INDIANA UNIVERSITY BLOOMINGTON

ONE HUNDRED NINETY-FIFTH

COMMENCEMENT



FRIDAY, DECEMBER 20, 2024

THE STAR-SPANGLED BANNER

O! say, can you see by the dawn's early light,
What so proudly we hailed at the twilight's last gleaming,
Whose broad stripes and bright stars through the perilous fight,
O'er the ramparts we watched, were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air,
Gave proof through the night that our flag was still there;
O! say, does that Star-Spangled Banner yet wave,
O'er the land of the free, and the home of the brave?

HAIL TO OLD I.U.

Come and join in song together, Shout with might and main; Our beloved Alma Mater, Sound her praise again.

Chorus

Gloriana, Frangipana, E'er to her be true; She's the pride of Indiana, Hail to old I.U.!

-Joe T. Giles, Class of 1894

INDIANA, OUR INDIANA

Indiana, our Indiana,
Indiana, we're all for you.
We will fight for
The Cream and Crimson
For the glory of old IU.
Never daunted, we cannot falter.
In the battle, we're tried and true.
Indiana, our Indiana,
Indiana, we're all for you! I-U!

-Russell P. Harker

ONE HUNDRED NINETY-FIFTH COMMENCEMENT

Indiana University Bloomington

Dear Friends:

Welcome to Indiana University's 2024 Winter Commencement. This celebration of the tremendous success of our graduating students is one of the high points of the year.

Graduates, today we pause to honor your accomplishments. This is your shining moment.

You come from across the state of Indiana, throughout the nation, and around the world. You have become a part of a tradition of excellence at Indiana University that dates back more than two centuries. No matter what degree you have earned, you have drawn on your intelligence and tenacity to achieve mastery and prepare for the challenges of tomorrow. We honor your achievements today and recognize the challenges you have already faced, and overcome, as you have pursued your dreams.

To the family members and friends of the Class of 2024 who have joined us today, thank you for being here and for the love, encouragement, and faith you have given in support of today's graduates. I know how proud you must be, and all of us at IU share your pride. The strength of support like yours helps each of us achieve our highest aspirations and deserves our deepest gratitude. Today is as much a day to share that gratitude as to celebrate.

Graduates, you will always be a part of IU's rich and living history, and no matter where your lives and careers take you, you will be IU Hoosiers for life. We know that you will value your IU education, use it for worthy ends, and go on to accomplish many more great things. We will remember and celebrate you always, wishing you the greatest success in the future.

Your strength, commitment, and perseverance have awarded you this well-deserved achievement. Congratulations!

Most sincerely,

Pamela Whitten

tamela WhiNe -

President



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#iubgrad24

With honor to the First Nations people of Indiana, on whose ancestral homelands and resources Indiana University Bloomington was built.

Indiana University communications and marketing professionals will be gathering still images and video for use on university social media and websites, as well as for other marketing and news purposes. Your participation in this public ceremony grants Indiana University permission to use your likeness in such material.

DEGREE-GRANTING SCHOOLS AND ADMINISTRATION

College of Arts and Sciences, page 11

Rick Van Kooten, Executive Dean John Hanson, Executive Associate Dean

Elizabeth Cullen Dunn, Associate Dean for Graduate Education

Vivian Nun Halloran, Associate Dean for Diversity and Inclusion and Arts and Humanities

Richard Hardy, Associate Dean for Undergraduate Education

Caroline Jarrold, Associate Dean for Natural and Mathematical Sciences and Research

Rebecca Lave, Associate Dean for Social and Historical Sciences

Indiana University Eskenazi School of Art, Architecture + Design—College of Arts and Sciences, page 14

Peg Faimon, Founding Dean
Deb Christiansen, Executive Director
of Academics, Interim Associate
Dean

Indiana University Hamilton Lugar School of Global and International Studies—College of Arts and Sciences, page 14

John Ciorciari, *Dean*David Bosco, *Executive Associate Dean*

The Media School—College of Arts and Sciences, page 15

David Tolchinsky, Dean
Galen Clavio, Associate Dean
of Undergraduate Studies
Gerry Lanosga, Associate Dean
of Academic Affairs

Indiana University Kelley School of Business, page 16

Ash Soni, Dean

Patrick Hopkins, Vice Dean

Dan Li, Executive Associate Dean for Faculty and Academic Affairs

Josh Perry, Executive Associate Dean for Academic Programs

Sreeni Kamma, Associate Dean for Academics

Rebecca Slotegraaf, Associate Dean for Research

Robert E. Thomas, Associate Dean for Access, Empowerment, and Societal Impact

School of Education, page 19

Anastasia Morrone, Dean Sarah Lubienski, Executive Associate Dean

Indiana University Luddy School of Informatics, Computing, and Engineering, page 20

Joanna Millunchick, *Dean* Apu Kapadia, *Associate Dean* for Graduate Studies

Paul Macklin, Associate Dean for Undergraduate Education

Selma Sabanovic, Associate Dean for Faculty Affairs

XiaoFeng Wang, Associate Dean for Research

Indiana University Maurer School of Law, page 22

Christiana Ochoa, Dean

Luis Fuentes-Rohwer, Associate Dean for Research and Faculty Affairs

Anne Newton McFadden, Associate Dean, Student Services, Dean of Students

Steve Sanders, Associate Dean for Academic Affairs

Indiana University Jacobs School of Music, page 22

Abra K. Bush, David Henry Jacobs Bicentennial Dean

Brenda Brenner, Eugene O'Brien Bicentennial Executive Associate Interim Dean

Judah Cohen, Associate Dean for Faculty Affairs, Research, and Creative Activity

Ryan Kelly, Associate Dean for Academic Affairs and Student Success

School of Nursing, page 24

Janet Carpenter, Interim Dean Rebecca J. Bartlett Ellis, Executive Associate Dean, Academic Affairs Wendy Trueblood Miller, Executive Associate Dean for Research

Indiana University O'Neill School of Public and Environmental Affairs, page 24

Siân Mooney, Dean

Jeremy Carter, Executive Associate Dean

Todd V. Royer, Executive Associate

David Konisky, Associate Dean for Research

Jill Nicholson-Crotty, Associate Dean of Graduate Public Affairs and Policy Programs

Philip S. Stevens, Associate Dean for Faculty Affairs

R. J. Woodring, Associate Dean for Student Success and Administration

School of Public Health, page 26

David B. Allison, *Dean*NiCole Keith, *Executive Associate*Dean

Jerono Rotich, Associate Dean for Organizational Climate, Inclusion, and Belonging

Kelli Ryckman, Associate Dean for Research

School of Social Work, page 27 Kalea Benner, *Dean*

Indiana University Graduate School Bloomington, page 28

David Daleke, Dean

Indiana University

Pamela Whitten, President

Jay L. Hess, Executive Vice President for University Clinical Affairs

Latha Ramchand, Executive
Vice President and Inaugural
Indiana University Indianapolis
Chancellor

Rahul Shrivastav, Provost and Executive Vice President, Indiana University Bloomington

Hannah Buxbaum, Vice President for International Affairs

Scott Dolson, Vice President and Director of Intercollegiate Athletics

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Michael Huber, Vice President for University Relations

Ken Iwama, Vice President for Regional Campuses and Online Education

Rob Lowden, Vice President for Information Technology and Chief Information Officer

Thomas A. Morrison, Vice President for Capital Planning and Facilities

Russell J. Mumper, Vice President for Research

Rashad Nelms, Interim Vice President for Diversity, Equity, and Inclusion

Nancy E. Paton, Vice President and Chief Communications and Marketing Officer

Julie Payne-Kirchmeier, Vice President for Student Success

Anthony Prather, Vice President and General Counsel Brenda Stopher, Chief of Staff to the President and Vice President for Strategic Operations

Todd Richardson, Vice President and Chief Human Resources Officer

Indiana University Foundation

J Thomas Forbes, President and Chief Executive Officer

University Libraries

Diane Dallis-Comentale, Ruth Lilly Dean of University Libraries

Indiana University Bloomington

Rahul Shrivastav, Provost and Executive Vice President Brea Perry, Associate Vice President and Vice Provost for Research

David Daleke, Vice Provost for Graduate Education and Dean of the Indiana University Graduate School Bloomington

Carrie Docherty, Vice Provost for Faculty and Academic Affairs Aimee Heeter, Vice Provost for Finance and Administration Lamar Hylton, Vice Provost for Student Life

David Johnson, Vice Provost for Enrollment Management Rashad Nelms, Interim Vice Provost for Diversity and Inclusion Vasti Torres, Vice Provost

Vasti Torres, Vice Provost for Undergraduate Education

Hutton Honors College

Rebecca L. Spang, Interim Dean Clark Barwick, Assistant Dean for Curriculum and Teaching Lynn Cochran, Assistant Dean

Indiana University Bloomington Faculty Council

Danielle DeSawal, *President* Colin Johnson, *Past President*

Trustees of Indiana University

Quinn Buckner, *Bloomington, Chair* Cynthia Lucchese, *Indianapolis*, *Vice Chair* Jill Burnett, *Carmel*

Cathy Langham, CarmelJ. Timothy Morris, Nashville, Tennessee

Kyle Seibert, Connersville Donna B. Spears, Richmond Isaac Torres, Granger Vivian Winston, Bloomington

Guest Information

FIRST AID AND RESTROOMS

The IU Health Bloomington Hospital Emergency Department and Ambulance Service have personnel units located off the main lobby area to assist attendees. Emergency paramedic personnel will be able to provide immediate medical attention. If you require emergency medical assistance, please contact the nearest usher or police officer.

IU Auditorium has public men's and women's restrooms located on the Orchestra, Mezzanine, and Balcony Levels. A gender-neutral and family restroom is located on the north side of the house. All restrooms are ADA accessible. Please ask an usher if you need guidance to any of these locations.

LOST AND FOUND

Recovered items will be collected by event staff. To check for lost items, please ask an usher for directions to the lost and found areas located at the coat check in IU Auditorium. After Commencement, please call 812-855-9528 for help with lost or found items.

COMMENCEMENT TRADITIONS

The audience is requested to remain until the conclusion of the ceremony.

