166тн Commencement Tufts University Sunday, May 22, 2022

THE STATES

Commencement 2022



Commencement 2022

School of Arts and Sciences

School of Engineering

School of Medicine and Graduate School of Biomedical Sciences

School of Dental Medicine

The Fletcher School of Law and Diplomacy

Cummings School of Veterinary Medicine

The Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Jonathan M. Tisch College of Civic Life

University College



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Welcome from the President

Commencement is the high point of the academic year and has always been a special day at Tufts. It gives me immense pleasure to be able to celebrate this day with you in person and welcome all our graduates and their family and friends for this annual celebration.

After a period of rigorous study, intellectual pursuit, and personal growth, our students stand ready to graduate from their respective academic programs and this great university. Today, we celebrate their achievements and recognize all those who have helped make this day possible.

I do not need to remind you of the challenges these past two years have brought for our graduates. They have navigated changing guidelines and varied forms of instruction; practiced personal discipline amidst restrictive recommendations; and overcome bouts of loneliness and mental fatigue. However, through it all, they have shown grace, flexibility, and strength, which have led them to the triumph of this day.

As we confer their degrees today, it is important to recognize the role of all those who have supported our students to reach this moment of success during a particularly trying time. The family members, friends, faculty, and staff who have all worked together to ensure that these graduates were well-equipped to traverse the myriad challenges in their path during their entire time at Tufts deserve our thanks and appreciation.

Our graduates today arrived at Tufts with diverse backgrounds, perspectives, and experiences. As they pursued rigorous courses of study, they also acted as agents of social change who have left their mark on this university. As they depart our campuses, I am confident that each one of our graduates will positively impact our society and the world.

Finally, I would be remiss if I did not acknowledge the high standards today's graduates have set during their time at Tufts. Their resourcefulness in solving challenges and navigating unforeseen circumstances, caring for and picking each other up, and fighting for the rights of all those who are marginalized in our society has set the bar high for future generations of students. We are proud of you and how you have lived your lives as members of the Tufts community.

Congratulations to our graduates. I wish all of you the very best and look forward to welcoming you back on campus as alumni.

Sincerely,

Anthony P. Monaco

President

Tufts University Commencement

Overview of the Day

8:45-9:00 a.m. MUSICAL PRELUDE

8:45 a.m. ALIGNMENT

Degree candidates assemble in areas as designated by marching order card or school.

SCHOOL AREA

School of Arts and Sciences (including In front of Braker Hall, on the Tisch Library roof, School of the Museum of Fine Arts) or in front of Miller Hall (as designated

and School of Engineering by marching card)
raduate School of Arts and Sciences and In front of Houston Hall

Graduate School of Arts and Sciences and Engineering Graduate Programs

Medicine/Graduate School of Riomedical Sciences

Medicine/Graduate School of Biomedical SciencesIn front of Eaton HallDental MedicineCarmichael Dining HallThe Fletcher SchoolBlakeley Hall CourtyardCummings SchoolIn front of Eaton HallThe Friedman SchoolIn front of Eaton Hall

8:45 a.m. Chapel bells begin ringing (last warning for alignment).

9:00 a.m.* PHASE I

Academic procession begins when the bells stop ringing.

9:30 a.m.* ALL-UNIVERSITY COMMENCEMENT CEREMONY BEGINS.

11:00 a.m.* RECESSIONAL—END OF ALL-UNIVERSITY COMMENCEMENT

11:30 a.m.-4:00 p.m.* PHASE II

Ceremonies for individual schools, colleges, and departments follow the all-university Commencement ceremony at the locations listed below.

School of Arts and Sciences: Various locations and times

School of Engineering (bachelor degrees): The Green, 11:30 a.m.

Graduate School of Arts and Sciences: Students should attend the Arts and Sciences departmental ceremony for their specific discipline.

School of Medicine and the Graduate School of Biomedical Sciences:

DOCTOR OF MEDICINE DEGREE AND GRADUATE SCHOOL OF BIOMEDICAL SCIENCES CEREMONY: Gantcher Family Sports and Convocation Center, 11:30 a.m.

PUBLIC HEALTH AND PROFESSIONAL DEGREE PROGRAMS CEREMONY (M.P.H., M.S.-Health Comm., M.S.-Medical Science, M.S.-PREP, M.B.S.): Ceremony in the tent on Alumni Field, 3:30 p.m.

School of Dental Medicine: Carmichael Quad, 11:30 a.m.

The Fletcher School of Law and Diplomacy: Fletcher Field, 11:30 a.m. **Cummings School of Veterinary Medicine:** Grafton campus, 3:00 p.m.

*Times are approximate.

Friedman School of Nutrition Science and Policy: J Field Tent, 4:00 p.m.

Viewing the Ceremony from Indoors

Guests are invited to view the all-university ceremony from several sites around campus. These rooms will open at 8:00 a.m. All sites are accessible.

The following sites will be screening the ceremony:

Cabot Center, ASEAN Auditorium

Cohen Auditorium

Steve Tisch Sports and Fitness Center, Room 301

Rain Plan

Regardless of weather, Phase I and indoor or tented ceremonies in Phase II will take place. *Note for guests:* Please refrain from taking photos in the stage area during the ceremonies.

Graduation Ceremonies: School of Arts and Sciences and School of Engineering

Phase II

Lunch will be served on the lawn adjacent to Tisch Library.

11:30 ceremonies are followed by lunch.

1:30 ceremonies are preceded by lunch.

Africana Studies: 11:30 a.m.-1:00 p.m., ceremony in Cummings Ballroom.

American Studies: 11:30 a.m.-1:00 p.m., ceremony in Cummings Ballroom.

Anthropology: 11:30 a.m.-1:00 p.m., ceremony in Distler Hall, Granoff Music Center.

Arabic: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Archaeology: 11:30 a.m.-1:00 p.m., ceremony in the Cousens Athletic Complex.

Art History/Architecture: 11:30 a.m.-1:00 p.m., ceremony in the Cousens Athletic Complex.

Biochemistry: 1:30-3:00 p.m., ceremony on The Green (between Bendetson and Ballou Halls).

Biology: 1:30-3:00 p.m., ceremony on The Green (between Bendetson and Ballou Halls).

Chemistry: 1:30–3:00 p.m., ceremony on The Green (between Bendetson and Ballou Halls).

Child Study and Human Development:

1:30-3:00 p.m., ceremony in the tent on Bromfield-Pearson lawn.

Chinese: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Civic Studies: 1:30-3:00 p.m., ceremony in the tent on Alumni Field.

Classics: 11:30 a.m.-1:00 p.m., ceremony in the Cousens Athletic Complex.

Cognitive and Brain Sciences: 11:30 a.m.-1:00 p.m., ceremony in the tent on J Field.

Community Health: 1:30-3:00 p.m., ceremony in Cohen Auditorium.

Computer Science (Arts and Sciences):

1:30-3:00 p.m., ceremony in the tent on J Field. (See also School of Engineering below)

Data Analytics: 11:30 a.m.-1:00 p.m., ceremony in the tent on Alumni Field.

Diversity and Inclusion Leadership: 11:30 a.m.-1:00 p.m., ceremony in the tent on Bromfield-Pearson lawn.

Earth and Ocean Sciences (formerly Geology): 1:30-3:00 p.m., ceremony on The Green (between Ballou and Bendetson Halls).

Economics: 11:30 a.m.-1:00 p.m., ceremony in the tent on Alumni Field.

Education: 11:30 a.m.-1:00 p.m., ceremony in the tent on Bromfield-Pearson lawn.

Engineering: (See School of Engineering below)

English: 11:30 a.m.-1:00 p.m., ceremony in Cummings Ballroom.

Environmental Studies: 1:30-3:00 p.m., ceremony on The Green (between Ballou and Bendetson Halls).

Film and Media Studies: 1:30-3:00 p.m., ceremony in Distler Hall, Granoff Music Center.

French: 11:30 a.m.–1:00 p.m., ceremony in Cohen Auditorium.

Geological Studies: 1:30-3:00 p.m., ceremony on The Green (between Ballou and Bendetson Halls).

German: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Greek: 11:30 a.m.-1:00 p.m., ceremony in the Cousens Athletic Complex.

History: 11:30 a.m.-1:00 p.m., ceremony in the Cousens Athletic Complex.

International Literary and Visual Studies:

11:30 a.m.–1:00 p.m., ceremony in Cohen Auditorium.

International Relations: 1:30-3:00 p.m., ceremony in the tent on Alumni Field.

Italian Studies: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Japanese: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Languages (International Literary and Cultural Studies, and Romance Studies): 11:30 a.m.–1:00 p.m., ceremony in Cohen

Auditorium.

Latin: 11:30 a.m.-1:00 p.m., ceremony in the Cousens Athletic Complex.

Latin American Studies: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Mathematics: 1:30-3:00 p.m., ceremony in ASEAN Auditorium, Cabot Center.

