jonathan Earl Hostottle **Performance: Trombone** Luis Enrique Huerta-Freyre

Performance: Viola Elizabeth Boyce

Performance: Violin Emily Richards Huntington

Performance: Voice Joseph Derrick Johnson Goitsemang Oniccah Lehobye

Wind Instruments Emma Christine Reinhart

Specialist of Music

Performance: Trumpet Christi L. Burkett

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Certificate of Graduate Studies

42 Michael Cody Dean

SCHOOL OF NURSING

Founded in 1941, Patricia D. Hurn, Dean

Bachelor of Science in Nursing

Jesse Conlay Jennifer Ezeokobe

Ashley Renee Boss

Stephanie Castaing

Kaitlin Papineni

Seahyun Park

Meg Schulte

Amy Fritz Hope Mickelson Grace Horton Audrey Le

Master of Science in Nursing

Adult Gerontology Primary Care Nurse Practitioner

Family Nurse Practitioner

Chelsea DeLuca Katelyn Hawley Emily LaValley Alexandra MacGowan Jason Miller Hanna Nolan Adina Parrish Ryleigh Michelle David Peitsch Alexandra Parrish Leena Osman Duyen Tran

Pediatric Primary Care Nurse Practitioner Caitlyn Nichols

Systems, Population, and Leadership Katie Beres Daniel Katcschor Norma Martinez Jessica Souva Janell Troutman

Doctorate of Nursing Practice

Brenda Badour Michael Cochenour Sherri Fannon Cindy Hayes Laura Prochnow Erik Wilson

SCHOOL OF PUBLIC HEALTH

Founded in 1941, F. DuBois Bowman, Dean

Graduate Certificate

Global Health Emily Clair Sheridan-Fulton

Master of Public Health

Environmental Health

Sciences Elizabeth Ann Guthrie

Epidemiology Masato Anno Juan Luis Sandin Marquez Eric Lee Stulberg Vidhi Verma

Health Behavior and Health Education

Susannah Feinstein Sydney Darnay Garlick Emma Elizabeth Klein Nathan James Love Kari Anne Nilsen Elizabeth Serrano Emily Clair Sheridan-Fulton Yeri Shon Darin Thomas Smith

Hospital and Molecular Epidemiology Helene Monica Fligiel

Nutritional Sciences Jill Elizabeth Schaefer

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

Master of Science

Biostatistics Yatong Li **Clinical Research** Tessa Adzemovic Zaid Mohamed Mohsen

SCHOOL OF SOCIAL WORK

Founded in 1951, Lynn Videka, Dean

Master of Social Work

Aj Jordan Aaron Adwoa Ago Achampong Kristina Adetovin Agbebivi Zeinab Almanfi Molly Elizabeth Applin Joel Christopher Arnold Kathrvn Jerome Ashin Christina Michelle Baello Bradley Thomas Baker Maegan Ruth Barber Rachel Pence Beehler Sarah Rebecca Berkey Madeleine Ilana Blum Delandra Boone Anna N. Boratyn Ronald Broadley Kaylee Dawn Brown Hannah Elizabeth Burns Doris Yasmine-Emily Carter Mark Albert Casas Rosa Maria Castanon Rogelio Rodrigo Castro Sharonda Shantell Chaney John Patrick Cherette Sharmista Venkat Lauren Grace Choi Mikala Nichole Cox Sarah Cullen Margo Dalal Erica Simone Davenport Dawn Lynn Davis Larry B. Davis Reon Lee Dawson Ryan DeCook Amanda Rae DelMonico Hanna Clarke DeMarcus Reid Coryn Depowski Maria Alina Diaz Bethany Kristen Diedrich John Christopher Doroba Fanta Doumbia Aaron Michael Drenth Lillian Marie Dugan Sarah Eicher Biannca Cache Fisher Benjamin Flanagan Shana Varda Frankel Maddi M. Gale-Laman Katharine Dianne Gamalski Roxana Gamble Adele Xenia Gardynik Sydney Darnay Garlick Katherine Leigh Garrett Keith Edward Geiselman Sarah Gettel Caitlin Frances Gibbons Kaitlyn Aleese Giza Rachel Esther Goldstein Allison Katherine Gorine

Sydney Rebecca Grant Jennifer Marie Gresens Edward Grumeretz Jessica Ganser Gwilliam Rana A. Haidar-Ahmad Tim Steele Halstead Emily Jeanne Handy Haley Kolin Harper Karissa Alyse Heino Olivia Cathryn Herbert Dominique Lashea Hollis Tiffany Y. Hong Brooke Nichole Houser Abigail Townsend Hudson Ashley Marie Hughes Amal Adnan Ismail LeTorrian Simone Jackson Shelby Jacquemain Jeffery Micheal Johnson Dan Glenn Jones Roshanda Joseph Annetta Shaneil Joyce Hannah Maud Kanter Lindsay Marie Keenist Ariel D. Kennedy Madeline Anne Marie Kenny Drew N. Kersjes Tahrima Khanom Alexander Joseph Gordon Kime Emma Elizabeth Klein Julie Klein Rachel A. Kornilakis Rachel Christine Kosla Anya Krasnov Kelsey Anne Krumrey Camden Krusec Joseph Kubais Change Kwesele Ha Young Kwon Stephanie Denise Lake Sarah Marie Laninga Katherine Larrabee Anne Harvey Leo Sasha Natalia Lizarraga Sesma Kavitha Evangeline Lobo Anne Jensen Lombardi Erin Loomer Alexis Jeannette Lowe Autumn Rain Luginbuhl Jenna Elizabeth Mahoney Marwa Mallah Mackenzie Rachel Mann Mallory Allena Mareski Mary Elizabeth Martella Magdalena Ana Martinez Melissa Ann Masserang Gabrielle McDaniel Sunny McGovern Mary McMahon

Molly Cronin McMahon Barbara Mendez Campos MaryAnn Kristen Meyers Alexis Kay Miller Trelle D. Miller Anitha Nisha Mohan Jevon Moore Geena Marie Moreno Jeffrey Alexander Morris Claire Marie Nagel Sruthi Naraharisetti Bianca Lynne Nelson Krystyn Nicole Niescier Kari Anne Nilsen Yawen Ning Kristen Marie Northrup Aaron Corte-O'Brien Akintunde Oluwadare Alejandra Isabel Orellana-Portillo Geena Rose Osowski Shannon Therese Palmer Aimee Papineau Janna Marie Parke Lindsay Dell Hitt Passmore Krupa D. Patel Catherine Marie Perez Iliani Perez Rodriguez Caroline Crawford Perkins Sarah Marie Petrovich Jaedah Pickens Maria G. Pineda Hannah Lee Poore Julia Mae Popper Michael Damian Prisbe Marisa Anne Ouierv Mubeen Ejaz Qureshi Noreen Shabbir Raja Natalie Ramos Latha Ravi Kelly Rose Reszka Joel Vicente Réves-Klann Catalina Rios Philip Romanow Renee A. Romer Hannah Nicole Roughgarden Jasmine Rubio Stephanie Christy Sablich Neil Alan Sacks Andi Salinas Sydnee Alexa Sallan Laura Sanchez Gabriela Santiago-Romero Brandon Savage Jill Elizabeth Schaefer Taryn Schiff **Emily Marie Schimeck** Carolyn Marie Scorpio Debora Strauss de Moraes Muiños Piñeiro Shapiro

SCHOOL OF SOCIAL WORK

Master of Social Work

Reese Shasteen Emily Clair Sheridan-Fulton Yeri Shon Emily Jane Siegel Jacob Evan Singer Amanda Lynn Smith Darin Thomas Smith Jasmine Breonna Smith Kayla Carmella Smith Nathaniel David Smith Christian Charles Snyder Briana Nicole Starks Marina Sterngold Joshua Strode Caitlyn Elizabeth Sultana Yihang Sun Adam David Swendroski Anne Charlotte Taccolini Tishanna Maya Taylor Sara Marie Thane Feliesha Thomas Maya Latrice Thottakath Michael Jon VanderWaal Allie Lyn VanSickle Jonathan Amaru VanTreeck Christina Vargas Elizabeth Emma Vestal Yesenia Elena Villanueva Catherine Marie Wahl Brinn Marie Walerych Jessica Renee-Yi Warpup Jenna Meredith Weintraub Holly Wickham Kara Grace Williams Jiani Wu Annemarie Camillia Yaldo Christie Kaye Young Katharine Yugo Christine Marie Zanotelli Lin Zhu Maura Katharine Zindler

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Susan E. Borrego, Chancellor

COLLEGE OF ARTS AND SCIENCES

Bachelor of Applied Science

Annette P. Brown Crystal L. Freese Jeffrey T. Shelton Christopher B. Skalecki Shalon L. Waters Barrie Lynn Wood

Bachelor of Arts

Cherie L. Adamson Radhika Agarwal Caleb T. Alderman Abdullah A. Aljuaid Destiny S. Allen Fatimah M. Alshakhl Kiara L. Altman Mirvat Atava Salvatore D. Ausiello Jordan D. Bellant Egypt A. Boyd Tawana D. Branch Crystal A. Brentzel Luke A. Brown Jessica R. Burton Amanda M. Church Jason P. Clark Courtney M. Crawford Bijan J. Darakhshandeh Katherine A. DeGennaro Lauren A. Epke

Lauren A. Farmer Austin M. Feehan Julee M. Ferguson Kaylee A. Fifield Jo J. Fleischer Caleb A. Foster Michael D. Gearhart Mikayla A. Gilman Sarah E. Gilmore Mary M. Gotautas Livingstone Gowon Michael G. Hansen Johnathan D. Harper Kyle R. Harper Lejia Harris Kolin P. Hedden Samantha D. Hortop Heather A. Inman Givaunni S. Jackson Falon A. Johnson Gabriella B. Jones

Julie M. Kemp Quinton R. Kraft Charity F. Lloyd Emily E. Machala Kiaya L. Mahone Shenthea S. Mangrum Kelley B. Manns Taylor C. McClain Nicole M. McLeod Briana D. Minor Christin D. Morgan Anna E. Morrison Anthony C. Napolitano Devon C. O'Brien Kaitlyn E. Parks Alexandra M. Powers Rebecca L. Revesz Jamie E. Ross Drew R. Schlak Brittany L. Severn Katherine M. Shirk

Bachelor of Arts

Nicayla L. Shumaker Stacy R. Skinner Krystle D. Thorn Jesse J. Tuttle

Bachelor of Fine Arts

Taylor J. Boes Aisha R. Changezi Stephanie A. Chisnell Michael A. Vascotto Katherine A. Vergara Ramirez Daniel J. Walters, Jr. Rebecca R. Wilhite

Linsey M. Cummings Connor D. Klee Rebecca L. McLachlan Christeen A. Williams Cameron C. Wolf

Amanda R. Walters

Bachelor of Music

Michael	L. Al	obasspour
---------	-------	-----------

Abigail P. Darnall

Mariah L. Kage

Bachelor of Science

Jerry Alexander, Jr. Fatimah A. Almahdood Mohammad A. Almunif Mohammad Awad Ashley M. Barto Kasie M. Blackwell Jasper D. Bothuel Heidi S. Buckley Justen M. Caldwell Amanda N. Chowning David K. Clark Kristin S. Clark Darien D. Clay Isaac A. Diener Rvan A. Ellison Tyler W. Elton Álexander L. Ely Sequana A. Flores Ryan C. Fredwall Katie R. Gardner Jamie E. Henry Madisyn R. Hetherington Arielle L. Hinojosa Crystal R. Holmes Emily M. Hutchinson

