156th Commencement Exercises

Lehigh University

Saturday, May 18, 2024 Sunday, May 19, 2024



Lehigh University Commencement

May 18 and 19, 2024

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Intercollege Programs

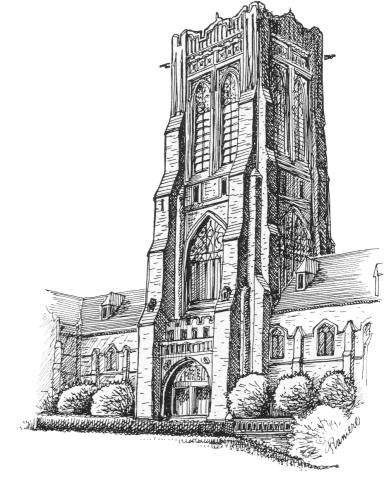
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Alumni Memorial Building

Order of Exercises

Graduate Ceremony

May 18, 2024

The Processional

The Allentown Band "Pomp and Circumstance Marches Nos. 1 & 4" by Edward Elgar

The Invocation Reverend Lloyd H. Steffen *University Chaplain*

National Anthem Led by Anna Grace Zink '23 '24G

Welcome Joseph J. Helble '82 President of the University

Greetings Nathan N. Urban *Provost and Senior Vice President for Academic Affairs*

Graduate Student Remarks Ugochinyere Nancy Oloyede '24G

Introduction of the Commencement Speaker

Joseph J. Helble '82 President of the University

Commencement Address

Stephen S. Tang '85G '88 Ph.D. '22P Principal, Tangent2Cogent LLC Former President and Chief Executive Officer, OraSure Technologies, Inc.

Conferring of Degrees and Doctoral Hooding

Nathan N. Urban Provost and Senior Vice President for Academic Affairs

College of Arts and Sciences College of Business College of Education P.C. Rossin College of Engineering and Applied Science College of Health Inter-College Programs

Remarks

Joseph J. Helble '82 President of the University

The Benediction Reverend Lloyd H. Steffen *University Chaplain*

Alma Mater Led by Anna Grace Zink '23 '24G

Undergraduate Ceremony

May 19, 2024

The Processional

The Allentown Band "Pomp and Circumstance Marches Nos. 1 & 4" by Edward Elgar

The Invocation

Rabbi Steven P. Nathan Endowed Director of Jewish Student Life and Associate Chaplain

National Anthem

Led by Caleb Thomas Reed '24

Welcome

Joseph J. Helble '82 President of the University

Greetings

Nathan N. Urban Provost and Senior Vice President for Academic Affairs

Undergraduate Student Remarks

Jack Michael Narducci '24

Introduction of the Commencement Speaker

Joseph J. Helble '82 President of the University

Commencement Address

Scott P. Willoughby '89 Senior Vice President of Performance Excellence, Northrop Grumman's Space Systems Sector

Conferring of Degrees

Nathan N. Urban Provost and Senior Vice President for Academic Affairs

College of Arts and Sciences College of Business P.C. Rossin College of Engineering and Applied Science College of Health Inter-College Programs

Remarks

Joseph J. Helble '82 President of the University

Ringing of the Bell

Jermaine J. Marshall '24 and Andrew M. Shmerler '74 '24P

The Benediction

Rabbi Steven P. Nathan Endowed Director of Jewish Student Life and Associate Chaplain

Alma Mater

Led by Sarah Brooke Quinn '24 and Katherine Murphy Stenersen '24

Graduate Commencement Speaker



Stephen S. Tang '85G '88 Ph.D. '22P

Stephen S. Tang '85G '88 Ph.D. '22P is the principal of Tangent2CogentLLC, a corporate advisory firm, and board chairman of NowDiagnostics Inc. He is a senior executive and thought leader who has been at the helm of companies for over 30 years as chairman of the board or chief executive officer. His expertise in innovation and entrepreneurship has empowered his companies to create recordbreaking growth and expand product and service portfolios at OraSure Technologies, University City Science Center, Olympus America, and two leading management consulting firms.

His book, A Test for Our Time: Crisis Leadership for the Next Normal, recounts OraSure's spinout from Lehigh University and its growth and crucial role in ending the COVID-19 pandemic. Amazon listed it as a "Top New Release" for several categories in 2023. He has served on leading nonprofit boards, such as the U.S. Department of Commerce's National Advisory Council on Innovation and Entrepreneurship, which he co-chaired. He's also the first person of color elected chairman of Team Pennsylvania Foundation and the Committee of Seventy. In addition to his Lehigh University trustee role, Tang is a board member of the William & Mary Foundation, Population Services International, Team Pennsylvania Foundation, and Life Sciences Pennsylvania.

Undergraduate Commencement Speaker



Scott P. Willoughby '89

Scott P. Willoughby '89 is the senior vice president of performance excellence for Northrop Grumman's Space Systems sector, a premier provider of space and launch systems serving national security and civil and commercial customers. In this role, Willoughby oversees sector-level program management and mission assurance strategy.

In his prior position, Willoughby served as vice president of operations for the Strategic Space Systems division, overseeing all aspects of production capabilities and enabling digital transformation strategies across manufacturing, integration and test, mission assurance, global supply chain, and operations. He also has served as the vice president and program manager for the James Webb Space Telescope, the world's largest and most powerful observatory and NASA's flagship science mission. Willoughby oversaw all aspects of the program, built in partnership with Northrop Grumman, including total systems integration, design, development, and delivery.

Willoughby has served in positions of increasing responsibility across his 34-year career with Northrop Grumman, involving financial and contract management, testing, integration, production, and management in various programs including P858 Advanced Concepts & Emerging Systems, Advanced Extremely High Frequency, and Milstar. He also served as director for integration, test & launch, within the Production and Supply Chain (PSC) organization, led PSC's Production Control Directorate where he supported both commercial and military satellite communications systems, and was the lead systems engineer on MAPSTAR. Willoughby was hired in 1989 as a member of the technical staff of TRW, a heritage Northrop Grumman company.

Willoughby received a bachelor's degree, summa cum laude, in electrical engineering from Lehigh University and a master's degree in communication systems from the University of Southern California. He is a graduate of the University of California, Los Angeles, Executive Education Program at the Anderson School of Management. He also is the recipient of NASA's Distinguished Public Service Medal, its highest honor for non-government personnel, and a member of the National Academy of Engineering.

Officers of the University

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Honorary Trustee

Victoria Zoellner

2023–2024 University Administration

Joseph J. Helble '82 *President*

Nathan N. Urban Provost and Senior Vice President for Academic Affairs

Michael J. Todd Vice President for Finance and Administration

Stephen P. DeWeerth *Dean, P.C. Rossin College of Engineering and Applied Science*

Elizabeth A. Dolan *Dean, College of Health*

Robert A. Flowers II '91G '27P Herbert J. and Ann L. Siegel Dean, College of Arts and Sciences

William Gaudelli Dean, College of Education and Vice Provost for Educational Innovation

Georgette Chapman Phillips Kevin L. Clayton '84 '13P and Lisa A. Clayton '13P Dean, College of Business

Kristin A. Agatone Chief Investment Officer

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Frank A. Roth '80 '08P '11P *General Counsel and Secretary to the Board of Trustees*

Joseph D. Sterrett '76 '78G '03P '05P '07P '09P Murray H. Goodman Dean of Athletics

Erik J. Walker *Chief of Staff, Office of the President*

Terry-Ann Jones Deputy Provost for Undergraduate Education **Larry Snyder** Deputy Provost for Faculty Affairs

Sabrina Jedlicka Deputy Provost for Graduate Education

Lisa Getzler '11P *Vice Provost for Entrepreneurship*

Jennifer O'Brien Knotts Vice Provost, Academic Systems and Services

Khanjan Mehta Vice Provost for Creative Inquiry and Director of the Mountaintop Initiative

Henry U. Odi '98G Deputy Vice President for Equity and Community and Associate Provost for Academic Diversity

Gregory M. Reihman '25P *Vice Provost for Library and Technology Services*

Daniel A. Warner *Vice Provost for Admissions and Financial Aid*

John W. Welty Vice Provost for Western Regional Office

Chris Halladay Associate Vice President for Human Resources

Katherine W. Lavinder Dean of Students

Michael Dills-Allen University Registrar

Commencement Officials

Linda Lowe-Krentz '11P University Marshal Professor and Chair of Biological Sciences

Robin Hojnoski Mace Bearer (Graduate Ceremony) Professor, Associate Dean for Graduate Studies School Psychology Program

Kashi K. Johnson '93 Mace Bearer (Undergraduate Ceremony) Professor of Theatre

James E. Roberts Head Usher Associate Professor of Chemistry

About the President



President Joseph J. Helble '82

Joseph J. Helble became Lehigh University's 15th president in 2021.

Under Helble's leadership, Lehigh completed its first comprehensive university-wide strategic planning process in 15 years. Inspiring the *Future Makers* is a blueprint for Lehigh's next decade. Building on the university's historic strengths, the plan deepens Lehigh's commitment to a broadly interdisciplinary education that is inclusive of engineering and business, creating a dynamic academic and research environment students, staff, faculty, and alumni - are empowered to do their best work.

Helble came to Lehigh from Dartmouth College, where he served as provost from 2018-2021. Prior to becoming provost, he served for 13 years as dean of Dartmouth's Thayer School of Engineering. He has also worked as a research scientist at Physical Sciences Inc., as a faculty member and later chair of chemical engineering at the University of Connecticut, and as the 2004-2005 American Association for the Advancement of Science (AAAS) Roger Revelle Fellow, in which capacity he spent a year addressing technology and environmental policy initiatives in the office of U.S. Senator Joseph Lieberman.

Helble has served on numerous EPA Science Advisory Board panels and was chair of the American Society for Engineering Education Engineering Deans Council Public Policy Committee. He is a recipient of an NSF CAREER Award, an award honoring outstanding young faculty from the University of Connecticut College of Engineering, and the AAAS Barnard Award. In 2017, he was named a Fellow of AAAS.

Helble is the author of over 100 publications on air pollution, aerosols, and nanoscale ceramics, and he holds three U.S. patents. In 2014, he and three Dartmouth colleagues received the National Academy of Engineering Bernard M. Gordon Prize for Innovation in Engineering and Technology Education.

Helble holds a B.S. in chemical engineering from Lehigh University and a Ph.D. in chemical engineering from MIT.

College of Arts and Sciences

Candidates were presented by Robert A. Flowers II '91G '27P, Herbert J. and Ann L. Siegel Dean of the college.

DOCTORAL DEGREES

Mashael Majed Alshammari

Ph.D. – Applied Mathematics Properties of the Global Solutions of a Two-Dimensional Incompressible Dissipative Quasi-Geostrophic Equation

Jacob Daniel Bardzell

Ph.D. – Physics Type II Flux Compactifications and Orientifold Intersections

Collin Michael Barker

Ph.D. – Physics Femtosecond Laser Fabrication of Optically Active Single Crystals for Quantum Networking Applications

Muhammad Bilal

Ph.D. – Chemistry Advancing Supercapacitive Swing Adsorption of Carbon Dioxide through Electrode Design, Charging Protocols, and Oxygen Stability Studies

Michael Andrew Blades

Ph.D. – Physics Surface Polaritons in Bilayer Graphenes: Cross-Correlation of Sub-Diffraction Optical Characterization Methods

Attilio Poor Ceretti

Ph.D. – Integrative Biology Mechanisms that Mediate Tradeoffs Between Reproduction and Survival in the Fruit Fly, Drosophila melanogaster

Peter Austin Conley

Ph.D. – Mathematics Sum List Vertex Arboricity and Decycling Number of Cylinder Graphs

Laura Taylor Early

Ph.D. – Physics Holographic Techniques for Strongly Coupled Matter

Shasha Feng

Ph.D. – Biology Ligand Activation Mechanisms of Transient Receptor Potential Ion Channels

Zahed Ghelichkhah

Ph.D. – Chemistry Mechanistic Modeling of Electrochemical Processes on Gold using Electrochemical Impedance Spectroscopy

Patrick O. Grubbs

Ph.D. – History The Rise and Downfall of the Pennsylvania Coal and Iron Police

Jimmy Hamill

Ph.D. – English Queering the Faith: Rhetorical Counternarratives in LGBTQIA+ Catholic Communities Advisor: Brooke Rollins

Caitlin Elise Lindley

Ph.D. – Psychology "Frogs don't wear sweaters": The Influence of Anthropomorphized Characteristics on Children's Biological Learning and Reasoning

Shea Martin

Ph.D. – Chemistry Combining Experiment and Computation to Solve Complex Problems in Photochemistry

Ugochinyere Nancy Oloyede

Ph.D. – Chemistry Titanocene Redox Catalysis: A Sustainable System for Organic Radical Transformations

Amanda Portoff

Ph.D. – Physics Vibrational Spectroscopy as a Probe of O–H and O–D Centers in the Ultra-Wide Bandgap Semiconductor β – Ga2O3

Gil M. Repa

Ph.D. – Chemistry A Deeper Understanding of Material Properties Through Computational Model Development

Danielle Elizabeth Smith

Ph.D. – Physics Flux Compactifications and Intersecting Sources

Yuezhang Tang

Ph.D. – Physics Fundamental Aspects of Black Holes and Holography

Juan José Valladares Flores

Ph.D. – Psychology A Sociocultural Perspective of Interracial Contact: Examining the Efficacy of Sociocultural Contact on Black and White Interracial Experiences

Mitchell Vaughn

Ph.D. – Biology Mapping Electrically Coupled Networks in Thalamic Reticular Nucleus

Andrew David Venzie

Ph.D. – Physics Exploring Hydrogen Impurities and Their Interactions in Ga2O3 and SnO2

Hang Zhao

Ph.D. – Applied Mathematics Some Topics in Partial Differential Equations: Exact Limit and Diffusive Limit

College of Arts and Sciences

Sinenhlanhla Porlet Zungu

Ph.D. – Psychology Encouraging Racial Justice: How Learning about Historic Black-White Allyship can Disrupt White Americans' Disinvestment from Racial Injustice Communication

MASTER'S DEGREES

Jessica Abraham M.A. – History

Jacqueline Emily Alongi M.S. – Molecular Biology

Anthony William Amato M.A. – Political Science

Juliette Grace Baran M.S. – Psychology

Riley Elizabeth Boike M.P.P. – Public Policy

Samuel Borick M.A. – Environmental Policy Design

Sophie Larue Bradley M.A. – English

Valeriia Bychkova M.P.P. – Public Policy

Erica Marie Cowper M.S. – Earth and Environmental Science

Mikkaila Taylor DeLuca M.A. – Political Science

Faith Amore Dorsey M.P.P. – Public Policy

Joseph Dotta M.P.P. – Public Policy **Isaac Nicholas Esh** M.S. – Mathematics

Yiming Fan M.S. – Applied Mathematics

Wenyan Feng M.S. – Psychology

Gavin Quade Fox M.S. – Psychology

Mayamiko Alfred Goliati M.P.P. – Public Policy

Noah Joseph Gomersall M.S. – Molecular Biology

Tarsha Tarshia Monique Griffin M.A. – English

Johanna Harding M.S. – Physics

Mitchell J. Hendricks M.P.P. – Public Policy

Katherine Hennessey M.A. – English

Gavin Hobbs M.S. – Mathematics

Matthew James Hoyer M.P.P. – Public Policy

Anthony Chidiebele Iloanya M.S. – Physics

Vicki Sareekha Jagdeo M.S. – Earth and Environmental Science

Nikoleta Kalahanis M.P.P. – Public Policy

Hwayoung Lee M.S. – Molecular Biology **Rachel Ann Leichner** M.A. – English

Jun Jie Li M.S. – Mathematics

Christian D. Martinez M.A. – Environmental Policy Design

Kevin Patrick McNulty M.P.P. – Public Policy

Jessica Cheyenne Mickno M.S. – Chemistry

Joshua Scott Miller M.A. – History

Daniel P. Moleski M.S. – Molecular Biology

Charlotte Amber Mulliniks M.S. – Molecular Biology

Chidiebere Ihunanyachi Nwaogbo M.S. – Physics

Ezinne Ikodiya Onwunta M.A. – Environmental Policy Design

Deeksha Pareek M.A. – English

Ashley Rose Pastore M.S. – Earth and Environmental Science

Jonathan Paulk M.S. – Mathematics

Tian Qin M.S. – Statistics

Isaac Armando Reiter M.S. – Mathematics

Jixian Ren M.S. – Statistics **Evan Paul Sabini** M.S. – Mathematics

Adeeb Castalo Saed M.S. – Physics

Caroline Schmidt Patricio M.A. – History

Ruiqian Su M.S. – Applied Mathematics

Neeraj Kumar Tatikola M.S. – Applied Mathematics

Rachel Holland Thornton M.S. – Mathematics

Trevor Anthony Tormann M.P.P. – Public Policy

Dru McHenry Westbrook M.S. – Molecular Biology

Melinda Marie Westfall M.S. – Psychology

Mengchu Yu M.A. – History

BACHELOR OF ARTS DEGREES

Africana Studies Musa Camara Shakiya Kayla Lewis Nicholas Yvon Lucien

Anthropology Isabelle Erin Hozempa Nicholas Joseph Jones Vito Casimiro Russo

Architecture

Gamaliel Enrique Aguilar Amir Julian Arnold Albin Wladimir Beltran Emily Coplin Maya Isabelle Fisher Morgan Elizabeth Guiher Benjina Darly Laurent Margaret Joy Mancusi-Ungaro Olivia Payton Nunamaker Griffin Albert Pumilia Angel Jesus Rivera Maddyson Trexler Schmidt Ashley Rita Struck Bailee Rose Sunderland Andrea A. Zeien Ernesto Rene Zelaya

Art Y Nhu Lam

Art History Maxwell Robert Schofield

Asian Studies and Japanese Zena Meighan

Behavioral Neuroscience Annette Supreeya Miller Kaylie Anh-Thao Vu

Biology

Julia Marcella Aloi Madeleine Loomis Ashley Georgia Becker Rita Michelle Boulos Missy Madison Connolly Kelsey Ryan Corbett Saber Aqeel Hasani Mai Phuong Le Katrina Parsa Mary Adrienne Tomacruz Pintor Meara Helene Plesh-Gill Caleb Thomas Reed Sophia Nita Shukla