Middle Eastern Studies: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Music: 1:30-3:00 p.m., ceremony in Distler Hall, Granoff Music Center.

Occupational Therapy: 11:30 a.m.-1:00 p.m., ceremony in Breed Memorial Hall, 51 Winthrop Street.

Peace and Justice Studies: 1:30-3:00 p.m., ceremony in the tent on Alumni Field.

Philosophy: 11:30-1:00 p.m., ceremony in ASEAN Auditorium, Cabot Center.

Physics and Astronomy: 1:30-3:00 p.m., ceremony on The Green (between Ballou and Bendetson Halls).

Political Science: 1:30-3:00 p.m., ceremony in the tent on Alumni Field.

Psychology: 11:30 a.m.-1:00 p.m., ceremony in the tent on J Field.

Religion: 11:30 a.m.-1:00 p.m., ceremony in Distler Hall, Granoff Music Center.

Russian: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

School of Engineering: 11:30 a.m.-1:00 p.m., ceremony on The Green (between Ballou and Bendetson halls). Ceremony includes Biomedical Engineering, Chemical and Biological Engineering, Civil and Environmental Engineering, Computer Science, Electrical and Computer Engineering, and Mechanical Engineering.

School of the Museum of Fine Arts (SMFA): 1:30-3:00 p.m., ceremony in Cummings Ballroom.

Science, Technology, and Society: 11:30 a.m.-1:00 p.m., ceremony in Distler Hall, Granoff Music Center.

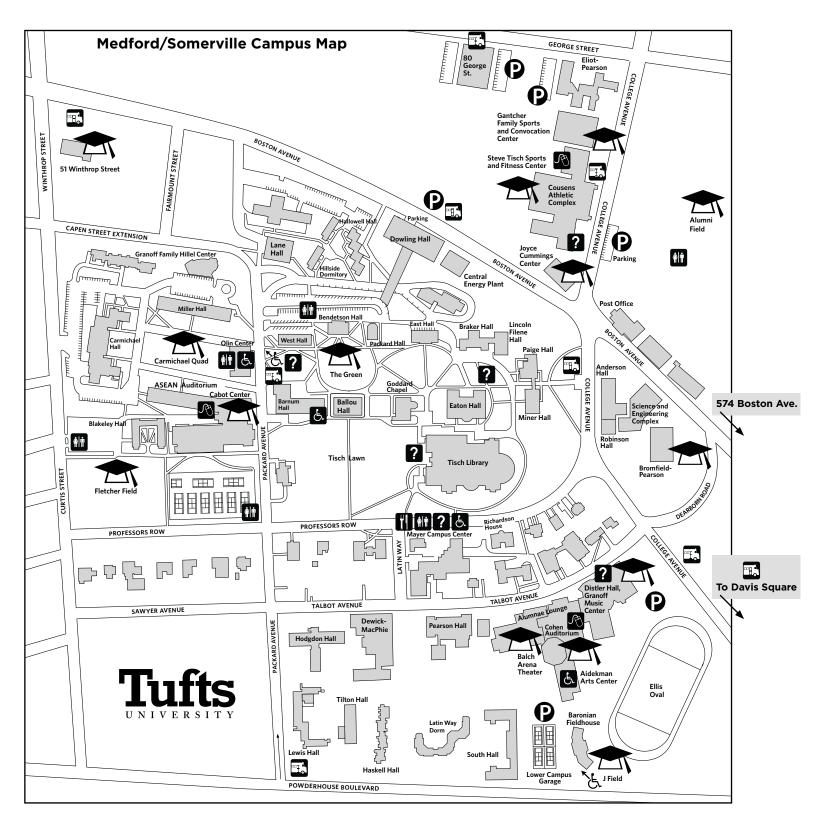
Sociology: 11:30 a.m.-1:00 p.m., ceremony in Distler Hall, Granoff Music Center.

Spanish: 11:30 a.m.-1:00 p.m., ceremony in Cohen Auditorium.

Theatre, Dance, and Performance Studies: 1:30–3:00 p.m., ceremony in Distler Hall, Granoff Music Center.

Urban and Environmental Policy and Planning: 1:30-3:00 p.m., ceremony in Balch Arena Theater, Aidekman Arts Center.

Women's, Gender, and Sexuality Studies: 11:30 a.m.-1:00 p.m., ceremony in Distler Hall, Granoff Music Center.





Shuttle Stops

Campus Loop and Davis Square



Information Booths

Packard Avenue in front of West Hall, near Eaton Hall; in front of Tisch Library, Cousens Athletic Complex, Mayer Campus Center, and Granoff Music Center



Accessible Drop-off Locations

Packard Avenue, next to The Green; Powderhouse Boulevard, next to J Field



Web Viewing Areas

ASEAN Auditorium, Cabot Center, Cohen Auditorium, and Steve Tisch Sports and Fitness Center Room 301



First Aid

Patrons needing medical attention should notify any uniformed official.



Graduation Ceremony Locations



Restrooms

Behind West Hall; in front of the tennis courts on Packard Avenue; near Alumni Field; near Blakeley Hall; and at the Mayer Campus Center



Accessible Restrooms

Barnum Hall, Olin Center, Mayer Campus Center, and Aidekman Arts Center



Food Service

Mayer Campus Center

Class Year Abbreviations

A	College of Liberal Arts
D	School of Dental Medicine
DG	Dental Certificate Master's Degree
E	School of Engineering
F	Fletcher School
G	Graduate Degree
н	Honorary Degree
J	Jackson College
М	School of Medicine
GBS	Graduate School of Biomedical Sciences
SMFA	School of the Museum of Fine Arts
N	Friedman School of Nutrition Science and Policy
P	Parent of Student
v	Cummings School of Veterinary Medicine

Commencement 2022

166тн сомменсемент University Commencement

University Commencement

Order of Events

Musical Prelude Tufts University Wind Ensemble

John McCann, Director

Paul J. Tringale, Secretary of the Corporation **Commencement Marshal**

Processional

Presenter Kendra Taira Field, Associate Professor of History

Alumni Marshal ${\it Michelle\ Millett, Representing\ the\ 25th\ Reunion\ Class}$

National Anthem Emma Na-yun Downs A22

Ismenia Inmaculada Ginebra A22

Mona June Tavangar A22

Invocation The Reverend Elyse Nelson-Winger, University Chaplain

Welcome Anthony P. Monaco, President of the University

Conferring of Honorary Degrees Anthony P. Monaco, President of the University

Recipients of Honorary Degrees Callie Crossley, Doctor of Humane Letters

> Pablo Eduardo, Doctor of Fine Arts Jane Frommer, Doctor of Science Lonnie King, Doctor of Science Asad M. Madni, Doctor of Engineering

Erika Lee, Doctor of Humane Letters

The Commencement Address Erika Lee

University Commencement

Order of Events

Recipients of Emeritus/a Certificates

Elizabeth Ammons, School of Arts and Sciences John Berg, Cummings School of Veterinary Medicine

David Eugene Clark, School of Medicine

Richard C. Eichenberg, School of Arts and Sciences Nan Burks Freeman, School of Arts and Sciences Anne F. Gardulski, School of Arts and Sciences Christos Georgakis, School of Engineering Paul Joseph, School of Arts and Sciences Ikumi Kaminishi, School of Arts and Sciences

Henry Klapholz, School of Medicine Michael A. Lew, School of Medicine Sara Lewis, School of Arts and Sciences Barbarajean Magnani, School of Medicine Virgil Serban Manica, School of Medicine Steven P. Marrone, School of Arts and Sciences Daniel W. McCusker, School of Arts and Sciences Gilbert E. Metcalf, School of Arts and Sciences Zbigniew Henry Nitecki, School of Arts and Sciences Jan A. Pechenik, School of Arts and Sciences

Lynne Marie Pepall, School of Arts and Sciences Albert Robbat, School of Arts and Sciences Michelle Samour, School of Arts and Sciences Anthony L. Schlaff, School of Medicine Leslie G. Selbovitz, School of Medicine George E. Smith, School of Arts and Sciences Bjorn Steffensen, School of Dental Medicine Sheriden Etoile Thomas, School of Arts and Sciences

Susan Patricia Torrey, School of Medicine Mary Viola, School of Engineering

Recognition of Honos Civicus Inductees

Dayna L. Cunningham, Dean of the Jonathan M. Tisch College of Civic Life

Conferring of Degrees in Course

Anthony P. Monaco, President of the University Peter R. Dolan, Chairman, Board of Trustees Caroline Attardo Genco, Provost and Senior Vice President ad interim

Remarks

Peter R. Dolan, Chairman, Board of Trustees

Closing

Anthony P. Monaco, President of the University

Benediction

Najiba Akbar, Muslim Chaplain

After the benediction and recessional of the platform party and the faculty, graduates' guests are invited to attend the second portion of the Commencement exercises at the various sites.