Today's 195th Commencement exercises at Indiana University Bloomington mark the joyous culmination and proud recognition of our graduates' academic achievements. The ceremony is rich in academic tradition and protocol.

THE STUDENT PROCESSION

The university grand marshal, attired in a black brocade gown with a gold sash and a black velvet cap, leads the procession into the hall. The students are next, marching in the respective schools that recommend them for their degrees.

Once the candidates have reached their seats, the members of the faculties of Indiana University Bloomington enter, wearing the colorful hoods of the colleges and universities from which they are graduates.

THE CEREMONY

The grand marshal, carrying Indiana University's ceremonial Mace, begins the platform party procession, and immediately following the grand marshal are the president, members of the Board of Trustees, the provost, the deans of the schools, university officers, and other participants.

The ceremony includes a Commencement address by the president, remarks by other speakers, and the conferral of degrees.

SYMBOLS

Traditional in all formal ceremonies of Indiana University are the Mace, symbol of authority, and the Jewel of Office, emblematic of the Office of the President.

The Mace, which is carried in by the grand marshal and is placed on the stage for the duration of the ceremony, is a symbol of authority. IU's Mace was presented by Phi Delta Theta in 1949 and is embossed with the seals of the university and the state of Indiana.

The president's Jewel of Office is also rich in meaning. Its design is inspired by the arbutus, the university flower. Three precious stones within the jewel represent reading, writing, and arithmetic, and another three, the arts, sciences, and humanities. The Jewel of Office was presented by Beta Theta Pi in 1945.

ACADEMIC ATTIRE

The origins of academic dress date back to the twelfth and thirteenth centuries, when universities were taking form. The ordinary dress of the scholar, whether student or teacher, was the dress of a cleric. Long gowns were worn and may have been necessary for warmth in unheated buildings.

The assignment of colors to signify certain faculties was a much later development, and one that was standardized in the United States in the late nineteenth century.

Gowns

All candidates for degrees and those who hold these degrees, including university officials and faculty and visiting dignitaries, wear traditional gowns. Most are black, but some are brightly colored. The style of the gown indicates the highest degree held by the wearer, and the colors represent institutions and fields of study.

The gowns for bachelor's degree and associate degree recipients have a closed front and open sleeves. At Indiana University, candidates for bachelor's and associate degrees also wear crimson "stoles of gratitude," which they may keep as a memento of the day or present as a token of thanks to anyone who has guided them on their path to graduation.

The master's degree gown has extremely long, closed sleeves, from which the arms extend through a slit at the wrist; the end of the sleeve is square, with an arc cut away just above the bottom. The doctor's gown has velvet panels down the front and voluminous bell-shaped sleeves on which there are three velvet bars.

Caps, Tassels, and Hoods

Candidates for associate, bachelor's, and master's degrees wear square-topped caps—also called mortarboards—which are adorned with colored tassels appropriate to the school or division from which they are graduating. The same colors are used throughout the United States. They are:

Arts and Sciences—White Business-Drab Education—Light Blue Informatics, Computing, and Engineering-Copper Law-Royal Purple Medicine-Kelly Green Music-Pink Nursing-Apricot Optometry-Aqua Public and Environmental Affairs-Peacock Blue Public Health—Salmon Social Work-Citron Graduate School-Royal Blue Doctoral candidates may wear either a mortarboard or a velvet tam. Doctoral tassels are gold.

Velvet-lined hoods are worn by master's and doctoral candidates. The master's hood extends to the middle of the back, is edged in velvet in the same color as the tassel, and is lined with colors representing the institution from which the degree was earned. Indiana University hoods are lined with cream and crimson.

The doctor's hood is longer, has wider velvet edging, and fully exposes the lining.

Honor Cords and Medallions

Graduating with Distinction, High Distinction, and Highest Distinction Indiana University holds all of its graduates in high esteem and takes an added measure of pride in those who have excelled academically.

Candidates who graduate with Distinction, High Distinction, and Highest Distinction are entitled to wear on their left shoulders the fourragère, cream and crimson cords. In addition, on some IU campuses, certain students are entitled to wear gold medallions indicating that they are graduating with honors. The recorders in each school distribute fourragères to qualified students before Commencement. The requirements for graduating with honors are different for each school.

IU Bloomington College, School, and Departmental Honor Cords
Some schools and departments offer honors programs for students who excel academically and seek an enriched and challenging learning environment. Graduates who fulfill the requirements of these programs receive a notation on their diplomas and are eligible to wear gold or blue honor cords, which are provided by the participating colleges, schools, and departments.

Insignia from Greek Honor Societies
A wide array of honors organizations recognize outstanding achievement in service, philanthropy, and scholarship. Indiana University is proud of all of its students who fulfill the requirements for membership in these important societies, but on Commencement day the university singles out those honor societies that emphasize academic achievement. Graduates who have been admitted to these societies may wear the appropriate cords at Commencement.

Honor Cords for Veterans and Service Members Graduating students who have served or are currently serving in the U.S. Armed Forces wear red, white, and blue cords.

MUSIC

Today's music is performed by musicians from the Indiana University Jacobs School of Music. The selections represent a range of genres, including traditional ceremonial pieces, such as several of the famous Pomp and Circumstance Marches by Sir Edward Elgar and Marching Song by Gustav Holst. In addition, the program consists of other familiar marches and fanfares, and two Indiana University traditions: Hail to Old I.U. and the IU fight song, Indiana, Our Indiana.

HERALD TRUMPETERS

Matthew Burn Josh Levy Sebastian Petzinger Stephen Stavnicky

STUDENT COMMENCEMENT SPEAKER



PROMISE FORTI

Promise Forti graduates today with highest distinction, earning a Bachelor of Science from the IU Kelley School of Business, where she majored in economic consulting, public policy analysis, and international business. Arriving at IU from Saint Joe, Indiana, Forti chose to major in economic consulting after taking an impactful class as a freshman. She would like to work within law one day.

She is the recipient of a Cox Engagement Scholarship, which rewards strong academic performance, hard work, and a commitment to service. As a Cox Engagement Scholar, Forti works as an Advocate for Community Engagement at the nonprofit organization Boys and Girls Club of Ellettsville through the Center for Innovation and Learning at IU. In exchange for a full tuition scholarship, IU's Cox Scholars work 10 to 12 hours each week organizing and facilitating partnerships

between IU service-learning courses and their assigned work site. Additionally, Forti received the Provost's Scholarship, also granted to academically distinguished students.

Forti served as the assistant director of ethics and social responsibility for the Kelley School of Business student government. In this role, she focused on creating opportunities for students to learn more about ethics through panels, case competitions, and research. Through the college ministry The Salt Company, she also mentored and tutored undergraduates in both academic and nonacademic capacities.

Forti has worked three years as a teaching assistant at the Kelley School for undergraduate-level courses in the fundamentals of economics and, more recently, a senior-level consulting class. She completed internships at consulting firm Alvarez & Marsal in Dallas, specializing in management consulting, and at Franklin Electric in Fort Wayne, specializing in marketing. As part of the Kelley Retail Workshop at IU, Forti engaged in comprehensive professional development and hands-on projects with extensive exposure to the corporate retail industry and career paths available to retail professionals.

An IU Founders Scholar, Forti has participated in intramural sports (frisbee) and participated in Bloomington theatrical programs. During her junior year, she completed a semester abroad at University of Strathclyde in Glasgow, UK, specializing in international business and marketing while also traveling to more than 10 countries.

Forti will join Mastercard as an analyst in franchise growth and enablement in February.

ACKNOWLEDGMENTS

UNIVERSITY GRAND MARSHAI

Brian Horne, Associate Professor of Music (Voice), Jacobs School of Music

UNIVERSITY PLATFORM MARSHAL

Sarah B. Mostes

HEAD MARSHALS

Valarie Akerson, School of Education

K. Allen Davis, College of Arts and Sciences

Brent Gault, Jacobs School of Music Chase McCoy, Luddy School of

Informatics, Computing, and Engineering

William Ramos, School of Public Health

Cathrine Reck, College of Arts and Sciences

Joe Schroeder, Kelley School of Business

Steve Tait, College of Arts and Sciences

Jennifer Terrell, Luddy School of Informatics, Computing, and Engineering

FACULTY MARSHALS

Kyle Adams, Jacobs School of Music Isak Nti Asare, Hamilton Lugar School of Global and International Studies

Marco Ajelli, School of Public Health Funmilola Abidemi Ayeni, School of Public Health

Sridhar Arcot, Kelley School of Business

Brandon Barker, College of Arts and Sciences

Hall Bjørnstad, College of Arts and Sciences

Lori Burch, School of Education Jean Camp, Luddy School of Informatics, Computing, and Engineering

David Cartledge, Jacobs School of Music

Deborah Christiansen, Eskenazi School of Art, Architecture + Design

Christopher G. Connell, College of Arts and Sciences

Heather Eastman-Mueller, School of Public Health

Ellen Evans, School of Public Health

Gerhard Glomm, College of Arts and Sciences

Clare Griffin, College of Arts and Sciences

Dan Grundmann, O'Neill School of Public and Environmental Affairs

Elena Guzman, College of Arts and Sciences

Stacie M. King, College of Arts and Sciences

Lisa Lenoir, The Media School Caleb Lucas, College of Arts and Sciences

Steven Lulich, College of Arts and Sciences

Paul Macklin, Luddy School of Informatics, Computing, and Engineering

Armin P. Moczek, College of Arts and Sciences

Michael Morrone, Kelley School of Business

Brian Moscicki, School of Public Health

Marty Pieratt, Kelley School of Business

William Ramos, School of Public Health

Tehanee Ratwatte, Kelley School of Business

Kent Rerko, Kelley School of Business

Howard Rosenbaum, Luddy School of Informatics, Computing, and Engineering

Bret Rust, School of Public Health Patricia Silveyra, School of Public Health

Ellen Vaughan, School of Education Estela Vieira, College of Arts and Sciences

Henry Wakhungu, O'Neill School of Public and Environmental Affairs Roger Zoh, School of Public Health

UNIVERSITY PLATFORM MEMBER

Roxie Barnes, School of Nursing

JOIN THE DIGITAL CELEBRATION

Everyone at IU Bloomington is so glad you're graduating!
View celebratory posts from
Commencement guests and fellow
graduates by scanning the QR code.
Post your own message by tagging
#IUBGrad24 on Instagram. Or text
a message to 650-620-7001 with
your favorite photo or video clip.