Chemistry Lauryn Cerila Carganilla Holgado Wei Yung Tai

Chinese Juan Marco Montano

Cognitive Science

Rachel AiQi Caldwell-Glixon Irene Ara Cho Nina Rose Cialone Natalie Ruth Salo Hallagan Gabriella Zipora Rub Evi Winter Tarshis Alexander Tran John Griffeth Tully

Computer Science

Eli Benjamin Aaronson Athena Cai Alexander Augustine Clawthorne Eddie Kenneth Diggs Jr. Eirini Drosos Michael Thomas Fitzgerald Adrian Gollub-Messiah Eric Hernandez Yuxuan Huang Hangyi Li Karla Montserrat Muñoz Lopez Eric James Osterman Alex Rios Tasawar A. Saraf Zaef Abrar Sikder Cindy Tran Jiaqi Wang Chunliang Yang

Design

Alexandra Christine Delfini Ella Mary Fall Anne Quinlan Frey Xinni Sydney Hong Kaylen R. Hunte Caroline Elizabeth Kelly Zoe (Yanpei) Li Hope Gove Smith Lauren Joyce Snyder Evelyn Jane Thomajan Mia Jayne Valecce Konstantinos Voyiazis Zoe J. Weimer Michelle Zhang

College of Arts and Sciences

Earth and Environmental Science

Leia Gwendolyn Barnes Abigail Duane Anna Davis Erickson Tess Elaine Barger McGinley Sophia Elizabeth Mihalek

Economics

Geena Diane Abrams Madison Grace Marie Banks Liat Blumenfeld Maxwell Adam Cardi Simone Growney Davey Samuel William Brooke Denison Tram Minh Thi Dinh Emma Grace Fiore Neil Gandhi James Danby Gilman Kaithlyn Alexandria Hendricks Hailey O. Hunt Samantha Eve Jahrmarkt Hasan Jashari Ethan Bennett Kennedy Martin Michael Laham Fernanda Lazarte Maxwell J. Lee Xiao Liu Connor John McGonagle Patrick Thomas McHugh Claire Nicole Pedrick Amalia Shahinyan Kevin Samuel Simons Maanasa Tadakamalla Peyton Jackson Torgan Huanxiu Wu Qiran Yuan

English

Vito Daniel Capraro Olivia B. Kindfuller Lily Cate MacLean Isabelle Frances O'Toole Caitlin Beatrice Ralston Cassidy Joy Rubio Oluwatobiloba Aderinmola Salami Tarik L. Timothy Emily Morgan Wegrzyn

Environmental Studies

Emilie Rose Cohen Tessa Maria Dougan Nicole Mae Foster Theresa Evangeline Furnari Madison Taylor Gale Huda Hagos Elizabeth Mary Hayes Margaret Ann McLaughlin Nathaly Rodriguez Torres Madeline Ruth Watts Christian Mathias Williams

French and Francophone Studies Paola Linette Lebrón Muñiz

German Adrianne Margaret DeLaere

Global Studies

Brooke Hewitt Bingo Thiago Bastos Hernandes Tova Lashay Marshall Willow Munson Stephanie Perez Ortega

Health, Medicine, and Society

Beatrice Catherine Arnfield Martha A. Bosworth Kevsergul DayI Brooke Lauren Erickson Donovan Jordan Lassiter Sarah Lauren Manthorp Corena Grace Munroe Oluwafunmbi Precious Ojo Kerry Ann Perna Jaclyn Shoshana Sasson

History

Jakob Folagbade Alamudun Maura Harte Campbell Nicole Guglielmi Hannah Beth Lewis Erika Else Maaseide Gregory Matthias Mostek Jill Norbert Madeline Claire Sullivan

Interdisciplinary

Razan Antar Jackson August Darling Genevieve Marie Jacobson Skyler Jordan Martinez

International Relations

Catherine Hart Cullum Charlotte Flower Edwards Alexa Jenny Giraudon Mackenzie J. Lynch Lucas Grey MacKay James Peter Schulz II Christina Lillian Thomas

Joint International Relations/ Economics

Keagan Patrick Casey Theodore Parker Coes Abigail Bayless Davis Connor Michael Drucis Allison Emma Duane Ashley J. Kim John Joseph Walsh

Journalism

Martina Albin Brianna Banful Jaye Victoria Bates Sarah Marissa Binday Mariel Grace Capone Kaila Diaz Cohen Sandler Reid Douglas Emma Rose Eggleston Ella Tateishi Fino Page Sierra Hewitt Ella Grace Holland Isabella Victoria Insingo Alexandra Shea Kaplan Keilly Viena Kirkpatrick Jennifer Nicole Lindley Nahjiah Annette Melanie Miller Mercy Nsemere Kagoro Mirembe Mohamed Ndiaye Layla Rosalia Navarro Elena Eloisa Perez-Segnini Brendan Rego Tommy Joseph Rooney Jr. Maya Rachel Shaked

Journalism/Science Writing Frances Clare Mack

Latin American and Latino Studies Gabriel Ivan Colon Sierra

Mathematics

Jacqueline Noel LaMastra Theodore Collett Polk

Molecular Biology

Emily Xiayun Mars

Music

Jack William Kinsey Siobhan McKenna

Philosophy

Edwin Tae Eun Kim Justine Taylor Pavia Xavier Rocco Piccone Alan Prohorov Jonathan Whitefield Stone Sonia Vaysbaum

Physics

Gabriel Cucé Joshua Levering Russo

Political Science

Frederick Amato Jr. Shaenna Ameer Jeffrey Karan Amidon Marcela Avans

Edenne Megan Andres Baguso Samuel Kevin Barney-Gibbs Jamie Rachel Behar Arianna Illene Bloss Sydney Marie Cornell Maya Marie Elias Sadie Belle Feighan Marianne Grace Fernandez Jared Connor Gill Na'Jir Raekwon Glenn Amanda Marie Gorbea Spencer Howard Pippin Jane Katalevsky Maeve Christina Kelly John David Kempsey Mary Case Kilcoyne Arielle Emily Kutler Carlyn Mackenzie Liebold Katherine Elizabeth Lyden Juan Josue Madera Corey D. Melzer Ava Fallon Mian Claire Cunningham O'Hara Charlsie Mae Paynter Annie Jiwon Seong Paul Andrew Stone Olivia Hamilton Talbott Zoe Jordyn Tashlik Aisha Camille Touré Nicholas Glen Turrini Sophia Michele Williams Allen Amir Wilson Jr.

Pre-Optometry Jiu Han

Psychology

Emily Kay Adler Emi Arai Skye Ann Bates Stephon Drejean Bland Margaret Maria Brown Sarah Jean Buckley Jessica Zulay Cantos German Paige Elizabeth Carlson Jingying Chen Yilin Chen Henry Thomas Collins Hannah Arinda Corea Dilbert Nessia Chaya Crispe Shea Delaney Curran Isabella Maria D'Angelo Francis Adrian Elane Alexa Jacqueline Barreto-Ferreira Emma Catherine Flinchbaugh Isabella Rose Franklin Samantha Garson Catherine Harriet Glynn Samantha Hope Gropper Alberto Guinand Olivia Grace James Drew Bennett Jasper Gianna Rose LaMena Evan Brooke Lawrence Gabriella Xanthe Ledis Amelia Grace Leyden Dalia Beth Lieberman Anchen Ma Abigail Nankof Kaliana Rae O'Donnell Gianna Madeline Occhiolini Rachel Oshins Sera Park Elise Brooke Prosen Danielle Paige Rosano Brooke Alexis Rubenstein Jesse Ryan Abigail Santiago Ava Rose Schaller Zoe Stanton Xin Sui Lucie Naima Swan Samuel James Torres Maya A. Valenzano Emma Kate Weiss

Religion Studies

Ashley Rena Shaivitz

Sociology

Phoebe Hannah Baraker Amanda Blair Braverman

College of Arts and Sciences

Genesis Eve Bruncaj Jirayut Jj Chansakul Halee Kathleen Kush Zion Ezekial Lewis Roemello A. Miner Jalin Sinclair John Thomas Tan

Sociology/Anthropology

Sarah Amelie Mixsell Carolann Uzoma Odi Nigel A. Summerville

Statistics

Carson Rawlings Stotler Brianna Marie Taracena

Theatre

Julian B. Abergas Nessie Richard Houck Juliana Nicole Kilgore Giselle Victoria Kimball

Women, Gender, and

Sexuality Studies Afiwa Flora Afandalo Amber Nicole Brose Jennifer Olivia Cocchiere

BACHELOR OF SCIENCE DEGREES

Astrophysics Jacklyn Marie Henry Clauss Joaquin Mosre Brandon Kyle Schweers

Behavioral Neuroscience

Jennah Abdelaziz Samuel Joseph Augustine Nalan Aydin Sarah Elizabeth Burau Emma Rae Camp Emily Katherine Cohen Anna Jane Donovan Christina Idongesit Enodien Ethan Daniel Fisher-Perez Lily Guggenheimer Katarina Josette Kaburov Quinn Sierra Klessel Fiona Mary Mensching Katherine Jeanne Miller Olivia Aileen Millevoi Oluwafunmbi Precious Ojo Matthew Alexander Robertson Rachel Hannah Sosin Katherine Murphy Stenersen Lexi Syd Weintraub Hannah Oriana Ynez Siobhan Weller Mia Olivia Yagodich

Biochemistry

Glenine Ann Bautista Alice Chen Casey Leigh Conboy Kevsergul Dayi Simone Marie Keck Andrew Stephen Macensky Jose Horacio Maciel-Palomino Rosa Medina Alexander G. Meyer Mike Nah Roy Tadiwanashe Ndebvudzemene Kevin Sun Raymond Anthony Yedlock III

Biology

Julia Adamowicz Madeleine Ann Albrecht Imani Ashman Renae N. Austin Eva Jane Bartell Samuel Christopher Brende Abigail Christine Brown Emily Paige Cheshire Chelsea Lindsey Clark Cyrus Parsa Elmi Ziyad Amro Elsabbagh Russell Harris Fisher Isabella Shae Foster Anya Rose Getzfeld Alexis Rae Gil Jordyn Marie Hock Isabelle Erin Hozempa Sydney Abigail Izakson Jillian Jadyn Jerwick Nolan Thomas Jetter Cary David Karcher Xinzhao Li John Richard Lightfine Gianna Rose Liota Francesca Logozzo Alexander Mandia Aiden Scott McCurley Zachary Chakrin Mester Sophia Elizabeth Mihalek Skyler Eve Murphy Nicole Marie Paladino Julainy Peralta Calderon Alelia Chevenne Pettus Brooke Irene Pileggi Rachel Platt Emma Grace Roesing Selena Saliby Natalia Sanchez Santiuste Jessica Nicole Schalet Aidan Warren Schmall Jack Norman Schob Margaret Jessica Schwab Anna Marie Semel Ashley Jolie Singer Brianna Grace Snavely Stella Spatola Akari Takahashi Zachary Joseph Weisenstein Jordyn Alise Whalen Zimo Yang Qiansheng Zhan

Chemistry

Gabriel Bruce Masso George Sabbaton Myhr Merrifield Robert David Nedoluha Angsara Thongchai

Cognitive Science

Sara Katherine Blanchard Sebastian Sage Gaertner Alexandria Gray Garrant Elizabeth C. Ingraham Arielle Freya Janger Preeti Krishnamoorthy Shuang Lin Virginia Kaye McMahon Cindy Tran Emily Morgan Wegrzyn Chunliang Yang

Computer Science

Udita Agarwal Papa Kofi Asibuo Paolo Antonio Bartolucci Ayon Bhowmick Sydney Grace Carlson Na Chen Alexander Augustine Clawthorne Alexander Bass Clevenger Isabella Ayumi Hudson Jack Woodrow Keane Carolyn Anne O'Connor Junyi Pan Erick Tepan Anh Duc Pham Vu Yuyang Wu Jiecheng Yao Sunny You Ryan Zheng

Earth and Environmental Science

Violette Susan Bonvallet Ethan Thomas Davis Matthew Weaver Fisher Margaret Ann McLaughlin Olivia Dale Memeger Julia Maren Stevens Philip Timothy Stevens

Economics

Chenrui Deng Emma Elizabeth Gray Carina Eiric Kelly Ben Murphy-Schmehl Jeremy Neuman Raecke Jingkai Ren Zhongjie Wu

Mathematics

Sera Agostinelli Sebastian Chavarro Michael Thomas Fitzgerald Jada Lee Gonzalez Emma Elizabeth Gray Joshua Evan Lentz Ruonan Li Zhaochen Li Cameron Arthur MacMahon Dominic Johann Parolin Hanqing Qi Jeremy Neuman Raecke Yuquan Edward Sun Jinyi Xu

Molecular Biology

Rose Elizabeth Denommee Alexander P. Efelis Rachael Marie Harrower Lillian Grace Matz Maxwell Alexander Pace Lauren Elise Shebby Mason Hayden Shepard Aidan Singer Alessandra Allegro Wade

Physics

Donald Charles Cory III Mary Elisabeth Hoffmann Daniel Aidan Huffman Andrew David Koerner Amondo Russell Lemmon Wenhao Qin

Psychology

Sophia Angelina Roberta Eugena Barton Catherine Jane Droogan Sydney Abigail Izakson Alana Marie Kravitz Leyan Li Destiny Aly Nevarez Daphne Noemi Ochoa Hernandez Lindsey Mikhaela Ripp Jordyn Alexa Rosenblatt Ren Shuo Thomas James Stoughton Ariana Amia Velez Gregg Austin Vitiello Serena Wang Cameron Elizabeth Wylie

Statistics

William F Maghak Yue Yu

College of Business

Candidates were presented by Georgette Chapman Phillips, the Kevin L. Clayton '84 '13P and Lisa A. Clayton '13P Dean of the college.

DOCTORAL DEGREES

Ilya Sergeevich Kukaev Ph.D. – Economics *Essays on Job Search and Labor Markets*

Siyuan Lin Ph.D. – Economics Three Essays on Labor and Health Economics

Nawar Nayeem Ph.D. – Economics Three Essays in Applied Microeconomics

Kai–Teh Tzeng Ph.D. – Economics Three Essays on Applied Microeconomics

Yizhao Wang Ph.D. – Economics *Three Essays in Microeconomics*

Bingjin Xue Ph.D. – Economics *Essays in Health Economics – Habit Formation and Physician Referral*

MASTER'S DEGREES

Kelley Lawson Allen M.B.A. – Business Administration

Jason Troy Avromov M.B.A. – Supply Chain Management

Charlemagne B. Balane Jr. M.B.A. – Project Management

Dhivya Balasubramanian M.B.A. – Business Analytics

Brian Douglas Beck M.B.A. – Business Administration **Ethan Daniel Behar** M.S. – Management

Jamie Rachel Behar M.S. – Management

Rohil Harish Bhingarde M.S. – Business Analytics

Keith Patrick Blankenship M.B.A. – Business Administration

Madalyn Jane Blomkvist M.S. – Business Analytics

Thomas Bayard Boden Jr. M.B.A. – Corporate Entrepreneurship

Nicholas Charles Brown M.B.A. – Marketing

Michael J. Buonanno M.B.A. – Business Administration

Natalia Butzke M.B.A. – Business Administration

Yu Han Chang M.S. – Business Analytics

Haobo Chen M.S. – Applied Economics

Haolai Chen M.B.A. – Business Analytics

Jiaxin Chen M.S. – Business Analytics

Roulu Chen M.S. – Applied Economics

Xiuyuan Chen M.S. – Applied Economics

Tianyi Cheng M.S. – Management **Ron M. Chipman** M.B.A. – Business Administration

Regina Amelinda Christy M.S. – Business Analytics M.S. – Management

Ryan Scott Clark M.B.A. – Business Administration

Kora Strohecker Clauser M.B.A. – Business Administration

Dean Lewis Colton M.S. – Management

Sara R. Coyle M.S. – Applied Economics

Serwaah Cudjoe M.B.A. – Business Administration

Priyadarshini Danda M.S. – Business Analytics

Sagar Dave M.B.A. – Business Analytics

Salvatore DeGrazio M.B.A. – Business Administration

Patricia J. Denicola M.B.A. – Business Administration

Amanda Dunbar M.B.A. – Project Management

Emma Parrish Eberhardt M.S. – Management

Michael Failla M.B.A. – Business Administration

Alexander C. Fenker M.B.A. – Business Administration

Andrew Leh Fetterman M.B.A. – Business Administration Liam Edward Fogarty M.B.A. – Business Administration

Colin Douglas Fowler M.S. – Management

Kyle Anthony Freda M.B.A. – Finance

Casandra Elizabeth Fritzsche M.B.A. – Business Administration

Mingyuan Gao M.S. – Applied Economics

Shuai Gao M.S. – Business Analytics

Pedro Miguel Garza Letona M.B.A. – Business Analytics

Matthew Daniel Geary M.B.A. – Business Administration

Peter David Geist M.B.A. – Business Administration

Shimrit Gerstein M.B.A. – Business Analytics

Beau Glover M.B.A. – Business Administration

Sierra N. Griffiths M.B.A. – Project Management

Jonathan Waite Hackett M.B.A. – Corporate Entrepreneurship

Sarah Elizabeth Hardy M.S. – Business Analytics

Katherine Forest Michaels Harger M.B.A. – Business Administration

Shannon Marie Hartley M.B.A. – Corporate Entrepreneurship Justin M. Hawk M.B.A. – Business Administration