University Commencement

Dear Alma Mater

Leo R. Lewis A1887

We con, beside thy knee, Dear Alma Mater, Earth's book of mystery, Dear Alma Mater. We track the storied past, Dear Alma Mater, Over plains of learning vast, Dear Alma Mater! Speed on thy sunlit way, Dear Alma Mater, We vow new faith today, Dear Alma Mater! May glory light thy name, Dear Alma Mater, All thy children sing thy fame, Dear Alma Mater, For aye!

Elliot Wright Hayes A1916

Tuftonia's Day

Steady and true, rush along, Brown and Blue. Raise a mighty score today. Fearless tear down the field and never yield! Brown and Blue, Brown and Blue for aye! Hammer them hard, boys, and break through their guard. That is old Tuftonia's way. And our glorious banner once again will wave o'er Tuftonia's Day. T-u-f-t-s, T-u-f-t-s, Hurrah! Hurrah! for dear old Brown

Refrain:

and Blue!

Up on the Hill tonight all will be gay. Victorious in the fight, we'll raise the standard of dear old Tufts to glory! Pile up a mighty score. It's bound to soar. Now one goal more! Nothing can stop us; it's Tuftonia's Day.

Academic Mace

Ceremonial maces were originally carried as a symbol of royal authority, dating back to the Middle Ages. The academic mace is a symbol of the authority invested in the president by the university's governing body. Tufts' mace is adorned with a medallion engraved with the official seal of the university and is carried before the president in academic processions in formal ceremonies such as commencement and inaugurations. The mahogany stand displaying the mace was designed and built by students from Medford Vocational Technical High School and was presented to President Monaco in April 2015.

Academic Regalia

Traditional academic regalia has been worn by the Tufts faculty since the Commencement of 1906. The gown for the bachelor's degree has pointed sleeves and is designed to be worn closed. The master's gown has elbow-length, pointed sleeves; the doctor's gown has bell-shaped sleeves; both may be worn open or closed. The doctor's gown is faced, and the sleeves are trimmed with velvet. By its color and arrangement, the hood worn with the gown indicates the wearer's highest advanced degree, the field in which it was awarded, and the school from which it came. The lining of the hood carries the school's colors, brown and blue in the case of Tufts. The velvet edging on the hood, wider for the doctor's degree than for the master's degree, signifies by its color the field in which the degree was designated. Master of science and doctor of science hoods are trimmed in yellow; engineering in orange; medicine in green; dental medicine in lilac; doctor of philosophy in blue; and veterinary medicine in gray. The mortarboard or Oxford-type cap is the one usually worn, but of late, the soft cap, which resembles an oversized beret, has come into favor because of its comfort. Tassels, other than the universally accepted black, may indicate by the various colors the field of learning in which the degree is earned, while the gold tassel generally signifies a doctoral degree. Many foreign universities show great diversity, following traditions that extend back for centuries.

An accomplished journalist, commentator, and storyteller, CALLIE CROSSLEY is the host of the radio show and podcast "Under the Radar with Callie Crossley," which airs each Sunday on GBH Radio. She hosts "Basic Black" on GBH-TV, which focuses on current events impacting communities of color. And each Monday, her essays from her award-winning radio series air during GBH's "Morning Edition." Crossley is a frequent commentator on local and national television and radio programs and has been quoted in a variety of publications, including The Washington Post and Vanity Fair. She was the subject of a major feature published in the August 2021 edition of Boston Magazine.

A former producer for the ABC News show "20/20," Crossley is a Council of Independent Colleges Visiting Fellow (formerly Woodrow Wilson Visiting Fellow). In this capacity, she guest lectures at colleges and universities about media literacy, media, and politics, and the intersection of race, gender, and media.

Crossley has won multiple TV, radio, and film awards, including the prestigious duPont-Columbia Gold Baton award and an Academy Award nomination for her work as producer on the documentary series "Eyes on the Prize: America's Civil Rights Years." She has also earned top honors for both her commentary and hosting/ interviewing talent, including local and national Emmys, and awards from the Associated Press, the Edward R. Murrow and Clarion organizations, and the Public Media Journalists Association.

Crossley has been honored with many community awards, including, most recently, the 2019 Yankee Quill Award from the New England Newspaper & Press Association, the 2019 Justice in Action Award from Jane Doe Inc., and Get Konnected!'s 2021 50 Most Impactful Black Women. She is also featured in the 2011 book, *Boston*, Inspirational Women (Three Bean Press), co-authored by award-winning photographers Bill Brett and Kerry Brett, with Carol Beggy.

She was both a Nieman Fellow and an Institute of Politics Fellow at Harvard University. In 2013, she was honored as a distinguished alumna of Wellesley College and was named to Wellesley's Board of Trustees in 2017. Crossley holds three honorary degrees, from Wheaton College, Pine Manor College, and Cambridge College.

Crossley will receive an honorary Doctor of Humane Letters degree.

The sculptures of PABLO EDUARDO, A94, embrace his Spanish-American heritage while marrying decades of training with an intimate understanding of his craft. The artwork of the Bolivian-born sculptor captures a snapshot of artistic metamorphosis as it simultaneously celebrates rhythm, emotion, texture, and tension. His distinctive style creates compelling pieces of contemporary art—and its Baroque influences converse with the past. He deftly captures balance and precise movement, both physically and emotionally, to reveal a transcendent artistic experience for the viewer.

Eduardo attended the School of the Museum of Fine Arts, Boston, and earned his bachelor's degree in fine arts from Tufts in 1994. As an undergraduate, he learned about the body's potential for artistic manifestation and honed his understanding of the human form by studying anatomy at Tufts University School of Medicine. Today, he unifies the disciplines of art and anatomy with an intimate sense of natural dynamism in each sculpture, elegantly deconstructing his subjects—and then resurrecting them

For almost 30 years, Eduardo has been a significant contributor to public art in the United States and internationally. Although he has a vast collection of public works in the Republic of Bolivia, his foremost collection of public art is in the United States. Among his recent notable North American installations are the Boston Marathon Bombing Memorial and the statue of Henri Termeer in Cambridge, Mass. There is also a 10-foot interactive bronze sculpture of former Boston Mayor Kevin White prominently featured in Faneuil Hall. His 15-foot St. Ignatius of Loyola sculpture at Boston College celebrates a harmonious marriage between aesthetic and spiritual renewal.

In 2007, Eduardo was chosen to sculpt César Chávez as the first monument to a Hispanic person to be installed on the University of Texas at Austin campus. On his commission for the civil rights leader's sculpture, Eduardo reflected, "I am truly honored to have the opportunity to sculpt the journey of one of my personal heroes. When I was growing up as an exile, my family looked up to him as an example of tenacity and resilience. This concept of adaptability and innovation had a direct impact on my own creative revolution. It has been the cornerstone of my artistic approach."

Eduardo will receive an honorary Doctor of Fine Arts degree.

The leadership of **JANE FROMMER**, J76, and the impact of her discoveries illustrate there is a role for nontraditional pathways through science. Her ease in crossing boundaries between disciplines began at the Experimental College at Tufts, with coursework ranging over an unlikely combination of transformational linguistics, Soviet studies, mythology in art, and teaching English to Portuguese-speaking campus staff. As a path-breaking scientist, so too has she moved comfortably among roles: as visiting faculty in Brazil, Switzerland, Japan, and France; principal investigator at IBM Research; National Science Foundation advisor; American Chemical Society (ACS) organizer; and collaborator-mentor to students and scientists worldwide in the emerging field of nanotechnology.

A highlight of Frommer's career is her groundbreaking research on the nanoscale-before the term nanotechnology was even coined—and its application to practical realworld problems of importance to research, development, and manufacturing quality. Her knowledge of organic chemistry and molecular behavior broadened the impact of nanoscale characterization, which is now required instrumentation in materials science research facilities worldwide. Her blend of fundamental and applied studies on the molecular underpinnings of material behavior in interdisciplinary spaces between chemistry, physics, and engineering drew into her lab a flow of students, visiting scientists, and collaborative startups. By hosting a steady stream of collaborators with her lab's tools and techniques, she provided a "nanolab" model for those scientists establishing their own in-house facilities. Working together, they contributed to an international effort that laid the groundwork for nanoscience.

Since leaving IBM in 2018, Frommer has been engaged as an advisor to Google in efforts to make vast troves of molecular data available to scientists and the public. She also advises both startups and established companies in Silicon Valley in the areas of instrumentation, characterization, and nanomaterials. She plays an active role in the Silicon Valley ACS, serving as chair in 2016 and currently acting as a councilor with a focus on updating ACS relevance for young professionals. A devoted mentor at the high school, college, postgraduate, and early professional levels, Frommer lectures at universities and guest teaches at selected high schools with high minority populations. She established research internship programs for students who are the first in their families to attend college.