WE'D LOVE YOUR FEEDBACK

Take a short Commencement survey at **go.iu.edu/wintersurvey**.

ONE HUNDRED NINETY-FIFTH COMMENCEMENT

INDIANA UNIVERSITY BLOOMINGTON

195th Commencement 9:00 a.m. and noon, Friday, December 20, 2024 Indiana University Auditorium

PAMELA WHITTEN, President of Indiana University, Presiding

FANFARE Indiana University Herald Trumpeters

PROCESSIONAL James Walton

Senior

Jacobs School of Music

WELCOME President Whitten

THE STAR-SPANGLED BANNER Michael Caden Christopher

Class of 2024

Jacobs School of Music

INDUCTION CEREMONY Anay Terala

Class of 2024

Kelley School of Business

Dawn Whitehead

Chair, Board of Managers

Indiana University Alumni Association

STUDENT COMMENCEMENT ADDRESS Promise Forti

Class of 2024

Kelley School of Business

CHARGE TO THE CLASS President Whitten

RECOGNITION OF GRADUATES AND

PRESENTATION OF DOCTORAL

DEGREE RECIPIENTS

President Whitten

Rahul Shrivastav

Provost and Executive Vice President Indiana University Bloomington

Assisted by the deans of the schools (listed on page 3)

CONFERRAL OF DEGREES AND

CLOSING REMARKS

President Whitten

HAIL TO OLD I.U. Led by Mr. Christopher

INDIANA, OUR INDIANA Mr. Walton AND RECESSIONAL



GRADUATE AND UNDERGRADUATE DEGREE RECIPIENTS

This list of 2024 recipients of degrees includes the names of graduates whose degrees were awarded in the fall term of 2024 and who applied to graduate by their programs' stated deadlines. Degrees and honors are confirmed after the completion of all requirements is verified. Diplomas for all fall term graduates will be mailed to recipients. For details on graduating with honors, please visit go.iu.edu/honorgrads. Students who have completed the Hutton Honors Notation are indicated with an asterisk (*) to the right of their names. Members of the Hutton Honors College must complete 18 credit hours of honors work with at least a 3.4 cumulative grade point average in order to earn the notation.

College of Arts and Sciences

BACHELOR OF ARTS

Almanoemi Acosta Haley Nicole Arsenault Alexa Quinn Asadorian Carmella Layne Babbitt Ariell Baker

With Distinction Andrew Baxter Mattison K. Blanton Noah Michael Bolticoff Nigel Bond Abigail Grace Bostrack Reis W. Bradley Clarice Burton Bricker With High Distinction Dylan James Bruner Alexandria Jade Burton Jacob Bradley Butler Morgan Butrum-Griffith With Highest Distinction Alexia LeeAnn Calland Jeanoa Ellana Cameron Evander A. Cannon With High Distinction Charles Scott Canty Jr. Synishia Carter Calista Jenelle Christman Yoonseok Chung Rachel Victoria Clark Salome Clara Cloteaux Krishan Matthew Coffman Nathaniel Jordan Cole Haley Nicole Comstock Nathan William Coney Briley Nicole Conliff

Steven James Connelly

Jemima Alicia Cookson

With Distinction

Gavin Cooley

Destiny Kaziah Cooper Camille Corbitt Jacob Alexander Davis Lindsey Danielle Delgado Avery June Devine Meghan Elizabeth Dillon Trinton Lamar Duncan Jordan Dyche Ella James Eads With Highest Distinction Gretchen Claire Eberle With Distinction Sean Thomas Egli Gillian M. Eller Natalie Rose Erkman **Hunter Nicole Evans** Riley Evan Fish Rachel Scanlon Fisher Sophia Caroline Fisher With Highest Distinction Amoni Anaya Flemings Megan Ford **Emily Grace Friday** With High Distinction Hongxi Fu Gabriel Xavier Galvan Abigail Riley Gambrall Kaley Renee Garcia* Nicholas Gize Alexandra M. Gordon Erica Lauren Green Jayden Grace Hailey Georgia Renee Hastings Julianne Alysse Hatcher With Highest Distinction Trent Hatfield Haocheng He Ella M. Hubster With Highest Distinction Jackson H. Hudgins* With Distinction

Alexa Rae Hurd

Roarke Albright Ireland Lindsay Joan Janus With Highest Distinction Ani Rose Johnson With High Distinction Remya Danielle Johnson Cooper Louis Jones With High Distinction Quentin Kagan Nicholas Pete Katsaropoulos Sarang Kim With Highest Distinction Corabeth King Danielle Kinney With Distinction Jenna Irene Kirkpatrick **Taylor Lammert** Abigail Jane Langschwager With Distinction Anaya M. Lazaro With Distinction Joan Lee Alexander Jake Liebrum De'Airah Long Juliana Andrea Lopez With Distinction Santiago Lopez Maya Kay Mace Alexander Ramesh Malhotra Sofia Angelina Martin Paeton Mathes John Maxwell Ruth Anne Mayer Mia Ann Mazero With High Distinction Bryn Leah Mazzocco With Highest Distinction Calvin Kirk McAllister Matthew McClure Jacob James McDaniel Colin James McDonald Madison Kay Meade With Highest Distinction Lukas Gabriel Medford Amelia Jane Meiers Macy E. Merriman Samantha Ann Mignogna Megan Kristine Mihelich Gavin Miller Allie Renee Minnick Nickolas Avery Moreland Daniel Munoz Margaret Kathleen Navarro Ryan Joseph Nevins Erin Gillian Newcomb With High Distinction

Sydney Jordyn North With High Distinction Victoria Cristina Novoa With Distinction Hannah Nicole Ogden David Tayo Olowookere Jinjie Ou Chyan Nyre Pace Taylor Brienna Parra Cameron Pasion Campos Raina Dilip Patel Lucy Mae Pendergast Thierry Laurent Philippe Alexander S. Pirowski Reagan Pauline Pliler Emile N. Ponsot Griffin Michael Powers Samuel Patrick Ray Kayla E. Reidy Rayna Soleil Rice Karlie E. Rogers With Distinction Joshua William Rohn Lizbeth Rosario Roque Hannah Rosen With High Distinction Aaron Spencer Rusk Shricha Santosh Anasuva Sarkar Matthew Saunders Rowan Blake Schilling Ryan Thomas Schleeter Michael Stefan Schnoll Morgan Taylor Seeman With Distinction Sophie Beth Shafran Nicholas Stephen Shrock Nicholas Theodore Siambekos With Highest Distinction Hollis L. Sisco Courtney Jeanea Sloop Julia Flowers Solomon Jude Michael Songer Kaden Soonthornsima Sofia Rene Southard Aaron Eliot Spaeth Madelynn Kristine Spite Paige V. Stephens* With Highest Distinction Marissa Strack Laura Elizabeth Swanson Haoxiang Tan Raelynn Jean Terry **Emily Grace Thomas** With Distinction Rylan Thompson* With Distinction Michael James Thrall Leo James Thurin With High Distinction Anna Renee Torvik Lucy Jean Travis

Sierra Paige Vaught Audrey Beth Vonderahe With Highest Distinction Soha Vora Ella Kerrigan Wagoner Kailey Wagoner Cora Isabelle Walrond Shixing Wang Zhenyu Wang Gage T. Whitmar Courtney J. Wilkinson Evan H. Yohler Alaina Kate Young Paige Makenzie Young Donya June Zandi* With Highest Distinction Zivue Zhu

BACHELOR OF FINE ARTS Destiny N. Walton

BACHELOR OF LIBERAL STUDIES

Nicklas M. Allen Aria Armendariz Peavy Shawn Maurice Asbury II Solomon Van Biak Kaelon Black Elly Marie Brown Kailah Martriece Brown Paige Butler Lanell Carr Jr. Savannah Rose Clark Avery Marie Covey Anna Jeannine Cushman Shalom Moriah Drummond With Highest Distinction Zoe Jane Edwards With High Distinction Justice Demond Ellison Isabel Payton Friedman Joseph Snider Gollmer Jason He Isaac Van Biak Hnin Jensen Olivia Horner James Dusaban Icuspit Connor Lee Jacobs With High Distinction Sampson James Will Jenkins Kyle Alexander Johnson Mikail Anthony Kamara Riley Shea Kieft Adrienne Nicole Kinser Kirsten Kosik Sydney Lambert Trevor Lambert Savannah-York Longley Tyrik Donnell McDaniel Lucy Ilene Miller

Brooke McKenna Minglin

Christopher Matthew Moore Jr.

Jake Thomas New Sarah Diane Nicholson Kishan Dilip Patel Ana Valeria Prado Roman Purcell Farhanaz Faheem Oureshi Jackson Wolcott Rodeno Saphire Smith **Grant Summers** Matteus Elliot Sunshine Riley Fields Tucker Noah Frederick Turner Jack Robert Usellis Ke'Shawn Tamir Williams John Mark Woolums Camoni Young

BACHELOR OF SCIENCE IN ANIMAL BEHAVIOR

Carmella Layne Babbitt
Mackenzie Rae Banta
Carly Rita Craft
With Highest Distinction
Harley Skye Cretin
With Highest Distinction
Darian N. Gossett
Jae Hoon Jeong
Yang Jou
Railyn Jade Poynter
Brooklyn M. Reynoso
Londyn Riley
Shadazisha Tolbert
Anna Renee Torvik

BACHELOR OF SCIENCE IN ASTRONOMY AND ASTROPHYSICS Amanda DeGuire

BACHELOR OF SCIENCE IN ATMOSPHERIC SCIENCE

 ${\it Stephen Gregory Shafer} \\ {\it With Highest Distinction}$

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Ethan Christopher Apsley*
With Highest Distinction
Pilar Dulce McGuire
Jonathan Edwards Mick
Samuel Christopher Muesing
Alexis Lee Schmidt
Christian Spencer

BACHELOR OF SCIENCE IN BIOLOGY

Alexander J. Ake
With Highest Distinction
Ibrahim Basil Alubaidi
With Distinction