Joseph M. Kako Veronika Karman Justen L. Kaufmann Michael J. Keller Sarah E. Kellett Kelsey L. Kirk Steven D. Landis, Jr. Nancy M. Lareau Alex A. Latunski Anthony J. Lawrence Christopher Lincoln Daniel R. Lunsford Maeson M. Makranyi Nicholas P. Manley Brandon W. McIntyre Tyler M. McPherson Chadd J. Measel Jason C. Moehlman, Jr. Kylie L. Moss Anthony C. Napolitano Zachary E. Nelson James H. Orlowski Ashley L. Osip Tori Parker

Keely M. Perrotta Cailee J. Ragonesi Robert J. Ruddy James R. Ruff Tomas Sanson Brittany L. Severn Caleb R. Slavik Christopher J. Smith Isaac T. Spoelman Brenden C. Stafford Madilynn S. Stapleton Wendy C. Storm Corv P. Strobel Shellee L. Tackett Anna O. Taylor Hilary L. Tesluck Breanna M. Tribelhorn Taylor A. Twohig Jordan N. Van Dusen Ashley R. Walding Emily R. Ware Jake V. Willoughby Andrew H. Wilson Ashlie R. Young

Bachelor of Science in Engineering

Justin H. Beatley Andrew T. Berta Kyle Z. Jenney Max M. Kryza Anthony C. Perge Allie N. Potter Andrew N. Ravi Kamalraj Adam C. Rhodes Anijit Roy Tara R. Schubring Jennifer M. Wioskowski Wayne R. Wood II Jeremy P. Zuehlke

Master of Arts

English Language and Literature

Darlene C. Carey Melissa A. Currier

Master of Science

Biology

Audrianna M. Earegood-McCarty Erick A. Hamilton Amberly N. Hauger Samantha S. Jackson Anjela R. Sullenger

Margaret M. Dikos Taylor E. Mata Angela M. Repke

Computer Science and

Information Systems

Iman M. Alqahtani

David M. Arnould

Stephen B. Anthony

Sreejith Balakrishnan

Sai Pradeep Chebrolu

Mathematics Jared C. Cutlip

David J. Faunce Erik J. Hoffman Aasritha Lakshmi Kasani Kristie M. LaDuke Nida Qayyum Charles V. Sharp

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Master of Arts

Arts Administration Leon C. Collins Mary C. Kelly

Master of Public Administration

Sydnee R. Byrd Terese E. Cole Raymond E. Dunavant Amy E. Harding Dino W. Hines DaMesha M. Jackson Erin Ciesielski Chris J. Cutler Delma Jackson III

Liberal Studies

Francesca M. Lucido Rachel A. Strickland Michelle M. Wieland

Brian J. Lipe Ronda T. Nelson Kristi L. Nodine Lindsay M. Noyola Jessica R. Pattison Joe A. Platzer Katherine M. Stanley Kendra D. Vanover Kevin N. Washington Diane Willey Lisa M. Winkel

SCHOOL OF EDUCATION AND HUMAN SERVICES

Bachelor of Science

Brittany D. Blake Alexis L. Bowman Riley N. Carpenter Alaina B. Doherty Christopher J. Dunning Samantha Gorman Hilary L. Jauss Sarah C. Markee Rebecca L. McNeill Mariam M. Rabah Autumn A. Reid Holly E. Stemm Sarah D. Taipalus Alexandria E. Wade Hope M. Wells Olivia M. Williams Michaela A. Wilson Allyson M. Young

Bachelor of Social Work

Quianee S. Felton

Bo Kwak

Master of Arts

Early Childhood Education Alysha L. Arnould Stephanie S. Blouir Shelia B. McElwee-Byrd Rose L. Pelong Bette J. Thomas Jane M. Ward **Education Teaching Certification Program** Bobbi J. Greer Mary L. Trudo

Educational Technology Erica A. Muehlhauser

Doctor of Education

Jenna B. Briggs John Hagens, Jr. Amy J. Henry Nathaniel B. McClain **Literacy Education** Carey E. Brockman

Kim M. Rosebohm

SCHOOL OF HEALTH PROFESSIONS AND STUDIES

Bachelor of Science

Yousef A. Abdelhay Sierra A. Allport Nour A. Alnasser Fatimah M. Alshakhl Rochelle D. Baas Jasmine K. Benton Raye A. Bloomfield Sol Camacho Munoz Jennifer R. Cameron Christine G. Douglas Emily K. Galerneau AJ J. Grinnell Larry P. Harder Tonja L. Horton Harley L. Hyder Quadejah M. Jacobs Abigail E. Jones Hannah A. Karczewski Shanon M. Kozak-Yarbrough Shane M. Leitner Niyah Lewis Virginia E. Link Hope M. Loughrige Megan M. Louis Germarius M. Major Katie L. Matus Kyle D. McCarty Matthew J. Okenka Jessica R. Pickett Sydney M. Popour Raina K. Richardson Samantha J. Richter Sara A. Schram Roy M. Sobhie Ian D. Straley Marisa J. Tadajewski Jamie L. Travis Casey L. Whorton Kyle P. Yankee Rebecca K. Yemm

Bachelor of Science in Nursing

Amy L. Senior

Master of Public Health

Danielle D. Blasdell Erin M. Brown Korbyn S. Callaway Kanday R. Campbell Asim M. Elbakheet Jaime R. Hare Meghan L. Kiehna Parkash Kumar Sankar B. Majeti Mallory F. Miller Shirley-Ann A. Osei Onomah Amanda L. Parker Morgan E. Perry Shawn M. Schutt Stephanie A. Spitzley

Master of Science

Health Education

Sherelle M. Bell Brown

Jessica C. Gutierrez

Doctor of Anesthesia Practice

Dee A. Berry Nariman H. Gumma Sharon Novack Shannon T. Slabinski

Doctor of Nurse Anesthesia Practice

Rebecca L. Goode

Doctor of Philosophy

Devashish Tiwari

Doctor of Physical Therapy

Bryan A. Forton Kristin K. Hoard Cristian Rinuncini Cristina Sabbadin Lilian A. Velasco

SCHOOL OF MANAGEMENT

Bachelor of Business Administration

Nahar Algahtani Fahad N. Alkhalouf Matthew J. Baker Robert W. Barrett Erin E. Bell Adam L. Bryant Matt P. Buglione Steven M. Carlson Mark C. Carter Micah D. Clarke Brennen M. Czechowski Ashley N. Darga Raquel L. Davila Matthew P. Dean Janica L. Eskridge Brooke K. Gardner Morgan L. Gavulic Nabil M. Gheriani Megan Golm Tyler J. Harbin Kyle N. Hughes Zubera N. Jemal

Kathleen A. Johnson Robert D. Kellev Kolin L. Kirby Clarian M. Kmetz Urundi A. Knox Amy L. Lazar Michael Lewis Travis A. Manier Micah J. Marz Hanna M. Moncrieff Haleigh N. Morgan Aaron E. Nelson Samantha A. Neville Aaron J. Nowakowski, Jr. Joylynn T. Orvis Taylor C. Osentoski Sydney L. Parvin Austin P. Patton Myles B. Penrose Matt B. Richards Annie G. Ricker Rayshawn D. Riley

Heather M. Ruby Weston Schwab Haoran Shi Kim A. Shugars Alex D. Spangler Angela V. Stallworth Travis E. Sweeney Joshua D. Tatterson Michael T. Themm Bradley F. Tomasek Stephanie D. Tomczak Jim E. Traxler, Jr. Moira L. Tuttle Sylvester A. Tyler Nina S. VanDriessche Eddie F. Walterhouse II Beecher M. Warren Danielle I. Whitefoot Aaron R. Witek Prashant Yaday Maria C. Zaldivar

Master of Business Administration

Damilola A. Alao Tim A. Ekola Shane Emmons Ruoxi Fu Jordan M. Hackett John Harb Ola Hasso Bill P. Howe Kevin E. Koonmen Khoa M. Lam Bonnie McIntosh Sadiya Munir Matthew G. Musary Megan L. Perkins Latonia R. Raines Andrew W. Starck Eba M. Traore Leslie Walton Lara N. Wilson

Master of Science in Accounting

Tim A. Gardner Joel K. Martin Sadiya Munir Amanda Plowman

Karen L. Gleason

Latonia R. Raines Christopher C. Warber

SCHOOL OF NURSING

Bachelor of Science in Nursing

Ogechi C. Aririguzo Kayla N. Bailey Lisa M. Ballerini LaSondra L. Banks Felicia B. Bennett Bradley S. Bessette Lana M. Bey-Wright Rachel H. Blenc Erin L. Boekema Maryann M. Bosel Amber N. Boyle Stephanie Bruma Saralynn A. Bush Jennifer S. Canfield Terri D. Cargill Rachel M. Chacko Everica T. Chambers Jessica Champagne Lauren M. Climie Christine A. Cooper Jennifer Dale Meleah D. Denson Anna V. Dettman Victoria L. Dixon Tricia R. Dragisic Lillian M. DuBois Jessica C. Duggan Allison M. Dunlap Stephanie L. Dunlap Katie A. Edwards Sara B. Elmore **Rick W. Everette** Shanel J. Famularo Destiny R. Farber Kirstie M. Fondren-Edwards Angela M. Fortin Cheryl L. Fosgate Katie Gabany Timothy E. Georvassilis

50

Melanie A. Glenn Joshua T. Haines Aaron N. Harvey Michelle C. Hatton Aaron M. Helias Rob M. Henison, Jr. Laura G. Hernandez Jena L. Howe Chelsea M. Hudson Jill S. Jarvis Jennifer L. Johnson Paige Kao Nida W. Kased Kayla T. Keen Holly N. Kopaniasz Khrista M. Kramer Nicole Krug Jessica A. Kuchlbauer Jessica M. LaBar Corey S. Lang Chelsea K. Layman Nina L. LePage Jun Hyuk Lee Lauren R. Longbucco Rolanda M. Love-Dixon Stacey L. Lynn John D. Madeiros Katie K. Mangiaracina Hannah M. Masserant Jordan K. McGuire Emily J. McIntosh Petrina C. Meininger Alexandra K. Miller Kelly L. Mitton Brenda A. Needham Marv K. Neumann Chelsea E. OConnell Amber L. Olson

Amy M. Pagels Jessica M. Parks Chervl L. Patton Natalie L. Pawlaczyk Giana T. Peoples Kaycee A. Peterson Brandi J. Peverk Kevin A. Poole Joanne M. Pratt Ryan A. Quaderer Laura J. Rabideau Joshua L. Ritchie Lauren C. Rogers Stephanie C. Ross Rylee A. Rubio Joann R. Santellan Courtney-Sue D. Santora Steve E. Schenk Alicia M. Schwandt Angela M. Seabrook Eman M. Shakir Miranda L. Sharp-Boisseau Amber J. Sherrill Janelle Singletary Cassandra A. Slackta Brook E. Spomer Thea J. Stiffler Haley C. Stowe Nancy W. Stutler Jeremy H. Suckow Madison J. Tracv Erika G. Trevino Lisa M. Turnquist Elisabeth M. Vandekieft Jacob A. Vanderhoof Joshua C. Vanderpool Amy S. Villegas Rosemarie J. Wahoski Brittany N. Walker

Bachelor of Science in Nursing

Jason J. Warczinsky Sarah D. Wheeler Tara L. Wiggins Stephanie L. Wilds Jason L. Williams Tausha L. Williams Dave M. Withey Lindsay K. Yateman Celeste R. Zachary

Graduate Certificate

Rose D. La Pine

Master of Science in Nursing

Ashley R. Dryer

Doctor of Nursing Practice

Denika L. Dalton Cindy R. Gustafson Michael J. Mooney Valerie Pfander Christin J. Porro Amorena L. Tompkins