In addition to her bachelor of science degree in chemistry from Tufts (with undergraduate research at MIT), she holds a Ph.D. in organometallic chemistry from Caltech. She has more than 100 publications in refereed journals, 14 refereed book chapters, and more than 50 patents. In 2015, she was inducted as an ACS Fellow, and in 2017, she received the ACS Award in Industrial Chemistry. In 2020, she received the Perkin Medal for her pioneering work on materials at the nanoscale.

Frommer will receive an honorary Doctor of Science degree.

Numerous leadership roles—including his service as a dean for three universities—have been part of **LONNIE KING**'s distinguished global career in animal and public health. He has served most recently as the interim dean of the College of Food, Agricultural, and Environmental Sciences at The Ohio State University, where he also served as the vice president for agriculture. At Ohio State, King held the Ruth Stanton Endowed Chair and served as executive dean for the university's seven health science colleges and as dean of the College of Veterinary Medicine.

Before Ohio State, King was the first director of what is now the National Center for Emerging and Zoonotic Infectious Diseases at the Centers for Disease Control and Prevention. There, he led activities for surveillance, diagnostics, disease investigations, epidemiology, research, public education, policy development, and disease prevention and public health concerns. Before serving as director, he was the first chief of the agency's Office of Strategy and Innovation.

At Michigan State University's College of Veterinary Medicine in the late 1990s, King led the college's academic programs, research, teaching hospital, Diagnostic Center for Population and Animal Health, basic and clinical science departments, and outreach and continuing education programs. He was also professor of large animal clinical sciences and a distinguished university professor.

In 1992, King was appointed administrator for the U.S. Department of Agriculture's Animal and Plant Health Inspection Service, where he worked to ensure the health and care of animals and plants, improve agricultural productivity and competitiveness, and contribute to the national economy and public health. For five years, King served as the country's chief veterinary officer, working extensively in global trade and closely with the World Organisation for Animal Health.

King received his bachelor of science and doctor of veterinary medicine degrees from The Ohio State University, his master of science in epidemiology from the University of Minnesota, and his master's degree in public administration from American University. He is a board-certified member of the American College of Veterinary Preventive Medicine and has completed the Senior Executive Fellows program at Harvard University. He was elected to the National Academy of Medicine of the National Academy of Science in 2004. He has received the Global One Health Award from the World Small Animal Veterinary Medical Association and the Meritorious Service Award from the World Organisation for Animal Health. He has recently completed his term as vice chair for the Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria and continues his research and programs to advance the science of the CDC's One Health program.

King will receive an honorary Doctor of Science degree.

Award-winning historian and author **ERIKA LEE**, Jo1, is Regents Professor of History and Asian American Studies and director of the Immigration History Research Center at the University of Minnesota. The granddaughter of Chinese immigrants, Lee grew up in the San Francisco Bay Area before attending Tufts and later receiving her Ph.D. from the University of California, Berkeley.

Today, she is one of the nation's leading immigration and Asian American historians. She has received grants and fellowships from the National Endowment for the Humanities and the Social Science Research Council, and was the recipient of the Andrew Carnegie Fellowship (also known as the nation's "Brainy Award"). She is the author of four award-winning books, including At America's Gates: Chinese Immigration during the Exclusion Era, 1882–1943 (University of North Carolina Press); Angel Island: Immigrant Gateway to America (co-authored with Judy Yung, Oxford University Press); and The Making of Asian America: A History (Simon & Schuster). The last was the recipient of the 2015 Asian/Pacific American Award for Literature from the Asian Pacific American Librarians Association and was named an Editor's Choice by The New York Times and one of the Best Nonfiction Books of 2015 by Kirkus Reviews.

Lee's newest book is America for Americans: A History of Xenophobia in the United States (Basic Books). Called an "essential reading" by Ibram X. Kendi, America for Americans won the American Book Award and the

Asian/Pacific American Award for Literature. Named to best books lists by Time, USA Today, and Ms. Magazine, it was highlighted by The Washington Post, The New York Times, and the New York Public Library as one of the most important books illuminating the Trump era and informing essential issues in the 2020 election.

At the Immigration History Research Center, Lee co-founded and directs several digital humanities projects, including the *Immigrant Stories Project*, which works with recent immigrants and refugees to collect, preserve, and share their experiences; the #ImmigrationSyllabus, a digital educational resource offering historical perspectives to contemporary immigration debates; and Immigrants in COVID America, a publicly accessible resource exploring the impact of the pandemic on immigrants and refugees in the United States.

Known for her advocacy work as well as her scholarship, Lee has received numerous honors and awards, including the Asian Pacific American Advocates Pioneer Award and the Immigrant Heritage Award from the Angel Island Immigration Station Foundation. She was recently elected president of the Organization of American Historians, is a member of the American Academy of Arts and Sciences, and has testified before Congress in its historic hearings on anti-Asian discrimination and violence.

Lee is a regular commentator in the media, including featured interviews in PBS' "Asian Americans" and "The Chinese Exclusion Act," in the History Channel's "America: Promised Land," and on Bill Moyer's "Becoming American: The Chinese Experience." Her opinion pieces have been published in The Washington Post, the Los Angeles Times, and Time.

Lee will receive an honorary Doctor of Humane Letters degree.

ASAD M. MADNI has long been recognized for, in the words of the National Academy of Inventors, his "highly prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on quality of life, economic development, and the welfare of society." From 1992 until the completion of its \$600 million acquisition by Schneider Electric in 2006, Madni served as president, COO, and CTO of BEI Technologies, leading the development and commercialization of intelligent sensors, systems, and instrumentation for which he has received worldwide acclaim. The images from the Hubble Space Telescope that have enhanced

our understanding of the universe are the result of unprecedented pointing accuracy and stability afforded by BEI's Extremely Slow-Motion Servo Control System for the telescope's Star Selector System. Another revolutionary technology, the MEMS GyroChip®, provides electronic stability control and rollover protection in passenger vehicles worldwide—saving millions of lives every year.

Prior to BEI, Madni was with Systron-Donner Corporation for 18 years in senior technical and executive positions, eventually serving as chairman, president, and CEO. He made seminal contributions to the development of radiofrequency and microwave systems and instrumentation, which significantly enhanced the capabilities of the U.S. Tri-Services and U.S. allies. He is currently a distinguished adjunct professor and distinguished scientist at University of California, Los Angeles, a faculty fellow at the UCLA Institute of Transportation Studies, a faculty fellow at the UCLA Connected Autonomous Electric Vehicle Consortium, and executive managing director and chief technical officer of Crocker Capital.

He received an associate's degree in applied science from RCA Institutes Inc., bachelor's and master's degrees in science from UCLA, a Ph.D. from California Coast University, and an S.E. from MIT Sloan School of Management. He is credited with more than 200 refereed publications, 69 issued or pending patents, and is the recipient of numerous national and international honors and awards, including the 2022 Medal of Honor, the highest honor awarded by the Institute of Electrical and Electronics Engineers (IEEE). In 2011, he was elected to the National Academy of Engineering, and in 2014 he was elected a Fellow of the National Academy of Inventors. He has also been elected a fellow/eminent engineer to 18 of the world's most prestigious academies and professional societies, including the Royal Academy of Engineering and the Canadian Academy of Engineering. He has been awarded five honorary doctoral degrees and six honorary professorships. In 2019, Eta Kappa Nu, the honor society of the IEEE, named its top award in his honor, in recognition of his nearly 50 years of technical and philanthropic accomplishments and visionary leadership.

Madni will receive an honorary Doctor of Engineering degree.

Commencement 2022

166тн сомменсемент School of Arts and Sciences

> 152ND COMMENCEMENT School of Engineering

School of Arts and Sciences

Order of Events

Undergraduate and graduate students in the School of Arts and Sciences participate in department ceremonies. Each celebration has a unique order of events that reflects the character of the departments involved.

We invite you to enjoy the ceremonies (see page 8). The recognition of our students is well-deserved. We congratulate all of our graduates for their academic achievement and wish them well in the future.