Emmanuel C. Tsetse

Brooke Taylor Bonta With High Distinction Molly Grayling Bowman With Highest Distinction Colton Levi Bunten Grace Pamela Cooper With Distinction **Bradley Jackson Enneking** David A. Foskuhl Benjamin Steven Heppner With Distinction Alexander Cadden Lee Holliday* With Highest Distinction Joanne Joomi Kang Sarena Sa Kauveiyakul Caleb Patrick Law Sophia Rose Lenfestey With Distinction Isabel Grace Manley Alexander Ryan Meyer Daniel James Mistretta Neel Mistry Dhruvin Patel With High Distinction Andrea Gabrielle Puga Lucy Pugh Mary Lal Hlim Pui Kyndall Morgan Ross Sidarth Saravanan Rebecca Leigh Schofield Morgan E. Viney With Highest Distinction Gabriella Marie Werner John Dunkin Willey

BACHELOR OF SCIENCE IN BIOTECHNOLOGY

Aniket Santosh Binwade Jacob Andrew Lindsey

BACHELOR OF SCIENCE IN CHEMISTRY Dooheon Kim Hao Lin

BACHELOR OF SCIENCE IN CLINICAL PSYCHOLOGICAL SCIENCE Aiden Scott Armstrong

Aiden Scott Armstrong Cassidy Faith Angela Cerny Nora Daley Kaytlin Jo Lane Deanna Newbill

BACHELOR OF SCIENCE IN COGNITIVE SCIENCE

Kelsey Ann Rose

With Highest Distinction

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

Margaret Elizabeth Taggart With Distinction Suvi Maia Taylor-Gibson

BACHELOR OF SCIENCE IN HUMAN BIOLOGY

Rachel Victoria Clark Jessica Leigh Duke* With High Distinction Kehara Mareelyn Glassburn With High Distinction Zachary Paul Harpenau Kelby Nathaniel Herwehe-Schounce Alexia Ruth Lasky Cambree Lauren Lebrija With Highest Distinction Rhiannon Ludes Braeger With Highest Distinction Allie Renee Minnick Emily Marie Neil With Distinction Marisa Shea O'Connor Sriram Srinivasan With Highest Distinction

BACHELOR OF SCIENCE IN MATHEMATICS

Matthew Roach Yijie Wei With High Distinction

Cassidy White

BACHELOR OF SCIENCE IN MICROBIOLOGY Mason Alexander Otto

BACHELOR OF SCIENCE IN NEUROSCIENCE

Usmaan Rafique Chaudhary
With High Distinction
Anna René De Varona
With Highest Distinction
Veronica Lynn Frantz
Arham Amir Habib
Hailey Suzann Harper
With Distinction
Mitchell Luetke
Neha Manoharan
Kiara Tyanni Moore
Phoebe Rose Neher
With High Distinction
Meg Joanne O'Connor
With Highest Distinction

Meg Joanne O'Connor With Highest Distinction Nicole Antonella Oliva Ashani Aleena Ratnayake Vedha Savithri Subramanian Morgan A. Weesner

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Aaliyah C. Briner
Madelyn Ann Husband
Nge Li
Neha Manoharan
Emmalee Suzanne Morris
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Cassidy Ann Schmidt
Shota Shimomura
Jane Lee Van Overwalle
With High Distinction
Joseph J. Vessely

BACHELOR OF SCIENCE IN STATISTICS Kayla E. Reidy

Recipients of Master of Arts, Master of Arts for Teachers, Master of Fine Arts, Master of Science, and Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28–31.

Eskenazi School of Art, Architecture + Design— College of Arts and Sciences

BACHELOR OF ARTS

Alexa Sofia Barreras
Soren Milagro Barrios
Camryn Elizabeth Bronkella
With Distinction
Samantha Marie Frantz
Audra Claire Hannah
Abigail Dawn Hanson
Emma Marie Heberle
Benjamin Cyril Kusel
Maia Schmucker
With Distinction
Sophia M. Talarico

BACHELOR OF FINE ARTS

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Maria Elizabeth Hawkins
Nicholas Dwyer Johnson
With Distinction
Kaitlyn Marie Manbeck
Sydney Rebecca Miller
With Highest Distinction

BACHELOR OF SCIENCE
IN APPAREL
MERCHANDISING
Adam Joseph Cole
Lindsay Ferrell
Nia Nicole Emma Harden

BACHELOR OF SCIENCE IN COMPREHENSIVE DESIGN

Madilyn Kait Reiter

Fatima Yusuf Ahmed With High Distinction Dylan James McCoy Anderson With High Distinction Glen Breeden-Ost With Distinction Caden C. Ginoplos With Distinction Jaxon George Long Katrin Marks With High Distinction Matthew Benjamin Mastin Frances Rhea McCormick With High Distinction Charlee Patricia Nelson Trevor Howe Rush

Elijah Quinn Karmire Scott

Alaina D. Sidel
With Highest Distinction
Hannah I. Smith
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BACHELOR OF SCIENCE IN MERCHANDISING

Emily Nicole Barkdull
With High Distinction
Jordan Katz
With High Distinction
Fa'aleava Jeanne Odden

MASTER OF ARCHITECTURE Morgan Roe Calbert

Recipients of Master of Arts and Master of Fine Arts degrees are listed under the Indiana University Graduate School Bloomington, pages 28–31.

Hamilton Lugar School of Global and International Studies—College of Arts and Sciences

BACHELOR OF ARTS

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With High Distinction Bria L. Grobey

Joey Hale Fallon Hare Georgia Renee Hastings

Julianne Alvsse Hatcher

With Highest Distinction
Leena Hussain

With High Distinction

Melody J. Luther
Bryn Leah Mazzocco

With Highest Distinction

Elizabeth McDivitt Brett A. McIntyre

Dylan Andrew McLeod

Clara Remily Murphy

Alexander S. Pirowski

Alex Bailey Potter Luke Joseph Potts

Connor Ethan Rose

With Distinction

Jaigh Lauren Rose Sanders

Julia Wojcicki SantAnna

Rowan Blake Schilling

Nicholas Theodore Siambekos With Highest Distinction

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Samar Deep Singh

BACHELOR OF SCIENCE IN INTERNATIONAL STUDIES

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MASTER OF INTERNATIONAL **AFFAIRS** Hakan Karakus Grant Patrick Morgan

Recipients of Master of Arts and Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28-31.

The Media School-College of Arts and Sciences

BACHELOR OF ARTS Naif Khalaf Alharbi Nicole Alpizar With High Distinction Kelsey John Bail **Emily Nicole Barkdull** With High Distinction Leana Akerke Barnes Audrev Kathleen Betchkal Emma Lauren Bettencourt With Highest Distinction Shaurya Bhandari Dylan Jett Bizar Marcus A. Blackmon Carson Tanner Blair Lauren Michelle Booher* With Highest Distinction Samuel Louis Brunsman Jackson Lee Bunte Fiona Grace Burch With Highest Distinction Abigail J. Carlson Hyeongyu Choe Molly Grace Collier With Highest Distinction Daegan B. del Fierro Abby Elizabeth Erbse Allison Farrell

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Lukas Matthew Jackson Ava Sophia Kaiserlian With High Distinction Nam Hyun Kim

Makenzie Morgan Kirby Sophie Ellen Kovalan Melissa Krawczyk Mila Lazich

Justin Theodore Marks

Kennedy Miller

With Highest Distinction Luka Milovac

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With Highest Distinction Eric Y. Nkansa-Asare

Leister William Perrin IV

Tricia Joan Petit Amelia Marie Rader Klaire Rasche

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Myles Temple

Willow Faye Thompson

Deryk M. Tibbs

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Dominic Anthony Venturini Joseph Oliver Waddell

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Neal Stackhouse Kaelble

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Savannah D. Bushhorn*

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Inkyu Byun

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Rex Chang Chien

Harishwar J. Chellasamy

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Tsai Fang Chiang

Kyle Marc Christensen

Thanh Cong Chu

Hanna Chung

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Promise M. Forti

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Woohee Han

With Highest Distinction

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Nolan Trevor Huff

Inan Jaggi

Euri Jang

With High Distinction

Seyoung Jang

With Distinction

Harsavarthine Jayaraman

Zhilong Jiang

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Sydney Lisa Masur

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Soha Vora Harshita Wadhwa

With Highest Distinction

Kinshuk Suraj Wadhwa

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Katherine Woo Tiffany Li Wu Haoyang Xu

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John William Borokhovich

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Haley Margaret Hutto

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Hanyang Wang
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Jefferson Blythe Bell
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Stephen Michael Evankovich

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Robert Wesley Garrett

Joseph Gibson

David Noel Gilreath Eric Fridtjof Gratz Jeffrey Ryan Halker Steven Donald Hannah

Isaiah Harris

Daminabo George Harry

William Hayes

Stephen Robert Hinton Jacob Huggins Sandeep S. Iyer Maansi Jain

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Stephen Kontrimas Nicolas A. Kuperus Brandon M. Lansdell Rachel Elizabeth Law Robert Lechner Chul Hwi Lee Vincent R. Letz

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Vaibhav Wasudeo Mohadikar

Christian Moor Aaron Leland Moss William Earl Moss Tyler Dean Muirhead Sarvesh Nair

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Tara Oomen

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Belana Narahari Patro

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Haoyu Xiong

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MASTER OF SCIENCE IN HEALTHCARE MANAGEMENT Chayton Jacobsen Thao Thanh Nguyen Vicky Pai Albert Jacob Tsai Kayla Grace Willens

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Joshua See Chung Cheng Marisha Chopade

Sourabh Shivaprasad Dandagi William Thomas Dannacher Meera Sunil Ghaskadvi Bhadra Giri Resmi Rithvik Gurajala Tina Huang Vansh Kashnav Zhan Kharazian Ruta Javant Kulkarni Gabrielle Erin Latimer

Vishan Lingam Sophie Lofton

Marvnancy Michelle Samson

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Marissa Ann Streng

MASTER OF SCIENCE IN STRATEGIC MANAGEMENT Junhwan Kim

Recipients of Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28-31.