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1958, Domenico Grasso, Chancellor

COLLEGE OF ARTS, SCIENCES, AND LETTERS

Bachelor of Arts

Sultan Abou Hamdan Lama Ali Ajrouche Ahmed Alasady Rukya Namir Álmothafer Alicia Juarez Alonzo Bryan James Assenmacher Joel Abraham Atallah Lauren Marlaine Bahu Kimberly Ann Bali Stephanie Marie Bedon Joseph M. Berry Jacob Ryan Bolsley Kaela Nicole Boyd Chelsea Marie Burke David Todd Burnaska Deanna M. Burrows Lilybeth Guadalupe Castillo Zahra Rose Cawley Renee Marie Chahil Christopher Edward Conn Ariana Corona Anthony M. Custer David A. Davis

Tonya Mary Davis Shurab Dhar John Michael DiPonio Christine Sara Dubicki Justin R. Dunlavy Abdel-Raouf El-Alami Hawraa Hussein El-Hakim Brandon E. Falk Hanadi H. Farhat Alexis Flowers Robyn D. Gardner Maria Aparecida Girao Robert Gustel Glover Edgar Gomez Jonathan P. Good Jesse Peter Graffagnino Jeyhun Gurbanov Duaa Nazih Hachem James Joseph Hague, Jr. Noor Taha Hamzeh Emily C. Hanson Olivia Anne Hauser Emma Katheryn Hegel

Elyce Alexandra Heike John P. Higgins Emily Jane Homeister Danielle Ellen Horvath Amanda Rose Jagod Manpreet Singh Johal Shanel Taylor Johnstone Jacob Aaron Kahn Michelle Marie Kaya Sara Maria Kellenberger Shane Dave King Roman Knight Nancy Lee Samantha Mariah Llanes Alexandra L. Lopez Shelby Gale Lubienski Amanda B. Lucas Connie Alice Lustig Nissrine N. Makki Elena Maria Makssoud Daniel Scott Mandziuk Anastasev Manolatos III Meera Christine Martin

Bachelor of Arts

- Sarah Ann Martin Ashley Nicole Maynard Keith L. McCallum Louis F. Mettes, Jr. Oana C. Miller La'Davsha Danielle Renee Moore Gilbert Edward Morrison Fadaelalrahman H. Mukhlif Austin J. Mulka Nicholas Joseph Munro Reem A. Najdi Hanan Ali Nasser Richard Nehring Jessica Megan O'Donnell Diana S. Ollaik Alexandria Margret Pallitta
- Shawn Jai Paniwani Roman O. Pavlov Henry Thomas Porter Mohammed M. Rahman Rebecca H. Richardson Nicholas Michael Riha Steven M. Robenault Zouhru Ali Saab Talice L. Sagerer Monique Sartor Marisa Rose Sauve Lily Frances Seccombe Andrew T. Seewald Matthew J. Shafer Samer S. Shebak Aya Amena Sheikh

Bachelor of General Studies

Primavera Tonatzin Flores Brian Joseph Glow

Bachelor of Science

Benjamin Joseph Abdo Reama M. Achour Shafa Al-Humadi Haifa Marshall Ali Hawrah Mohammed Alshimary Halev N. Ankony Atwain Mohamed Atwain Kimber Jane Blake Katlyn Marie Blassic Austin Michael Blevins Xin Chen Alexandrea B. Cochran Christopher Edward Conn Rana J. Dabaja Alexandria Cecelia Dudas Amber S. Ellis

Master of Science

Criminology and Criminal Justice Arizat Adams Yasmeen Baydoun

Majd Toufic Faraj Christian J. Fiolka Peter Charles Galda Sondos A. Hajar Nariman Halimeh Roukia Ibrahim Hamoud Rachel Jeanette Holthus Sean M. Hyde Hady Saeb Jaber Hadia Nafis Khan Elizabeth Anne-Rein Klaus Mark K. LaFreniere

Courtney Anne Grove-Dyer

Ronald Justin Montgomery

Sawaira Gul Sheikh Shahrin I. Shomi April Renee Slusser Shayla Smalls Melissa Gwen Sneed Keri Lvnn Snyder Alec B. Sparks Skylar Steel Matthew Stephens Kennedy A. Taylor Dajae A. Thompson Hannah Turnbull Marissa Warren Dorothy E. Williams Nicholas J. Williamson Michael T. Wright

Malenda Kyleigh Diane Pridemore Steven T. Rogers

Damien Michael Hunter Mikulski Hanan Ali Nasser Megan Kerri O'Bryan Diana S. Ollaik Scott Andrew Pieknik Neveen Rammal Matthew Jack Riashi Richard Stephen Roy Noe Salinas III Kevin Christopher Saybolt Malak Seifeddine Salam A. Smidi Andrew R. Tons Daniel T. Tran Deanna Christine Wilczek

Franz Douglas Blanchard Thomas Manley Latimer

Lucas Michael McLellan

Shifa Lakhani Brianna Maureen Lipa

Hasan N. Makki

Psychology Jessica Jeanette Brown Nicole Kathleen Corso

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

Master of Public Administration

Adriana M. Alvarez Corinne F. Duluk Troy C. Goodnough Chad Edwin Hanson Michelle Matchett Angela Rose Milledge Syreeta Monae Parker Marion Renee Sanders Elizabeth Ann Smith Kendal Antoinette Walker

Master of Science

Applied and Computational Mathematics Nathan Richard Ortiz

COLLEGE OF BUSINESS

Bachelor of Business Administration

Redhwan Mohsin Abdulla Fatima K. Abdullah Steffon Antonio Agius Jillian Nicole Aguirre Jaffer M. Ahmad Ian Edward Aiken Andrew Vincent Ainsworth Asaad Abdullah Saleem Laheq Al Hadabi Taleen Alawadi Ahmed Thyab Albusaidjwad Michael Edwin Alessandri Mehdi Al-Hassan Francisca Ali Cory R. Anusbigian Mirna A. Balaghi Toree Nyira Barnes Zachary Raymond Brown Alec Krikor Calukyan Stephen J. Philip Caruso Sarah Grace Casement Selena Chen Bradley Lawrence Conflitti Bianca Eduarda Cristea Brendan P. Crocker Nader M. Dawoud Eric Michael DeRosia Mvrka Paulina Diaz-Lopez Zachary C. Dusseau Simona Enache

Erik Jerold Fifer Rachel Ann Fisher Yousef Ahmed Ghaddar Ryan Peter Gliwa Dalton Jacob Helvey Alyssa Marie Judd Amanda Jean Karpack Fahd Sikandar Khalifa Hiba A. Khatoun Araceli Lozano William Mason Mahaffey Nicolas Charles Maisano Hassan Ali Makhzoum Sara Makki Jason Bradly Markowitz Montana Kevin McCray Spencer J. Mikols Hillary Lee Mlynarczyk Patrick Pauli Mochol Steven M. Morales Eleeza Pierre Mouradian Ibtesam K. Mustafa Hadi Sami Nahle Prayag P. Parikh Kajal Mahendra Patel Ryan Anthony Petras Vincent Petro MacKenzie G. Phillips Michael Patrick Pinkowski Joseph M. Piotrowski

Jeffrey A. Poole Cameron A. Price Jeffery Richard Pringle Nicholas A. Raad Lorenc Rranxburgaj Eman Saeed Lauron Faye Sanders Vinu Sebastian Matthew J. Shafer Chimere Nicole Shamley Annette A. Sheets Anne Claire Shymanski Timothy David Smith Franziska Sofie Sodeikat Sidney Alaina St Germain Denise L. Stabley Alexander David Starr Angel Deanna Stonestreet Scott Richard Szymusiak Zachary James Tavierne Ha Tran-Coleman Athanasios C. Tsorvas Zakariya A. Velasquez Dennis Vila Matthew John Wilinski Kyle Winter Zachary Scott Yoder Ali J. Zahra Brandon T. Zetouna Joseph Michael Zylka

Master of Business Administration

Shannon Marie Allen	Hassan Anis Doghman	Brian D. McGeary
Bashar Amjad Alnarraie	Jeremy A. Fazely	Kyle Edward Milliman
Sean Michael Ammori	Yanina Goncharenko	Prashant K. Parab
Christopher Allen Cascadden	Nicholas G. Guidos	Hina Purohit
Leonardo Rafael Cedeno	Nicholas James Hopson	Thomas Joseph Sobeck
Lingyu Chen	Jaquelyn K. Hull	Tyler Richard Strickland
Zolok Datta	Daniel Ward Kaminski	Trevor Nathaniel Tobel
Sean Daniel Dietrich	Nami Kodama	Madiha Wasty

Master of Science

Umachander Balakumar Ruba Farah Fatima R. Idrees Yungseob Kim Pauljin Kochupyloth Abimanyu Kumar Po Chih Lai Jingying Li

Nidhi Maley Satvika Nanduri Nitish Nijhawan Vikramvelupandian Palani Suruchi Prasad Brittany Lynn Quint Gyan Shanker Sonia M. Shetty

Deepanshee Singh Manasa Reddy Tekula Trevor Nathaniel Tobel Kristina Lynn Vujic Chad Brian Wachholz Xiaohan Wang Ping-Cheng Wu Jing Yun Yang

Master of Science in Accounting

Christopher Michael Collins	Michael K. Farmer	Melanie D. Kytola
Marwa Mustapha El Sabbagh	Anmar Hajali	

Master of Science in Finance

Brian D. McGeary

John Kyle Opalinski

Sevgi Tari Baran

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

Bachelor of Arts

Sara Catherine Agne Zahra H. Alamery Jameela Alasri Zeinab Aanaid Aljebury Zahra Bassim Al-Ťiwainy Sara Mai Baker Brittaney Marie Bateman Linda Bazzi Wadad Mustapha Bazzi Dalia Hani Berro Sayrd Kathryn Coradazzi Britni Rose Donohoo Hanan Ali Elachkar Hosn Saleh Ahmed Gelan Nawal Jamal Hallani

Ava Mwafak Hariri **Rachel Anahid Higgins** Azyza A. Ideis Alwayn Abdulraqib Kaid Manal Mohamed Kamaleddine Adela Leon Christal Jarner Medel Fatima A. Mourad-Hamid Samar A. Mousa Dawn Marie Parker Bethany Peterson Jenifer C. Pifer Maciej C. Pilipovic Fatimah M. Ridha Darielle Abigale Robinson

Natalie P. Schaefer Anna Marie Shermak Paige Tapp Francis Michael Teevin Amanda Tokko Kaitlin Elizabeth Tracy Gina Marie Verduzco Elizabeth Vlachakis Danielle Tanya Marzal Waller Dorian Miguel Whaley Rasha Zahr Ciara Rae Zuke

Bachelor of General Studies

Jennifer Ann Blair	Noor Jawad
Stephanie Jean Caraccia	Denise Roxanne Lechtanski
Amy Marie Dugas	Husainah Musa Nasser

Tasneem Abdo Qasem Amy Marie Tanielian

Bachelor of Science

Thomas James O'Donohue

Alicia DelSol Zelaya

Master of Arts

Early Childhood Education
Mesha M. Green
Denise M. Pelky
Vaneece Breyana Porter

Educational Technology Amanda Joy Bailey Elizabeth Bernadine Bara

Master of Arts in Teaching

Jihad Ibrahim Baydoun

Master of Education

Christine M. Donaldson Inass A. Eldebs Angela Marie Horne Erin Rochelle Lewis

Julia T. Richie

Master of Science

Health Information Technology Rima Baalbaki Ahmad K. Jawad Vinita Kotnis

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

Master of Arts

Education Iman Norman Alsabahi Zeinab Daoud Bazzi Cristina Annatonietta Dicarlo Amanda Lucille Smith Lakesha L. Spencer Nina Hamood Strutz