Ceremony Hosts

Bárbara Brizuela, Dean of the Graduate School of Arts and Sciences and Dean of Academic Affairs for the School of Arts and Sciences

Jacqueline S. Dejean, Associate Dean for Diversity and Inclusion for the Graduate School of Arts and Sciences and Associate Dean for Research for the School of Arts and Sciences

Kevin Dunn, Vice Provost for Faculty Affairs

James M. Glaser, Dean of the School of Arts and Sciences

Nate Harrison, Dean of the School of the Museum of Fine Arts ad interim and Dean of Faculty for the School of the Museum of Fine Arts

Camille Lizarríbar, Dean of Student Affairs and Chief Student Affairs Officer for the School of Arts and Sciences and the School of Engineering

Carmen Lowe, Dean of Academic Advising and Undergraduate Studies for the School of Arts and Sciences

Heather S. Nathans, Dean of Academic Affairs for the School of Arts and Sciences and Associate Dean for Diversity and Inclusion for the School of Arts and Sciences

Ayanna K. Thomas, Dean of Research for the School of Arts and Sciences

Samuel W. Thomas, Dean of Academic Affairs for the School of Arts and Sciences

School of Engineering

Order of Events

Presenter Chris Swan, Dean of Undergraduate Education

Greetings Kyongbum Lee, Dean of Engineering ad interim

Remarks Dr. Asad M. Madni, President, COO and CTO (Retired), BEI Technologies, Inc.

and Distinguished Adjunct Professor, University of California, Los Angeles

Recognition of Graduate Degrees Kyongbum Lee, Dean of Engineering ad interim

Presentation of Undergraduate Degrees Kyongbum Lee, Dean of Engineering ad interim

Chris Swan, Dean of Undergraduate Education

Department Chairs

Closing Remarks Kyongbum Lee, Dean of Engineering ad interim

Undergraduate Awards and Department Prizes

Competitive Prizes

The Phyllis Karno Dean's Award for Leadership and **Academic Excellence**

Manav Y. Basavarajappa E24 Arysha Madhani A24 Trisha M. Musall A24

The Martin Guterman Award

Klara Chura A25

The Theresa McDermott Carzo Award

Sergio Sacramone-DeLeon A23

The Resumed Education for Adult Learners Prize Scholarship

Rebecca Negreli A22

The Gregory H. Arabian, A54, Air Force Prize Fund

Odin Doolittle E23

The Army ROTC **Prize Award**

Quinton C. Abrecht A22 Connolly J. Ferraro A23

The Anne E. Borghesani **Memorial Prize**

Oliver M. Bentley A24 Amelia Miller A23 Sophia Beatriz Salomao Costa A23 Lauren E. Soherr A23 Simon P. Weiss A24

The Marshall Hochhauser Memorial Prize

Jacob A. Shaw A22 Lauren E. Soherr A23

The Wendell Phillips Memorial Scholarship Award

René A. LaPointe Jameson E22

The Nadia Medina Prize

William Mueller A22 Raksha R. Ramanan A23

The Elizabeth Verveer Tishler Prize in Music Performance

Ismenia I. Ginebra A22

General Prizes and Scholarships

The Alpha Omicron Pi Prize Scholarship

Beverly C. Udegbe A23

The Alpha Xi Delta Prize Scholarship

Ishan R. Ahuja E23

The Association of Tufts Alumnae 75th **Anniversary Award**

Lidya Woldeyesus A22

Nadine Aubry Grand Challenges Prize

Bangyao Sun A22 Patrick T. Wright E22

The Bennett Memorial Scholarship

Hayley Bernstein A23

The Benjamin G. Brown Scholarship

Jonathan B. Conroy E22 John T. Davis E22 Aaron Gould E22 Joseph P. Harmon A22 Jordan A. Smiley E22 Jessie J Yang A22

The Gemma Cifarelli **Memorial Scholarship**

Mariel A. Priven A23 Naitian Zhang A23

The Prize Scholarship of the Class of 1882

Nashielli Diaz E22 Mona J. Tavangar A22

The Class of 1898 Prizes

Marc L. Descoteaux A22 Thomas J. Felt E22 Varshini Ramanathan E23 Aidan J. Schaffert A22

The Class of 1911 **Prize Scholarships**

Matias A. Aranguiz E22 Qingzeng Gao A22 Sophie L. Girard E22 Ye Lim Kim E22 Daniel J. Meakem A23 Destiny C. Porte A22

The Class of 1942 **Prize Scholarship**

Junxing Gu A22 Joshua S. Hochberg A22 Kathryn M. Lazar E22 Leanne Loo A22 Nathaniel Z. Orbach A22 Jordan A. Smiley E22

The Community Service Award

Sara Barkouli A22

The Donald A. Cowdery Memorial Scholarship

Brendan T. Hartnett A23 Olif S. Hordofa E22 Anton P. Shenk A22 Alejandro G. Viveros A22 Samantha Wilner A22

The de Florez Prize in **Human Engineering**

Kelly Chin A22 Caleb E. Jeanniton E22 Zhaoyi Wang A24

The Diversity, Equity, **Inclusion**, and Justice **Service Award**

Enrique E. Rodriguez E23

The Alex Elias Memorial **Prize Scholarship**

Meghan R. Davis E23 Zackary B. Dresens E22 Shloke Sahay E23 John E. Trahan A22

The Frederick M. and **Dorie Ellis Prize**

Matthew E. Lane A22 Hannah A. Neilon E22 Lia P. Rotti A23 Rachel S. Wagner A22

The Ivan Galantic **Special Achievement in Humanities Prize**

Caroline J. Craig A22

The Audrey Butvay Gruss Science Award

Claudia P. Aranda Barrios A23 Sarrah M. Hakimjee A23 Diamond N. Mensah E23 Toki K. Nishikawa E23

The Audrey L. Hale Prize

Huyền K. Pham E22

The Ethel M. Hayes **Scholarship**

Ryan R. Hernandez A22 Joslin Regalado A22

The Lewis F. Manly **Memorial Prize**

Colette B. Smith A22

The Lt. Commander **Robert James Manning Memorial Prize**

Hailey McKelvie E22 Christina E. Uhlenbrock E22

The Ellen C. Myers **Memorial Prize**

Katelyn E. Malvese A23 Jun K. Seo A22 Clara X. Smith A25

The Class of 1947 Victor **Prather Prize**

Eoghan B. Downey A22 Rachel A. McGinn E22 Rebecca A. Tenner A23 Matthew T. Zackin E22

The Pride on the Hill Award

Nadia K. Rosales A22 Allison A. Sweeney G1

The Charles F. Seymour Ir. Prize

Rebecca A. Miller E22

The Philip E. A. Sheridan, M.D., Prize

Madeline W. Wong A22

The Tufts University **Alumni Association Award**

Vivian Michaeli A22

Undergraduate Awards and Department Prizes

School of Arts and Sciences

Anthropology

The Department of **Anthropology Prize** Ana Salazar Ramirez A22

Archaeology

The Marianne J. H. Witherby Prize in **Archaeology**

Madeline W. Wong A22

Art and Architecture

The Architectural **Studies Prize**

Mallory Baus E22 Jihun Kang A22

The Art and Art **History Prize**

Emilia R. Cottignoli A22 Tara Jackson A22

Biology

The Thomas Harrison **Carmichael and Emily Leonard Carmichael Prize Scholarship**

Maxwell J. Allison A22 Caitlin E. Ball A22 Luana M. Machado A22

The Anna Quincy Churchill Prize in General Biology Alanna K. O'Callahan A24

The Lily Glidden Award

Isabel E. Grant V22 Eleanor I. Matthews A22

The Paula Frazier **Poskitt Scholarship** Sydney L. Moore A23

Chemistry

The R. M. Karapetoff Cobb **Chemistry Fund**

Allison M. Cremer A23 Lauren E. Kenney A23 Lauren A. Ling A23 Ana Carolina Teixeira Salgado Pinto Lopes A23

The Durkee Scholarships

Corey Adam Bryton A25 Carina M. Carlos A22 Marc L. Descoteaux A22 Tara N. Lowensohn A22 Kevin J. Schult A22 Mitchell H. Shapiro-Albert A22

The Margaret Durkee **Angell and Henrietta Brown Durkee** Scholarship Fund

Andrea X. Foo A22 Hannah J. Kerber A22 Amulya S. Mutnuri A22

The Max Tishler Prize Scholarship

Chi K. Chan A23 Christopher J. Deschenes A23 Eric A. Grin A23 Julia L. Silberman A23

Child Development

The Eliot-Pearson Department of Child **Development Prize**

Ismenia I. Ginebra A22 Linnea M. Otto A22

Classics

The Boston Greek Prize Christopher M. Petrik A24

The William Frank **Wyatt Prize**

Madeline C. Huh A24

Iohn W. & Katherine L. Zarker Award for Excellence in **Classical Studies**

Michael D. Friedman A22

Community Health

The Endowed Janice **Spencer Calkin Community Health Award**

Siwaar Abouhala A23 Beverly C. Udegbe A23

Computer Science

The James Schmolze Prize for Excellence in **Computer Science** Alexandra M. Scott A22