Kelly He M.S. – Management

Judy Anne Heft M.B.A. – Supply Chain Management

Raymond Patrick Hencken M.B.A. – Supply Chain Management

Aiser Ukuemande Ernesto Hucui M.B.A. – Business Analytics

Diem Phuong Ha Huynh M.S. – Management

Munjal Bharat Joshi M.B.A. – Business Analytics

Ibrokhim Karimov M.B.A. – Business Analytics

Michelle Ann Keller M.B.A. – Business Administration

David Barry Kendall M.B.A. – Business Administration

Marc LeDrappier M.B.A. – Finance

Nathan Lepore M.B.A. – Business Administration

Lingman Li M.S. – Applied Economics

Marissa Rose Liberti M.S. – Management

Yang Liu M.B.A. – Business Analytics

Ra'iatea Lohe M.B.A. – Business Administration

Yang Lu M.S. – Business Analytics **Yilin Lu** M.B.A. – Business Analytics

Yusen Lu M.S. – Applied Economics

Austin Thomas Madrzyk M.B.A. – Business Analytics

Daria Malinowska M.B.A. – Project Management

Anil Jiwan Mall M.B.A. – Business Analytics

Jawahar Maran M.B.A. – Business Analytics

Daniel Marjoncu M.B.A. – Supply Chain Management

Cassandra M. Marte M.S. – Business Analytics

Ryan James McDonough M.B.A. – Business Administration

Daniel Patrick McGuriman M.B.A. – Finance

Sabrina Melhem M.B.A. – Business Administration

Timothy William Miller M.B.A. – Business Administration

Kyung W. Min M.B.A. – Corporate Entrepreneurship

Michael John Mooney M.B.A. – Project Management

Andrew Mound M.B.A. – Business Administration

Islamiyyah Modupe Mumuney M.B.A. – Business Analytics

Gary Michael Nelson M.B.A. – Business Administration

College of Business

Aakash Niraula M.B.A. – Business Analytics

Jie Ou M.S. – Business Analytics

Manushree Devendra Patankar M.S. – Business Analytics

Kishan Patel M.B.A. – Business Administration

Olivia Josephine Perrone M.S. – Management

Mackenzie Coffey Porter M.S. – Business Analytics

Joshua L. Prywes M.B.A. – Business Administration

Cheryl T. Qin M.S. – Management

Liyang Qiu M.S. – Applied Economics

Ana Quintana Solís M.B.A. – Business Administration

Sanchita Sharad Rane M.S. – Business Analytics

Duo Ren M.B.A. – Business Analytics

Erin Annette Reph M.B.A. – Project Management

Rachel Roseman M.B.A. – Business Analytics

Purnima Anuththara Ruberu M.B.A. – Business Administration

Marc Aaron Rubin M.S. – Applied Economics

Jonathan S. Rufe M.B.A. – Business Administration **Gabriela Renata Ruiz–Leonard** M.B.A. – Corporate Entrepreneurship

Hajer Mahamat Sabil M.S. – Management

Umidjon Saidkhujaev M.B.A. – Business Analytics

Marisa Reo Scurato M.B.A. – Marketing

Derek James Selobyt M.B.A. – Supply Chain Management

Thomas Darryl Smeltzer M.B.A. – Business Administration

Colten Thomas Smith M.S. – Business Analytics

Simon Friis Soendergaard M.S. – Business Analytics

Brian Austin Stafford M.B.A. – Business Administration

Zaharo Candi Staurinos M.B.A. – Business Administration

Julian Micah Still M.B.A. – Business Administration

Jiawen Sun M.B.A. – Business Analytics

Michael Stephen Swanson M.B.A. – Business Administration

Shesar Noor Syahbana M.B.A. – Business Analytics

Yifu Tang M.S. – Applied Economics

Robert James Tsikalas II M.B.A. – Supply Chain Management

Thomas Uhlman M.B.A. – Business Administration **Jensen Rose Vieczorek** M.B.A. – Business Analytics

Mary Viegas M.B.A. – Project Management

Rebecca Adelerose Wagner M.B.A. – Business Analytics

Amanda Dagny Waite M.B.A. – Business Administration

Emily C. Walczyk M.B.A. – Project Management

Jiamin Wang M.S. – Business Analytics

Yisen Wang M.S. – Applied Economics

Zhuohao Wang M.S. – Management

Zhuowei Wang M.S. – Applied Economics

Christopher Robert White M.B.A. – Business Administration

Patrick James Williams M.S. – Business Analytics

Xiaodong Wu M.S. – Applied Economics

Yunzi Wu M.B.A. – Business Analytics

Senhao Xiong M.S. – Business Analytics

Chunxiao Xu M.S. – Management

Dong Yan M.B.A. – Supply Chain Management

Jiaqi Yan M.S. – Applied Economics **Fengyi Yang** M.S. – Management

Jingyao Yang M.S. – Business Analytics

Ze Yu M.S. – Business Analytics

Erhao Zhang M.S. – Applied Economics

Yanting Zhang M.S. – Business Analytics

Zhou Zhang M.S. – Management

Xiaoshan Zhou M.S. – Business Analytics

Xingtong Zhou M.S. – Business Analytics

Zheyu Zhu M.S. – Business Analytics

BACHELOR OF SCIENCE DEGREES

Accounting

Matthew Christopher Alexander Anthony Alexandrov Rishithrohan Bhargaya Bapatla Eli Boyd Brennan Patrick John Brennan Julia Theresa Byrnes Sophia Rose Cakolli John Scott Coleman Alexander Sagar Damle Justin R. Doh Wendie Beth Fisher Casey Elizabeth Gannon Siqi He Trevor William Hempstead Christian Joseph Hiel Alexandra Nicole Hite

Max Oliver Jaenike Eric Anthony Johnson Jr. Ryan Kahwaty Haley Lynn Klein Jason Vaughn Kopito Robert Canavan Lapsley Huachen Liang Carmen Joseph Liuzza III Addison Price Marshall Julia M. McConekey Leighanna Marie Moskos Ziang Qiu Lucas Kennedy Rich Adam Stone Rothstein Sahibdip Saini Kaeson Styles Sandhu Andrew Michael SantaMaria Isaac Owen Stahl Sarah E. Starr Patrick Miklos Wise Zhongjie Wu Amy Elizabeth Zage Zhenquan Zhuang

Business Analytics Saad Aftab Chenxi Cao Nuovan Cao Jiaqi Cheng Lucas Adrian Edmonds Christopher Jeffy Jong Hans Joseph Masch Thomas McDade Elizabeth Ann Metzler Conor James Monahan Juan Mozos Nieto Peter Gordon Owens Akshan Rai Yiran Ren Xuehan Sang Taylor Brian Sheridan Zachary Alexander Stern Yunging Sun Christian Phillip Tackett Derrick Tola Um Sikai Wang Sz-Je Wang James Zhang

Ziyu Zhou Huiran Zhu

Business Information Systems

Mary Elizabeth Bartiromo Edmund M. Broderick Karina Chen Matthew James Connors Joshua S. Feinstein Rose Joline Genstein Benjamin Luke Kim Nicholas Koca Lesly Giselle Montano Garcia Obosa Ogbeide Yifei Tian Anna Luisa Valadao Defaria Emma Grace Visioli Jason Tyler Wehran Yaowen Zhang

Economics

Daniel Edward Croll Armin Hartmut Dubert Olivia Marie Emma Boniface Mwangangi Kyalo Matthew Alexander Pariser Maxwell Samuel Pasternack William M. Shin Christina Re Yakaboski

Finance

Charlie Henry Aberle Andrew Michael Alikakos Theodore William Amo Thomas Newton Armstrong V Chenyi Bao Lucas Shane Bennett Madison Elaina Bershefsky Emma Elisabeth Boratto Daniel Joseph Brecht Matthew John Brock Colby Winston Brookfield Julian Nathan Brooks Mark Christopher Bucchino Conner Steven Calzone John Langan Campito Andrew J. Carrier Ryan Nicholas Chang

College of Business

Burke Williams Chebuhar Darren Chen Yilin Chen Terrence Sul-Gee Chun Scott William Cole Aidan Taylor Collins Cole Robert Corkran Miles Crawford Cox Kevin Daniel Cozzolino William Peter Cuddeback Carley Marie Cumba Nicholas Cundey Arlan James Dawdy Gina Marie DeAngelis Evan Anthony DeBlase Aidan Scott Decker Zachary Myers DeLone Michael John DeNucci William Stephen Deskey Timothy Peter DiPalo Jack Steven DiPietro Ryan Addison Drum Jack Sullivan Edelman Caroline Quinn Egg-Krings Stephanie Franolich Eliseo Zachary Daniel Fantini Michael Christopher Fassert II Daniel Fernandez Peter Henry Firestone **Cillian Paul Fisher** Avery Denton Fitz John Fleming Luca Florida Luca Parsa Fontaine Justin Todd Fraser Charles Joseph Furtaw Elizabeth Lynette Geyer Joshua Aron Goldstein Margaret Anne Gosnear Grayson William Graham Sean Gerard Grant Michael David Grekoski George Thomas Hadfield Christopher Thomas Hanlon Gunnar Charles Hanson Trevor Shaun Harris Mostafa Helal Andrew Thomas Held

Reghan Lynn Hesser Rachel Faustina Houser Damon Ronald Hsu Dylan Garrett Huff Dane M. Ishibashi Anthony Vincent Izzo Yuhao Ji Meghan Kelly William Joseph Kelly Connor Matthew Kennedy Sean Joseph Kilrain Ho Jae Kim Jack William Kinsey Alexander Harrison Kline Remie Megan Lamkin Jimmy Lee Zachary Floyd Lee Yihang Li Lanxin Lin Ian Maxwell Lissack Jacob Henry Logan **Timothy Lunger** Lindsay Olsen MacLellan Julia Anne Mancuso Christopher James Marina Jermaine Jamal Marshall Harrison Scott Mason Sophia Anne Meagher Annerose Metaxas Eitan Mirovski Tanner Michael Moore Tristan William Moore Andrew Robert Morse Achilles John Mouzakis Fiona Mulla Jack Michael Narducci Andrew Christopher Nole Grace Elizabeth Nonnon Isabelle Reese O'Brien Caroline Mary O'Neill Erin Elizabeth O'Shaughnessy Jeremy Matthew Oblon Sarah Okunseri John Patrick Palazzolo Sang Jin Park Alexander James Patti Dante Perri Nicholas Matthew Petrella

Jack Benjamin Pinsly Dominic Hunter Puglisi Justin Thomas Reed Kyle Jacob Reiss Nolan William Roberts Megan Christine Robinson Ana Yuritzy Roman Rosales Christopher Joseph Romano Spencer Evan Rose Omar Safwat Jayshen Saigal Anik Saluja Elena Anne Schoen Matthew Logan Schoonmaker Cole Alexander Schubert Keila Grace Seelev Sam Morgan Segal Michael Joseph Sesko Sumay Sachin Sethi Joshua Samuel Shapiro Suhyun Shim Harry M. Shmerler Isiah Darrin Simon Joshua Levi Simon Cotter Anderson Smart Abigail Elizabeth Sowa Bora Ege Soybas Luke Xavier Strauss Antara Sukumar Tyler Harry Sung Michael Campbell Sunshine Sophia Marie Taverna John Thomas Thistle Ryan Wayne Thomas Kelsey Margaret Thompson Teddy Cooper Tolliver Dean Anthony Tortora Jack Parker Towsen Jonathan L. Trzaska Amel Leigh Vernon Jonah Elias Viroslav Yuan Wang Lauren Mary Way Declan Micheal Weeda Jack Edwin Weisenberger Alexander Charles Weissman Joseph James Lee Wentworth Sean Caleb Werfel

Andrew Lea White Jackson Clifford Wiles Lexa Ray Winigrad Sydney Jane Wolfe Jinyi Xu Katelyn Rose Young Tyler Gregory Young Rebecca Megan Zamsky Alejandro Gabriel Zayas Enzo Gregory Zechiel

Management

Karim Robert Jude Al-Kouraishi Alyssa Marie Albano Elizabeth Maria Caracciolo Caleb P. Claywell Arianna Maria Costello Lucianna M. Farro Angel Fernandez Hernandez Ciara Gallagher Gaige Michael Garcia Eliot Choliya Gunawardana Nathan Frederick Haubert David Matthew Heifetz William Wolfgang Holtby Daniel M. Hubert Gabrielle Emma Kesh John Cooper Ketsdever Julia R. Kirkpatrick Benjina Darly Laurent Alex Kylie Damm-Loring Eliana Jane Morano Kaleb Anthony Mucius Taylor Brooke Nemet Roberto Alexander Pabón David Axel Rawley Devari James Robinson Sam Sheng Abigail Karina Silva Alina Reneé Smith Jessica Sadie Tauber Leo Alexander van Duren Lylah Nichelle Washington Robert Scobey Wynn

Marketing

Arianna Illene Bloss Lauren K. Chin Francisco Javier Coll De San Simon III Julia Morgan Davis Gibson Anne DiCenso Madeline Elizabeth Dorish Isabella Ann Egizio McKenna Christian Flanary Emma Catherine Flinchbaugh Brandon Matthew Freidl Arthur Gilpin Carly Rose Green Jenna Nicole Green Yufeng Guo Benjamin Hoyt Xinran Ariel Huang Rhea Jadhav Dave C. Jasmin Elen Mary Karagulian **Emily Sarah Levine** Andrew Philip Luhmann Matthew Gilbert Mahland Sarah Ruby McCall Kelly Marie McCallister Sean A. McCann Colin Joseph McMahon Juan Marco Montano Lauren Isabelle Muscarelle Ashley Jo Nelson Paige Olivia Nemet Maxim N. Nikolov Julia Myung Hee Pak Danielle Eve Prekop Max Michael Reznik Ryan Matthew Rosenberg David Vincent Ruiz Lola Allegra Samiian Thomas Daniel Santiago Abigail Ava Schneider Henry Raef Shapiro Noelle Marguerite Szabo Alexis Victoria Temos Ophelia Thompson Isra Younas Tiffany Zhu Paige Lee Zimmerman

Supply Chain Management

Benjamin Liam Banks-Altekruse Reva Goel Bhatnagar Victoria Anne Evola Vincent Anthony Grados Russell Andrew Grady Thomas Patrick Griffith David Hinkle Christian Burns Jablonski Daisy Denise Lopez Sophia Rebecca Luttrell Joseph Paul Marsteller Iohn Mercadante IV Nicholas Alexander Moshos Andrew Lewis Mottram Benjamin Walker Murphy Karina Alise Roze Arin Sang Lauren Elizabeth Schell Samuel J. Sheridan Lotte Hannah Smorenburg Giacomo Marcello Spasiano Erica Corinne Steele Ryder Cabell Strawn Austin Paul Tarpey Mina Turkyolu

College of Education

Candidates were presented by William Gaudelli, dean of the college.

DOCTORAL DEGREES

Sara Beachy

Ph.D. – Counseling Psychology White Rural Men and Guns: Testing an Integrated Coping Model for Protective Gun Ownership with Stress Appraisal Theories

Nisha Ketan Bhatt

Ph.D. – Counseling Psychology Perceptions of Own and Others' Skin Tones, Colorism, Ethnic Identity with South Asian American Emerging Adults

Jaclin Alise Boorse

Ph.D. – School Psychology Examining the Relationship between Reading and Math: Within-Year Growth on Star Assessments

Anastasia Emma Canell

Ph.D. – Counseling Psychology Caregiving for Older Adults During Emerging Adulthood: The Relationship Between Caregiver Identity and Caregiver Distress

Rui Chen

Ph.D. – Special Education Social–Media Based Social Skill and Safety Skill Intervention for Autistic Adults

Megan Cook

Ph.D. – School Psychology Resilience Against Risk: Strengths– Based Protective Factors Promote Academic Success in Elementary Students

Marli Rhen Corbett

Ph.D. – Counseling Psychology Beyond Birds and Bees: Using the Confluence Model to Assess Comprehensive Sexuality Education as Primary Prevention for Sexual Violence Outcomes

Chenchen Dai

Ph.D. – Counseling Psychology A Multi–Systemic, Person-Centered Analysis of Maternal Stress Physiology in Relation to Maternal Sensitivity in the Context of Infant Distress

Lisa A. Grossbauer

Ph.D. – Teaching Learning and Technology Calculus Gate: The Impact of Self–

Beliefs and High School Math Experience upon Performance on College Math Placement Exams

Malaïka Hannah–Charlie Gutekunst

Ph.D. – Counseling Psychology On Being a Mother Teacher: A Mixed– Methods Analysis Examining

Experiences of Mother Teachers during the COVID–19 Pandemic

Megan Lynn Hauser

Ed.D. – Educational Leadership The Women in the Principal's Office: A Mixed Methods Study of Principal Time Use and the Gendered Division of Household Labor

Paula Marie Jones

Ed.D. – Educational Leadership The Alignment Between Principal Perception of Fieldwork, Pennsylvania Leadership Standards, and Acting Administrator Responsibilities

Samantha Kelly

Ph.D. – Special Education Checked In or Checked Out?: A Survey Regarding Positive Behavioral Supports

Katherine Anne Koller

Ph.D. – School Psychology Examining Patterns of Early Literacy Skills Among Preschoolers Using Latent Class Growth Analysis

Dominique Juliette Levert

Ph.D. – School Psychology Ensuring Young Children Have a Head Start: Transition Practices that Link Early Childhood Education Settings

Beatriz Marie Suro Maldonado

Ph.D. – Counseling Psychology Multicultural Competence and Social Justice Advocacy on Behalf of Immigrants

Brittany Anne Reese

Ed.D. – Educational Leadership Changing Times, Changing Reputation: An Organizational History of William Allen High School, 1960-2020

Marisa Isabel Solé

Ph.D. – School Psychology US–Born, Latine Parenting Practices: Ethnic-Racial Socialization of Infants and Toddlers

Abigail Rose Voelkner

Ph.D. – Counseling Psychology The Relationship Between Awareness of Age–Related Change, Cognitive Functioning, and Psychological Well-Being of Older Adults

Caitlin Fisher Warren

Ed.D. – Educational Leadership The Evaluation of High School Mentorships and STEM Careers

Dayna Marie Younis

Ph.D. – School Psychology

School Climate and Student Motivation: Considering Student Adjustment as a Mediator