School of Education

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Celia Butler
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Hannah Marie Crouch
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Laurel Marie Davidson
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Kyla Franklin
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Grace Adelaide McCartney
Maxwell Grace McElwain

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With High Distinction McKenzie Ann Odle

With Distinction Marimar Caroline Pickard-Carlisle

Abby Rose Ratekin
With High Distinction
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Maitlyn Nicole Richards With High Distinction Kade H. Roembke

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With Distinction Emma Steiner

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Audrie Grace Wilkins
With High Distinction
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Mae Catherine Wolcott

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DOCTOR OF EDUCATION

Kristine O'Lynn Bailey Major: Instructional Systems Technology Dissertation Title: Instruction for Sustainability: How Expansive

Sustainability: How Expansive Framing Impacts Behavior Change

Research Chair: Daniel Hickey

Aishat Olere Balogun Major: Instructional Systems Technology

Dissertation Title: Exploring
Trends in the Use of Virtual
Simulations in the Science
Classroom: Presenting Teachers
Perspectives and Practices
on Use, Access and DecisionMaking

Research Chair: Krista Glazewski

Florentina Marie Closser
Major: Instructional Systems
Technology
Dissertation Title: Experiences and
Their Attributes that Gave Stem
Professionals Self-Efficacy to
Consider Naval Stem Careers
Research Chair: Anne Leftwich

Kathryn Dixon
Major: Instructional Systems
Technology
Dissertation Title: Teacher
Perceptions and Professional
Development Impact on
Generative AI Use on Middle
Grades

Research Chair: Thomas Brush

Camilla Fulvi Major: Literacy, Culture, and Language Education

Dissertation Title: Preparing Future
Educators to Offer QueerInclusive Curriculum through
Case Studies: A Practitioner
Inquiry Perspective
Research Chair: James Damico

Michelle Nicole Harkins
Major: Literacy, Culture, and
Language Education
Dissertation Title: How
Asynchronous Online
Elementary Spanish Students
Use Oral Communication: A

Descriptive Case Study
Research Chair: Martha Nyikos

Shellie Anne Harshberger
Major: Curriculum and Instruction
Dissertation Title: An Action
Research Investigation:
Enhancing Dual Credit Biology
Students' Scientific Literacy
Skills through Metacognitive
Reading Interventions
Research Chair: Valarie Akerson

Jamie Leigh Henderson
Major: Educational Leadership
Dissertation Title: Improving a
School Problem-Solving Team
Using Improvement Science
Research Chair: Chad Lochmiller

Mary F. Johnston
Major: Curriculum and Instruction
Dissertation Title: The Impact
of Contextualized Nature
of Science on Student
Epistemological Misconceptions
in Nature of Science, Bonding
and Reaction Chemistry
Research Chair: Valarie Akerson

Lisa S. Lee
Major: Literacy, Culture, and
Language Education
Dissertation Title: Cultivating

Language Teacher Identities: A
Narrative Inquiry of Pre-Service
Non-Native English-Speaking
Teachers

Research Chair: Beth Samuelson

Gina Marie Londino-Smolar
Major: Curriculum and Instruction
Dissertation Title: Examination
of Social Belonging and
Connectedness in an Online
Science Course: An Action
Research Study
Research Chair: Valarie Akerson

Paula Marcelle Major: Instructional Systems Technology

Dissertation Title: Self-Regulated Learning in an Online Micro-Credential: An Explanatory Sequential Mixed Methods Case Study

Research Chair: Curtis Bonk

Rehab H. Morsi
Major: Literacy, Culture, and
Language Education
Dissertation Title: Creating a
Translanguaging Space in a
University Level ESL Classroom
Research Chair: James Damico

Kristen Anne Poindexter
Major: Curriculum and Instruction
Dissertation Title: Determining
the Usefulness of Fairy Tales,
Immersive Experiences, and
Digital Science Notebooks to
Increase the Understanding
of Nature of Science in
Kindergarten Students
Research Chair: Valarie Akerson

Mercedes Randall
Major: Higher Education
Dissertation Title: Evaluating
Test-Optional Admissions
and a Complementary TestExcluded Scholarship Strategy
at a Midwest Public Flagship
University

Co-Research Chairs: Vasti Torres and Danielle DeSawal Stephanie Marin Rothman
Major: Curriculum and Instruction
Dissertation Title: The Effects of
Active Learning on Motivation
and Grades among a Diverse
Student Population: Mixed
Methods Action Research of
Large, Online, Introductory
Biology Courses

Tina Noelle Stamper
Major: Curriculum and Instruction
Dissertation Title: Ensuring
Equitable Opportunities to
Improve How Blind Students
Conceptualize the Nature of
Science
Research Chair: Valarie Akerson

Research Chair: Valarie Akerson

Recipients of Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28–31.

Luddy School of Informatics, Computing, and Engineering

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Anudeep Jain
Isaiah Solomon Jones
Benjamin Mitchell
Mallory Kay Pence
With Highest Distinction
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Zachary David Castro

Emma Catherine Delph

With Highest Distinction

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With High Distinction

Alexander Thomas Foster

With Highest Distinction

Tyler Logan Friesen

Henri Masashi Garcia-Hosokawa

Landon Edward Gerth

Jackson A. Hawk

Evan William Lesniewski

Heidi Wang Lin

Aidan Joesph McManus

Kial Ann Mitchell

Alec Kendell Moore

Nikitha Chowdary Movva

Aidan Jameson Neel

Dristi Vishnu Patel

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Nicholas Newman Smeltzer

Abraham Stone

Jackson Keefe Summers

Caleb Lamar Thomas

Macie Marynn Thomson

Qianvi Tian

With Distinction

McKavla Catherine Widener

Garry Young Jr.

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Komal Kshatri

Sandeep Kumar

Gayathri Pothireddy

Peyton L. Teepe

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Brittany Eckler

Ezra Maxime Engels

Ashley Gale Franklin

Hunter Minser

Alan Michael Morris

Erin Lee Walden

Gareth Whelan

Taylor Zartman

MASTER OF SCIENCE IN COMPUTER SCIENCE

Harika Bishai

Zhenhua Chen

Shreyasi Shashank Deshmukh

Shantanu Dixit

Pratik Balasaheb Gholap

Ankur Ramnivas Javant

Nimesh Sanjay Patel

Sabid Bin Habib Pias

Soham Atul Pingat

Braxton Aubry Reichard

Aditya Shahapure Aravind Sivakumar

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Maria Paula Aroca

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Cassie Lynn Cagwin

Vicente De Leon

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Charles Adam Finch

L. Allen Fox

Allen Zhenjia Ho

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Veerappan

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Marlyn Camoro Yeseta

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MASTER OF SCIENCE

IN INFORMATICS Navah Boucaud McKenzie Givens

MASTER OF SCIENCE IN INTELLIGENT

SYSTEMS ENGINEERING

Sukrut Mukund Akolkar Ashlev

Vishwa Teja Dusa

Sowjanya Kothapalli

Thurgood Marshall Lynn

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SPECIALIST IN LIBRARY AND INFORMATION SCIENCE

Recipients of Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28-31.

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DOCTOR OF JURISPRUDENCE

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Diego Souza Gomes da Cruz
Costa
With High Distinction
Zhiqi Dai
Simon Frederic Field
Wynton Curtis Auden Gage
Yuzhao Huang
Ivy Chui Hei Kan
With High Distinction
Ming Hei Leung
Heidi Schuppenhauer
With High Distinction
Katherine Grace Urrutia
Pablo Ventero Fernandez

BACHELOR OF MUSIC EDUCATION

With Distinction

Yuyang Wu

Timothy Caleb Abshire
Mariko Lynn Findell
With High Distinction
Cristina Marie Sarrico
With High Distinction
Heidi Schuppenhauer
With High Distinction

BACHELOR OF SCIENCE IN AUDIO ENGINEERING AND SOUND PRODUCTION

Noah Alexander Girdler Anthony David Mastroberti With Distinction

BACHELOR OF SCIENCE IN BALLET

Alberto Miguel Calero

BACHELOR OF SCIENCE IN MUSIC AND AN OUTSIDE FIELD

Michael Caden Christopher Lauren E. Franzetti* With High Distinction Calvin Edward Sall With High Distinction Olivia Rose Vituccio

MASTER OF MUSIC

Katherine Alice Barbour Xingyue Chen Eugene Chin Mihailo Dašić Minhyuk Kim Yuxuan Lin Matthew Christopher Luca Eunjin Oh Seungyeon Oh Gabriel Marcelino Rojas Adam Louis Schreiber Blaine Alexander Smith Katie Elizabeth Smith Benjamin David Tufte Eva Wilhelm

MASTER OF SCIENCE IN MUSIC EDUCATION

Michael V. Klinberg

PERFORMER DIPLOMA

Adrian Ibanez-Resjan
Te-Hsin Tiffany Kung
Theresa Elizabeth Labuda
Soroush Sadeghi
Patrick Joseph Spallinger
Chin-Pei Tso

DOCTOR OF MUSIC

Layne Michael Anspach
Major: Horn Literature and
Performance
Final Project: Lyrical Etudes for
the Intermediate and Advanced
Horn Player
Research Director and Chair:
Richard Seraphinoff

Steven Vincent Berlanga Major: Choral Conducting Final Project: Early Contrapuntal Forms in the Choral Works of Paul Hindemith

Research Director and Chair: Betsy Burleigh

Carrie Chen
Major: Piano Literature and
Performance

Final Project: A Comparative Analysis of Selected Pre-College Piano Assessments in the United States

Research Director and Chair: David Cartledge

Rachel Yu Chen
Major: Piano Literature and
Performance
Final Project: Understanding and
Teaching Students with Autism
Research Director and Chair: David
Cartledge

I Ping Chiu
Major: Horn Literature and
Performance
Final Project: Progressive
Orchestral Etudes: RepertoireSpecific Exercises for Horn
Research Director: Richard
Seraphinoff

Keanu Troy Cover Major: Trumpet Literature and Performance

Committee Chair: Jeffrey Nelsen

Final Project: Mahler's Memory Spaces

Research Director: Andrew Mead Committee Chair: John Rommel

Lesley Anne Friend
Major: Voice Literature and
Performance

Final Project: An Introduction to Musical Theatre Pedagogy and Repertoire

Research Director: Brian Horne Committee Chair: Carol Vaness

Esteban Hernández Parra Major: Viola Literature and Performance

Final Project: Resuena Abya
Yala: Decolonial Practices in
Bowed Strings Learning and
Performing