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Bachelor of Science

Bioengineering

Jalila Hamdan Al Rawahi Courtney R. Dodge Jonathan A. Filip Samer M. Habeel Suhaib Mustafa Hashem Kylie Marie Hill Belal M. Ibrahim Doaa Samer Jaafer Sayeduzzaman Khan Nikole Therese Podsiad Dina Alawi Shohatee Kelsey Lynn Vukas Dylan Michael Wielusz

Bachelor of Science

Computer and Information Science

Franz Carl Albright Saratchandra Dheeraj Bondada Kyle Gregory Drewno Steven Alexander Gassner Andrew David Green Morgan Alexis Henson Justin Alexander Hogue Bradley Paul Moore Daniel Neamtu Zachary D. Nelson Victor Spiros-George Nitos Peter Francis O'Donohue Nihar Anantkumar Pandya Alexander Gordon Reno Steven Joseph Serette Evan William Shriner Yuichi Taya Eranus Christian Thompson

Cybersecurity and Information Assurance Mazen Abed Hammoud Tiffany J. Murphy

Digital Forensics

Sean M. Downham Lindsay Payton Hilliard

Software Engineering

Mike Alameh Yussra Ahmed Algiery Ayah H. Chebli Ahmed Qusay Hashem Timothy Emil Iversen Brandon Thomas Lackowski Nesrin Ali Mohammed Safa Ahmed Riashi Kenneth W. Rogale Ismaeel Kaiser Varis

Bachelor of Science in Engineering

Computer Engineering

Mostafa Al Naimi Thomas James Anderson Daniel P. Beier Jeanna Brown Tesfalem Mehari Dagnew Fernando Esparza Dashamir Fejza Modou Lamin Gaye David Anthony Sears Logan Michael Wilamowski

Electrical Engineering

Abdul Aziz M. Abuzir Yusif Alfakih Abdulwali Al-Fakih Ismail Alawi Alkahali Noor Alsamarai Ali Yaser Ahmed Alshakdari Thomas James Anderson Hamed Mohamed Awad Fatema Samir Bazzi John Bule Alayna Bryann Cody Leonard Dziubinschi Dashamir Feiza Jasmine Jessica Gerrish Mohamad H. Hachem Mowaffak Ali Hajhassan Ali Ismail John Mdaihli Rami Mustapha Mounajed Nour Ibrahim Mustapha Mohammed Saleh Nasser Zaid Ahmed Nasser Enri Nurai Steven Michael Paris Kyle M. Pham Nadine Ali Reda Chelsea Simone Reed

Hatam Ali Saeed Ammar Shaibi Shihab M. Shihab Paul D. Standtke III Steven Nicholas Stefanovski Jihad Abdo Zandani Carmen G. Zolo

Engineering Mathematics Fatema Samir Bazzi

Industrial and Systems Engineering

Daniel Christopher Baier David J. Bennett Jeffery M. Camilleri Rayan M. Khalaf Erica Lorraine Magnuson Linda Marie McFaul Catherine Anne Miller Mitchell William Valla Matthew J. Woodford

Mechanical Engineering

Marwan Aziz Al Hadhrami Hamza Bilal Amhaz Cameron Bardelli Daniel Christopher Becht Gregory A. Bo Samuel Adam Burmeister Nickolas Michael Cardinal Charles Lander Cheeks Dominic August DeGiulio Courtney R. Dodge Jonathan A. Filip Adam Daniel Flowers Elihu Gonzalez Sergio Gonzalez Ayah Hamad Newman F. Harper Scott Thomas Hartzel Kylie Marie Hill Jacob B. Hodges Belal M. Ibrahim Joshua Ranielle Igros Ellen M. Kauten Nicholas John Kelly Sayeduzzaman Khan Teresa Koda Matthew Shota Konishi Andrew B. Lochmann Mitchell Levin Long Ashley MacBrien Austin J. Murphy Zevad Tareq Mushref Alexander M. Muszynski Jason Michael Obrycki-Smith Olivia Lynne Olson Bindal Patel Nikole Therese Podsiad Yousuf Ahmed Qadri Obayed M. Rahman Grant D. Remell Tamer A. Safwan Steven Saleh Anjanaya Sharma Frank Thomas Suchy Michael D. Tassoni Joseph M. Tedder Maxwell Thomas Trenkle Kelsey Lynn Vukas David Joseph Wiebelhaus Dylan Michael Wielusz Magdy Ehab Youssef Jingxuan Yu David A. Zybach, Jr.

Doctor of Philosophy

Electrical and Computer Engineering Tao Chen

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

Master of Science

Computer and Information

Science Sameera Ahmed Nikhitha Bekkanti Chengqi Bian Omar Iftikhar Weichen Jiang Nihar Maka Francesco E. Mangano Sri Sai Krishna Abhishek Piedy

Data Science

Azad Prince Badyal

Engineering Management Molli Jayne Andor Brandon James Cameron

Master of Science in Engineering

Automotive Systems Engineering

Hadi Abbas Harshal Hanamant Bhosale Alan James Chewter Gopi Chand Dasari Randon Robert-Lewis Fuller Wei Guo Hussein Ali Jammoul Sandeep Kolluri Satyajit Krothapalli Daniel Kwass Avhidipta Mondal Preeti Negi Salvador Ārenas Palafox Chirag Shivananda Hardeep Singh Kushagra Chandrakant Upreti

Computer Engineering

Wei Li Manoj Tukaram Raut Prudhvi Raj Rongali

Electrical Engineering

Alexander Noel Breg Micah J. Diekhoff Zhening Du Kassem Nadim Farhat Ziad Fawaz Manjunath Naidu Ganaparthi Jake Julian Hoppert Ian Miner Jester Melissa Kay Johnson Benjamin Daniel Markel Jorge Merced Morillo Mohammed Ahmed Saeed Noman Priyank Patel Daniel Lee Strait Ryan M. Wright

Information Systems and Technology Usha Durairaj

Ishani S. Modi Private Oye Mba Balaji Rajendran Dionte J. Smith

Abdul Sattar Hammoudeh Cheng Liu Viveka Mishra Furkhan Baig Mohammed Ali Adel Nasser Kechen Pan YueHeng Peng Ghanem Ahmad Raishouni Rajpuneet Singh Sandhu Salman Shahid Sheikh Ian Mathew Siekkinen Kyle P. van Hoof Dylan Julius Verster Yaling Wang Zhongjin Xu Yuedong Yan

Energy Systems Engineering

Mujahid Aijaz Ishmael Kola Amegashie Khaled W. Assofe Brett Garrison Babin Clark Orion Richardson Johnathan Roelk

Industrial and Systems Engineering

Sri Sushmitha Bramhakanti Wei Chen Chuan Cheng Sanket Shankar Dhole Karla Marie Sola Richard C. Stretanski Skylar John Sutton Maryam Syeda

Program and Project Management

Clinton R. Derringer Dagmar Kopecka Hall Fangting Wang

Software Engineering

Brennan H. Crispin Haris Khan David Scott Russell Hussein Skaf Ran Xu

Kutessa Marie Garnett Jayadeep Ram Guttikonda Venkatesh Kandregala Eric John Karr Ying Zhao Wanqing Zhu

Mechanical Engineering

Venkata Satva Sreenivas Agnihothram Travis M. Compo Pranav P. Deshpande Justin Mackenzie Fitzwater Jordan H. Furness Maoning Ge Suparshwa Keerthi Amol Kulkarni Tyler Anthony Lenzen DeWayne Asbury Logan Matthew Charles Ortman Nicholas Anthony Ozog Jordan T. Renn Bernard John Schmitt Scott George Solyak Deepika Somayajula Jason B. Stewart Taylor Ruby Sykes-Green Venkata Rama Sai Teja Velivela Prasanth Kumar Yalamanchili Kang Yang

SCHOOL OF INFORMATION

Founded in 1969, Thomas A. Finholt, Dean

Bachelor of Science in Information

Loren Heubert-Aubry

Courtney Luk

Master of Health Informatics

Hyeon Joo

Master of Science in Information

Nalin Bhatia Katherine Alexandra Bruce Sophia Chiu Joshua David Duval David Goldin Laura Grey Caroline Hodge Megan Holmes Brian Douglas Johnson Nikhil G Kalambur Ningyue Lai Aakanksha Parameshwar Bicheng Xu Yiu-Wen Yu Meng Yuan Licheng Zhu

PENNY W. STAMPS SCHOOL OF ART & DESIGN

Founded in 1974, Gunalan Nadarajan, Dean

Bachelor of Arts in Art & Design

Kira Elizabeth Appelman Sydney Fuller Emily Rose Harju Chelsea Dianna Heath Yizhe Huang Ga Yeon Ji Nathan Andrew Malonis Jiin Suh Allison Winnik

SCHOOL OF KINESIOLOGY

Founded in 1984, Lori Ploutz-Snyder, Dean

Bachelor of Arts

Sport Management Alessandra Sofia Bologna Ahna Buffa Gabrielle Marie De Loof

Bachelor of Science

Movement Science

Andrew Dahlgren Tyeisha Fuller Alissa Rae Gosen Cameron Michael Kennedy Mingyu Kim Timothy James Niehaus Jonathan Max Greenspoon Alexa Taylor Guest Jacob James Kostner Ashley Rose Peper

Yogesh Dhirubhai Patel Holly Petrusson Daniel Bradley Rose Christopher Matthew Savoie Ali Torrence Evan White Sophie Hannah Wittenberg Ryan Patrick Smith Kristen Leilani Walczak

Carly Anne Zebelian

Health and Fitness

Benjamin Fairfield Brinkerhoff Nick Wesley Fasseel Devon William Fuller Grace Kathryn Nardiello

SCHOOL OF KINESIOLOGY

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

Master of Science

Movement Science Chiwoon Ahn Cassandra Jo Gardner

Cassandra Jo Gardner Bryce Richard LaBar Robert Oswald **Sport Management** Shuobai Han Kristin Margaret Heidt Xu Ji Katheryn Mary Johnson Shensi Liang Robert B. Lucas II Matthew Mol Logan John Schuemann Brenton Matthew Williams Jiawei Xu Jiajun Zhu

GERALD R. FORD SCHOOL OF PUBLIC POLICY

Founded in 1995, Michael S. Barr, Joan and Sanford Weill Dean of Public Policy

Bachelor of Arts in Public Policy

Tyler David Coady William Wright

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

Certificate of Graduate Studies

Science, Technology, and	Kimberly Rose Daley
Public Policy	Jackson Gregory Voss
Tyler Cousins	

Master of Public Administration

Guiqiu Wang

Master of Public Policy

Erin Elizabeth Burke Anthony David Castaneda Anne Jensen Lombardi Victoria Loong Nathan James Love Rafael Marroquin Zecevic Sruthi Naraharisetti Kelley Veronica Scholl Kevin Michael Schuster Kathleen Willer Sly Jackson Gregory Voss Zhizhong Wan Qianru Zheng

UNIVERSITY OF MICHIGAN GRADUATES

August 2018

The following is a list of candidates granted degrees in August 2018.

HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

Founded in 1912, Michael J. Solomon, Dean and Vice Provost for Academic Affairs–Graduate Studies

Doctor of Musical Arts

- **Christina Michelle Adams**, Field of Specialization: Music Performance. Dissertation: Versatile Violin: An Exploration of Violin Repertoire from the Baroque Era to Present Day.
- Jessica Lynn Allen, Field of Specialization: Conducting (Choral). Dissertation: Three Dissertation Recitals: Sacred Music for Choir, Strings, and Organ and Complementary Choral Works.
- Joshua Christian Anderson, Field of Specialization: Music Performance. Dissertation: Summary of Dissertation Recitals.
- Landon Evan Baumgard, Field of Specialization: Music Performance. Dissertation: Three Collaborative Piano Recitals: Schubert's Die schöne Müllerin, Assorted Works for Clarinet and Piano, and an Exploration of Comparative Song Settings.
- **César Eduardo Cañón Riveros**, Field of Specialization: Music Performance. Dissertation: Summary of Dissertation Recitals Three Programs of Collaborative Piano Music.
- Hyejin Cho, Field of Specialization: Music Performance. Dissertation: Summary of Three Dissertation Recitals.
- Leah Noel Claiborne, Field of Specialization: Music Performance. Dissertation: Leveling Piano Music by Black Composers.
- Michael Cody Dean, Field of Specialization: Music Performance. Dissertation: Three Dissertation Bassoon Recitals.
- John William Gruber, Field of Specialization: Music Performance. Dissertation: Three Dissertation Recitals of Trombone Music.

- Alyssa L. Abbey, Field of Specialization: Earth and Environmental Sciences. Dissertation: Assessing Rio Grande Rift Development and Exhumation in the Southern Rocky Mountains Using Techniques in Low-temperature Thermochronometry.
- **Cassandra Aceves**, Field of Specialization: Business Administration. Dissertation: Robust Systems of Cooperation.
- Abdulrazaq Abiodun Adams, Field of Specialization: Chemical Engineering. Dissertation: Multiscale Investigation of the Nonlinear Rheology of Wormlike Micelles.
- Emmalee R. Adelman, Field of Specialization: Molecular and Cellular Pathology. Dissertation: Widespread Epigenetic Reprogramming in Aging Human Hematopoietic Stem Cells.
- Siddhant Govardhan Agrawal, Field of Specialization: Mathematics. Dissertation: On the Motion of Angled Crested Type Water Waves.
- **Hye Sang Ahn**, Field of Specialization: Music Theory. Dissertation: From Partimento to Finished Work Realizing, Revising, and Expanding Partimenti Using Techniques of the Bach Family.

- **Natalia Kazaryan**, Field of Specialization: Music Performance. Dissertation: Fantasy and Transformation: A Summary of Dissertation Recitals.
- Yongmin Kim, Field of Specialization: Music Performance. Dissertation: Articulating han: An Exploration of the Distinctions between Western and Korean Vocal Music.
- **Richard Michael Narroway**, Field of Specialization: Music Performance. Dissertation: Dissertation in Music Performance.
- Merryl Katherine Neille, Field of Specialization: Music Performance. Dissertation: Teaching Artistry of the Flute: A Summary of Dissertation Recitals.
- Julian Lee Pegram, Field of Specialization: Music Composition. Dissertation: Higher Ground, Opera in One Act.
- **Diego Piedra**, Field of Specialization: Conducting (Orchestral). Dissertation: Three Recitals.
- Luke Thomas Randall, Field of Specialization: Music Performance. Dissertation: Summary of Dissertation Recitals: Three Recitals of Vocal Music.
- **Yun-Chie Wang**, Field of Specialization: Music Performance. Dissertation: Three Dissertation Recitals: the German Romanticism in Instrumental Music and the Baroque Instrumental Genres.
- **Susan Yang**, Field of Specialization: Music Performance. Dissertation: Summary of Two Dissertation Recitals and Pedagogy Workshop.
- Ari Lawrence Allyn-Feuer, Field of Specialization: Bioinformatics. Dissertation: The Pharmacoepigenomics Informatics Pipeline and H-GREEN Hi-C Compiler: Discovering Pharmacogenomic Variants and Pathways with the Epigenome and Spatial Genome.
- Ahmad Ali Ansari, Field of Specialization: Aerospace Engineering. Dissertation: Input and State Estimation for Discrete-Time Linear Systems with Application to Target Tracking and Fault Detection.
- Jacqueline D. Antonovich, Field of Specialization: History. Dissertation: Medical Frontiers: Women Physicians and the Politics and Practice of Medicine in the American West, 1870-1930.
- Sarah Kate Mathisen Aronowitz, Field of Specialization: Philosophy. Dissertation: Rational Structures in Learning and Memory.
- Jesus Daniel Arroyo Relion, Field of Specialization: Statistics. Dissertation: Topics in Network Analysis with Applications to Brain Connectomics.
- Tomoya Asaba, Field of Specialization: Physics. Dissertation: Torque Magnetometry and Transport Study on Topological Superconductors and Semimetals.
- Umar Aslam, Field of Specialization: Chemical Engineering. Dissertation: Engineering Multicomponent Nanomaterials for Plasmonic Catalysis.

- Hoda Bandeh-Ahmadi, Field of Specialization: Anthropology. Dissertation: Anthropological Generations: A Post-Independence Ethnography of Academic Anthropology and Sociology in India.
- Wei Bao, Field of Specialization: Physics. Dissertation: Dynamic Core Community Detection and Information Diffusion Processes on Networks.
- **Brody Richard Bassett**, Field of Specialization: Nuclear Engineering and Radiological Sciences. Dissertation: Meshless Methods for the Neutron Transport Equation.
- Matthew Bellamy, Field of Specialization: English Language and Literature. Dissertation: Spy Culture and the Making of the Modern Intelligence Agency: From Richard Hannay to James Bond to Drone Warfare.
- **Deepti Bettampadi**, Field of Specialization: Epidemiological Science. Dissertation: Socioeconomic Inequalities in Childhood Vaccination in India: Pathways and Interventions.
- Emma Elisabeth Anne Beyers Carlson, Field of Specialization: Psychology. Dissertation: Sibling Relationship Development and Sharing Behaviors in Early Childhood.
- **Tyler Steven Beyett**, Field of Specialization: Chemical Biology. Dissertation: Structural Studies and Pharmacological Targeting of Protein Kinases in Obesity and Heart Disease.
- Aniruddha Bhattacharya, Field of Specialization: Electrical Engineering. Dissertation: Properties of III-Nitride-Based Polariton and Spin Polariton Diode Lasers.
- Shrijita Bhattacharya, Field of Specialization: Statistics. Dissertation: Outlier Identification in Spatio-Temporal Processes.
- **Cindy Bick**, Field of Specialization: Ecology and Evolutionary Biology. Dissertation: Can Oceanic Island Endemic Partulid Tree Snails Survive the Anthropocene?
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Samuel David Pierangelo Ryan Prescott Mark Charles Ryda Felipe Guillermo Salazar Prieto Abbie Elizabeth Swoboda Leslie Elizabeth Urff

Manufacturing

Mark Edwin Evans

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

Master of Science

Biomedical Engineering

Michael Eric Bregenzer Claire Elizabeth Tomaszewski

Computer Science and Engineering

Matthew Bernhard Youxuan Jiang Lanlan Liu Allison Yvonne McDonald Jian Wang Kaiyu Yang

Design Science

Shannon Bonk Geor Ge Chang Eun Young Chun Maya Combs-Hurtado Simonne Dubois Sally Lin

Electrical and Computer Engineering

Laura Bridget Andre Caleb Coburn Tanner Jeffrey Douglas Audrey Rose Maria Gutierrez

COLLEGE OF ENGINEERING

Master of Science

Electrical and Computer Engineering

Sen-Ching Hsiao Matthew Charles Irish Zumrad Kabilova Tianming Li Brian Ozbay Raeker Mohammadreza Sanamzadehkarimabad

Macromolecular Science and Engineering Laura Elisabeth Saunders Naval Architecture and Marine Engineering Hung-Chun Lin Tristan James Patrick Wright

Master of Science in Engineering

Aerospace Engineering Lawren Lenore Gamble

Biomedical Engineering Robert Dwight Graham

Philip Lee Robin Anthony Pearce

Chemical Engineering

Sarah Marina Carl Alec Ajay Desai Scott Louis Andrew Johnson **Construction Engineering and Management** Esteban Jose Infante Merheg

Environmental Engineering Andrea Rose McFarland

Industrial and Operations Engineering Daniel Kenneth Lawlor Pippen

Materials Science and Engineering Kathleen Chou Jacob Ryan Garves Mingjie Xu

Mechanical Engineering Griffin Scott Cearley

Valerie Li-Chi Chen Benjamin Daniel Golder Ilya Kovalenko Hanqing Liu Audrey Ann Sedal Gabrielle Zacks

A. ALFRED TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING

Founded in 1913, Jonathan Massey, Dean

Bachelor of Science in Architecture

Vanessa Alvarez Christopher R. Banks Zachary Effa James Hartman Hanna Elizabeth Jeffers Oran Revivo John Fowler Spellman

Master of Architecture

Daniel BarriosAmy Lee KurtyczAimee Christina WolfAshish BhandariMieko Alexandra PrestonGenevieve Joan DomanSeyed Alireza Seyedahmadian

Master of Urban Design

Kunheng	Han	
Samuel Ja	ames	Kirchner

Kelsey Lauren Ryan Junxi Wu Jiushuai Zhang

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 Urban Planning

Urban and Regional Planning Rebecca Labov Rachel C. Leonard Jennan Qato Michelle Bennett Rubin

SCHOOL OF EDUCATION

Founded in 1921, Elizabeth Birr Moje, Dean

Bachelor of Arts Education

Anastasia Stacey Georginis Abigail Marie Hultgren Samantha Barbara Kadian Hank Donald Martin Evan McKae O'Leary McKenzie Lee Ogden Brenna Elizabeth Potter Laura Ann Rall

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

Master of Arts

Educational Studies

Subeeta Abdul Majeed Chioma Madonna Amaechi Mark Edward Anderson Melissa Margarita Aponte Marian G. R. S. Awad Kelly Elizabeth Bindon Tara Bowen Kelsey Meredith Brown Brandon William Burch Linda Stephanie Castillo Caleb R. Coon Kimberly Carol Coughlan Lorryn Thanh Cruz Monica Dalmia Alexandra Margaret De Loof Erica Decker Claire Federhofer Cynthia A. Gabriel Nicholas Peter Gavin Melissa Rae Gressman Umut Gürsel Erica Elizabeth Halsey Sarah Hassle Kaitlyn Marie Hoffman Mayssam Hussein Khorbatly Marica Zamarron Jurkovic Devin Alan Kelsev

Muhammad Qasim Shamim Ali Khan Carolvn L. Kodis Theodore Kuchar Rebecca Labov Leila Camile Lester Alicia A. Lovejoy Molly Paisley McClean Cate McCraw Rvan Meier Michael Paul Moody Dexter Alonzo Moore, Jr. Bushra Murad Frances McNamara Nemeroff James Daniel Newark Ross Andrew Newman Olubusayo Oyeyemi Olojo-Adeoye Eve Palinski Danielle Nicole Peyerk Lauren Rose Plotzke Charles Alexander Posigian Yue Oiao Denise Ann Roark Nicholas Steven-Nguyen Robbins Hanna Elizabeth Robey Matthew Patrick Salgat Jessica Ashlev Scott Minami Seki Ryan Jon Silvester

Brandon C. Smith Alexander James Snow Ashley Stanley Elizabeth S. Starke Courtney Viola Stewart Jeremy P. Stotz Hanna Hall Sturgis Kathleen Rochelle Thompson Xin Tong Katie Lynne Torkelson-Regan John Tsirigotis Koumei Christensen Tsunoda Sierah Tyson Jacob David Van Oosterhout Alexandra Lauran Wagner Emma Lane Waldie Conall Edward Walsh Shuxian Wang Emily Nettie Angel Wark Kathryn Elizabeth Whited Melanie Maria Wiggins Jalen Hunton Williams Sheridin Wright Liangke Yang