Kallie Rose Ziltz

Ph.D. – Teaching Learning and Technology

Design and Application of an Instructional Intervention for Introductory Programming Aimed to Address the Gender Gap in Computing

EDUCATIONAL SPECIALIST

Yueying He Ed.S – School Psychology

Emily Jean Hostetter Ed.S – School Psychology

Emily Catherine Ratliff Ed.S – School Psychology

MASTER'S DEGREES

Lisa Bartynski M.Ed. – Special Education

Rachel Bewick M.Ed. – Educational Leadership

Jessica Rae Billingsby M.Ed. – Educational Leadership

Jennifer Lynn Hoagland Budd M.Ed. – Educational Leadership

Brendan Andrew Burke M.S. – Instructional Technology

Lindsay Burton M.Ed. – International School Counseling

Karen S. Carolan M.S. – Instructional Technology

Stashauna Shaniek Carter M.S. – Instructional Technology

Jenna Nicole Cavaliere M.Ed. – School Counseling

Tara Charpentier M.Ed. – Educational Leadership

Xinyue Chen M.Ed. – Counseling and Human Services

Sara Lynn Christie M.Ed. – School Counseling

Chloe Conahan M.Ed. – School Counseling

Karla A. Contreras M.Ed. – Elementary Education **Jessica Cortes** M.Ed. – Educational Leadership

Celeste Davis M.Ed. – Educational Leadership

Jessica Rae Del Corso M.Ed. – Behavior Analysis

Toni Jo Derrington M.Ed. – Educational Leadership

David Joseph Dougherty M.S. – Instructional Technology

Ellen Rebecca Dittmar M.Ed. – International School Counseling

Samantha Jo DiVietro-Timberman M.S. – Instructional Technology

Emily Anne Donahoe M.Ed. – Counseling and Human Services

Alexia Skye Drey M.Ed. – Secondary Education

Amy L. Emrick M.Ed. – Educational Leadership

Kensie Shae Faldoski M.Ed. – Counseling and Human Services

Karlee Danielle Farrar M.Ed. – Educational Leadership

Chivon Ford M.Ed. – Educational Leadership

Jessica Camille Hale M.Ed. – International School Counseling

College of Education

Charles William Harakal M.Ed. – Educational Leadership

Katherine K. Hedman M.Ed. – International School Counseling

Allison Lillian Hough M.Ed. – Special Education

Wanyi Hu M.Ed. – Counseling and Human Services

Eryka Nicole Jenkins M.Ed. – Educational Leadership

Isiah Jelani Jennings M.Ed. – Educational Leadership

Seval Sherry Kanik M.Ed. – Behavior Analysis

Ayane Kitta M.Ed. – Counseling and Human Services

Alan Kline M.Ed. – Educational Leadership

Lauren Madison Kovacs M.Ed. – Special Education

Cassidy Lynn Larkin M.Ed. – Educational Leadership

Michele L. Laubach M.Ed. – Educational Leadership

Lucy Li M.Ed. – Counseling and Human Services

Polly Carson Litts M.Ed. – Elementary Education **Donald Robert Loughney III** M.S. – Instructional Technology

Benjamin Lawrence Logan M.Ed. – International School Counseling

Ricardo Mulatre Luciano M.Ed. – Educational Leadership

Kira Michelle Malatchi M.Ed. – International School Counseling

Kayla Marie Masington M.Ed. – School Counseling

Sydney Matejik M.S. – Instructional Technology

Limaris Linell Mendoza M.Ed. – Special Education

Erin Mendoza-Laude M.S. – Instructional Technology

Caroline Maria Mierzwa M.Ed. – Secondary Education

Jessie L. Miller M.S. – Instructional Technology

Thomas F. Miller M.Ed. – Educational Leadership

Furat Matta Mousa M.S. – Instructional Technology

Nadeen Moussa M.Ed. – Elementary Education

Jacqueline Sarah Musselman M.Ed. – Teaching and Learning

Renee E. Musser M.Ed. – Educational Leadership Brittany Elizabeth Orlandini M.Ed. – International School Counseling

Miki Rae Ostrofsky M.Ed. – Special Education

Paula Lindley Padilla M.Ed. – Special Education

Zarana Keval Patel M.Ed. – Behavior Analysis

Michelle P. Peralta M.Ed. – Educational Leadership

Joshua Dylan Reznik M.Ed. – Special Education

Paige Ashleigh Rockhill M.Ed. – Counseling and Human Services

Evan Joubert Rush M.Ed. – International School Counseling

Gloria Saah M.S. – Instructional Technology

Mirna Sabbagh M.Ed. – Special Education

Christine Florence Samuel– Maynard M.Ed. – Educational Leadership

Shannon Kay Schaffroth M.Ed. – Teaching and Learning

Gabrielle Daley Schneider M.Ed. – Behavior Analysis

Raven Jay Shellman M.Ed. – Special Education **Ryelle Ashley Shuey** M.Ed. – Secondary Education

Sonya Lee Sigley M.Ed. – Educational Leadership

Kristen Jensen Simonds M.Ed. – Teaching and Learning

Kiera Scarlett Smith M.Ed. – Elementary Education

Catherine Sarah Spellman M.Ed. – Secondary Education

Kimberly Louise Spiegel M.Ed. – Educational Leadership

Jill Renee Stubbs M.Ed. – Educational Leadership

Ryan Thomas Sullivan M.Ed. – Elementary Education

Tabatha Szivos M.Ed. – Special Education

Michelle Alexandra Tasker M.Ed. – Educational Leadership

Alexa Barbara Ann Trevorah M.Ed. – Educational Leadership Samantha Ioanna Trikeriotis M.Ed. – Counseling and Human Services

Aubrey Baird Tucker M.Ed. – Counseling and Human Services

Jenele Irene Vadelund M.Ed. – Special Education

Olivia Rose Valenta M.Ed. – Secondary Education

Lucas David VanEmburg M.S. – Instructional Technology

Juliana Bento Pasqual Viola M.Ed. – International School Counseling

Emily Grace Vollrath M.Ed. – Behavior Analysis

Shjon Daniel Watlington M.Ed. – Behavior Analysis

Kaylee Amelia Wilson M.Ed. – School Counseling **Tyler Elizabeth Wilson** M.Ed. – School Counseling

Qimeng Yin M.Ed. – Counseling and Human Services

Nada Younies M.Ed. – Counseling and Human Services

Brooke Amber Zigmund M.Ed. – Educational Leadership

Anna Grace Zink M.Ed. – Elementary Education

P.C. Rossin College of Engineering and Applied Science

Candidates were presented by Stephen P. DeWeerth, dean of the college.

DOCTORAL DEGREES

Faisal Jamaan S. Alzahrani

Ph.D. – Mechanical Engineering An Investigation of The Effect of Rheo-Printing Technology on Big Area Additive Manufacturing Advisor: John Coulter

Michael Obeng Annor

Ph.D. – Materials Science and Engineering PWHT-Free Cast Stainless Steels

Jaber Mohammed Asiri

Ph.D. – Mechanical Engineering Computational Study of Seawater Desalination Using Hollow Fiber Direct Contact Membrane Distillation

Brandon Richard Augustino

Ph.D. – Industrial and Systems Engineering Quantum Algorithms for Symmetric Cones Advisor: Luis Zuluaga

Suraj Bastola

Ph.D. – Bioengineering Functional Nano-Drug Conjugates for Wall Repair in Abdominal Aortic Aneurysms Advisor: Anand Ramamurthi

Aren Sercan Boyaci

Ph.D. – Mechanical Engineering Phase Transitions of Rayleigh-Taylor Instability in Elastic-Plastic Soft Materials

Mari-Therese Suzanne Burton

Ph.D. – Materials Science and Engineering Mechanism-Informed Design of Complex Nanocrystalline Nickel Alloys for Enhanced Hardness Advisor: Helen Chan

Justin Graeme Caspar

Ph.D. – Mechanical Engineering Characterizing Performance Enhancements in Vacuum Membrane Distillation using Computational Methods Advisor: Alparslan Oztekin

Huansheng Chen

Ph.D. – Mechanical Engineering Noise generation of graded poroelastic edges from vortex rings

Md. Istiaque Chowdhury

Ph.D. – Materials Science and Engineering Exploring the Synthesis – Structure – Property Relationship of Inorganic

Nitride and Oxide Thin Films

Joseph P. Cline

Ph.D. – Materials Science and Engineering Electron Microscopy Characterization of Chalcogenide Based Quantum Dots Prepared via Low Temperature, Aqueous Phase Synthesis Routes

Yutong Dai

Ph.D. – Industrial and Systems Engineering Structured Sparse Optimization Advisor: Daniel Robinson

Simran Dayal

Ph.D. – Bioengineering Investigating the Role of Epidermal Growth Factor Receptor in Abdominal Aortic Aneurysms Advisor: Anand Ramamurthi

Hao Dong

Ph.D. – Chemical Engineering Controlling Lubricated Sliding Friction for Soft Solids

Ramin Fakhimi

Ph.D. – Industrial and Systems Engineering Advances in Discrete Optimization: from Truss Design Optimization to Quantum Computing Optimization Advisor: Tamas Terlaky

Morgan Fine-Morris

Ph.D. – Computer Science Learning Planning Knowledge in Structured Domains with Numeric Fluents

Jinghui Gao

Ph.D. – Chemical Engineering Modulated light transmission via magneto-responsive Janus particle chains

Jordan Lucas Greenland

Ph.D. – Polymer Science and Engineering

Poly (Lactic Acid) Modification to Impart Toughening and Enhance Biodegradation: Elucidation of Mechanisms

Tianjun Han

Ph.D. – Mechanical Engineering Advancing High-Performance Bio-Inspired Propulsion: Investigating the Physics of Non-Uniform Flexibility, Unsteady Ground Effect, and Schooling Interactions

Mark Augustus Herndon Jr.

Ph.D. – Mechanical Engineering Analytical and Computational Analysis of Perturbed Finite-Core Trailing Vortices Including Transient Ground Effect

Seonghan Kim

Ph.D. – Bioengineering Computational Studies of Biological Systems and Nanomaterials and Their Applications Advisor: Wonpil Im

David Stewart Lee

Ph.D. – Mechanical Engineering On Wake Interactions Between Thrust and Drag Producing Bodies

Bian Li

Ph.D. – Industrial and Systems Engineering Koopman Operator Based Numerical Methods and Neural Network Based Models for Differential Equations Advisor: Xiu Yang

Kangye Li

Ph.D. – Industrial and Systems Engineering Inventory Management for Supply Chains with Uncertainty Advisor: Lawrence Snyder

Guangyi Liu

Ph.D. – Mechanical Engineering Towards Safe Learning and Perceptionbased Networked Control Systems: A Risk-aware Approach

Connor Patrick McNamara

Ph.D. – Materials Science and Engineering *Kinetic Modeling of Solid-State Reaction Synthesis of Single Crystals*

Shira Molly Morosohk

Ph.D. – Mechanical Engineering Enhanced Plasma Profile Estimation and Control in Tokamaks via Machine Learning

Evan John Musterman

Ph.D. – Materials Science and Engineering The structure, formation, and growth dynamics of the lattice of single crystal in glass

Pedro Costa Ormonde

Ph.D. – Mechanical Engineering Hydrodynamics of Schooling: Stability and Performance of Oscillatory Swimmers at High Reynolds Numbers

Ratul Paul

Ph.D. – Mechanical Engineering Image Guided Intelligent In-Situ Microfabrication

Christopher Ruhl

Ph.D. – Mechanical Engineering Towards Creating a Laboratory Twin High-Energy Tidal Sites

Soheila Sadeghi Eshkevari

Ph.D. – Structural Engineering Artificial Intelligence-Aided Strategies for Structural Health Monitoring and Control

Abhinay Soanker

Ph.D. – Mechanical Engineering Numerical Modeling and Performance Evaluation of Solar Concentrator Systems with Integrated Latent Heat Energy Storage for Desalination Applications

John W. Tolbert

Ph.D. – Polymer Science and Engineering Investigating and Controlling the Mechanical Properties of Solvent-Cast Constructs for Tunable Biomaterial Scaffolds Advisor: Lesley Chow

Vamseedhara Vemuri

Ph.D. – Materials Science and Engineering Developing Al and Hf Based Hybrid Molecular and Atomic Layer Deposited Films for Low-k Etch Stop Applications Advisor: Nicholas Strandwitz

Shen Wang

Ph.D. – Mechanical Engineering Deep Learning in Label-free Cell Sorting and Numerical Simulation with Reduced Training Data

Shen Wang

Ph.D. – Mechanical Engineering On the Inelastic Response of Materials,

Structures, and Composite Systems: Numerical and Experimental Studies in Cyclic Plasticity and Hypoplasticity

Shuoyu Wang

Ph.D. – Structural Engineering Sensible thermal energy storage in concrete media

Xingjian Wang

Ph.D. – Structural Engineering Particle-Bed 3D Printing by Selective Binder Activation and Topology Optimization with Genetic Algorithms

Meishan Wu

Ph.D. – Chemical Engineering Development of Antibiotic-Encapsulated Escherichia Coli Outer Membrane Vesicles as Novel Antibiotic Agent to Overcome Resistance Mechanism Advisor: Angela Brown

Yue Wu

Ph.D. – Bioengineering Microfluidic Engineering of On-Chip Vascular Models for Preclinical Biomedical Investigation Advisor: Yaling Liu

Emad Mohammad Yaghmour

Ph.D. – Structural Engineering

Developing a Cold Thermal Energy Storage System (CTESS) by Using Phase Change Material (PCM) Encapsulated in Previous Concrete (PC)

P.C. Rossin College of Engineering and Applied Science

Lida Yan

Ph.D. – Mechanical Engineering Enhancement of Dry Cooling Systems through the Integration of CaCl2 ·6H2O-based Latent Heat Cold Storage

Weihang Yuan Ph.D. – Computer Science Learning Hierarchical Knowledge: Formal Grammar Analysis and Task Modifiers Advisor: Lifang He

Jiaorui Zhang Ph.D. – Civil Engineering Exploring the Food-Energy-Water Nexus: Insights from Co-evolution in Coupled Natural-Human Systems

Muqing Zheng Ph.D. – Industrial and Systems Engineering *Quantum Algorithm Implementations*

and a Classical Look on Quantum Error Mitigation Advisor: Xiu Yang

Boyang Zhou Ph.D. – Computer Engineering A Cloud-Edge Collaboration Approach to Drone Cyber-Physical Systems Advisor: Zhiyuan Yan

MASTER'S DEGREES

Mehrnoosh Afshang M.S. – Chemical Engineering

Mohammad Basit Akram M.S. – Mechanical Engineering

Khulood Waleed Al-sakkaf M.S. – Materials Science and Engineering Richard H. Ariton M.Eng. – Biological Chemical Engineering

Grant Austin Armstrong M.S. – Data Science

Alexander Vila Arteaga M.S. – Bioengineering

Aayush Bansal M.S. – Structural Engineering

Juwan Joseph Wayne Barker M.S. – Mechanical Engineering

Cole Marcus Beckerman M.Eng. – Technical Entrepreneurship

Abraham Levi Berlin M.S. – Computer Science

Emily Lou Brent Fulps M.Eng. – Polymer Science and Engineering

Kayla Chantel Brignac M.S. – Polymer Science and Engineering

Ely Brown M.S. – Materials Science and Engineering

Max Frédérick Brown M.S. – Structural Engineering

Kevin Patrick Callahan M.S. – Bioengineering

Ami Lynne Canale M.Eng. – Structural Engineering

Megan K. Carroll M.Eng. – Technical Entrepreneurship

Jhansi Priya Challagundla M.S. – Computer Engineering **Nikita Ramakant Chaudhari** M.S. – Computer Science

Md. Istiaque Chowdhury M.S. – Materials Science and Engineering

Bradley Clemson M.S. – Mechanical Engineering

Michael Domenick Costantino M.S. – Mechanical Engineering

Shaun P. Coulter M.S. – Mechanical Engineering

Gabriel Crouthamel M.S. – Mechanical Engineering

Chanel D'Angelo M.Eng. – Biological Chemical Engineering

Aishwrya Sagar Dandgawhal M.Eng. – Industrial and Systems Engineering

Kristine Nicole Davis M.Eng. – Polymer Science and Engineering

Gabriella Laura Degis M.Eng. – Structural Engineering

Kieran Richard Dempsey M.S. – Chemical Engineering

Megan Michelle Derwich M.Eng. – Polymer Science and Engineering

Geng Dong M.S. – Computer Science

Yash Hemant Doshi M.S. – Polymer Science and Engineering

Farrah Ashraf Elhefnawy M.Eng. – Healthcare Systems Engineering Sara S. Elias M.Eng. – Healthcare Systems Engineering

Cassandra Grace Farrell M.Eng. – Technical Entrepreneurship

Shujing Feng M.S. – Computer Science

Sean Matthew Fenoff M.S. – Data Science

Luca Scott Frinzi M.Eng. – Technical Entrepreneurship

Justin Bartholomew Galinski M.S. – Environmental Engineering

Maurice Vincent Gans M.Eng. – Energy Systems Engineering

Tianyu Gao M.S. – Electrical Engineering

Jailene Garcia M.S. – Bioengineering

Caitlin Elizabeth Gee M.Eng. – Biological Chemical Engineering

Joby Glymph M.S. – Mechanical Engineering

Samuel I. Goff M.Eng. – Technical Entrepreneurship

Bryan M. Gonzalez M.S. – Structural Engineering

Jessica Gresko M.Eng. – Polymer Science and Engineering

Reyhan Guleryuz M.S. – Data Science

Luke Spencer Hale M.S. – Computer Science **Jacob Clifton Haller** M.S. – Polymer Science and Engineering