Research Director: Javier León Committee Chair: Mark Holloway

Junxi James Jiang Major: Cello Literature and Performance Final Project: Discussion and

Analysis of Emánuel Moór's Cello Works

Research Director and Chair: Emilio Colon

Hyeseon Jin Major: Piano Literature and Performance

Final Project: Harmonizing
Ordinary Elements into
Unconventional: Exploring the
Musical Style of Korean Living
Composer, Juri Seo

Research Director and Chair: David Cartledge MinJi Kim
Major: Violin Literature and
Performance
Final Project: Sunnam Kim,
Forgotten Korean Composer in
the Twentieth Century, and His
Violin Piece Early Spring
Research Director: P.Q. Phan
Committee Chair: Mark Kaplan

Erin Leigh Koolman
Major: Voice Literature and
Performance
Final Project: An Introduction
to Colombian Art Song: A
Discussion of Selected Works by
Jaime León and Antonio María
Valencia
Research Director: Javier León

Committee Chair: Patricia Stiles

Julian Burke Michael Morris
Major: Voice Literature and
Performance
Final Project: Vocal Works for Bass
and Bass-baritone: A PedagogyBased Anthology
Research Director: Brian Horne

Enoch Man Lok Ng
Major: Viola Literature and
Performance
Final Project: Shostakovich's
"Sonata for Viola and Piano Op.
147": A Stylistic Interpretation
Research Director: Grigory
Kalinovsky
Committee Chair: Atar Arad

Michael William Reardon
Major: Guitar Literature and
Performance
Final Project: Introduction to
Arranging for Guitar
Research Director: Daniel Duarte
Committee Chair: Petar Janković

Timothy Joel Stephenson
Major: Piano Literature and
Performance
Final Project: Is It Unteachable?
Establishing a Method for
Teaching Communicative
Musicality to Advanced Students
Research Director and Chair:
Norman Krieger

Esther Jamie Tupper
Major: Wind Conducting
Final Project: Variations by Thea
Musgrave: A Transcription for
Wind Ensemble
Research Director: Jason Nam
Committee Chair: Eric Smedley

Aaron Michael Villarreal
Major: Percussion Literature and
Performance
Final Project: Concert Solos for
Congas
Research Director: Andy Miller
Committee Chair: Kevin Bobo

Andrew Lawrence Voelker
Major: Collaborative Piano
Literature and Performance
Final Project: A Guide to the SinglePoet Song Recital through
Musical Settings for Poetry by
Edna St. Vincent Millay
Research Director: Allan
Armstrong
Committee Chair: Kevin Murphy

Michael Shawn Foster Welk
Major: Oboe Literature and
Performance
Final Project: The Deliberate
Warm-Up: A New Method for
Pursuing Technical Mastery of
the Oboe
Research Director: Julia Shaw

Recipients of Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28–31.

Committee Chair: Linda Strommen

School of Nursing

BACHELOR OF SCIENCE IN NURSING

Emma Faye Branham
Audrianna Fuchs
Kirsten Gleason
Heather Puett
Halle Rude
Trenton Terrell
Marjorie Walls

O'Neill School of Public and Environmental Affairs

BACHELOR OF ARTS

Alexa Quinn Asadorian Andrew Baxter Jacob Bradley Butler Gavin Cooley

With Distinction

Hongxi Fu

Julianne Alysse Hatcher

With Highest Distinction

Roarke Albright Ireland

Quentin Kagan

Taylor Lammert

Reagan Pauline Pliler

Emile N. Ponsot

Lizbeth Rosario Roque

Michael James Thrall

Leo James Thurin

With High Distinction

Soha Vora

BACHELOR OF SCIENCE IN ARTS MANAGEMENT

Kailynn NaShay Brown Andrew Ty Hirshman Sijia Yuriko Huang *With High Distinction* Emilee Patricia Richardson Jake Tschaar

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

Hayden Wayne Alvey-Knapp
Emily Lynn Bartlett
With Distinction
Ella Catherine Jasnieski*
With High Distinction
Isabelle R. Nordhoff
Gwynne Lois Ohlson
Margaret Elizabeth Taggart
With Distinction

BACHELOR OF SCIENCE IN HEALTHCARE MANAGEMENT AND POLICY

Kelly Lynn Anderson
With Highest Distinction
Sarah Archer
Zion Olamide Marcus Baker
Fotmah Chaudhry
Allison Nicole DeBolt
Melissa D. Gamero
Quinn William Gubbe
Tai'ja Faye Jackson

Myka Jade Keltz
Ariana Kujawski
Rachel S. London
Emma Katherine Maple
With High Distinction
Elizabeth Grace McCreary
Jillian Diana Mitchell
Justina Oluwabukunmi Oluwayomi
Eleanor V. Saxe
Zachary J. Schneider
Luke A. Simpson
Jeorge C. Wade

BACHELOR OF SCIENCE IN PUBLIC AFFAIRS

Ahmed Al Kaabi Wendy Guadalupe Avendano Resendiz

Gabriel Joshua Boyd

Biagio Giuseppe Bucaro

Abdul Hanan Buridi Jr.

Abigail Rose Burnett*

Neeve Marie Callane

Alexis Elisabeth Calvert

Wanqi Cao

Charles M. Claycamp

Cade Joseph Cunnane

Arianna Faith Davis

Khush Dhawan

Abhinav Dinesh

Ryan Driscoll

Dania Duenas

Nadia Elkabbani

Kain Leroy Eller

William Scott Elliott

Matthew Charles Fonfara

Gianna Rose Galante

Arushi Gupta

Shannon Halinski

With Highest Distinction

Caitlin Leahy Hein

Maria Oliva Hernandez

Rylee Gene Hiles

Lucas Jeffrey Hoffman

Hayden Thomas Hubler

Jackson Hayes Irwin

Dalton Carver Jackson

Diamond Jackson

Jacob Wolfgang Kehlenbrink

Ryan Thomas Kennedy

Daniel Reiss Kessler

John H. Leffel IV

Shreya Reddy Legala

Alan B. Levy

Xiaohui Long

Katie Michelle Loos

With Distinction

Davis Michael Macke

Rachel A. Martin

With High Distinction Samiya Lachelle McMullen John Michael Mikucki Abigail Ruth Miller* With High Distinction Amber Marie Miller Nicolas Mittelsdorf Markos Armando Molina David E. Nakhamkin Andres A. Nogales Jackson Prince Norman Luke William Norris Matthew Ryan O'Connell Kenil Ketankumar Pachani Taylor Brienna Parra Mia N. Patton Brooke M. Pequignot Adam Robert Peterson Devon Andrew Pezel Anna Phillips Charles Anthony Prickel Brandon Reynolds Taylor Jane Richardson Claire Roever With Highest Distinction Becca Samuel With Highest Distinction

William Manley Schmitt
Seth Owen Schuck
Charlie S. Schuster
Lea Elizabeth Smith
Joshua Gary Gray Stockton
Rebekah Thomas
David George Toloff
Kaylee Anne Turner
Angel J. Vargas
Andrew Robert Waddey
Blythe Williamson
Madeline R. Wood
Ryan Wright
Lang Zhu

MASTER OF ENVIRONMENTAL SUSTAINABILITY Ana Gruendel Campos

Robert Henry Stephen Sarikas

MASTER OF INTERNATIONAL AFFAIRS Hakan Karakus Grant Patrick Morgan

MASTER OF
PUBLIC AFFAIRS
Victor Tolulope Akangbe
Rana Rafi A. Al Saad
Nofa Asi Alanazi
Reem Abdulrahem Alsinan
Hannah Elizabeth Ashby
Haider Attiq
Ethan Mackey Bentley
Maegan Brejnik

Matthew Tyler Bubenzer Judah Mercy Burt Erin Sunshine Carman-Sweeney Brayden James Case Julieth Daniela Castellanos Herrera Bailey Palmer Cates Allyson Danielle Collins Sarah Conroy Samantha Selin Diedrich Allyson Streeter Drinnon Vincent Michael Greene Logan Gunning Benjamin Douglas Harvey Sophie Wright Hays-Barzizza Tavia Jane Hedrick Karen Lilieth Herrera Seth Hinshaw Azba Salim Hotelwala Olivia Claire-Marie Hurley Benjamin Michael Koontz Dayna LaMothe Beau Jordan McKinney Kristopher Menghi Erin Mutchler Anthoney Chijioke Obasi Maia Payne Sarah Pritchett Gabrielle Robles Kendra Roth Jenna Eileen Ruhayel Jami Norma Schnurpel Emma J. Schuster Alexandra Grace Skinner Karenna Tankersley Pauly Tarricone Sydney Justine Uphouse Zackary Bond Vajda Hongbo Wang Leo Michael Weeks Renee Wellman

MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE

Isabella Lakshmi Yallapragada

Haider Attiq
Maegan Brejnik
Matthew Tyler Bubenzer
Erin Sunshine Carman-Sweeney
Julieth Daniela Castellanos
Herrera

Allyson Danielle Collins Samantha Selin Diedrich Vincent Michael Greene Sophie Wright Hays-Barzizza Tavia Jane Hedrick Karen Lilieth Herrera Olivia Claire-Marie Hurley Selbi Jumayeva Kramer Benjamin Michael Koontz Kristopher Menghi Gabrielle Robles
Kendra Roth
Emma J. Schuster
Alexandra Grace Skinner
Karenna Tankersley
Sydney Justine Uphouse
Zackary Bond Vajda
Leo Michael Weeks
Isabella Lakshmi Yallapragada

MASTER OF SCIENCE
IN HEALTHCARE
MANAGEMENT
Chayton Jacobsen
Jordan Marie Kraus
Thao Thanh Nguyen
Vicky Pai
Albert Jacob Tsai
Kayla Grace Willens

Recipients of Master of Arts and Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28–31.