Higher Education

Carolina Dominguez-Burciaga Reuben Kapp

STEPHEN M. ROSS SCHOOL OF BUSINESS

Founded in 1924, Scott DeRue, Edward J. Frey Dean of Business

Bachelor of Business Administration

Samir Baz Jeremy Gelb Brian Lee Andrew Murtland Thao My Tran Lukas Takeo Trierweiler Peggy Yu

Master of Business Administration

Jaewon Ahn Varisa Anuntarumporn Hirohisa Arakawa Manit Bhandari Craig Buschmann Konstantinos Charizanis Nicholas John Ellies Yuichi Fujikawa Evan Nicholas Garber Jae Ho Ha Cheng-Chun Hsu Ye Hu Shotaro Ichioka Yurika Ishikawa Patsanan Jarukornsakul Hyung Gon Joo

Hvuck Jung Karl Kappler Kosuke Kikuchi Seung Hon Kim Jungsun Kim Toshiya Kumazawa Melody Li Naween Limsakul Nicholas Benjamin Martens Robert Michael McAndrew Takao Nakamura Nuttavuth Nundhapana Masamitsu Obayasĥi Nattha Pattanasakpinyo Michael M. Pavlovich Pakpoom Phungchittisarn

Pajaree Prasitsak Kasem Pruksananonda Christine Lynn Rickard Jay Anil Sanghavi James S. Saris Stephen Michael Smith Noriyuki Suzuki Tomohiro Suzuki Nobukazu Takahashi Kavita Tangkeow Patnaree Tanyaset Aishwarya Varma Po-Kai Ŵen Adam Wilson Moriatsu Yamada Fang Zhou

Master of Management

Bianca Brueckner Botao Cai Zilu Wang Charles Yang

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

Master of Arts

Business Administration Eric James Wilson

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

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

Bachelor of Arts

Nathan Peter Hoshal Gavin McGregor Sherelle Arnelle Streeter Elizabeth Marie Swift

Bachelor of Science

Lauren Louise Hoff Eliza Cate Lugten Cailin Margaret McLean Morgan Alexandria Mullins Aliya Debra Lan Spotts Ethan Scott Thompson

SCHOOL FOR ENVIRONMENT AND SUSTAINABILITY

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

Master of Landscape Architecture

Landscape Architecture Rachel C. Leonard

Master of Science

Natural Resources and

Environment Peter Alsip Erin Michaela Barton Cailin Anne Buchanan Qihong Dai Katherine Elizabeth Grantham Ho Hsieh Andrew Kinzer Miles K. Luo Christine Lynn Rickard Charlotte B. Weinstein Zijun Yang Cindy Yao Tianyu Ying Yilun Zhao

SCHOOL OF MUSIC, THEATRE & DANCE

Founded in 1940, David A. Gier, Dean

Bachelor of Fine Arts

Dance Meredith Kate Ziegelmeyer **Interarts** Anna Dylan Brooks Anina Dassa **Theatre Performance: Acting** Samuel Bell-Gurwitz

Bachelor of Music

Composition Connor J. Reinman Charles Andrew Yokom

Music Education: Instrumental Elliot Polot

Master of Music

Music Education Danielle Carrier Bridget Duffy-Ulrich

Specialist of Music

Performance: Cello Wesley Anne Hornpetrie **Music Theory** Connor J. Reinman

Performance: Euphonium Elliot Polot

Performance: Trumpet John Philip Wogaman II

Emily Alyn Hage Chelsea Cherie Hill Edward David McDonald **Performance: Violin** Carmen Gagliardi Flesher

Performance: Voice Andrew Burgmayer

Eric Allen O'Brien Erika Nicole St. Denis

SCHOOL OF MUSIC, THEATRE & DANCE

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

Master of Fine Arts

Dance Al Sanchez Evangelista Sydney Rebecca Casser Schiff Fabiola Ochoa Torralba

SCHOOL OF PUBLIC HEALTH

Founded in 1941, F. DuBois Bowman, Dean

Graduate Certificate

Global Health Whitney Howell **Injury Science** Andrew Patrick Lapointe

Health Care Infection Prevention and Control Liam John Hicks **Public Health Genetics** Liam John Hicks **Risk Science and Human Health** Alison A. Webster Bowman Bradley Edward Petrowitz

Master of Public Health

Epidemiology Noah Emanuel Newman

Global Health Epidemiology Cassandre Man-Bourdon **Health Behavior and Health Education** Whitney Howell Health Management and Policy Eunice Zhang

Master of Health Services Administration

Health Management and Policy Sarah Beatty

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

Master of Science

Biostatistics Yoona Chee

Clinical Research Alexis Gabriella Antunez Mariam Kamel Ayyash Abdelwahab Jalal Eldin Joseph Raynor Linzey Raymond John Strobel Alexander Robert Zheutlin **Epidemiology** Courtney Luterbach

SCHOOL OF SOCIAL WORK

Founded in 1951, Lynn Videka, Dean

Master of Social Work

Lila Adoure Havley Christine Arrol Samantha Juliet Bell Marie Anne Benner Kathryn Paige Bennett Saskia Berrios-Thomas Emily Colleen Betkey Adrienne Victoria Bordo Kelsie Irene Bowman Cassandra Boyd **Rachel Briegel** Kevin Brown Andrea Buckley Emma Elizabeth Buist Emily Ann Carlin Laurel Sydney Cerier Rebecca Linda Chavez Kelsey Marie Corr Sadie Elaine Crunk Rebecca Ann Currie Lindsey Nicole Daoust Eriana Sondra DeKalita-Mull Kortnee Lynne Dill Ashlea Elizabeth Dull Julia Helen Dunn Kayla Marie Durocher Raquel Julissa Estrella Brooke Nella Evans Abby Fedewa Kayla Michele Gates Denis Joseph Gaty Kelsey Lynn Gatza Gabby Gesulgon Najah Hamka Lauren Ann Hartman Morgan Taylor Hull Olivia Rose Irwin

Katlin Morgan Johnson **Bailev Nicole Kalfs** Colleen Anna Karim Erin Keller Holly May Kilbourn Isabel Christine Knuth Nicole Lyn Koetje Ashley Marie Krause Ryan William Kunz Madel Leal Bethany Riane Lewis Shelby Lynn Lonnerstater Ashley Nicole Lowry Tashi-Kali Makeda M-Acket Mva Marie Mallad Sarah Emily Marinetti Shaylin Alissa McCann Jordyn Taylor McCarthy Brittany McIlreavy Casey Rose McMillan Taylor Elizabeth Dent Margaret Rose Mosey Amy Nicole Nickerson Kara Marie Nicolosi Krista Mikaela Norred Susanna Cathryn Oakley Gregory Douglas Osberg, Jr. Isabelle Rose Pacitto Joshua Paul Panter Mackaully Lucia Parada Kyrie Philbrook Rachel Lynn Piper Anne Elizabeth Preston Margaret Anita Prigge Danielle R. Psaila Jordan Amanda Ouinn **Emily Frances Rau**

Jessica Lynn Reeves Mark Walter Reid. Jr. Chloe Henderson Roberts Kelly Beatrice Rocks Amanda Beth Rose-Horne Rachel Rowden Lorelev Salazar Kamai Sanders Samantha Marie Savage Samantha Anne Schab Laura Marie Schepis Bradley Schmidt Alexis Ann Smith Alyssa M. Smith Carlie Lynn Snoap Rachael Hope Snyder Derek William Stache Rebecca Steigerwalt Charles Jason Stewart Kate Helen Stros Kelsey Roberta Thompson Olivia Taylor Tolonen Jasmyn Tooles Brenda Torres Amber Marie Trombley Madeline Grace Viergutz Ebony Medina Watson Katrine W. Weismantle Sarah Katherine Weissman Lawrielle Simone West William K. Wiles, Jr. Aleya Marie Williams Deja Nichole Williams Heather Wise Brooke A. Wolters Ashley Marie Zuverink

UNIVERSITY OF MICHIGAN-FLINT

Founded in 1956, Susan E. Borrego, Chancellor

COLLEGE OF ARTS AND SCIENCES

Bachelor of Applied Science

Brittany M. Grass Tony P. Howell Dana E. Johnson Mike J. Poll II Rima N. Sabbagh Monsenaray Sheppard

UNIVERSITY OF MICHIGAN-FLINT

Bachelor of Arts

Hatim S. Alrashed Marissa L. Anderson Emily K. Birchmeier Jerry R. Bradshaw III Brandon E. Brown Taylor K. Finkbeiner Fatima Hafez Amr A. Hamdi Katelyn R. Hawhee Cassie K. Kamradt Alhana H. Khobeir Ali Y. Krairy Amanda R. Larner Tyler S. Meganck Lauren D. Mixon Kate M. Murdoch Samuel D. Nobles James A. Odor Stephen D. Orr Daisha E. Ramsey Andrew C. Scott Dennis J. Scott, Jr. Eljesa Vitija Annabelle R. Ward Amber L. Wasylyshyn Chad E. Young Andrew T. Zimmerman

Bachelor of Fine Arts

Timothy F. Brandt	Christian B. Howard	Lucas M. Moquin
Charles H. Brown, Jr.	Jason M. McCormick	AJ J. Welty

Bachelor of Interdisciplinary Study

Jasmine N. Scott

Bachelor of Music Education

Heather E. Smith

Bachelor of Science

Mohammed K. Alhuwaymil Hamzah Almehdhar Shifaa F. Alsadah Benjamin L. Bauer David S. Blight Elizabeth A. Borin Joseph M. Doherty Taylor T. Fagan Jacob D. Gangl Brittney N. Guidebeck

Master of Arts

Applied Communication

Hassan B. Azar Jami M. Blaauw Hara Tracy L. Gleeson Joshua M. Langlois Reda Nafso

Master of Science

Biology Steffanie K. Anderson Brittany N. Douglas Benjamin J. Heilner Madeline M. Hundley Ashley N. Hunt Megan M. Kalandyk Jason D. Keel Alhana H. Khobeir Rachel A. Lawrence Azaria R. Lively-Doll Rashonda Y. Magee Monica R. Malloy

Khalilah A. Rashada Stewart S. Reed III Karen J. Riptoe Kelia Tyson Monica S. Wielichowski Eric K. Yingst, Jr.