Earth and Ocean Sciences

The James D. Hume Field **Geology Scholarship Prize**

Hanh-Tu E. Do A22 Maya J. Sze A23

The Robert L. Nichols Scholarship Prize

Lara K. Williams A22 Ethan J. Yan A23

The Charles E. **Stearns Prize**

Rose M. Malanga A22

Fconomics

The Charles G. Bluhdorn **Prize in Economics** Junxing Gu A22

The Marion Ricker Houston Prize Scholarship

Ava D. Durant A22 Julia L. Garfinkel A22 Russell E. Yip A22

The Daniel Ounjian Prize in Economics

Smrithi Eswar A23 Jackson K. Lubke A23

English

The Mary Grant **Charles Prize**

Simone P. Barr A22 Natalie F. Charewicz A22 Taylor E. Jacobs A23

The Morton N. Cohen **Creative Writing Award**

Douglas J. Sandler A22 Ariel Y. Tanoto A23

The Department of **English Prize**

Mia C. Chung A22

Environmental Studies

The Nancy W. Anderson **Award for Environmental** Sustainability

Nicholas N. Dorian G5 Muriel C. Horvath A22

History

Daughters of the Revolution Prize Scholarship

Andrea S. Horn A22

The Albert H. Imlah **European History Prize**

Alexander H. Rowe A22 Lily R. Siegel A22

The Albert H. Imlah **Excellence in History Prize**

Michael D. Friedman A22 Klea Hysenbelli A22

The Russell E. Miller **History Prize**

Andrew C. Rodgers A22 Jason I. Smith A25

International Literary and Cultural Studies

The Arabic Language, **Culture and Literature Prize**

Simone J. Lipkind A22 Ellen M. Miller A22

The Robert Asch Award Ludmia Joseph A23

The Chinese Program Alumni Prize

Tamara Liang A22 Rachel L. Miller A22

The Chinese Language and Literature Prize Abigail J. Schell A22

The Susan Feigenbaum Memorial Prize in

Judaic Studies Samantha C. Greene A23 Ryan J. Kadet A24

The International Literary and Visual Studies Prize

Emilia R. Cottignoli A22 Hee Yong S. Kim A23 Elijah J. van der Rijn A22

The Japanese Language and Literature Prize

Spyridoula A. Potamopoulou A22

Undergraduate Awards and Department Prizes

The Pauline and Peter Kozachok Prize Fund

India R. Cabot A22 Lucas D. Levine A22 Akbota Saudabayeya A22

The William Howell Reed Prize in German

Lara K. Williams A22

The Russian Prize Ashley M. Aron A22

The Joseph and Sara Stone Prize Eva Bibas A22

Mathematics

The Ralph S. Kaye **Memorial Prize**

Reed Spitzer A22

Music

Professor William J. King **Applied Music Award** Jackson B. Dempsey A25

The Mabel Daniels Prize in Music and Literature

Isabelle R. Essman A22

The Outstanding Achievement Award in the Department of Music

William A. Cohen A22 Ella M. McDonald A22

The Etta and Harry Winokur **Award for Outstanding** Achievement in Artistic or **Scholarly Work**

Matthew D. Diamond E22 Mabel D. Pence A22

The Etta and Harry Winokur Award for **Outstanding Contribution** to Performance

Mona I. Tavangar A22 Matthew H. Zimon A22

Philosophy

The Helen Morris **Cartwright Memorial Prize**

Claire E. Ganiban A22 Iman K. McPherson A22 Zosia G. Stafford E22

Physics

The Amos Emerson Dolbear **Scholarships**

Hannah W. Magoon E23

The N. Hobbs Knight Prize **Scholarship in Physics**

Alexander R. Denby A22 Felix J. Yu E22

Political Science

The James Vance Elliott Political Science Prize

Max S. Miller A22 Lidya Woldeyesus A22

Psychology

The Class of 1921 Leonard **Carmichael Prize Scholarship Fund**

Miela Efraim A24 Thomas A. Giauque A23 Lillian R. Marinelli A23 Abigail I. Pomeranz A23 Sergio Sacramone-DeLeon A23

The Thomas Harrison **Carmichael and Emily Leonard Carmichael Prize Scholarship**

Natalie E. Kane A23 Kai T. Renshaw A23 Hector Rivera Bermudez A22 Elijah J. van der Rijn A22

The Priscilla N. **Dunne Prize**

Hasan B. Abdel-Nabi A22 Juliette A. Bichon A22 Emily J. Bivins A22 Laporsha Dees A22

The Sal Soraci Prize

Camille C. Rehkemper A22

The Joanne Mary Sullivan Award

Doga Cetinkaya A22 Francesca B. de Marneffe A22 Mohamed A. Samater A22

Religion

The Department of **Religion Prize**

Andrew C. Rodgers A22

Romance Studies

The Constantine Ghikas Prize in **Romance Languages**

Analeigha V. Colarusso A22 Hailey DiCindio A22 Jacob A. Freudberg A22 Jen U. Frye A22 Maxwell W. Goldfarb A22 Caroline Hayes A22 Shamoon A. Mallick A25 Hannah F. San Sebastian A22 Olivia M. Swonder A22 Samantha Wilner A22

The Laminan Prize in **Romance Languages**

Alessandra Jacimovic A22

The Frederic J. Shepler **Memorial Prize in French**

Alexander R. Denby A22 Priscilla M. Hodgkins E22 Hongyu Jia A22 Madison McKenna A22 Alexander H. Rowe A22 George B. Sidamon-Eristoff A22 Jason I. Smith A25 Lindsay J. Wang A22

Theatre, Dance, and **Performance Studies**

The Moses True **Brown Prize**

Margaret A. Parish A22

The Goddard **Rhetorical Prizes**

Tatyana W. Emery A22

The Greenwood Prize Scholarship Abigail M. Steinberg A22

The Iane Anne Herman Newton Award

Caitlin M. Morley A22

The Stephen Sapuppo Prize Alexandra E. Everbach A23

The Alice E. Trexler Dance Studies Award

Pearl E. Young A22

Women's, Gender, and **Sexuality Studies**

The Women's, Gender, and **Sexuality Studies Award** Jenna H. Ashendouek A22

Undergraduate Awards and Department Prizes

School of Engineering

Engineering Excellence Prize

Luisa I. Guarco E23

Chemical and Biological Engineering

The Department of Chemical and Biological **Engineering Prize**

Matthew T. Zackin E22

Electrical and Computer Engineering

The Harry Poole Burden Prize in Electrical or **Computer Engineering**

Anoushka P. Alavilli E22 Melinda R. Burns E22 Xuesi Chen E22 Samuel Cohen E22 Huyen K. Pham E22 Rebecca Skantar E22

The Amos Emerson Dolbear **Scholarships**

John T. Davis E22 Daniel J. Ernst E22 Max J. Ramer E22 Youssef Soliman E22

The Morris and Sid Heyman **Prize Scholarships**

Seixas O. Aldrich E23 Ryan McFarlane E23 Zev Pogrebin E22 Benjamin M. Pradko E22 **Mechanical Engineering**

The George H. and Marion E. Gowdy Prize

Andrew P. Daetz E23

The Human Factors Engineering Prize

Judy A. Charamand E22

The Vincent Manno **Leadership Award**

Maia R. Taffe E22

The Mechanical

Engineering Culture Award

Leslie Jaramillo Martinez E23

The Mechanical **Engineering Prize**

Olivia Tomassetti E22

The Mechanical **Engineering** Undergraduate **Teaching Award**

Jessica M. Rosendorf E22

The James P. O'Leary **Design Award**

Travis J. Clauson E22 Michael P. Cohen E22 Lily E. Keiderling E22 William J. Reid E22 Jessica M. Rosendorf E22

The Samuels Prize in Mechanical Engineering

Cody F. Wiebe E23

The Mead Jonathan **Taylor Prize**

Lillian J. Fullford E23

The Lloyd MacGregor **Trefethen Research Award**

Bjorn A. Isaacson E22 Jillian E. Stern E22

The Lloyd MacGregor **Trefethen Fellowship**

Sawyer B. Paccione E22

School of Arts and Sciences

National Honor Societies

Phi Beta Kappa Kayla A. Avitabile Henry A. Baer-Benson Caitlin E. Ball Jonathan R. Benoit Eli J. Beutel Andrea N. Boe Ian F. Boldiston Andrew J. Bracken Tyler J. Calabrese Carina Marie Larava Carlos Neal Sood Chan Erika S. Chen Eleanor M. Cheung Allison N. Choi Mia C. Chung Analeigha Victoria Colarusso Maia R. Cole Jonathan B. Conroy Margaret Killebrew Cook Emma Katherine Davis Alexander Robert Denby Marc L. Descoteaux William R. Deucher Hailey Rena DiCindio Eliza Rose Dickson Hanh-Tu E. Do **Eoghan Downey** Haitong Du Ava D. Durant Alyssa A. Eakman Katherine R. Edeburn Xinyi (Helena) Fang Thomas J. Felt Claire E. Foley Lillian G. Forman **Jacob Freudberg** Alex J. Friedman Claire E. Ganiban Miriam Glasgow

Hongyu Jia Hee Yong Samuel Kim Yassin B. Kina Anoushka Kiyawat Barrett E. Laird Shannon Elizabeth Lawler John Cioci Lazur Thomas C. Levy Simone L. Lewis Simone Julia Durstine de Casna Lipkind Leanne Loo Tara N. Lowensohn Luana M. Machado Shamoon A. Mallick Audrey C. McGlothlen Lily Claire McIntyre Thomas S. McNulty Iman K. McPherson Daniel John Meakem Ellen M. Miller Ella Dorothea Missan William Mueller Angelina G. Ng Robert J. Nooney Eve B. Ogdon Samon Gabriel Oomen-Lochtefeld Nathaniel Z. Orbach Linnea M. Otto Cicely G. Panara Alexander J. Pandina Adriana L. Pappas Naomi E. Paradis Jessica L. Parillo Jailene Peralta Sofia M. Pretell Kianie R. Ramirez Eleanor McCue Reavey-Gilbert Camille C. Rehkemper Andrew C. Rodgers