School of **Public Health**

BACHELOR OF SCIENCE IN APPLIED HEALTH SCIENCE

Mesha Suzann Ashby Lauren Nicole Chlebowski Brahlyn N. Ivery **Emily Rose Marlow** Olivia Meek Keilyn A. Mendez Graham Michael Nitiss With Distinction Vanessa G. Piacenza With High Distinction Gabriele Sarhece Rasdall Ashley Lanae Richards Stephany Valladares

BACHELOR OF SCIENCE IN KINESIOLOGY

With Highest Distinction

Matthew Michael Aders Steven Donald Alton Ethan Rodney Baker Elliot David Barton John Francis Bellflower Ella Bensz

Graham Stewart Bobbitt Christopher Lee Bowne Robert Hammond Boyles Thomas R. Britton Nicholas David Brown William Kyle Brown James Cagnina Rowan E. Castrucci Kristina Alexis Coleman Thane Creager Benjamin Joseph Davis

With High Distinction Daniel Max Davis Keeley A. Depel

Alexander Ayares DeVaney Leslie Jennifer Diaz-Munoz

Federica Pilar Dimayorca Ellie Rose Edmondson

Dani Bachir Dimassi

Zachary James Engle

Jalenn Kanye Fortier Samuel J. Fritch

Trey Allen Galloway Carly Denise Guth

With Highest Distinction

John Tyler Harms

With Highest Distinction Brooke McKenna Hartman

With Distinction Kelsev Heflin Jacob Michael Herrera

Christina Nicole Hess Dorothy Kay Heuring

Gabrielle Fay Higginson With Highest Distinction Devan Ray Himes

With Highest Distinction

Ava Katherine Huberts With High Distinction

Annaliese Rose Hudson With High Distinction

Kendalyn G. Hurm With High Distinction

Taylor Marie Jarosinski With Highest Distinction

Heather Suzanne Johnson

With Distinction

Dowon Jung

With Distinction

Olivia Brianne Kelley

Kaylie Jazmine Kemp

Kayla Kiwak

With Distinction

Joseph F. Kloepfer

With Distinction

Jacob Daly Kortenber

With Distinction

Mason Alexander Kruse With Distinction

Alex M. Kuntz

Seungryong Lee

Rachel Gabrielle Lenardson With High Distinction

Jun Li

Angela Lynese Lowe

Keenan Matthew Makowski

Anton Kurtis Mansker

Jon-Henri Thomas Marlow

Tyler Marotz

Samuel Martin

Xavier Tshibuka Massela

Dylan Matesky

Adrienne Elizabeth McCarty

Donaven Alexander McCulley

Mariska McCune

With Distinction

Taryn Elizabeth McFarland Donovan Quenton McNeal

Alejandro Gabriel Migoya

Revlin Renai Mimms

Lara Lisann Mortz

Jordan Tyler Murphy

With Distinction

Liam Carl Nelson

Jorge Luis Nieto

Samuel David Noens

Addison Cynthia Jean Osborn

Nia Owens

Garrett D. Palmer

With Highest Distinction Brielle Khalil Payne

Logan Rae Pfahl

Jordan Matthew Pinsky

With High Distinction

Dylan Prough

Mohdeep Singh Rawala

Christiana Jolie Reimer

Hunter Jordan Rice

With High Distinction

Mackenzie Elizabeth Ross

Madison Renee Roush

Nikita Dmitrievich Rudakov

Matthew John Rudella

With High Distinction Shane C. Schmidt

Carson Schornick

With Distinction

Luke Sena

Hailey Rose Sherrill

With Highest Distinction

Matthew C. Skirvin

Madalynn Paige Slicker

Hailey Rain Smith

Hyoungduck Soh

With Distinction

Harris Arthur Sonnenklar

Rowland C. Sorrick*

With Highest Distinction

Robert Benjamin Sorsor Jr.

Ariana Cydnee Steele

Abigail Steinhart

With Distinction

Emily N. Suris

With Distinction

Kyle Joseph Sutton

Jacob Russell Thompson

Nathan Matthew Till

Jan Tomaszewski

Nauteon Vertner

Delaney Wagoner

With High Distinction

Stephen Walker II

Peyton Justin Wall

Matthew Warren Warner

Bayden Ross White

David P. Woolever

With Distinction

Samuel Peyton Yaffe

Erik Yingling

Naomi Janelle Young

BACHELOR OF SCIENCE IN PUBLIC HEALTH **COMMUNITY HEALTH**

Jakailyn Aaron Snigdha Agrawal

Gabriela Avila

Talia Joy Avisror

Jordan Boico

Bryce Bookwalter

Victoria Lynn Curtner

Kelly Joanna Flores

Jamie Marasco Gebhardt

With Distinction

Sophia Giglio

Citlali Janett Gomez

Haylie A. Hawxhurst

Brooke Elizabeth Helm

Raven Ashley Horneman

Donovan Todd Lee
Caleb Scott Lindsey
With High Distinction
Avanti Mukerjee
Ja'Lila Newbill
Hailey Ann Patrick
Wyatt James Reasor
Isabel Melissa Runberg
Juliana Christine Smith
Brooke Alejandra Valencia
Zaria Elisse Ward

BACHELOR OF SCIENCE IN PUBLIC HEALTH EPIDEMIOLOGY

Alex Dexter
Sean Sung Gao
With Distinction
Emma Rose Knox
Anna Caroline Meyer
Gionni Daniel Weatherspoon
Mathews Zemen

BACHELOR OF SCIENCE IN PUBLIC HEALTH FITNESS AND WELLNESS Alexandra Marguerite Halle

BACHELOR OF SCIENCE IN RECREATION

Ashley Akin Annabelle Rose Altmark Cynthia Ishimwe Bandora Madeline Adele Berger Sophia Renee Buell Marissa N. Calabrese With High Distinction Mary Isabel Clodfelter With High Distinction Yesenia Cruz With Distinction Kamryn E. Denney Korinne Elizabeth Gofourth With Distinction Kimberly Michelle Good Jenna Marie Halbert With Distinction Margaret Elise Hays Sierra Alexis King Emma Elizabeth Lantz Anna Christine Lawson Emma Kathleen Lonnberg With Distinction Sara Morgan Metcalfe With Distinction Abi Meyyappan Alison Oberlies

Allison Sheri Olsen Molly Ann Ross Carli Faye Saunders Allison Jane Sherrill With Distinction Kylie Michele Sutter

29

Riese Marie Thornton Avery Nicole Williams Katherine Grace Wolfe Bawi Len Zing

With Highest Distinction

MASTER OF PUBLIC HEALTH

Susan Sailer Dwyer
Laci D. Frodge
Claire Elizabeth Walker Griffith
Denae Alicia Joshua
Amy Elizabeth Phillips

MASTER OF SCIENCE IN APPLIED HEALTH SCIENCE Trevor Jay Beck

MASTER OF SCIENCE IN RECREATION

Samantha Rose Baker Alicia Nicole Draper Naomi Foster Brendarius Kirkwood Molly Jean Wimsatt

Recipients of Doctor of Philosophy degrees are listed under the Indiana University Graduate School Bloomington, pages 28–31.

School of Social Work

ASSOCIATE OF SCIENCE IN LABOR STUDIES Bella Reed Noble With Distinction

BACHELOR OF SCIENCE IN LABOR STUDIES Evan Michael Price Charles Preston Toth

Indiana University Graduate School Bloomington

MASTER OF ARTS

Clayton Abell Major: History

Corryn Bailey Anderson Major: African American and African Diaspora Studies

Sophia Grace Ballard Major: English

Anne Katherine Beard Major: English

Anthony Bucco Major: Linguistics

Shannon Rakai Caldwell Major: African American and African Diaspora Studies

Daniel Ray Crissman Major: History

Ivan Dedyukhin Major: Economics

Jasmine Frison

Major: African American and African Diaspora Studies

Yizhang Hu

Major: Criminal Justice

Kimberley Eileen Kistler Major: Arts Administration

Katherine Mei-li Lin Major: Arts Administration

Alan Michael Morris Major: History

Isaiah O'Bryon

Major: Second Language Studies

Maia Payne

Major: Arts Administration

Yamini Shah Major: History

Jade Sade Shelby Major: English

Jennifer Aiya Stearns Major: History Daniel G. Swanson Major: Linguistics

Pauly Tarricone

Major: Arts Administration

Anthony Vincent Vecchia Major: Economics

Bernardo Wade

Major: African American and African Diaspora Studies

Erin Lee Walden Major: English

Richard Douglas Welch Major: Law and Democracy

Yutong Wu

Major: Arts Administration

MASTER OF ARTS FOR TEACHERS Deepali Kapoor Major: Mathematics

Evan David Phares Major: Mathematics

Decker McGraw Pope Major: French

Aaron Michael Stanley Major: German

MASTER OF FINE ARTS

Zephany Gisselle Rivers Major: Theatre and Drama

Bernardo Wade

Major: Creative Writing

MASTER OF SCIENCE

Jon Thomas Mills Major: Physics

Ngoc B. Ngo Major: Economics

Michael Benjamin Pence

Major: Physics

Andrew Brendan Smith Major: Economics

Cem Tener

Major: Statistical Science

Jonathan J. Ward Major: Biotechnology Jionghua Wu Major: Economics

Yiluan Xing Major: Economics MASTER OF SCIENCE IN CRIMINAL JUSTICE AND PUBLIC SAFETY Martin Dyar Burtt Zachary Andrew Robinson

MASTER OF SCIENCE IN CYBERSECURITY RISK MANAGEMENT

Srinath Aetukuri
Jane Armstrong Allen
Sakshi Bansal
Ivan Alberto De la Espriella
Tyler Eric Forajter
Avery Luis Lopez
Connor Loy
Beau Jordan McKinney
Christopher Nathaniel Page
Cameron James Rachford
Shaun Snyder
Todd Wilson

DOCTOR OF PHILOSOPHY

Mohammed A. Al Ameri Major: Middle Eastern Languages and Cultures

Dissertation Title: The Politics of the Marja'īyya Shi'i Religious Institution of Iraq

Research Chair: Asma Afsaruddin

Laila Abdulwahab Aljumah
Major: Special Education
Dissertation Title: Teachers'
Reported Implementation of
Effective Behavioral Strategies
for Students with AttentionDeficit/Hyperactivity Disorder
Research Chair: Ana Maria Brannan