Marc Hamati M.S. – Data Science

Matthew David Harrison M.Eng. – Management Science and Engineering

Connor Patrick Hazlet M.Eng. – Technical Entrepreneurship

Julia Majel Helliesen M.Eng. – Industrial and Systems Engineering

Pieter McIntosh Heyn M.S. – Environmental Engineering

Xiyang Hu M.S. – Computer Science

Chenyang Huang M.Eng. – Management Science and Engineering

Ava Lauren Hudson M.Eng. – Energy Systems Engineering

Natasha Katharine Hunt M.S. – Bioengineering

David Michael Hurly M.Eng. – Technical Entrepreneurship

Kaushik Jagini M.S. – Computer Science

Hitesh Javaregowda M.S. – Structural Engineering

Peter J. Jensen M.S. – Bioengineering

Mariam Nduta Juma M.Eng. – Technical Entrepreneurship Nicholas Samuel Kosir M.Eng. – Energy Systems Engineering

Benjamin Kramer M.S. – Mechanical Engineering

Trevor John Kraws M.Eng. – Energy Systems Engineering

Anita Marie Kundu M.Eng. – Biological Chemical Engineering

Cameron Anne Laukaitis M.Eng. – Technical Entrepreneurship

Mitchell Hite Lawhead M.Eng. – Technical Entrepreneurship

Oanh Le M.S. – Polymer Science and Engineering

Yunfan Ling M.S. – Computer Science

Haibo Liu M.S. – Environmental Engineering

Runlin Liu M.S. – Mechanical Engineering

Yang Liu M.S. – Data Science

Zeyang Liu M.S. – Computer Engineering

Jacob Henry Logan M.S. – Data Science

Shirin Lotfaliani M.S. – Civil Engineering

Alison Paige Martin M.S. – Polymer Science and Engineering

P.C. Rossin College of Engineering and Applied Science

Elijah Alexander May M.S. – Mechanical Engineering

Edward A. McCarty III M.S. – Mechanical Engineering

Liam Robert McIntyre M.Eng. – Technical Entrepreneurship

Sameer R. Merchant M.S. – Electrical Engineering

Jacquelyn Miller M.Eng. – Biological Chemical Engineering

Michelle Montgomery M.S. – Polymer Science and Engineering

Andrew William Mullaghy M.S. – Chemical Engineering

Mahsa Navidirad M.S. – Materials Science and Engineering

Inayath Nelliyali M.S. – Mechanical Engineering

Chengxun Ni M.S. – Electrical Engineering

Yucheng Niu M.Eng. – Electrical Engineering

Malik Bobirovich Normuradov M.Eng. – Technical Entrepreneurship

Renee Margaret Nuzzi M.Eng. – Chemical Engineering

Thomas Charles O'Shea M.S. – Chemical Engineering

Lindsey Marie Ocheltree M.S. – Chemical Engineering **Dhvanil Patel** M.S. – Environmental Engineering

Hiral Ashok Patel M.Eng. – Industrial and Systems Engineering

Alexandria Lane Pellett M.Eng. – Biological Chemical Engineering

Jaro Pick Perera M.S. – Bioengineering

John Frederick Perri M.Eng. – Healthcare Systems Engineering

Jack Robert Peterson M.Eng. – Structural Engineering

Natapol Phetsuk M.Eng. – Healthcare Systems Engineering

Avani V. Pisapati M.S. – Bioengineering

Yesu Priyanka Kokil Podipireddy M.S. – Computer Engineering

Katherine Weimann Potter M.S. – Civil Engineering

Danielle Eve Prekop M.Eng. – Technical Entrepreneurship

Muhammad Faayez Rizwan Qureshi M.S. – Bioengineering

Juan Sebastian Ramirez Rugeles M.S. – Computer Science

William Christopher Ramundo M.S. – Computer Science **Stefani Brianna Rath** M.S. – Civil Engineering

Angela Christina Rees M.Eng. – Technical Entrepreneurship

Zachary J. Rohland M.S. – Mechanical Engineering

Alexander John Romanowski M.Eng. – Energy Systems Engineering

Taryn Lowe Ross M.Eng. – Structural Engineering

Evan John Rubin M.Eng. – Technical Entrepreneurship

Jason Spencer Russack M.S. – Environmental Engineering

Catherine S. Rymer M.S. – Mechanical Engineering

Bharath Kumar Sampath M.Eng. – Management Science and Engineering

Leonardo Santens M.S. – Mechanical Engineering

Margot Idalia Schwartz M.Eng. – Technical Entrepreneurship

Julia Aurora Sell M.Eng. – Chemical Engineering

David William Shaffer M.S. – Bioengineering

Suken Hemal Sheth M.Eng. – Industrial and Systems Engineering

Chaitali Shinde M.Eng. – Management Science and Engineering **Ana Victoria Smith** M.S. – Computer Engineering

Spencer Thomas Smith M.S. – Environmental Engineering

Mark A. Sneidman M.S. – Polymer Science and Engineering

Marcantonio Soda Jr. M.S. – Computer Science

Secil Sozuer M.Eng. – Industrial and Systems Engineering

Katherine Springsteen M.Eng. – Structural Engineering

Abhishek Srivastava M.S. – Data Science

Alicia Lynn Stein M.S. – Bioengineering

Christopher Paul Steinman M.Eng. – Mechanical Engineering

Anthony George Stianchie M.S. – Mechanical Engineering

Sowunthiva Pilar Straub M.Eng. – Healthcare Systems Engineering

Han Sun M.Eng. – Civil Engineering

Hanchi Sun M.S. – Computer Science

Yihang Sun M.Eng. – Computer Engineering

Joann Michelle Sutyak M.S. – Polymer Science and Engineering **Heng Tan** M.S. – Computer Science

Reza Valizadeh M.S. – Mechanical Engineering

Shashank Vankadari M.S. – Data Science

Bridget M. Walicki M.Eng. – Healthcare Systems Engineering

Zhen (Victor) Wan M.Eng. – Energy Systems Engineering

Heling Wang M.S. – Electrical Engineering

Zhe Wang M.S. – Electrical Engineering

Zhikai Wang M.S. – Computer Science

Paul Douglas Watkins M.S. – Mechanical Engineering

Megan E. Wilson M.Eng. – Polymer Science and Engineering

Nicole Ann Witherell M.Eng. – Structural Engineering

Tsung–Han Wu M.S. – Chemical Engineering

Ryan Kenneth Wycherley M.Eng. – Structural Engineering

Shengting Xiang M.S. – Electrical Engineering

Haoyu Xu M.Eng. – Industrial and Systems Engineering Xiuyuan Xu M.Eng. – Chemical Engineering

Xize Xu M.S. – Civil Engineering

Shilpa Yanamala M.S. – Data Science

Reilly Daniel Yankovich M.S. – Computer Science

Siqiao Yin M.Eng. – Computer Engineering

Jocelyn Yuen M.Eng. – Chemical Engineering

Abdulkarim Zahhar M.S. – Industrial and Systems Engineering

Benjamin John Zalatan M.S. – Computer Science

Bo Zhang M.Eng. – Management Science and Engineering

Cancan Zhang M.S. – Data Science

Yifan Zhang M.S. – Computer Science

Yuan Zhang M.S. – Electrical Engineering

Bingxu Zhao M.S. – Mechanical Engineering

William Robert Zielinski M.S. – Polymer Science and Engineering

Xinying Zou M.S. – Computer Science

BACHELOR OF SCIENCE DEGREES

Bioengineering

Emma Cubberley Anderson Rachel Lauren Brous Mia Ciliberti Madison Rose Cipriani Todd Andrew Cummings Allyson C. Deihl Mason A. Dolinsky Olivia Marie Doyle Isabella Kathryn Federico **Owen Reily Fitz** Jailene Garcia Albeir S. Georges Kathleen Gifford John Andrew Guthrie Emma Judith Harrington Daniel Steven Jerez Nicholas Karanikas Mackenzie LaMotteo Andrine Larsen Kamryn Maimai Li Samantha Clair Mapps Francesca Marie Morrell Jonathan Noel Quilet Musfiqur Rahman Emily Ann Randolph Fares Issa Saed Tricia Myrtelle Saint Fort Nathaniel Joseph Scalia Anjali Kamlesh Shah Anna M. Soderlund Casey Michelle Su-Morrill Victoria Rose Wagner

Chemical Engineering

Max Abraham Beutner Cayla Lital Brint Karam Chakif Nolan Michael Cremi Devin Joseph Dabagian Mia Grace Del Corso Michael Joseph DeSanto Juliana Forero Arevalo Adriana Rose Grillo Zhihao Guo Samantha Riley Haggert Douglas Jonathan Hardy Lauryn Cerila Carganilla Holgado James Edward Keaney Khadija Khan Russell Byoungjin Kim Christian Tyler Koehlerschmidt MacKenzie Snow Lambinus Bryce Marroquin Joseph David Medina Zarate Lucianna Mae Moos Ojashwi Rani Nakarmi Sarah E. Nebbia Gianna Marie Ricciardi Stephen Robert Salamone Brianna Janelle Sauder Eirinn Nicole Sikes Mia Francesca Simon Caitlin Erin Stoddard Wei Yung Tai Reed Thompson Katherine A. Verenna Sebastian Joel Zelaya

Chemistry

Nicholas M. Lima

Civil Engineering

Jonathan Howard Anderson Jeremy Baidoo Andrew John Bonan Kyra Ruth Boston Peter Joseph Braito Jr. Ryan Thomas Bruce Andrew Hyungwon Choi Philip Paul DeLise Jr. Rachel Elizabeth Estey John Ryder Henry Runfeng Lin Logan Patrick Markley Austin Thomas McCullough Peter James Misiewicz Daisy J. Remache Tyler Allen Skotch Marcus Alfredo Torres Karina Vargas Chris J. Walker Evan Austin Worth Yushun Zou

Computer Engineering

Zane Ikhanosime Aghimien Sinan A. Aksu Joseph Karmah Barbu Jr. Nicholas Morais Barros Jonah Jay Burd Ryan Francis Forelli Kamil Gjondla Owen Bosworth Ingrey Josephine Colette Koelsch Daniel Franklin Kottcamp Nicolas George Kozachuk Elizabeth Mary Klair LaRue Sophia Martino Luke Patrick McHugh Prabin Panta Ian Thomas Shovlin Kirsten Lee Sjoberg Sophie Alina Solomich Hien Nguyen Thi Christopher John Vella

Computer Science

Elyse P. Adamo Shahood Ahmad Sean Gabriel Bachman **Junchen Bao** Jordan Alexander Bautista-Lazo Kadin Edward Becker Nathaniel Rex Cable Sebastian Chavarro Ilias Chekkori Hua Jia Chen Arnav Chokshi Alexandra Nichole Chua Luke Maxwell Coolbaugh Ryanne Elizabeth Cox Kevin Charles Coxhead Phillip Henry D'Andrea Matthew Gregory Dolin Michael Dominguez Darrell Lem Edwards Jr. Fabienne Kelly Eggenschwiler Mitch Fishbein **Josiah Robert Frith** Anisha Gademsky Autumn Alexandra Hill Mark Gregory Hughes Clare Mary Jachim Max Jikharev Yiannis Alexandros Karamitros Bradley David Keiser Zeeshan Khan Ethan Samuel Lavi Karen Kaiyuan Li Chenla Long Jr.

Nicholas Todd Mentzer Edward Lee Mon William Frederick Morano III Philip Ferdinand Napoli Daniella Prado Arroyo **Jarrod** Pruitt Olivia Joy Roback Benjamin H. Schack Kunj K. Shah Yifan She Daniel An Simboli Michael Stephen Speckhart Daniel Ely Unhuryan Luke Chen Wong Micah James Worth Caden Joseph Wright Zhenyu Wu Shuangge Yang Xiaonan Yang Brandon Lucio Yee Wilson J. Zheng

Electrical Engineering

Yiting Chen Michael Arlan Cleaveland Jessica De Los Santos John Frederick Graff Eric Louis Hernandez-Vargas Michael Jack Hertzler Matthew Luke Hoffman Randell Dave Lansiquot David Jianqiang Li Benjamin Ibrahim Mobarak Nicholas Pascaretti Artur Poole Olivia May Reed Diana Shaipi Paul Charles Trezza John Eric VanderHeyden Kailun Wang Yueming Wang **Richard McCauley Williams**

Engineering Physics

David Jianqiang Li

Environmental Engineering

Vaniah Barrera Luis Daniel Bravo Isamarie Hernandez Arroyo Liam Vincent Kenneally Benjamin Gustafson Pozner Brandon Robert Stake Daniel Stipanov Abigail Hazel Tenreiro

Industrial and Systems Engineering

Irem Rana Akvildiz Trevor John Belinsky Humza Bengali Owen William Brown Riley G. Burke Brooke Elizabeth Cannon Evan Javier Chen Keith Cheung Kirkland Patrick Cobb Victoria Emily Collum Olivia Anne Cuff Patrick Anthony Daly Christopher Bryan Dorrer Gabrielle C. Effendi Robert Christian Erickson Alex Robert Fernandez Jude Ryan Ferri Lauren Alexa Fountain Michael John Grise Jr. Meghna J. Grover Jack A. Haims Brenna Olivia Hastings Matthew George Hayden Colby Henry Jones Grace Kathleen Kolbe Cameron James Lynch Mario Pietro Martino David Zachary Missry Roman Gareth Mitchell Elizabeth Anne Newport Alexandra Claire Odle George Padezanin Jordan Ryan Paul Christiana Angelique Pinette Radhika M. Rawal Ori Remen Gabriel Ernesto Rivera Cordon Olivia Regina Romano Brent Harrison Rosendorf Oren Joseph Roznitsky Claire Maria Samson Lauren Anne Schultz Justin Matthew Sweet Justin Kanglin Tan Shoshanna Remark Victor

Alexander Robert Wallace Hannah Beth Wind Zhengyang Wu Kevin S. Yang

Materials Science and Engineering

Nicholas H. M. Cheney Itzel N. Esparza Giacoman Nathan Timothy George Sarah Madison Gnall Ethan Liu-Zeyi Hendrix Juan Pablo Mendoza Morgan Leigh Pickett Kirsten Lee Sjoberg

Mechanical Engineering

William Connor Alexander Isaias Alonso Titinat Angsirikul Mikael Haile Asfaw Talia Rose Beech Isaac Cass Bell Robert Bertram Bell Joshua Nii Osai Bellon Robert Samuel Bergbaum Iulian Booraem Kent Matthew Bowers Madeline Marie Braun Luke A. Brodersen Evan Paul Broome Nicholas Dante Caiazzo Caleigh Elizabeth Cantalupo Jordan Thomas Chang Wenchuan Chu Jordan Kurt Cohen Matthew Christopher Cugliari Evan Robert Dare Andrew Joseph DeMorat Hassane Diakho Max Kendall Domaratzky Koen Emmanual Erickson Meghan Emily Feldman Michael Patrick Frank Kylie S. Frew Zemichael Damtew Gebeyehu Christopher Gerazounis Nicholas John Gewartowski Jocelyn Alejandra Gomez Nicholas Lysle Goshorn Amanda Elizabeth Greaney

Eric Eun Soo Greene William David Gregory Corey Joseph Hartranft Brian Patrick Healy William Patrick Huckins Darren Philip Huffman Ethan Truesdale Hughes Rachelle Huh Christopher Robert Hummer Alexander E. Jackson Talal Jarrah Nolan Thomas Jetter Joseph Leo Kiel Gavin W. Kocher Ryan Kong David Sparks Krawczyk Karilyn Ann Kruklitis

Daniel Israel Lader Irene Stephanie Macri Nicholas M. Madaio Maria Maragkelli Tony Mathew Sae Meh Junan Mei Todd Richard Moore Jr. John Edward Morris Kevin James Mulligan Daniel Thomas Natt Joshua Kazuki Nepo Fengxiao Peng Luis Angel Perez Galan Abigail Elizabeth Peters Aleksey Tyler Pevtsov Nicholas Lawrence Pikul Connor Jeffrey Poli Christopher James Reed Cavan Jack Reilly Sedona Grace Rocher Simon B. Rossi Ghassan Saadeh Jakob Christopher Schlosser Nicholas Michael Schorn Alexander Benjamin Silber Grant Michael Stidham Tyler Norman Thompson William Warner Tikiob Joshua Matthew Timmermans Joshua Dale Trout Jackson Healey Ward Kirk Wilson Yap

College of Health

Candidates were presented by Elizabeth A. Dolan, dean of the college.

MASTER'S DEGREES

Abigail Eliza Bryer M.S. – Population Health

Sankar Chandra Debnath M.P.H. – Public Health

Jenna Lynn Mondovich M.P.H. – Public Health

Ashley Desiree Pen M.P.H. – Public Health

Vanessa Nalini Singh M.P.H. – Public Health

Kristine Helen Tanase M.S. – Population Health

Siyu Wang M.S. – Population Health

BACHELOR OF ARTS DEGREES

Community and Global Health

Anna Davis Erickson Ellie Stratton Hoffmeister Grace Caroline Rosevear Mia Kathleen Zibello

BACHELOR OF SCIENCE DEGREES

Population Health

Catherine Ahn Caterina Aurora Black Charlene Olivia Bohrer Violette Susan Bonvallet Martha A. Bosworth Kate Lillian Brown Lucas Jack Casagrande Gabriel Xavier Caton Emma Jayne Closter Anthony Louis DeWitt Sofía Alejandra Espinoza-Hernández Dakota Feldman Elena Susan Fenster Cristian Gomez Leah Victoria Gorfinkel Haley E. Griner Jacelyn Rose Hannah Christine Narae Kwon Maxwell J. Lee Sara M. Levy Leighanna Marie Moskos Victoria Elizabeth Napier Emily Joan Newman Miranda Eileen O'Mara Kimberly Palaguachi-Lopez Adali Maillyn Rea Laura Sary Madeleine Claire Schott Ian J. Scott Esha Soni **Ryan John Stephens** Samantha Rebecca Stilp Jacqueline Andrea Vargas-Bines Jake Placido Vettoretti Jack Willard Regina Sarang Yeo

Intercollege Programs

Candidates were presented by Georgette Chapman Phillips, the Kevin L. Clayton '84 '13P and Lisa A. Clayton '13P Dean of the College of Business, and Stephen P. DeWeerth, dean of the P.C. Rossin College of Engineering and Applied Science.