Meera Rohera

Else S. Rohm

Jillian R. Rolnick

Lydia E. Russell

Yasaman N. Salon

Abigail J. Schell Alexandra Marie Scott Mitchell H. Shapiro-Albert Jacob A. Shaw Tiffany H. Shen Anton P. Shenk George Baxter Sidamon-Eristoff Sara Z. Siqueira Rebecca F. Solot Alexandra H. Soo Christopher J. Spyropoulos Noah S. Stancroff Tara R. Steckler Abigail M. Steinberg John R. Stewart Jr. Eleanor M. Sultana Qingrui Sun Olivia M. Swonder Mackenzie J. Tatananni Mona J. Tavangar **Anthony Tranduc** Brenna M. Trollinger Isabella L. Urdahl Elijah Jacob van der Rijn Sophie Anna Baldwin von Muench **Katherine Wang** Lindsay J. Wang Mandy Wang Mengqi Wang Aidan A. Welsh Emma D. Weston Lara K. Williams Madeline Wing Yein Wong Mengrong Wu Muyin Yao Yip En Shen Russell Celine Z. Yung

Ariel Zedric

Abigail Grace Zielinski

Matthew H. Zimon

Tau Beta Pi

Emily Grace Ahuna Anoushka P. Alavilli Matias A. Aranguiz Miles Jensen Arnett Alvssa E. Attonito Aidan J. Bauer Noah C. Bedrosian Stephanie Claire Bentley Elise (Zetty) Yeon Cho Jonathan B. Conroy Emma C. Downey Katherine Rose Edeburn Thomas J. Felt Ronan O. Gissler Isaac I. Gorelik Arnay Gupta Benjamin C. Healy Sierra Heuvelman Olif Soboka Hordofa Sophie Impellitteri Lily E. Keiderling Yasaman Khorsandian Shruti L. Krishnamachari Kathryn M. Lazar William Christopher Levorse Rachel A. McGinn Alec K. McKendell Rebecca An-Li Miller Elizabeth Sarah Mitchell Sawyer B. Paccione Nicolas S. Ragusa Max J. Ramer Corlene A. Rhoades Edward H. Robbins III Jessica Madison Rosendorf Ethan L. Schreiber Anna Shulman Brooke M. Smilev Jordan A. Smilev Youssef Soliman Olivia Tomassetti Christina E. Uhlenbrock Liana Wang Matthew T. Zackin Andrew Y. Zhang

Junxing Gu

Emily Hu

Isaac R. Hudis

Klea Hysenbelli

Claudia Joely Guetta

Kelly Cherng Huan Hsu

Graduate Student Awards and Prizes

Department Awards

Child Study and Human Development— Eliot-Pearson Award for Research Practice Integration

Julius Anastasio, 2022 Lok-Wah Li, 2022 Sarah Merisier, 2022

Classical Studies—Sarah Plummer Memorial Prize

Kacey King, 2020

History of Art and Architecture—Rhonda Saad Graduate Prize

Atineh Movsesian, 2022 Franklin Redner, 2022

Mathematics—Mary Glaser Distinguished Teaching Prize

Daniel Keliher, 2021

Occupational Therapy— Marjorie B. Greene Award

Mary Gawron, 2020 Sarah Grey, 2022 Laura Steinmetz, 2018

Psychology—Innovations in Psychological Science Award

Samer Nour Eddine, 2022

Graduate Student Council Awards

Gabriela Garcia, Outstanding
Graduate Contribution
to Diversity and
Inclusion, 2020
Katelyn Loring, Service
Award, 2021
Anais Lugo-Guercio,
Outstanding Graduate
Contribution to Diversity
and Inclusion, 2020
Jessica Stieglitz, Outstanding
Graduate Contribution to
Diversity and Inclusion, 2021
Morgan Taylor, Service
Award, 2020

Outstanding Academic Scholarship Award

Giles Blaney, 2022 Veritas Gassmann, 2022 Shreyas Kamath, 2020 Rachel Owyeung, 2021 Rahul Rajendran, 2022 Shishir Paramathma Rao, 2022 Natalie Rubio, 2021 Jessica Stieglitz, 2021 Morgan Taylor, 2021

Outstanding Graduate Contributor to Engineering Education Award

Ab Mosca, 2021 Srijith Rajeev, 2020 Sara Willner-Giwerc, 2020

Rob Hollister Award for Community Service and Citizenship

Jennifer Herron, 2017 Kayla Patel, 2022

Karl Cronburg, F'2016

Graduate Student Research Competition Award

Gabriela Garcia, S'2018 Yuexing Hao, F'2020 Yizhou Huang, S'2016, S'2017 Shreyas Kamath, F'2018 Khushbu Kshirsagar, F'2020 Juyon Lee, F'2020, F'2021 Maria Veronica Mingo, F'2017, F'2018 Victor Oludare, S'2018 Avalon Owens, S'2017 Jeremy Pagan, F'2016, F'2017 Quinn Phillips, F'2021 Genevieve Pugesek, S'2016, S'2018 Srijith Rajeev, F'2018 Raea Rasmussen, S'2017, S'2018, F'2020 Camila Sanchez-Longo, F'2020

Matthew Simon, F'2017

F=Fall S=Spring COMMENCEMENT 2022 **27**

Candidates for Graduate Degrees

Doctor of Philosophy

Robel G. Alemu

Economics and Public Policy

Andrew J. Alquesta

English

Robert Julius Anastasio**

Child Study and Human Development

Girija Bahety

Economics and Public Policy

Keith Ryan Baillargeon**

Chemistry

Tedros Addisalem Balema*

Chemistry

Mustafa Özgür Bozçaga

Economics and Public Policy

Graeme L. Calloway*

English

Casey R. Cavanaugh

Mathematics

Joseph Chance

Economics and Public Policy

Steven D. Cogger**

Education

Alejandro Coyoli

Mathematics

Laura A. Cramer**

Chemistry

Kirsten L. Deprev*

Chemistry

Christopher L Dudas-

Thomas*

Psychology: Cognitive Science

Matthew D. Friedrichsen

Mathematics

Gabriela M. Garcia

Biology

Matthew Nicholas Gee

Child Study and Human

Development

Mathew Q. Giso**

Physics

Madhumita Govindarajan

Child Study and Human

Development

Dong Han*

Mathematics

Ryan T. Hannagan**

Chemistry

Curtis Roland Heberle

Mathematics

Iennifer M. Herron

Theatre and Performance Studies

Paige Hickey

Psychology

Haiyun Huang*

Physics

Yizhou Huang*

Theatre and Performance

Studies

Daniel P. Keliher

Mathematics

Emma Bell Kelly**

Theatre and Performance Studies

Mikhail Kreshchuk*

Physics

Paul Kress**

Chemistry

Michael Z. Leonard

Psychology

Lok-Wah Li

Child Study and Human

Development

Jacob Alden Litterer

Physics

Jacqueline Clark Ludwig

Biology

Jeremy Adrien Henry

Joseph Marcq

Mathematics

Katie N. Mason

Physics

Joanna Michelle McQuade

English

Joshua M. Mills

Physics

M. Verónica Mingo Rojas

Child Study and Human

Development

Joshua Morimoto*

Chemistry

William J. Mullin**

Chemistry

Travis Olson*

Physics

Avalon Celeste Stevahn

Owens

Biology

Jeremy Pagan

Psychology

Samuel L. Polk

Mathematics

Genevieve Pugesek*

Biology

Qi Qi

Economics and Public Policy

Raea Elise Rasmussen*

Psychology

Lauren E. Rizzuto

English

Kathleen Manning

Robinson

Child Study and Human

Development

Anthony Scibelli**

Biology: Soft Materials

Robotics

Matthew Russell Simon

Education

Peter Braxton Spearman

Theatre and Performance

Studies

Ekaterina Spivakovsky-

Gonzalez*

Biology

Michiyoshi Toya

Economics and Public Policy

Jue Wang**

Mathematics

Peter Wu

Physics Subbarao Yalamanchili**

Chemistry

Doctor of Occupational Therapy

Megan Almon

Sabrina R. Beaulieu

Ienna K. Becker

Allison E. Cain

Daniela Chavez Hernandez

Grace Connolly

Grace A. DeGrado

Victoria Kathryn

D'Ortenzio

Erin M. Foley

Mary K. Gawron

Sarah E. Grey

Kaitlin M. Hutchinson

Kaitlyn Cecilia Irwin

Salma B. Jafiq

Katherine R. LaMarre

Julia D. Lettenberger

Catherine L. Linehan

Katelyn L. Loring

Sarah M. Lubic

Lauren Elizabeth Nowak

Emma Marie Ospina

Hannah Ilene Pacun **Dennis Edward Peary**

Roni Pitts**

Elise Yeh Pohlhammer

Nicole A. Porter

Stephanie Anne Rothman

Amy Rose Rubin

Rebecca M. Rutta

Tara Devi Sarkar

Leah V. Schroeder **Emily Margo Sellman**

Yaqi Shi

Jordan M. Soucy

Candidates for Graduate Degrees

Laura G. Steinmetz* Alison Rose Swayne Sepanta Yousefian*

Educational Specialist

Shelby Austin-Manning

Kristina Erica Bradley

Mikaila M. Christopher

Moira T. Collins

Katherine Connell

Julie A. Cotillo

Samantha R. DeArmas*

Ana Maria Delgadillo

Cameron T. Morose

Elke R. Nordeen

Elizabeth A. Noyes

Isabel S. Ortiz Mendiguren

Karina Moraes Ribeiro

Jessica Rieger

Isabella Maria Romance

Michael Patrick Sweeney Ir.