Anas Mohammed Althuwaini Major: Middle Eastern Languages and Cultures

Dissertation Title: Saudi Arabia Through the Lens of U.S. Online Discourse: A Multi-Perspective Analysis

Research Chair: Samuel Obeng

Megan Ankuda Major: Music Education Dissertation Title: A Landscape Study of Elementary General Music Research Chair: Peter Miksza Britney Renee Arce
Major: Health Behavior
Dissertation Title: Preventive
Healthcare in Action:
'eatNplay'-A Family-Based,
Telehealth Intervention for
Childhood Obesity

Lucia Casiraghi Major: Italian

Dissertation Title: "Non parlo mica così in real life": Italian Youth's Translanguaging Practices on Social Media

Research Chair: Nana Gletsu-Miller

Research Chair: Andrea Ciccarelli

Bibrak Qamar Chandio
Major: Intelligent Systems
Engineering
Dissertation Title: Innovations
for Scalable Dynamic Graph
Processing Structures and
Techniques

Research Chairs: Thomas Sterling and Ariful Azad

Yi-An Chen Major: Linguistics Dissertation Title:

Dissertation Title: Perceptions and Sociolinguistic Evaluations of Mainland Mandarin and Taiwan Mandarin on Bilibili

Research Chair: Susan Herring

Zheng Chen
Major: Intelligent Systems
Engineering
Dissertation Title: Towards Robust
Robotic Vision Perception
Research Chair: Lanao Liu

Zhenhua Chen Major: Computer Science Dissertation Title: Tenor-Based Convolutional Neural Networks Research Chair: David Crandall

Evan Zachary Dalton
Major: Chemistry
Dissertation Title: Sources and
Sinks of Reactive Nitrogen
and Chlorine Species in the
Multi-Phase Atmospheric
Environment
Research Chair: Jonathan Raff

Claudia Day
Major: Counseling Psychology
Dissertation Title: Exploring
Experiences of Retired Female
Soccer Players
Research Chairs: Jesse Steinfeldt
and Lynn Gilman

Kaitlyn Elizabeth Follmer Major: Health Behavior Dissertation Title: Understanding Advance Care Planning as a Preventative Heath Behavior Research Chair: Ruth Gassman

Jill Marie Fortin Major: Spanish Dissertation Title: The Dystopian Turn of Nostalgia in Spanish Republican Exile Novels Research Chair: Reyes Vila-Belda

Moumita Ghosh
Major: Chemistry
Dissertation Title: Electrochemical
Small Molecule Activation Using
Surface-Modified Graphite
Electrodes
Research Chair: Jeremy Smith

Suchismita Ghosh
Major: Genome, Cell, and
Developmental Biology
Dissertation Title: Extracellular
Vesicles of Plants are
Heterogenous and Can Be
Induced by Fungal Infection
Research Chair: Roger Innes

Matthew Joseph Graham Major: Religious Studies Dissertation Title: Silent Partners: Dickinson, Kierkegaard, and Nineteenth Century Secularity Research Chair: M. Cooper Harriss

Kelsey Guenther
Major: Neuroscience
Major: Psychology
Dissertation Title: Examination
of CB2 Cannabinoid Receptor
Agonist LY2828360 in Reducing
Mechanistically Distinct Forms
of Pain in Mice and Rats
Research Chairs: Andrea Hohmann
and Jonathon Crystal

Jihee Han

Major: Curriculum and Instruction Dissertation Title: Secondary Pre-Service Teachers' Perceptions of Global Citizenship Education (GCE) at a Women's University in South Korea

Research Chair: Patricia Kubow

Ahmet Şefik Hatipoğlu Major: Middle Eastern Languages and Cultures

Dissertation Title: Reclaiming Religious Education: The Role of Voluntary Associations in Religious Schooling in Turkey (1950-1960)

Research Chair: Nazif Shahrani

Daniel Jacob Havert Major: Physics Dissertation Title: Effects of Electrical Stimulation on Criticality in Organotypic Cortical Slices

Research Chair: John Beggs

Christina Haarala Herman Major: Music Education Dissertation Title: A Conversation Analysis of Social Interactions in High School Concert Band Rehearsals

Research Chair: Lauren Kapalka Richerme

Teresa Lucille Hoard-Jackson Major: Gender Studies Dissertation Title: Fallopian Feminism: A Black Queer Feminist Methodological Intervention on Reproductive Technoscience

Research Chair: Laura Foster

Caleb Daniel Hughes Major: Physics Dissertation Title: Rare Earth Iron Garnets as Probes of Exotic Spin-Dependent Forces Research Chair: W. Michael Snow

Md Taufique Hussain Major: Intelligent Systems Engineering Dissertation Title: Graph Clustering at Extreme Scale Research Chair: Ariful Azad

Nabojit Kar Major: Chemistry Dissertation Title: Nanoparticle Conversion Chemistry: A Toolbox for Multimetallic Nanostructures Research Chair: Sara Skrabalak

Sadia O. Khan Major: Informatics Dissertation Title: Institutional Analysis of Consumer Neurotechnology Regulation: Mediating Third-Party Autonomy Research Chair: Hamid Ekbia

Jongwook Kim Major: Statistical Science Dissertation Title: Parametrized Covariance Modeling for Non-Homogeneous and Non-Stationary Spatio-Temporal Random Process on the Sphere Research Chair: Chunfeng Huang

Franziska Krueger Major: Germanic Studies Major: Second Language Studies Dissertation Title: From Bordeaux to Porto in Second Dialect Learning: The Acquisition of a New Phonological Contrast by Upper Saxon German Speakers Research Chairs: Isabelle Darcy and Laurent Dekydtspotter

Brandon Alexander Magid Major: Music Education Dissertation Title: Rethinking Social (In)Justice: An Examination of Race, Gender, and Sexuality in Choral Music Education

Research Chair: Lauren Kapalka Richerme

Nicholas Huckvale Majeske Major: Intelligent Systems Engineering Dissertation Title: Multi-Modal Machine Learning for Spatiotemporal Forecasting Research Chair: Ariful Azad

Alexandra Corine Margets Major: Genome, Cell, and Developmental Biology Dissertation Title: Characterization of Soybean Cyst Nematode Effector Proteases to Engineer Durable Resistance in Soybean Research Chair: Roger Innes

Sierra M. McAlister Major: Evolution, Ecology and Behavior Dissertation Title: Decoding Salience in Rodent Vocalizations: Understanding How Multimodal Cues Aid in Male Perception Research Chair: Laura Hurleay

Deidra Miniard Major: Environmental Science Dissertation Title: Understanding Climate Change and Energy System Perceptions and Behavior: Three Studies **Examining Energy Transition** Preferences, Social Distance, and Issue-Framing Communication Research Chair: Shahzeen Attari

Simon Pierre Munyaneza Major: Literacy, Culture, and Language Education Dissertation Title: Language in the Construction of Social Media as a Locus of "Indigenous" and "Exogenous" Knowledge Encounter for Kinyarwanda Speakers' Community Literacy Research Chairs: Serafin Coronel-Molina and James Damico

Subashree Murugan Major: Vision Science Dissertation Title: Novel Discoveries in Fuchs Endothelial Corneal Dystrophy Research Chair: Raji Shyam

Yuqian Ni Major: Media Arts and Sciences Major: Cognitive Science Dissertation Title: Appetitive and Aversive Motivation in **Dynamic Environments:** Psychophysiology and Neuroimaging Studies Research Chairs: Rob Potter and

Tom James

Sabra Ossen Major: Intelligent Systems Engineering Dissertation Title: Enabling Low-Latency High-Throughput Real-Time Stream Processing using Smart Network Compute Elements

Research Chair: Martin Swany

Siddharth Bhaskar Patwardhan Major: Informatics Dissertation Title: Optimization Problems in Multiplex Networks

Research Chair: Filippo Radicchi

Shashwati Paul Major: Chemistry

Dissertation Title: Synthesis of Saturated Building Blocks: from Conformationally Rigid Bicycles

to Alkyl Boronates

Research Chair: M. Kevin Brown

Meredith Lois Reid Phillips Major: Epidemiology Dissertation Title: Reproductive Life History and Mid- to Later-Life Cognitive Function in South Africa and the United States Research Chair: Molly Rosenberg

Paige McKenzie Price Major: Environmental Science Dissertation Title: Hydroxyl and Hydroperoxyl Radicals: A Model Re-Assessment, Measurements in a Ponderosa Pine Forest, and Indoor-Outdoor Measurement Comparison

Research Chair: Philip Stevens

Avenel Kaitlyn Rolfsen Major: History Dissertation Title: We Won't Wait for the State: Humanitarianism. Solidarity and Charity in Senegalese History Research Chair: John Hanson

Debadrita Saha Major: Chemistry Dissertation Title: Quantum Computing Algorithms for the Simulation of Quantum Nuclear Dynamics and Vibrational Spectroscopy

Research Chair: Srinivasan Iyengar

Major: Mathematics

Yue Shi

Dissertation Title: Ramification in Genus 0 Fiber Products of Two P^1 over P^1

Research Chair: Michael Larsen

Ivanka Simić Stanojević Major: Leisure Behavior Dissertation Title: Sexual Health of LGBTQ+ Individuals with Intellectual and Developmental Disabilities: Self-Efficacy and Support Needs of Direct Care and Service Providers Research Chair: Jennifer Piatt

Benjamin Caley Skutnik Major: Human Performance Dissertation Title: The Lower Temperature Threshold for Open Water Swimming Research Chair: Joel Stager

Kyle Edward Steffen Major: Physics Dissertation Title: Probing Fundamental Symmetry Violations with Neutron Polarimetry

Research Chair: W. Michael Snow

Aditya Tandon Major: Informatics Dissertation Title: Network-Based Approaches to Understanding Complex Systems: Community Structure and Science Evolution Research Chair: Santo Fortunato

Bao G. Tran Major: Chemistry Dissertation Title: Transformation of Nitrogen on Iron Supported by a Tris (Carbene) Borate Ligand Toward Nitrogen Oxyanion Reduction Research Chairs: Kenneth Caulton

Xintian Tu Major: Learning and Development Science Dissertation Title: Supporting

and Jeremy Smith

Young Children's Science Modeling Practices through Embodied Activities Within an MR Environment

Research Chair: Joshua Danich

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