MASTER'S DEGREES

Samuel Victor Black M.S.F.E. – Financial Engineering

Jared Martin Griest M.E.L.B.A. – Educational Leadership, Business Administration

Zicheng Huang M.S.F.E. – Financial Engineering

Wasti Farzan Khan M.S.F.E. – Financial Engineering

Joao Ji Won Lee M.S.F.E. – Financial Engineering

Noah Arthur Levine M.S.F.E. – Financial Engineering

Edris Lotfpouri M.S.F.E. – Financial Engineering

Samuel Mandelbraut M.S.F.E. – Financial Engineering

Oluwadara Joshua Ofulue M.S.F.E. – Financial Engineering

Haiwen Su M.S.F.E. – Financial Engineering

Asim Turk M.S.F.E. – Financial Engineering

Jingwen Yu M.S.F.E. – Financial Engineering

Zhiyan Zhu M.S.F.E. – Financial Engineering

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND BUSINESS (CSB)

Sebriya Ahmed Patrick Jae Yong Alto Naod Tewodros Asregdew Matthew Ryan Bartchak Nicholas Albert Beetel Harrison Jan William Boon Elizabeth Young Cao Alyssa Rose Caroselli Ari Moses Carp Maxwell Raphael Colen David Alonso Cornejo Leon Anushka Dania Megha Dania Henry Danon Anh Nguyen Van Dinh Simon Gajewski James Matthew Gasek Jr. Ishan Gauro Tyler Jay Grant Ryan John Green Evan David Griggs Luke Spencer Hale Asher Lewis Hamrick Nicholas August Healy Evan Anthony Jenkins Bharath Jyothi Rohan Kakkilaya Alibek Kaliyev Brendan E. Karnish Kayla Ann Kraft Steven William Kravitz Timothy Yin Lee Ethan Cole Leifer Daniel Ryan McClellan Anousha A. Mehta Michael Shawn Ngoga Sean Christian Noto James Gerald O'Brien III Andrew David Pearce Sophia Priyanka Phaltankar Adrian Michael Ross

Joel Omar Santiago Misha M. Seagull Penelope Summer Shaw Tony Shi Zachary Jacob Silberstein Aarushi Singh Abigail Patricia Vogel Jinghao Wang Zihan Wang Jesse Farley Warren V Christopher Wells Matthew Richard West Ke Xie Alison Nicole Yim Xiao Qing Yu

BACHELOR OF SCIENCE IN INTEGRATED BUSINESS AND ENGINEERING (IBE)

Accounting Jordan Elizabeth Macdonald

Bioengineering Rafael Pastor Bonner Christopher Thomas Hanlon

Business Analytics Benjamin Tyson Speyer

Chemical Engineering Nolan Michael Cremi Joseph David Medina Zarate Lucianna Mae Moos Stephen Robert Salamone

Civil Engineering Matthew Philip McChesney Austin Thomas McCullough

Computer Science Anisha Gademsky Mark Gregory Hughes Karen Kaiyuan Li

Electrical Engineering Ethan Parker Gates Richard McCauley Williams

Intercollege Programs

Finance

Trevor John Belinsky Owen William Brown Evan Javier Chen Keith Cheung Lauren Alexa Fountain Sophie Andrea Gani Michael John Grise Jr. Jack A. Haims Matthew George Hayden Cameron James Lynch Maria Maragkelli Marina Méndez Legarra Brent Harrison Rosendorf Oren Joseph Roznitsky Matthew Mark Slaski Nicholas Chester Suter

Financial Engineering

Donghang Li Leigh Anne McDermott Iglesias David Zachary Missry Kellia Nguyen Rha Wesley Overstreet Samantha Rose Powers Christopher Zhengyi Toh

Industrial and Systems Engineering

Dean Wilman Pio Bleiler George Wilson Carpenter Victoria E. Collum Patrick Anthony Daly Jude Ryan Ferri Daniel Jordan Graney Sebastian Reinhold Wick

Management

Isamarie Hernandez Arroyo

Marketing Alexander Brandon Fitzgerald

Mechanical Engineering

Ethan Truesdale Hughes Karilyn Ann Kruklitis Abigail Elizabeth Peters Simon B. Rossi Jackson Healey Ward

Supply Chain Management

Alex Dominic Liu

BACHELOR OF SCIENCE IN INTEGRATED DEGREE IN ENGINEERING, ARTS AND SCIENCES (IDEAS)

Cole Michael Becker Nicholas Henson Chiu Andy Giabao Chung Spencer Finley Duff Giavanna Marie Gast Mika Lynn Kizuka Josephine Colette Koelsch Isabel Kraus Koval Josephine Emily Krepps Lauren Grace Ledesma Christopher Meleski Emily Rose Michnowski Gianmarco Ebbe Mini La Cour Yash Patel Esteban David Procel Porras Alexandra Elisabeth Rabeno Emily Marie Schmidt Chloe Shipley Matthew Ryan Silverman **Charles Francis Tobin** John Logan Whitall Natalie Evangeline Woods William Henry Yaeger V Daria Skye Neufer Zachariassen

Academic Honors

HIGHEST HONORS

The following students received a GPA of 3.80-4.00

Jennah Abdelaziz Afiwa Flora Afandalo Shahood Ahmad Junchen Bao Samuel Kevin Barney-Gibbs Mary Elizabeth Bartiromo Lucas Shane Bennett Sarah Marissa Binday Rita Michelle Boulos Daniel Joseph Brecht Luke A. Brodersen Kate Lillian Brown Owen William Brown Ryan Thomas Bruce Sarah Jean Buckley Julia Theresa Byrnes Sophia Rose Cakolli Brooke Elizabeth Cannon Chenxi Cao Maxwell Adam Cardi Keagan Patrick Casey Andy Giabao Chung Nina Rose Cialone Jacklyn Marie Henry Clauss Emma Jayne Closter Emilie Rose Cohen Scott William Cole Casey Leigh Conboy Matthew James Connors Miles Crawford Cox Kevin Daniel Cozzolino Nolan Michael Cremi Nessia Chaya Crispe Todd Andrew Cummings Alexander Sagar Damle Evan Robert Dare Jackson August Darling Adrianne Margaret DeLaere Chenrui Deng Anh Nguyen Van Dinh Timothy Peter DiPalo Tessa Maria Dougan Olivia Marie Doyle Spencer Finley Duff Francis Adrian Elane Cyrus Parsa Elmi Ella Mary Fall Dakota Feldman Meghan Emily Feldman Alex Robert Fernandez

Marianne Grace Fernandez Peter Henry Firestone Ethan Daniel Fisher-Perez Owen Reily Fitz Emma Catherine Flinchbaugh Brandon Matthew Freidl Kylie S. Frew Josiah Robert Frith Anisha Gademsky Sebastian Sage Gaertner Madison Taylor Gale Giavanna Marie Gast Nathan Timothy George Kathleen Gifford Joshua Aron Goldstein Emma Elizabeth Gray Amanda Elizabeth Greaney Carly Rose Green William David Gregory Samantha Hope Gropper Nicole Guglielmi Luke Spencer Hale Natalie Ruth Salo Hallagan Asher Lewis Hamrick Jiu Han Rachael Marie Harrower Mostafa Helal David Hinkle Ellie Stratton Hoffmeister Lauryn Cerila Carganilla Holgado Ella Grace Holland Nessie Richard Houck Rachel Faustina Houser Isabelle Erin Hozempa Isabella Victoria Insingo Anthony Vincent Izzo Genevieve Marie Jacobson Hasan Jashari Nicholas Joseph Jones Alexandra Shea Kaplan Brendan E. Karnish Pippin Jane Katalevsky Carina Eiric Kelly Maeve Christina Kelly Juliana Nicole Kilgore Mika Lynn Kizuka Josephine Colette Koelsch Grace Kathleen Kolbe Ryan Kong Isabel Kraus Koval Nicolas George Kozachuk Josephine Emily Krepps Daniel Israel Lader Gianna Rose LaMena

Ethan Samuel Lavi Gabriella Xanthe Ledis Timothy Yin Lee Sara M. Levy David Jianqiang Li Donghang Li Hangyi Li Ian Maxwell Lissack Carmen Joseph Liuzza III Francesca Logozzo Erika Else Maaseide Frances Clare Mack Cameron Arthur MacMahon Margaret Joy Mancusi-Ungaro Christopher James Marina Sophia Martino Gabriel Bruce Masso Sean A. McCann Virginia Kaye McMahon Fiona Mary Mensching Elizabeth Ann Metzler Alexander G. Meyer Emily Rose Michnowski Eliana Jane Morano William Frederick Morano III Andrew Lewis Mottram Iuan Mozos Nieto Willow Munson Skyler Eve Murphy Ben Murphy-Schmehl Mike Naĥ Philip Ferdinand Napoli Jack Michael Narducci Emily Joan Newman Olivia Payton Nunamaker Miranda Eileen O'Mara Isabelle Frances O'Toole Daphne Noemi Ochoa Hernandez Yash Patel Justine Taylor Pavia Stephanie Perez Ortega Kerry Ann Perna Abigail Elizabeth Peters Xavier Rocco Piccone Nicholas Lawrence Pikul Theodore Collett Polk Alan Prohorov Elise Brooke Prosen Dominic Hunter Puglisi Wenhao Qin Brendan Rego Lucas Kennedy Rich Emma Grace Roesing Oren Joseph Roznitsky

Academic Honors

Gabriella Zipora Rub Brooke Alexis Rubenstein Cassidy Joy Rubio Anik Saluja Xuehan Sang Jack Norman Schob Nicholas Michael Schorn Madeleine Claire Schott Keila Grace Seelev Annie Jiwon Seong Maya Rachel Shaked Sophia Nita Shukla Zachary Jacob Silberstein Matthew Ryan Silverman Daniel An Šimboli Aarushi Singh Kirsten Lee Sjoberg Esha Soni Abigail Elizabeth Sowa Benjamin Tyson Speyer Samantha Rebecca Stilp Paul Andrew Stone Carson Rawlings Stotler Luke Xavier Strauss Akari Takahashi Zoe Jordyn Tashlik Sophia Marie Taverna Tyler Norman Thompson Áisha Camille Touré Paul Charles Trezza John Griffeth Tully Maya A. Valenzano Sonia Vaysbaum Christopher John Vella Emma Grace Visioli Abigail Patricia Vogel Konstantinos Voyiazis Zachary Joseph Weisenstein Jordyn Alise Whalen Lexa Ray Winigrad Zhenyu Wu Cameron Elizabeth Wylie Christina Re Yakaboski Chunliang Yang Kirk Wilson Yap Yue Yu Andrea A. Zeien Mia Kathleen Zibello Yushun Zou

HIGH HONORS

The following students received a GPA of 3.60-3.79

Julian B. Abergas Udita Agarwal Sinan Ahmet Aksu Martina Albin Madeleine Ann Albrecht Andrew Michael Alikakos Julia Marcella Aloi Madeleine Loomis Ashley Naod Tewodros Asregdew Samuel Joseph Augustine Marcela Avans Sean Gabriel Bachman Chenyi Bao Phoebe Hannah Baraker Paolo Antonio Bartolucci **Jave Victoria Bates** Glenine Ann Bautista Jamie Rachel Behar Trevor John Belinsky Madison Elaina Bershefsky Max Abraham Beutner Charlene Olivia Bohrer Violette Susan Bonvallet Kyra Ruth Boston Martha A. Bosworth Kent Matthew Bowers Amanda Blair Braverman Samuel Christopher Brende Cayla Lital Brint Matthew John Brock Amber Nicole Brose Abigail Christine Brown Sarah Elizabeth Burau Rilev G. Burke Nicholas Dante Caiazzo Conner Steven Calzone Emma Rae Camp Maura Harte Campbell Nuovan Cao Mariel Grace Capone Elizabeth Maria Caracciolo George Wilson Carpenter Gabriel Xavier Caton Ryan Nicholas Chang Alice Chen Darren Chen Evan Javier Chen Karina Chen Na Chen Yiting Chen

Jiaqi Cheng Keith Cheung Lauren K. Chin Chelsea Lindsey Clark Alexander Bass Clevenger Kaila Diaz Cohen Maxwell Raphael Colen Aidan Taylor Collins Arianna Maria Costello Daniel Edward Croll Shea Delaney Curran Devin Joseph Dabagian Henry Danon Kevsergul Davi Gina Marie DeAngelis Allyson C. Deihl Philip Paul DeLise Jr. Samuel William Brooke Denison Rose Elizabeth Denommee Gibson Anne DiCenso Madeline Elizabeth Dorish Connor Michael Drucis Allison Emma Duane Jack Sullivan Edelman Gabrielle C. Effendi Fabienne Kelly Eggenschwiler Maya Marie Élias Ziyad Amro Elsabbagh Anna Davis Erickson Brooke Lauren Erickson Robert Christian Erickson Sofía Alejandra Espinoza-Hernández Victoria Ánne Evola Isabella Kathryn Federico Sadie Belle Feighan Maya Isabelle Fisher Michael Thomas Fitzgerald John Fleming Luca Florida Ryan Francis Forelli Lauren Alexa Fountain Isabella Rose Franklin Casey Elizabeth Gannon Ethan Parker Gates Zemichael Damtew Gebeyehu Christopher Gerazounis Alexis Rae Gil Sarah Madison Gnall Leah Victoria Gorfinkel Michael David Grekoski Michael John Grise Jr. Meghna J. Grover Lily Guggenheimer Alberto Guinand

Eliot Choliya Gunawardana Yufeng Guo Jack A. Haims Christopher Thomas Hanlon Matthew George Hayden Nicholas August Healy Page Sierra Hewitt Alexandra Nicole Hite Xinni Sydney Hong Isabella Ayumi Hudson Dylan Garrett Huff Daniel Aidan Huffman Dane M Ishibashi Sydney Abigail Izakson Rhea Jadhav Olivia Grace James Arielle Freya Janger **Evan Anthony Jenkins** Nolan Thomas Jetter Colby Henry Jones Katarina Josette Kaburov Alibek Kaliyev Cary David Karcher Ethan Bennett Kennedy Gabrielle Emma Kesh Ho Jae Kim Russell Byoungjin Kim Jack William Kinsey Quinn Sierra Klessel Andrew David Koerner Jason Vaughn Kopito Steven William Kravitz Halee Kathleen Kush Arielle Emily Kutler Y Nhu Lam Paola Linette Lebrón Muñiz Maxwell J. Lee Joshua Evan Lentz Amelia Grace Leyden Kamryn Maimai Li Karen Kaiyuan Li Yihang Li Huachen Liang Carlyn Mackenzie Liebold Lanxin Lin Jennifer Nicole Lindley Alex Kylie Damm-Loring Anchen Ma Jordan Elizabeth Macdonald Andrew Stephen Macensky Lily Cate MacLean Lindsay Olsen MacLellan Matthew Gilbert Mahland Maria Maragkelli

Lillian Grace Matz Kelly Marie McCallister Aiden Scott McCurley Tess Elaine Barger McGinley Rosa Medina Anousha A. Mehta Olivia Dale Memeger Zachary Chakrin Mester Ava Fallon Mian Olivia Aileen Millevoi Eitan Mirovski Peter James Misiewicz David Zachary Missry Sarah Amelie Mixsell Conor James Monahan Lucianna Mae Moos Leighanna Marie Moskos Corena Grace Munroe Ashley Jo Nelson Paige Olivia Nemet Taylor Brooke Nemet Kellia Nguyen **Jill Norbert** Isabelle Reese O'Brien Carolyn Anne O'Connor Julia Myung Hee Pak Kimberly Palaguachi-Lopez Sang Jin Park Sera Park Dominic Johann Parolin Charlsie Mae Paynter Claire Nicole Pedrick Julainy Peralta Calderon Samantha Rose Powers Hanqing Qi Emily Ann Randolph Radhika M. Rawal Olivia May Reed Ori Remen Yiran Ren Megan Christine Robinson Spencer Evan Rose Jordyn Alexa Rosenblatt Brent Harrison Rosendorf Adam Stone Rothstein Vito Casimiro Russo Claire Maria Samson Jaclyn Shoshana Sasson Jessica Nicole Schalet Ava Rose Schaller Lauren Elizabeth Schell Emily Marie Schmidt Maxwell Robert Schofield Matthew Logan Schoonmaker Cole Alexander Schubert Lauren Anne Schultz Margaret Jessica Schwab Brandon Kyle Schweers Diana Shaipi Ashley Rena Shaivitz Sam Sheng Taylor Brian Sheridan Tony Shi Harry M. Shmerler Kevin Samuel Simons Ashley Jolie Singer Hope Gove Smith Lotte Hannah Smorenburg Alexander Augustine Clawthorne Isaac Owen Stahl Erica Corinne Steele Zachary Alexander Stern Casey Michelle Su-Morrill Justin Matthew Sweet **Jessica Sadie Tauber** Evelyn Jane Thomajan Angsara Thongchai Peyton Jackson Torgan Joshua Dale Trout Jonathan L. Trzaska Mia Jayne Valecce Jacqueline Andrea Vargas-Bines Ariana Amia Velez Jake Placido Vettoretti Shoshanna Remark Victor Gregg Austin Vitiello Kaylie Anh-Thao Vu Alessandra Allegro Wade Serena Wang Zihan Wang Jackson Healey Ward Layla Rosalia Navarro Madeline Ruth Watts Emily Morgan Wegrzyn Zoe J. Weimer Lexi Syd Weintraub Jack Edwin Weisenberger Emma Kate Weiss Christopher Wells Matthew Richard West Patrick Miklos Wise Micah James Worth Caden Joseph Wright Mia Olivia Yagodich Kevin S. Yang Shuangge Yang Xiaonan Yang Zimo Yang

Academic Honors

Brandon Lucio Yee Sunny You Qiran Yuan Amy Elizabeth Zage Alejandro Gabriel Zayas Wilson J. Zheng Huiran Zhu Tiffany Zhu Zhenquan Zhuang Paige Lee Zimmerman