Computer Science and Information Systems

Saarika Akula Siv Kumar Jarred Bedoya Derek J. Mesecar Mohamed O. Mukhtar Marc D. Payne Kaitlyn L. Petrone Cole J. Rauh London C. Townsend Cydnee J. Weirauch Bubba M. Wheeler Justin K. Wisby

Social Science Jon R. Ellyson Patrick L. McCarty

Bryan A. Fauble Matthew E. Gross Lucas A. Holt

UNIVERSITY OF MICHIGAN-FLINT

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

Master of Arts

Arts Administration Kerry L. Bellinger Liberal Studies Joshua Wentz

Master of Liberal Studies

Norma J. Wells

Master of Public Administration

Mohammed E. Aboutawila Daniel Amore Kory C. Cox Ryan C. Eugster Bridgett J. Fenner Jessica A. Fischer Mekelle Y. James Rick J. Jones Milissa M. Kenworthy Gregory A. Lipinski Krystal L. Miller Shayne A. Mishler Margaret S. Mitchell Doron C. Pratt Allison L. Reynolds Lauryn B. Springsteen Krystal A. Watrous

SCHOOL OF EDUCATION AND HUMAN SERVICES

Bachelor of Social Work

Misty M. Bowers Toni A. Cobbin Jessica R. McLone Tara M. Stimson Brya D. Stinson Cadaccee Sullivan

Master of Arts

Early Childhood Education April J. Barr

Education Teaching Certificate Program Cheryl A. Churchill Alexander R. Giddings Cadaccee Sullivan

Educational Technology Angie D. Jewell Andrew G. Lobb John T. McMahon, Jr. Sarah A. Rogers Ashley M. Wilson

Literacy Education Amy L. Anderson-Lyons Carl J. Velliquette Deborah D. Williams

Katie Bailey Elizabeth H. Molnar Syreeda D. Nix Ashley M. Wilson

Special Education Brent E. Boggs

SCHOOL OF HEALTH PROFESSIONS AND STUDIES

Bachelor of Science

Noor I. Abdulhay Ciara N. Brank Ally L. Brewer Bonnie N. Candea Christopher J. Dubie Sarah D. Farrar Tyler M. Gregoricka Tiffany A. Haines Allison J. Haw Rana A. Irsheid Morgan A. Kelly Madison D. Liley

UNIVERSITY OF MICHIGAN-FLINT

Bachelor of Science

Megan M. Luebke Jonathon Mateen II Lindsay L. Miller Alexandria L. Perrie Samantha L. Quinlan Nicholas P. Ranville Jordan N. Roush Melisa A. Shafer

Dionne A. Moore-Smith

Stacy M. Riley Moussa Salama

Rebecca L. Stewart Steve H. Tran Eljesa Vitija Kellie L. Ybarra

Toni N. Takacs

Master of Public Health

Master of Science

Anesthesia

Dana M. Banks

Antione M. Martin

Lisa A. Bauer

Christopher Angell Tony J. Antonino Timothy Brunelle Luke Bueche Nicole Dub Jason D. Flowers

Doctor of Anesthesia Practice

Nancy L. Lucas

Ryan L. Frye Stephanie D. Gage William C. Goode IV Greg Johnson Philip M. Kodsy Kendall D. Murphy Jennifer L. Pierick

David M. Smyth

Amy S. Torbenson

Andre G. Pulford

Lesley L. Roumayah

Caitlyn S. Thompson

Jordan E. Van Overbeke

Cassie K. Schacher

Sarah A. Struthers

Doctor of Physical Therapy

Samuel Apple Elena R. Áthans Brooke A. Baker Daniel J. Bastin Melissa M. Bemis Laura K. Blemaster Joseph E. Booker II Jacob A. Brokenshaw Alexandra Calteaux Shelby J. Chambers Brittni N. Cruse Christin P. Curtis Taryn N. Edsall Joel M. Ford Matthew D. Fox Ruoxi Fu Roman M. Glazewski Monica R. Godoshian Michael A. Golowic Kayla M. Hahn Alex M. Heffner Rebecca L. Hersh Madalina I. Hill Alexander M. Holdren Adam M. Kingsbury Khoa M. Lam Marcus B. Lewis Meghan M. Lucero Zachary J. McConnell Seth J. Meyer Samantha G. Miller Darvl Moore Eric D. Mowery Erica L. Naughton Eliana H. Neuman Rina B. Pandya

Hiteksha P. Patel Emily J. Rousch Benjamin J. Sachs Brett T. Salvatore Molly M. Schab Alex Schraer David J. Schwarz Michael E. Sparkman Abbey R. Stuhldreher Rebecca L. Thomas Holly N. Tipp Clayton B. Tomczyk Katie Tschirhart Alexander L. VanSlyke Priyanka G. Villanassery Will Wakefield Joshua D. Wenzlaff Marie K. Whitt

SCHOOL OF MANAGEMENT

Bachelor of Business Administration

Talal A. Alotaibi Mortda A. Alubidan Stacey Babut Ashley R. Born Mariah L. Dominguez Paige N. Elinski Kyle T. Guerrero Kyle A. Hedges Jacob C. Hewitt Alex H. McCliment

Madison E. McCrum Joshua D. McIntosh Promice R. Mosley Justin R. Noye Tony R. Palacios Justin J. Ricker Meagan A. Rinck Katlyn D. Roe Kari J. Romanowski Lauren J. Rowley

Rupesh V. Mahajan

Jonathan B. Morley

Stephanie R. Ross

Brandon P. Sherman

Kellen J. Riker

Evan J. Skarbek

Marilyn J. Montgomery

- **Master of Business Administration**
- Brock Atamer Amanda G. Bronson Christin P. Curtis Moeen Farooqi Kelly K. Forster Michael S. Lonsberry Nancy L. Lucas

Master of Science in Accounting

Adam Breecher Daniel Crane Brooke A. Klinkenberger Ming Liu Dontez D. Scott Zhuohang Shi MarLou L. Smith Trenton D. Spilker Adam R. Stites Lindsay B. Townsel Richard J. Walker II Charles R. Wetherford Kelli M. Willis Cody C. Yearn

Ilona E. Takakura Purnima Thapa Jashim Uddin Jessica L. Winowski Evan Xiao

Terrence A. White

SCHOOL OF NURSING

Bachelor of Science in Nursing

Megan M. Ballard William J. Behe Melissa M. Black Steven A. Bliss Alyssa H. Bowen Katrina Mae M. Cabreros-Abuel Kathleen M. Celice Andrea M. Corrie Vlatka Covic Andrea J. Covrea AJC Melissa M. Cummer Ashley N. Currie Heather S. Denski Jennifer B. Effrick Hozefa M. Ezzi Chelsea L. Feldpausch Leslie E. Gallimore Oana M. Jecu Felicia M. Johnson Kristine M. Lawler Andrea K. Lewis Theresa M. Luczak Vanessa L. Maxfield Kristina M. McCahill Steffanie J. Meyer Libby Monzo Bernice J. Morrison Matthew J. Oloff Emily E. Pawlowski Theresa J. Porter Jessica R. Regan Patrick C. Rowan Steven E. Sadowski Carol L. Sass Brenda S. Simmer Lynzi M. Slusser Kelly R. Stewart Trevor M. Storms Laura M. Stuart Holly L. Tews Paige C. Vallier Wendy S. Ward

Graduate Certificate

Beth E. Davis

Joy Glaser

Althea N. Kimbrough

Master of Science in Nursing

Georgette M. Aneed Kristin M. Asmus Amanda M. Backinger Laura A. Bottomley Brown Cathy Christine C. Bozek Sarah A. Cardenas Delia M. Chirila Marci K. Coates Hilary Cooper Jessica B. Cooper Tabatha J. Cronander Brook L. Dake Brianne Daniel Lauren M. Dunn Christine M. Gabriel Colleen M. Gabriel Stephanie Gialdi

Marissa R. Harrah Courtney Jesnig Sandi L. Jones Amber G. Juhl Tarrah M. Kaplan Kim D. Kemp Jordan E. Knot Rose Kodsy Maria L. Kurlenda Linda R. Lackowski Shanna M. MacClaren Ayesha Massey Brian M. McDermott Tatiana M. Michura Sheri N. Mitchell Andy Molnar Jessica J. Nolan

Whitney A. Pahl Avani A. Patel Courtney R. Peper Alexandra S. Rene Amber A. Ristow Kathleen Ruffolo Nick A. Shelley Nicole N. Silvestri Dustann Spalding Lavinia S. Streza Bernice A. Theule Kim J. Truckner Shirley M. Vicente-Castro Michelle B. Villareal Brittany A. Wadaga Ashley J. White Tamara D. Yoas

Doctor of Nursing Practice

Lisa A. Brannack

Kelly K. Forster

Autumn R. Smith

UNIVERSITY OF MICHIGAN-DEARBORN

Founded in 1958, Domenico Grasso, Chancellor

COLLEGE OF ARTS, SCIENCES, AND LETTERS

Bachelor of Arts

Samyka Marie Aloyo Jasmine Brianna Anderson Leila Elise Awad Amy Katherine Bakerjian Evan Campos Behrendt Amina Berry Aya T. Beydoun Abigail Marie Bigenho Alison Paige Boike Michelle Elizabeth Bonnici Brittany Nicole Borg Fatima I. Boussi Terrlyn Deree Burnett Marisa Ann Burrell-Pryor Keon Lee Collier Kaitlyn Cramton Macy Carol Deuchler Jennifer Paola Guzman Fatme Ali Hadla Anjenetta A. Hicks Anisa Ismailaj Nadine Jones Tv'Ree Monet Jones Adham Kassem Hailey Ann Lawson Brandon LaShawn Lee Catherine L. Lencione Lindsie Lee Liles Stephen Thomas Martin James Martines Jr. Kalala Mbive

Amanda Marie Mosakowski Anthony Brian Mottley Abdallah M. Moughni Rachael Noe Maryam Nour Hedy Renee Orsette Lekeisha L. Osler Ian Thomas Perrin Emily Podwoiski Mikayla Angelique Polly Julene Justine Pummill Nicholas C. Roberts Rogelio Rodriguez Hannah R. Ryniak Shereen Hassan Saad Shereen T. Sabbagh

Bachelor of Arts

Alexandria Rochelle Schaller Ami Mukesh Shukla Justin Michael Stidham Sean R. Strnad

Bachelor of Science

Tahira Abbas Nader Berry Carly M. Boye Ahmad Wafic Chamoun Kelsey Marie Mashike Senan Sumrein Brittany Elizabeth Taylor Amanda Lynn Tome Taylor Regine Walton

Lisa Ann McLellan

Andrew Nicolas

Uzair Zafar Virk

Jacee Simone Moore

Katera Anna Rincon

Eric Kyle Watson Kristofer J. Wilson Keith Yackley

Anna Cecilia Imbuzeiro Wahl Nicholas Alexander Wesner Ryan Yazback

Master of Public Policy

Molly R. Manley

Master of Science

Psychology Samah Abdul Altairi Ankush Suresh Bhandarkar Meaghan K. Doran Amanda Kay Espinoza Katherine Lee Jester Brett Michael Karpack Chazlyn A. Miller Rula Ramzi Mohammad Holly J. Tacey Jakob Daniel Williams

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

Master of Science

Environmental Science Donald Mickey Patterson Andrew Thomas Pola

COLLEGE OF BUSINESS

Bachelor of Business Administration

Tanvir Ahmed Al Anood Abdullah Jabir Al Junaibi Zainab Abdulhakeem Al Zadjali Basel Said Hamed Al-Gheilani Ghofran A. Alzurufi Hassan Anwar Baydoun Fatima Ali Bazzi Joshua Jeremy Bez Natalie Boleski Lesya Bonev Dylan Lee Brewer James M. Bushaw Manroop Chattha Ashley S. Douglas Waleed Elayan Sarah Andrea Engler Judan Mae Flanagan Lisa Renee Gilmore Gabrielle McKenzie Gray Alexis Fariza Guerra Randy Xuan Ho Catherine Anne House Majedul Islam Hadil M. Ismail Samii H. Ismail Ali J. Jouni Minhaz Kadir Angela Rose Karkoski Rajpreet Kaur Krisztina Kovacs Claire Suzanne LaPointe Tao Li Sohuye Ly Marilyn Alexandrea Manchell Matthew Joseph McCourt Marissa Melane Miller Galen Elizabeth Mueller Jamal N. Nasser Kyle Alan Niffin Alexander M. O'Connor Moinuddin Patel Michelle Elisse Patrias

Bachelor of Business Administration

- Kristjana Pecaj Malik Andre Polly Courtnie A. Ralls Erica Michele Rollins Rebecca M. Rowe Hussein Bahjat Saad Christina Rose Saunders Angela M. Schmidt Kevin Steven Schumacher
- DaShan Lynette Shamoon Eric David Silos Sawyer B. Spryszak David A. Syrocki Kaitlyn Ann Szaflarski Elizabeth Joyce Thomas Nicholas A. Thornton Sara Lynn Tolstyka Brian David Traicoff