HONORS

The following students received a GPA of 3.40-3.59

Elyse P. Adamo Emily Kay Adler Sera Agostinelli Alyssa Marie Albano Anthony Alexandrov Patrick Jae Yong Alto Jeffrey Karan Amidon Emma Cubberley Anderson **Titinat Angsirikul** Emi Arai Amir Julian Arnold Imani Ashman Nalan Aydin Leia Gwendolyn Barnes Skye Ann Bates Cole Michael Becker Georgia Becker Kadin Edward Becker Talia Rose Beech Robert Bertram Bell Brooke Hewitt Bingo Sara Katherine Blanchard Dean Wilman Pio Bleiler Arianna Illene Bloss Liat Blumenfeld Harrison Jan William Boon Luis Daniel Bravo Eli Bovd Brennan Patrick John Brennan Julian Nathan Brooks Mark Christopher Bucchino Rachel AiQi Caldwell-Glixon John Langan Campito Vito Daniel Capraro Paige Elizabeth Carlson Ari Moses Carp Lucas Jack Casagrande Ilias Chekkori

Hua Jia Chen Alexandra Nichole Chua Mia Ciliberti Jennifer Olivia Cocchiere Henry Thomas Collins Emily Coplin Hannah Árinda Corea Dilbert Donald Charles Cory III Ryanne Elizabeth Cox Kevin Charles Coxhead Matthew Christopher Cugliari Catherine Hart Cullum Carley Marie Cumba Isabella Maria D'Angelo Megha Dania Aidan Scott Decker Alexandra Christine Delfini William Stephen Deskey Matthew Gregory Dolin Sandler Reid Douglas Catherine Jane Droogan Armin Hartmut Dubert Alexander P. Efelis Stephanie Franolich Eliseo Michael Christopher Fassert II Elena Susan Fenster Alexa Jacqueline Barreto-Ferreira Jude Ryan Ferri Ella Tateishi Fino Cillian Paul Fisher Russell Harris Fisher Wendie Beth Fisher Avery Denton Fitz Luca Parsa Fontaine Juliana Forero Arevalo Nicole Mae Foster Theresa Evangeline Furnari Ciara Gallagher Sophie Andrea Gani Gaige Michael Garcia Alexandria Gray Garrant James Matthew Gasek Jr. Elizabeth Lynette Geyer Arthur Gilpin Cristian Gomez Amanda Marie Gorbea Russell Andrew Grady John Frederick Graff Grayson William Graham Tyler Jay Grant Jenna Nicole Green Eric Eun Soo Greene Thomas Patrick Griffith

Haley E. Griner John Andrew Guthrie Huda Hagos Corey Joseph Hartranft Brenna Olivia Hastings Andrew Thomas Held Eric Louis Hernandez-Vargas Reghan Lynn Hesser Autumn Álexandra Hill Jordyn Marie Hock Xinran Ariel Huang Daniel M. Hubert Ethan Truesdale Hughes Mark Gregory Hughes Kaylen R. Hunte Elizabeth C. Ingraham Owen Bosworth Ingrey Christian Burns Jablonski Clare Mary Jachim Talal Jarrah Drew Bennett Jasper Bharath Jyothi Elen Mary Karagulian Yiannis Alexandros Karamitros Jack Woodrow Keane James Edward Keaney William Joseph Kelly Khadija Khan Joseph Leo Kiel Sean Joseph Kilrain Edwin Tae Eun Kim Olivia B. Kindfuller Julia R. Kirkpatrick Gavin W. Kocher Karilyn Ann Kruklitis Christine Narae Kwon Boniface Mwangangi Kyalo Jacqueline Noel LaMastra Remie Megan Lamkin Robert Canavan Lapsley Fernanda Lazarte Mai Phuong Le Lauren Grace Ledesma Ethan Cole Leifer **Emily Sarah Levine** Zhaochen Li John Richard Lightfine Runfeng Lin Gianna Rose Liota Jacob Henry Logan Timothy Lunger Sophia Rebecca Luttrell Katherine Elizabeth Lyden

Cameron James Lynch Julia Anne Mancuso Sarah Lauren Manthorp **Emily Xiayun Mars** Addison Price Marshall Jermaine Jamal Marshall Tova Lashay Marshall Hans Joseph Masch Sarah Ruby McCall Daniel Ryan McClellan Austin Thomas McCullough Thomas McDade Luke Patrick McHugh Margaret Ann McLaughlin Sophia Anne Meagher Joseph David Medina Zarate Sae Meh Junan Mei Zena Azana Meighan Christopher Meleski Marina Méndez Legarra Nicholas Todd Mentzer George Sabbaton Myhr Merrifield Sophia Elizabeth Mihalek Katherine Jeanne Miller Nahjiah Annette Melanie Miller Edward Lee Mon Lesly Giselle Montano Garcia Tanner Michael Moore Todd Richard Moore Jr. Tristan William Moore John Edward Morris Nicholas Alexander Moshos Gregory Matthias Mostek Sarah É. Nebbia Robert David Nedoluha Sean Christian Noto Claire Cunningham O'Hara Alexandra Claire Odle Eric James Osterman Rha Wesley Overstreet Peter Gordon Owens Nicole Marie Paladino Junvi Pan Prabin Panta Matthew Alexander Pariser Katrina Parsa Nicholas Pascaretti Maxwell Samuel Pasternack Jordan Ryan Paul Fengxiao Peng Luis Angel Perez Galan

Nicholas Matthew Petrella Aleksey Tyler Pevtsov Sophia Priyanka Phaltankar Morgan Leigh Pickett Brooke Irene Pileggi Rachel Platt Meara Helene Plesh-Gill Benjamin Gustafson Pozner Estéban David Procel Porras Alexandra Elisabeth Rabeno Caitlin Beatrice Ralston Kyle Jacob Reiss Olivia Joy Roback Matthew Alexander Robertson Christopher Joseph Romano Olivia Regina Romano Danielle Paige Rosano Grace Caroline Rosevear Adrian Michael Ross Karina Alise Roze Ghassan Saadeh Kaeson Styles Sandhu Andrew Michael SantaMaria Brianna Janelle Sauder Nathaniel Joseph Scalia Elena Anne Schoen Michael Joseph Sesko Amalia Shahinyan Henry Raef Shapiro Joshua Samuel Shapiro Penelope Summer Shaw Lauren Elise Shebby Alexander Benjamin Silber Tyler Allen Skótch Matthew Mark Slaski Brianna Grace Snavely Bora Ege Soybas Sarah E. Starr Katherine Murphy Stenersen Ryan John Stephens Julia Maren Stevens Philip Timothy Stevens Ashley Rita Struck Antara Sukumar Kevin Sun Tyler Harry Sung Nicholas Chester Suter Noelle Marguerite Szabo Olivia Hamilton Talbott Abigail Hazel Tenreiro John Thomas Thistle Yifei Tian

Jack Parker Towsen Cindy Tran Mina Turkyolu Daniel Ely Unhuryan Anna Luisa Valadao Defaria Katherine A. Verenna Amel Leigh Vernon Jonah Elias Viroslav Anh Duc Pham Vu Jinghao Wang Kailun Wang Sikai Wang Yuan Wang Joseph James Lee Wentworth John Logan Whitall Christian Mathias Williams Sophia Michele Williams Hannah Beth Wind Sydney Jane Wolfe Natalie Evangeline Woods Yuyang Wu Zhengyang Wu Ke Xie Jinyi Xu William Henry Yaeger V Raymond Anthony Yedlock III Isra Younas Xiao Qing Yu Enzo Gregory Zechiel James Zhang Ziyu Zhou

Honor Societies

Beta Gamma Sigma

Beta Gamma Sigma is the only national honor society serving business programs recognized by the Association to Advance Collegiate Schools of Business (AACSB) International. Election to membership in Beta Gamma Sigma is the highest scholastic honor that a business student anywhere in the world can receive in a business program accredited by AACSB International. Graduating members are entitled to wear honor cords in royal blue and gold.

Undergraduate

Mary Bartiromo Lucas Bennett Matthew Connors Miles Cox Alexander Damle Timothy DiPalo Brandon Freidl Joshua Goldstein Carly Green David Hinkle Rachel Houser Alibek Kaliyev Ian Lissack Christopher Marina Elizabeth Metzler Eliana Morano **Abigail Peters** Lucas Rich Oren Roznitsky Yunging Sun Sophia Taverna Emma Visioli Lexa Winigrad

Graduate

Brian Beck Rohil Harish Bhingarde Thomas Boden Jr. Nicholas Brown Regina Amelinda Christy Ryan Scott Clark Kora Clauser Adam DeRaymond Alexander Fenker Andrew Leh Fetterman Beau Glover Dinesh Gudla Raymond P. Hencken Michelle Ann Keller David Kendall Nathan Lepore Daniel Marjoncu Mengxiao Liu Ceran Constantine Messam Rebecca Wagner Timothy W. Miller Manushree Patankar Ana Quintana Solís Juan Francisco Ramos Salas Erin Reph Gabriela Ruiz-Leonard Hajer Sabil **Julian Still** Mary Viegas Jiamin Wang Senhao Xiong Yanting Zhang Xiaoshan Zhou

Phi Beta Kappa

Phi Beta Kappa, the oldest national honor society (founded in 1776), recognizes high academic achievement in the liberal arts and sciences. The Lehigh chapter was chartered in 1887. Graduating members are entitled to wear honor cords in pink and blue.

Sarah Buckley Emma Camp Chenxi Cao Andy Chung Emilie Cohen Casey Conboy Alex Damle Tim DiPalo Tessa Dougan Cyrus Elmi Kylie Frew Giavanna Gast Emma Grav Natalie Hallagan Iiu Han Rachael Harrower Lauryn Holgado Isabelle Hozempa Hasan Jashari Niko Jones Mika Kizuka Gaby Ledis Francesca Logozzo Virginia McMahon Fiona Mensching Emily Michnowski Olivia Millevoi Corena Munroe Skyler Murphy Xavier Piccone Wenhao Qin Oren Roznitsky Brooke Rubenstein Vito Russo Elise Sang Jack Schob Heidi Shen Matt Silverman Zoe Tashlik Layla Warshaw Chris Wells Chunliang Yang Andrea Zeien

Psi Chi

Psi Chi is an international honor society with the purpose of recognizing and promoting excellence in the science and application of psychology. The Lehigh University chapter was founded in 1955.

Bella D'Angelo Alexa Ferreira Emma Flinchbaugh Bella Franklin Alberto Guinand Ethan Kennedy Y Lam Maya Valenzano Ariana Velez Gregg Vitiello Cammie Wylie

Tau Beta Pi

The Tau Beta Pi association was founded more than 125 years ago at Lehigh University by Edward H. Williams, Jr., professor of mining and geology, to recognize distinguished scholarship and exemplary character among students of engineering. Williams Hall is named in honor of Professor Williams. Graduating members are entitled to wear a white scarf with an orange Tau Beta Pi logo.

Shahood Ahmad Owen Brown Matthias Culbertson Meghan Feldman Owen Fitz Kylie Frew Carl Frever Ethan Gates Zemichael Gebeyehu Nathan George Amanda Greaney William Gregory Lauryn Holgado Brendan Karnish Grace Kolbe Ryan Kong Daniel Lader Ethan Lavi Karen Li Sophia Martino Abigail Peters Nicholas Pikul Nicholas Schorn Aarushi Singh Tyler Thompson Christopher Vella Abigail Vogel Matthew West Kirk Yap

Departmental Honors

Art, Architecture, and Design

Afiwa Afandalo Y Lam Margaret Mancusi-Ungaro Olivia Nunamaker

Asian Studies

Zena Meighan

Biological Sciences

Sam Augustine Chelsea Clark Casey Conboy Rose Denommee Rachael Harrower Cary Karcher Fiona Mensching Jordyn Whalen Will Yaeger Zimo Yang

Chemistry

Gabe Masso Alex Meyer Ing Thongchai

Cognitive Science

Nina Cialone Sebastian Gaertner Arielle Janger Virginia McMahon Gabriella Rub Cindy Tran Jack Tully Emily Wegrzyn Chunliang Yang

Earth and Environmental Sciences Margaret Mclaughlin

English

Julia Aloi Vito Capraro Olivia Kindfuller Lily MacLean Isabelle O'Toole Katie Ralston Cassidy Rubio

Global Studies

Marianne Fernandez Willow Munson Stephanie Perez

History

Maura Campbell Abbey Duane Nicole Guglielmi Erika Maaseide

Journalism and Communication

Martina Albin Sam Barney-Gibbs Frances Mack

Modern Languages and Literature Zena Meighan

Philosophy Xavier Piccone

Physics

Jacklyn Clauss Daniel Huffman Andrew Koerner Wenhao Qin

Political Science

Kate Lyden Brendan Rego

Psychology

Maya Elias Gianna LaMena Gaby Ledis Anchen Ma Maya Valenzano Ariana Velez Cammie Wylie

Sociology and Anthropology

Isabelle Hozempa Vito Russo

Women, Gender, and Sexuality Studies Amber Brose

Eckhardt Scholars

Afiwa Flora Afandalo Udita Agarwal Leia Barnes Sam Barney-Gibbs Nina Rose Cialone Alexander Clevenger Hannah Arinda Corea-Dilbert Rachael Marie Harrower Thiago Bastos Hernandes Lauryn Cerila Holgado Isabelle Erin Hozempa Daniel Huffman Isabella Victoria Insingo Hangyi Li Anchen Ma Frances Clare Mack Cameron Arthur MacMahon Gabe Masso Ben Murphy-Schmehl Stephanie Perez Ortega Sarah Quinn Anh Duc Pham Vu

Martindale Scholars

Kyra R. Boston Kate L. Brown Alexander S. Damle Tessa M. Dougan Samuel R. Ginn Lauryn C. Holgado Christopher J. Marina Emily R. Michnowski Sarah A. Mixsell Ben E. Murphy-Schmehl Layan A. Suleiman William H. Yaeger

American Chemical Society Award

To an outstanding senior in chemistry or chemical engineering

Russell Kim Alexander Meyer

American Chemical Society Inorganic Chemistry Award

To a top graduating senior student majoring in either chemistry or biochemistry who has demonstrated excellence in inorganic chemistry and who displays a significant aptitude for inorganic chemistry and to further interest in the field

Lorelai Swanek

American Chemical Society Organic Chemistry Award

To a top graduating senior student majoring in either chemistry or biochemistry who has demonstrated excellence in organic chemistry based on a combination of research experience, coursework, and a desire to pursue a career in chemistry

Shane Hall

American Chemical Society Physical Chemistry Award

To an outstanding senior who has demonstrated excellence in physical chemistry and is committed to a career in chemistry

Angsara Thongchai

American Institute of Chemists Award

To the outstanding senior majoring in chemistry, chemical engineering, or biochemistry

> Max Beutner Gabe Masso

American Society of Civil Engineers Prize

To an outstanding senior in civil engineering

Kyra Boston

Association of Certified Fraud Examiners Award

To a student with academic excellence in accounting with high morals

Lucas Rich

Ferdinand P. Beer Award

To an outstanding senior who has shown excellence in mechanics

Abigail E. Peters

David A. Begelman Endowed Prize in the Department of Management

To a senior in the department of management who is in good academic standing, exhibits a strong work ethic, is intellectually curious, and embraces life with enthusiasm

> Lucianna Farro Gabrielle Kesh Xuangi Sheng

Bethlehem Fabricators Award

To a junior who has shown the most improvement in academic achievement over the sophomore and junior years

Corey Hartranft

Binkley Prize

To the top-ranking senior in the university majoring in physics as a gift in memory of E. Raymond Binkley MS 1931

Aldiyar Zhumashov

Biochemistry Award

Awarded to the highest-ranking junior or senior biochemistry major

Rosa Medina

Robert W. Blake Memorial Award

To the freshman who has completed one year of studies in the College of Arts and Sciences and is recommended by the college faculty as most outstanding in high scholastic achievement and in promise of leadership

Jessica Hurtado

Donald T. Campbell Social Science Research Prizes

Awarded for social science papers of high quality, methodological originality, and societal significance as embodied in the work of Dr. Campbell, university professor emeritus

> Gabriella Ledis Erika Maaseide Julianne Wilson

John B. Carson Prize

To the senior civil engineer showing most marked excellence in professional courses

Phil DeLise

William H. Chandler Chemistry Prize

To the highest-ranking student in each class in chemistry or chemical engineering

> Casey Conboy Alli Courtenay Nolan Cremi Henry Vietor Sydney Volheim Dan Wise

John C. Chen Chemical Engineering Endowed Prize

To a full-time student who has demonstrated academic capability and effective leadership in chemical engineering

> Juliana Forero Arevalo James Keaney

Class of 1904 Scholarship Award

To an outstanding member of the junior class on the basis of character, scholarship, qualifications indicating promise of future leadership, and extracurricular activities

> Ethan Amershek Isaac Curley Paulina Gonzalez Emerson Lederman Liam Lovering Corinne Lyght Julian Maldonado Tess McGinley Kwynsky Miguel

College of Arts and Sciences Dean's Dissertation Award

Awarded for an outstanding doctoral dissertation in the college of arts and sciences

Sonia Weimann

Computer Science and Engineering Systems Award

This award is given to a graduating senior who has demonstrated excellence, enthusiasm, and commitment in research and coursework related to designing and implementing system software, including but not limited to parallel, concurrent and distributed computing, database systems, heterogeneous computing, system security, and networking.

> Luke Hale Ethan Lavi

Cornelius Prize

To the senior student in mechanical engineering who is judged to have profited most by his or her opportunities at Lehigh University

Zemichael D. Gebeyehu

DEI Champion Award

To a graduate and an undergraduate student who have demonstrated an exceptional commitment to and / or prompted diversity, equity, and inclusion within the materials science and engineering department

> Itzel Esparza Jonathan Valenzuela

Alpha A. Diefenderfer Award

To the highest-ranking student in analytical chemistry

Jake Haber

Dreyfus Portfolio Award

For outstanding contribution to a student-run investment portfolio

Patrick Wise

Aurie N. Dunlap Prize

To an outstanding senior majoring in international relations

Keegan Casey Ashley Kim

Philip Francis du Pont Memorial Prize in Electrical Engineering

To the two highest-ranking seniors in electrical engineering

David Li Paul Trezza

Eta Kappa Nu Prize

To the highest-ranking freshman in electrical and computer engineering

Finn Bailey Takeru Hiura Sophia Pham

Joseph C. Gabuzda, Jr. Memorial Award

To a member of the junior class in electrical engineering showing outstanding promise intellectually and in leadership qualities

> Gaby Haik Eli Juvan Alec McAree Saimonth Munoz Nathan Schlicht

German Prize

To seniors who are excellent in the German language and literature and who have performed outstanding service (as president, secretary, or treasurer) to the German House

Adrianne DeLaere

Malcolm J. Gordon, Jr., Physics Prize

To the top-ranking sophomore majoring in physics with some extracurricular activity

> Ashlyn Leary Kateryna Saltovets

Samuel L. Gulden Memorial Award

Awarded by vote of the CSE faculty to a senior who has demonstrated outstanding achievement in the study of algorithms and/or theoretical computer science

Abby Vogel

Handwerk Prize

Awarded to a graduating senior for outstanding achievement in the fields of chemistry, materials science and engineering, or earth and environmental sciences

> Violette Bonvallet Kirsten Sjoberg

Bill Hardy Memorial Prize

The prize is awarded to a junior who most nearly reflects the qualities that typified Bill Hardy while he attended Lehigh University. The award is based upon financial need, character and personality, scholastic achievement, and leadership qualities.

Harrison Jenkins

The Harmer Prize

To an undergraduate student in the materials science and engineering department who promotes good citizenship with the school and community

Casey Dolan

George D. Harmon Memorial Award

To an outstanding senior in the history department who has the highest GPA in history courses and has a 3.0 GPA overall

Erika Maaseide

Health, Medicine and Society Student Achievement Award

To a graduating senior who minored in health, medicine, and society; demonstrated academic excellence; and made a significant contribution to HMS by expanding knowledge, doing research, or working with communities on campus, locally, or globally

> Sarah Binday Brooke Erickson Tess McGinley Cammie Wylie

Joseph C. Hendrzak Memorial Award

Awarded to the outstanding senior Army ROTC cadet in military science who evidenced leadership ability during the school year

Austin Hermann

Donnel Foster Hewett Award

To a senior in earth and environmental sciences who has demonstrated the greatest potential for a professional career in the earth sciences

> Tess Dougan Phil Stevens

Robert C. Hicks Prize

To a student or students who rank academically among the top four in chemical engineering at the end of their sophomore or junior year

> Zach Ostrand Sydney Volheim

Donald J. Hillman Memorial Award

To a senior who demonstrates outstanding achievement in the study of artificial intelligence and/or intelligent systems

> Daniel Simboli Chunliang Yang

Theodore U. Horger '61 Visual and Performing Arts Scholarship

This award recognizes dedication and excellence in the visual and performing arts.

Isabella Bolanos

Harold J. Horn Prize

To the highest-ranking juniors in electrical engineering

David Li Long Tran

C.C. Hsiung Award

To a graduating senior who demonstrates outstanding scholarship in mathematics

> Emma E. Gray Theodore C. Polk

Institute of Internal Auditors Senior Award

To an outstanding senior who is interested in auditing and has a high scholastic standing and qualities of leadership

Emma Visioli

Thomas E. Jackson Award

Given to the senior mechanical engineering student who has made the greatest contribution to the development and/or use of the Thomas E. Jackson Engine Testing Laboratory

Nicholas M. Schorn

Richard H. Johnson Economics Prize

To a graduating senior majoring in economics with outstanding achievement in the study of economics

Ben Murphy-Schmehl

Carey B. Joynt International Relations Leadership Award

Awarded by vote of the international relations faculty to the senior international relations major for outstanding academic performance, contribution to the life of the department, or both

> Sam Ginn Hasan Jashari

The Robin B. and Allan B. Kachel '71 Awards in Writing

Awarded to students in the categories of news reporting, feature writing, editorial writing, sports writing, fiction, and non-fiction

> Sam Barney-Gibbs Archer Benedict Fiona Corr Olivia Kindfuller Mujuni Mirembe Emma Moriarty

Kahn Memorial Award

To a senior outstanding in materials science and engineering

Kirsten Sjoberg

Karakash Prize

To a graduating student in electrical or computer engineering based on scholarship and evidences of professional leadership

Kirsten Sjoberg

Koenig Prize

To a sophomore Materials Science and Engineering student in recognition of outstanding performance in academics and work study

Gaby Ramirez

Lt. General Fred Kornet, Jr. Award

To a graduating senior in military science whose academic performance and AFROTC achievement indicate the greatest potential for sustained professional excellence in a military career

Austin Tarpey

George B. Lemmon Prize

This prize is awarded to a graduating Eckardt Scholar in recognition of outstanding academic performance during his or her undergraduate Lehigh career. This award is subject to the recommendation of the thesis advisor and/or the chairperson in the major field.

> Afiwa Afandalo Alex Clevenger Samuel Ginn Rachael Harrower Isabelle Hozempa Ben Murphy-Schmehl

Le-wu Lu Memorial Prize

This prize recognizes exceptional academic work by a graduating senior. It is given to individuals who have enhanced the visibility of the department, who have given their time and energy to the department efforts, humanitarian efforts, and/or leadership in professional organizations.

> Ryan Bruce Ben Pozner

Marketing Commendation Awards for Class Project/Paper

Awarded to a project team which has demonstrated outstanding performance in a class

> Catherine Adams Mariah Alvarado Paige Carlson Niall Cordes Johnny Dai Daniel Dreitlein Alexander Fitzgerald Arthur J. Gilpin Ellie Hoffmeister Rhea Jadhav Eric Mehlman Kieran O'Connor Cassidy Rubio Jordana Wiener

Mathematics Faculty Award

To an outstanding junior majoring in mathematics or statistics

Thomas J. Parisi Celeste B. Stefanova Nuttasit Suebthawinkul

Robert H. Mills Outstanding Accounting Major Award

Given to a senior accounting major who excels in both academics and extracurricular activities

> Mary Bartiromo Julia Byrnes Elizabeth Metzler

MSE Good

Samaritan Award

To a student who goes above and beyond to assist and support the MSE department throughout the year

> Bailey Flanagan Anthony Tsekrekas

J. Robert Munford Award

To an earth and environmental sciences senior who has shown the greatest improvement in overall performance over four years

Margaret McLaughlin

Elizabeth Major Nevius Award

To individuals who have entered their fifth year of work at Lehigh, whether it be a second undergraduate degree or graduate degree, on the basis of leadership, citizenship, and scholarship

> Karla Contreras Michael Costantino Michael Grise Caroline Mierzwa Alex Park Alexandria Pellett Cheryl Qin Catherine Spellman Ryan Sullivan Paul Watkins Ryan Wycherley Anna Zink

Patti Ota Women, Gender, and Sexuality Studies Award

To a graduating senior who, during her or his undergraduate years, has pursued a course of study that included women's studies issues and who has contributed to efforts to improve the atmosphere and campus climate for women's studies and/or to improve conditions for women in the community

> Afiwa Afandalo Amber Brose

The Deborah Pearsall Prize

Awarded annually to the female undergraduate student who best exemplifies the attributes that Deborah Pearsall '12 embodied throughout her life: engaged leadership; an inexhaustible optimistic attitude about challenges and opportunities; a "can do" spirit combined with action, integrity, courage, honesty, fairness, advocacy, and enthusiasm; and a commitment to "do the right thing" regardless of whether it is the popular choice

> Zoe Day Tess McGinley

Phi Sigma Kappa Scholarship Cup

To the fraternity or sorority having the highest scholastic average for the preceding year

Kappa Delta

Leonard P. Pool Memorial Prize

To rising juniors and seniors interested in a career in the business community who have exhibited those entrepreneurial talents which so typified the life and career of Mr. Pool

Canaan Kimball

Allen S. Quier Prize

To the senior adjudged by the staff of materials science and engineering to have made the most progress in that curriculum

Nate George

The Richard Redd Award

To a senior from the department of art, architecture, and design for outstanding performance in the classroom and studio in the department major course of study and for significant contributions to the culture of the department

> Ella Fall Konstantinos Voyiazis

Bosey Reiter Leadership Cup

To a graduating senior whose leadership contributes primarily to the best interests of the university

> Afiwa Afandalo Scott Cole Christina Enodien

Robert Ridgeway Senior Cup

To the senior in the P.C. Rossin College of Engineering and Applied Science with the highest cumulative average

> Luke Brodersen Nolan Cremi

William R. Scott Award

Awarded to a graduating senior and/or graduate student for outstanding performance and participation in the Africana Studies Program

> Afiwa Afandalo Brianna Banful

The Oles M. Smolansky Award for Academic Excellence in International Relations

Judged by the faculty of the international relations department, the award is presented annually to a graduating senior who has achieved an outstanding academic record. It was established in 2011 to honor Oles M. Smolansky, university professor emeritus of international relations.

Hasan Jashari

John S. Steckbeck Memorial Award

To the senior Army ROTC cadet who best exemplifies the school spirit of John Steckbeck

Jack Lightfine

Alan Stenning Award

To a senior mechanical engineer or mechanics student for excellence in an undergraduate engineering project

Kylie S. Frew

Bradley Stoughton Student Award

Given to an outstanding senior in the materials science and engineering department

Sarah Gnall

Stout Dissertation Award

Awarded to a doctoral student in each of the four colleges to recognize significant scholarly achievement in a dissertation project

> Collin Barker – College of Arts and Sciences Bingjin Xue – College of Business Meghan Hauser – College of Education Evan Musterman – P.C. Rossin College of Engineering and Applied Science

Tau Beta Pi Prize

To the engineering sophomore having the highest scholastic average

Anna Marie Patti Nate Snyder Ben Spahiu

Thornburg Mathematics Prize

To the senior with the most outstanding record in an advanced mathematics course

> Joshua E. Lentz Cameron A. MacMahon

Trustees Scholarship Cup

To the living group having the highest scholastic average for the preceding year

Kappa Delta

Harry M. Ullmann Chemistry Prize

To the highest-ranking seniors in chemistry and chemical engineering

Devin Dabagian Chaihong Nah

University Service Award

To the senior who has been adjudged to have contributed most during his or her career at Lehigh to promote student body unity, campus cooperation for worthy objectives, and loyalty to the alma mater

> Cyrus Elmi Sofia Espinoza

Geraldo Vasconcellos Thompson International Award

To students finishing their final year with portfolios and have shown exemplary work and leadership in the management of the portfolios

Jack Edelman

John R. Wagner Award

To the junior student in mechanical engineering whose scholastic record is the highest in his or her class in the freshman and sophomore years and whose character and life purposes are deemed deserving and worthy

Anna Marie Patti

H.R. & Y.B. Wei Prize

To an undergraduate junior student in mechanical engineering and mechanics in recognition of his or her academic achievements and demonstrated leadership qualities

> Amanda E. Greaney William D. Gregory

William Whigham, Jr. Memorial Prize

To the highest-ranking freshman in engineering based on high cumulative average in the first two semesters

Olivia Lasee

Elisha P. Wilbur Mathematics Prize

To the highest-ranking freshmen engineers in mathematics

Owen W. Funk Nathaniel W. Snyder Ben Spahiu

Elisha P. Wilbur Scholarship Prize

To the sophomore with the best semester average for the sophomore year

Audrey Harrington Zachary Porter Austin Rosypal

Williams Writing and Performance Awards

Amaranth Hailey O. Hunt Evelyn Thomajan

Analytical Writing Hasan Jashari

Creative Writing-Fiction Afiwa Flora Afandalo Brendan Karmish

Creative Writing-Non-Fiction Julia Aloi Afiwa Flora Afandalo

Creative Writing-Poetry Vito D. Capraro

English Composition by Juniors Julia Aloi

English Composition by Seniors Afiwa Flora Afandalo Julia Aloi Vito D. Capraro Olivia Kindfuller

History, International, Political Science Hasan Jashari Erika Maaseide Journalism and Communication Martina Albin Sam Barney-Gibbs Isabella Insingo Frances Mack Brendan Rego

Modern Languages and Literature Jingying Chen Yuki Holmes Zena Meighan Abbey Robuck

Music Justin Velez

Philosophy and Religion

Julia Aloi Daniel Brecht Russell Fisher Lauryn Holqado Zena Meighan Jill Norbet-Bushinsky Kunj Shah Ashley Shaivitz Kevin Simons

Psychology, Sociology and Anthropology Musa Camara

Theodore B. Wood Prize

To the mechanical engineering student who has made the greatest scholastic improvement during the first two years of the college career

Benedict Amuzu

Academic Regalia

IN MEDIEVAL TIMES, caps, gowns, and hoods were forms of clothing that distinguished clerical and academic groups from the laity. Through the centuries, they have been modified in cut and color to indicate level of attainment within the major branches of knowledge.

The traditional costumes were used in few universities in America before 1880, but with the rapid increase in both the number and size of colleges and universities that took place here in the 19th century, it became necessary to codify the use of academic regalia. Accordingly, in 1893, under the leadership of authorities from several eastern institutions, an intercollegiate commission was formed.

The designations made by that commission have been agreed to by nearly all American colleges and universities. All three parts of the costume — cap, gown, and hood — indicate the required differences. Three factors must be taken into account: the degree — bachelor, master, and doctor; the branch of knowledge — arts, science, engineering, law, etc.; and the institution that granted the degree.

The doctor is entitled to wear the gold cord with tassel on the cap. The gown of the doctorate is preferably silk, open in the front, with full, round sleeves that are barred in either black velvet or velvet of the color used to designate the branch of learning in the hood.

The master's degree gown, according to the code, is of silk or wool and has long sleeves with a slit in the upper part of the sleeve end. The bachelor's degree gown, open or closed, has a long round or pointed sleeve. The hood affords the fullest opportunity for the use of color. Hood linings for all three degree robes are indicative of the college or university by which the degree was granted. Where there are two colors, one is generally arranged as a chevron upon the other. The velvet trim of all hoods indicates the major field of study.

The design for the Lehigh University doctoral degree robe was created in December 2007 by a committee representing faculty, staff, and alumni. The doctoral robe is brown with a brown velvet panel on each side of the front opening. The Lehigh University shield is embroidered into the top of each velvet panel. Three horizontal velvet bars are positioned on the upper part of each of the full, bell-shaped sleeves. The hood measures four feet in length with the inside consisting of brown and white chevrons. The color of the five-inch velvet trim indicates the field of study. The octagonshaped brown velvet tam has a gold metallic bullion tassel.

The Lehigh master's degree gown is brown with extended sleeves and has the Lehigh University shield embroidered on the top left of the gown over the heart. The hood measures three and a half feet in length with three-inch velvet trim.

MAJOR FIELD	HOOD TRIM
Arts and Letters	White
Laws	Purple
Philosophy	
Science	Golden Yellow
Art and Architecture	Brown
Medicine	Green
Engineering	Orange
Education	
Business	
Economics	
Theology	Scarlet
Journalism	Crimson
Public Administration	
Music	Pink

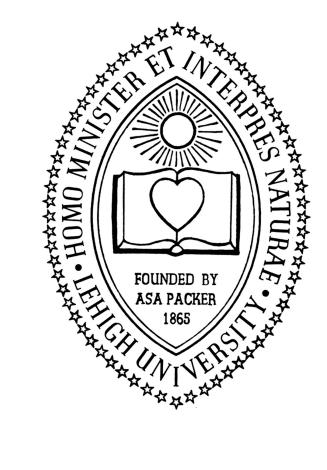
Distinctly Lehigh

The Lehigh Tradition

- Lehigh is a university steeped in history, with beloved traditions dating back more than a century. These customs tie the Lehigh family together, uniting generation after generation of students and alumni.
- The Lehigh-Lafayette football game is the mostplayed rivalry in college football history, with the two rivals playing 159 times since their first showdown in 1884. To commemorate their historic 150th meeting, the teams clashed at iconic Yankee Stadium on November 22, 2014.
- The week leading up to the big rivalry, Spirit Week, is one of the most anticipated weeks of the Lehigh calendar year. The weeklong buildup to the game includes the tradition of Bed Races, where Lehigh students race across campus on modified dormitory beds.
- In Lehigh's early years, out of deference to the upperclassmen, freshmen were expected to follow extensive rules most famously, they were required to wear brown beanies at all times while on campus.

The Lehigh Seal

The university seal depicts a sun over a book on which a heart is superimposed. These elements emulate Francis Bacon's university motto, which frames the seal: "Homo minister et interpres naturae." Loosely interpreted, this motto states: "Man, the servant and interpreter of nature." The shape of the seal — that of a body of a fish — is theological in origin, believed to reflect the founder's affiliation with the Episcopal Church. The outer "scales" of the fish consist of 65 stars, likely representing the year of our founding, 1865.





Lehigh University is first and foremost an educational institution, committed to **developing the future leaders of our changing global society.** Every member of our community has a personal responsibility to acknowledge and practice the following basic principles:

> We **affirm the inherent dignity** in all of us, and we maintain an inclusive and equitable community.

We recognize and celebrate the richness contributed to our lives by our diverse community.

We promote mutual understanding among the members of our community.

We **confront and reject discrimination in all its forms,** including that based on age, color, disability, gender identity, genetic information, marital status, national or ethnic origin, political beliefs, race, religion, sex, sexual orientation, socio-economics, veteran status, or any differences that have been excuses for misunderstanding, dissension, or hatred.

We **affirm academic freedom** within our community and uphold our commitment to the highest standards of **respect**, **civility**, **courtesy**, **and sensitivity** toward every individual.

We **recognize each person's right to think and speak** as dictated by personal belief and to **respectfully** disagree with or counter another's point of view.

We promote open expression of our individuality and our differences within the bounds of **University policies**.

We **acknowledge each person's obligation to the community** of which we have chosen to be a part.

We take **pride** in building and maintaining a culture that is founded on these **principles of unity and respect.**

EHIGH UNIVERSITY