Jonathan M. Heger

Greg James Kozmor

Cory Robert Newsom

Sean D. Mather

John Alexander Kennedy

Christopher Addison Laux

Bryce Joshua Tubbs Chadi Wahid Amy Elizabeth Wilson Zachary Alexander Woolcott Mason G. Wypych Nadine Arkan Yassin Duyang Yu

Master of Business Administration

Christopher Michael Baccari Carlin C. Delisi Abigail Lorraine Dodson William Christopher George Jacob Peter Gilbert Raumsin Atour Golani

Master of Science

Khansaa Al-Gassid Umachander Balakumar Georgette R. Doro Ruba Farah Kathryn A. Hohmann Fatima R. Idrees Yungseob Kim Pauljin Kochupyloth Greg James Kozmor Abimanyu Kumar Po Chih Lai Jingying Li Nidhi Maley Satvika Nanduri Nitish Nijhawan Vikramvelupandian Palani Tiki Patra Suruchi Prasad Brittany Lynn Quint Dana Mary Orozco Julian Alexander Seecoomar Ashley Elizabeth Shilling Keith Frederick Walter

Sonia M. Shetty Deepanshee Singh Praniti Dinesh Singh Manasa Reddy Tekula Trevor Nathaniel Tobel Kristina Lynn Vujic Chad Brian Wachholz Xiaohan Wang Ping-Cheng Wu Jing Yun Yang

Master of Science in Accounting

Ali Adel Mohsen Ali	Holly Shi Jiang	Elizabeth Ann Monroe

Gyan Shanker

Master of Science in Finance

Makenzie Marie Backonen

John Alexander Kennedy

Dane Robert Nordeen

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

Bachelor of Arts

Waood S. Alasady Kathryn Patricia Chinavare Chelsea Rose Jensen Sean Michael Lafferty Jennifer Lynn Oaks Mariam Ismail Saab Waddah Qasem Saeed

Bachelor of General Studies

Muna H. Alabdulrasool Ines Ben Cheikh Kholood Ali Shohatee Molly Elizabeth Stevens

Bachelor of Science

Kasmere Aaliyah Cheek

Master of Arts

Early Childhood Education Katy Nicole Czarnecki Maureen Kelsey Ronayne Ryan Chantay Sterrett Strother Brittany Michelle Willig **Educational Technology** Kristen Nicole Duran Haley N. Pason Jeff Spisak

Master of Science

Health Information Technology

Summer Alyaishi Ravleen Kaur Khristine C. Rivera

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

Master of Arts

Education Paul John Altesleben II Samantha JoAnne Hankard Noor S. Hmeidan

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Bachelor of Science

Bioengineering Breana Renea Cappuccilli Daniel J. Lindow

Computer and Information Science

Petros H. Besieris Brian Michael Burditt Ramblin Paul Cherniak Anthony A. Chua Nitin Venkata Gutta Daniel R. Hamadeh Corey Zohl Knick Brandon Stephen Leon Jonnathen Elijah Micah Ravelo Rabih Y. Salamey

Software Engineering

Ibrahim Rashid Saleh Al Khayari Falah Omar Alsakkaf Joel Fernandes Michael Y. Gutterman Asseel Mohsin Hubaishi Rico Kahler Mohamad Kobeissi Andrew P. Mohn Matthew A. Pownall Afeefeh I. Seblini Spencer Christopher Vierk

Bachelor of Science in Engineering

Computer Engineering

Mohammad Kamel Ghali Lance Austin Gurka Keith Richard Stokely

Electrical Engineering Mohammed A. Abusabha Seba Alnajjar Kylee Lambert Bezeau Hing H. Chan Noah A. Fenton Abeer Suhail Ibseileh Mohamad Asaad Makki Wajieh Salman Farah M. Zaid Alkilanie

Engineering Mathematics Shad Jawadi

Mechanical Engineering Breana Renea Cappuccilli James Michael Creech M. Shariff Diab Basil Mohsen Eldaly Yvonne M. Galdes Shad Jawadi Ayman Joudi Kristopher Kapcia Daniel J. Lindow Elham H. Sader Eric S. Teale

Doctor of Philosophy

Automotive SystemCEngineeringSRamakrisanan RajavenkitasubramonyJo

Computer and Information Science John Phillip Baugh

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

Master of Science

Computer and Information Science

Vikas Rajendra

Engineering Management

Ashley Nichele Heath Brianna Jackson Fatima Kebe Kyle Scott Layton Benjamin Salazar Trenton Michael Stephens

Information Systems and Technology

Bryan Joseph Boyce Frank Harvest Jeffrey P. Herman David P. Liggins William J. Townes

Program and Project Management

Ibrahim Jamal Beydoun Thomas J. Browning Kevin M. Conroy

Software Engineering

Ansaar Beg Sharanpreet Kaur Jandir Bhaskar Konisetty

Master of Science in Engineering

Automotive Systems Engineering

Krishnapriya Atluri Pranove Bandi Aniket Chandrashekhar Jadhav Leonardo Antonio Minier Abhishek Mosalikanti Stuti Sinha Pragadeesh Subramaniam Venkatesh Mohan Prasad Sudarsan

Computer Engineering Bhagyashri S. Katti

bhagyashiri 5. Katu

Electrical Engineering Mahmoud Abdallah

Bhavani Anantapur Bache Samir W. Assofe Mostapha Hassan Baydoun Kerri Capri Chambers Hannah Eileen Denomme Eric Jesus Fernandez Jordan T. Firnbach Yuxin Jiang Davud Nuri Kucukarslan Mohit Mamgain Tarek F. Obeid Zhengshen Shu Vernon R. Stempnik Maksim Sukhorukov Deane M. Zimmerman

Energy Systems Engineering

Aigbe Emmanuel Awenlimobor

Industrial and Systems Engineering

Abigail Lorraine Dodson Mohamad Rafik Ezzeddine Cassie Rae Furey Ernesto Garcia de Leon Velazquez Vardhan Rajendra Ijare Yourui Tong

Manufacturing System Engineering

Neeraj Sanjay Karmarkar Hayssam Ali Sabra

Master of Science in Engineering

Mechanical Engineering Garrett Arthur Carlson Seth Aaron Finkelstein Bret Wayne Harris Eric Thomas Laplante Trevor Charles Pickrell Anuj Rathi Luis J. Sanchez Sujeet Shyamsunder Shinde Joshua Joseph Talaga Yufeng Tian Rebekah Elisabeth Turpel Oliver Jordan Zemanek

SCHOOL OF INFORMATION

Founded in 1969, Thomas A. Finholt, Dean

Graduate Certificate in Health Informatics

Jia Liu

Bachelor of Science in Information

Thomas C. Pickren

Master of Health Informatics

Euijin Jung

Nalingna Yuan

Master of Science in Information

Bess Anderson Seungjoo Baek Randall McCombs Megan Milewski Matt Ritter Asha Shenoy Kudupi Raymond Su

PENNY W. STAMPS SCHOOL OF ART & DESIGN

Founded in 1974, Gunalan Nadarajan, Dean

Bachelor of Arts in Art & Design

Laurel Dawn Aaronson Marissa Nichol Andreou Maya Deshmukh Dara Denise Firoozi Madeleine McLean Fougere Cecilia Annabella Gorgon Madeline Grace Helland Jennifer Huang David J. Kim Moona Lee Natalie Sarah Robbins Cecelia Rose Vandenbussche Daniel Adam Vincenz

Bachelor of Fine Arts

Ellen Rose White

Bachelor of Fine Arts in Art & Design

Elizabeth Ploch Annie Turpin Emma Laurent Schau Ki Young You

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

Master of Fine Arts

Art Stephanie Vania Brown Robert Joseph Fitzgerald

SCHOOL OF KINESIOLOGY

Founded in 1984, Lori Ploutz-Snyder, Dean

Bachelor of Arts

Sport Management Peter Alexander Cladouhos Dianté Harris

Bachelor of Science

Movement Science Bergen Bauer

Mattea Marie Krasicky Sandyvel Lopez Zeledon Andrew Anselm Nyquist Emily Rose Osterman Samantha Nicole Swenson William Baron Thompson Kristin VanProoyen

Health and Fitness Taylor Diane Dewitt

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

Master of Science

Movement Science Tessa Mara Groll Carlie Rebekah Jones-Hershinow

GERALD R. FORD SCHOOL OF PUBLIC POLICY

Founded in 1995, Michael S. Barr, Joan and Sanford Weill Dean of Public Policy

Bachelor of Arts in Public Policy

Rowan Elizabeth Conybeare Stephen Isaiah Wallace

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

Certificate of Graduate Studies

Science, Technology, and Public Policy Jared Owens Ferguson

Tiffany Kristin Jantz Molly Alexandra Kleinman

Master of Public Administration

Sruthi Gaddipati Yeon Ju Shin

Master of Public Policy

Shawn Danino Michelle Bennett Rubin



Dear Graduate:

On behalf of the Alumni Association of the University of Michigan, congratulations on your momentous achievement.

You may be leaving the University of Michigan, but the ties that bind alumni—across the miles and the years—are strong and enduring. Whether you are on the other side of the country or the other side of the world, you are part of something greater than yourself. You are now part of a community of more than 585,000+ Michigan alumni in 180 countries across the globe.

The Alumni Association is your connection to U-M. As a graduation gift, you will receive a **complimentary one-year membership** to help you maintain the bonds you've created over the course of your time on campus. Use it to remind yourself of the place that you hail from, the place that has shaped you into the person you are today. Visit umalumni.com to keep the spirit of U-M close and connect to the powerful global network of U-M alumni.

So as you toss your mortarboard to the sky and venture out into the world, celebrate all that you have achieved, and remember that, with us, you are never far from the University of Michigan.

Again, our congratulations and very best wishes for your future.

Sincerely,

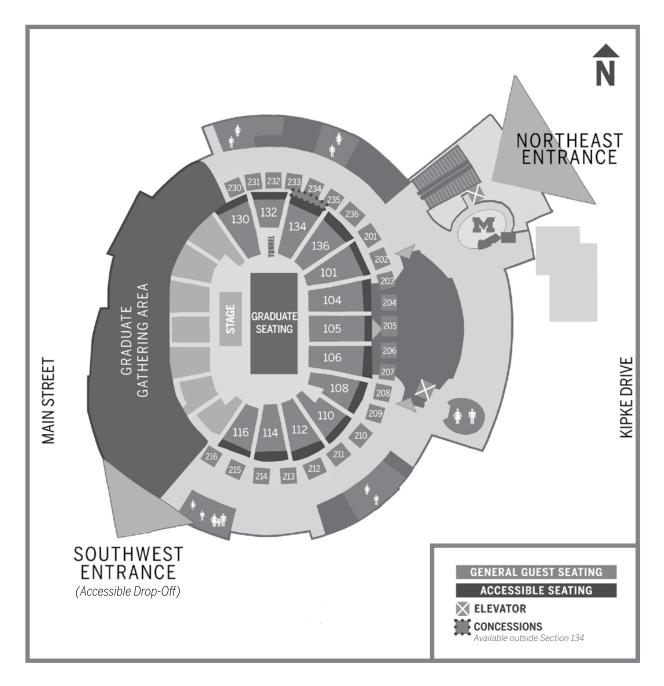
GRan 1

Ellen Agress, '68 Chair of the Board of Directors Alumni Association of the University of Michigan

Steve Grafton

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

CRISLER CENTER



Statement on Freedom of Speech and Artistic Expression

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

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

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

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

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

Nondiscrimination Policy Statement

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Learn more about this ceremony on our website: commencement.umich.edu

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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!