Amanda S. Zimmerman*

Master of Arts

Isabel Laura Aguirre-Kelly*

Diversity and Inclusion Leadership

Naz Akdilek

Child Study and Human Development

Ibtsam Ali

Education

Madison Marie Anthony

Urban and Environmental Policy and Planning

Michaela Antunes Blanc

Museum Education

Yehonatan Ataria**

Music

Roshni Babal

Child Study and Human Development

Maria João Bastos Stanek

History and Museum Studies

Art History

Megan Bellavance

William Belt

Diversity and Inclusion Leadership

Lindsey A. Bonilla**

School Psychology

Iessika Brenin*

Urban and Environmental Policy and Planning

Miranda Evita Briseño*

Urban and Environmental Policy and Planning

Mirjan L. Broderick*

Museum Education

Brittany Elizabeth Bryant Philosophy

Kylie Terra Burnham

Museum Education

Anna Christine Bury

Urban and Environmental Policy and Planning

Agsa Butt*

Urban and Environmental Policy and Planning

Katie L. Campbell

Child Study and Human Development

Jennifer Aisling Carroll**

Museum Education

Daniel P. Cashman

History and Museum Studies

Gabriela A. Castro

Child Study and Human

Development

Elizabeth Evelyn Chaput

Urban and Environmental Policy and Planning

Sophia N. Cocozza

Music

Darwin Conner

Diversity and Inclusion Leadership

Danielle M. DeMaio*

Child Study and Human Development

Iulia M. Dennis

Child Study and Human Development

Lauren E. Dillon*

Child Study and Human Development

Anna Mathias Ehrlich*

Education

Sarah Elahi

Child Study and Human Development

Elizabeth Anne Elliott

Art History and Museum Studies

Amelia R. Estrada

Theatre and Performance Studies

Christine Marie Evers*

Art History

Amin Fahimi Moghadam*

Diversity and Inclusion Leadership

Kate Farrell

Child Study and Human Development

Emmanuel S. Feldman

Music

Jiachen Feng

Philosophy

Kathryn A. Fiducia

Urban and Environmental Policy and Planning

Sarah Foster

Child Study and Human Development

Katherine B. Frawley

History and Museum Studies

Guadalupe Garcia Rodriguez*

Urban and Environmental Policy and Planning

Noelle Gentile

Philosophy

Yasaman Ghodsi

Music

Gray Mather Golding

Art History

Deyun Gong

Child Study and Human Development

Patricia Alexandra González Ovalles

Child Study and Human Development

Juliana Guarino**

School Psychology

Claudia Elizabeth Haines

Art History and Museum Studies

Nathaniel W. Hale

Philosophy

Katherine Chisholm Hambleton

Child Study and Human Development

Rachel E. Herman

Urban and Environmental Policy and Planning

Olivia Wei Hobert

Child Study and Human Development

Shao-An Hsu

Philosophy

Bailey Y. Hu*

Urban and Environmental Policy and Planning

Alexander Huff

Education

Claudia Lilly Hyman

Child Study and Human Development

Rebecca S. Jacoby**

School Psychology Danielle Jameson

Urban and Environmental Policy and Planning

Meghan P. Jones

History and Museum Studies

Candidates for Graduate Degrees

Ana Sofia Iurca

Child Study and Human Development

Krishna Kaneria

Child Study and Human Development

Sabrina S. Kazi

Child Study and Human Development

William W. Kelley

Philosophy

Chanel Latice Kiett-Williams*

Education

Daly Kat Kobos** School Psychology

Matthew A. Koshak* Philosophy

Jennifer Jun-lei Kravitz*

Diversity and Inclusion Leadership

Erin Jane V. Lapasaran

Museum Education

Rebecca J. Laudermilk

Child Study and Human Development

Julian Lawrence

History

Katelyn Elise Leaird

Museum Education

Robyn G. Lee

Urban and Environmental Policy and Planning

Dominic Leonardo**

Urban and Environmental Policy and Planning

Marisa Anne Leone

History and Museum Studies

Paige L. Levine

History and Museum Studies

Koko Li**

Urban and Environmental Policy and Planning

Yingran Li*

Urban and Environmental Policy and Planning

Teresa A. Little**

School Psychology

Jinchong Liu

Child Study and Human Development

Zeming Liu*

Philosophy

Alan William Mackwell

Music

Olivia Brooke Mann

Art History

Elizabeth Marsh*

Urban and Environmental Policy and Planning

Nicholas Maurer*

Philosophy

Sara Elizabeth McAleer

Art History

Monica L. McClane**

School Psychology

Madeline H. McGee

Child Study and Human Development

Joshua McLinden

Urban and Environmental Policy and Planning

Sarah A. Merisier

Child Study and Human Development

Allison Iyla Meyer

Urban and Environmental Policy and Planning

Atineh Movsesian

Art History

Alexandra L. Murillo

Art History

Jesse Murphy

Theatre and Performance Studies

Srilekha Murthy

Urban and Environmental Policy and Planning

Peter M. Nadel

Digital Tools for Premodern Studies

Katianna Nardone

Music

Alyssa Nastri**

School Psychology

Lindsay Allison Naughton

Urban and Environmental Policy and Planning

Yvette Sachiko Niwa

Urban and Environmental Policy and Planning

Kara A. Omer

History and Museum Studies

Emily Deanne Palermo**

English

Kayla S. Patel

Urban and Environmental Policy and Planning

Claire E. Pellegrini

Museum Education

Gabriela Luz Perez-Dietz

Museum Education

Isabel S. Perlman**

School Psychology

Quinn Liseth Phillips

Diversity and Inclusion Leadership

Nithya R. Prakash

History

Gabrielle J. Queenan

Urban and Environmental Policy and Planning

Franklin H. Redner

Art History

Michael D. Reilly**

School Psychology

Connor F. Ring

Urban and Environmental Policy and Planning

RoseMarie Jane Rohrs

Child Study and Human Development

Catherine Michel Rosch

History

Nicole R. Savoie**

School Psychology

Nathaniel P. Shaffer

Music

Cody S. Sharma

History

Perri Leigh Sheinbaum

Urban and Environmental Policy and Planning

Mary A. Sieminski**

School Psychology

Brooke A. Siggers**

Urban and Environmental Policy and Planning

Kamilla E. Silva

Education

Harjinder Paul Singh

Music

Heather Brooke Smith

History and Museum Studies

Madeline Smith

Child Study and Human Development

David Evan Sneed**

History and Museum Studies

Bailey O. Spencer

English

Brittany A. Spengler**

School Psychology

Nicole E. Stephens

Urban and Environmental Policy and Planning

Katherine J. Su**

School Psychology

Twinkle B. Suthar*

Child Study and Human

Stephany Svorinic

Music

Katherine Swan

Development

Urban and Environmental Policy and Planning

Meghan R. Tenhoff*

Urban and Environmental Policy and Planning

Allison B. Tilton

Child Study and Human Development

Hoai Thuong Tran**

Urban and Environmental Policy and Planning

Candidates for Graduate Degrees

Varvara L Troitski

Classics

Kelsey Tustin

Urban and Environmental Policy and Planning

Skye M. Uldrich

Philosophy

Yue Wang*

Urban and Environmental Policy and Planning

Kathrvn M. Wassam**

Urban and Environmental Policy and Planning

Lucy Rebecca Wickstrom

History and Museum Studies

Quinn Williamson

Philosophy

Erik J Wilson

Urban and Environmental Policy and Planning

Kayla Alyssa Worthey

Child Study and Human Development

Phillip G. Wright

Music

Sophia Wright* Art History

Wenxuan Xue

Theatre and Performance Studies

Grace Elizabeth Zechman

Child Study and Human Development

Yumeng Zhang*

Philosophy

Calvin K. Zhao

Diversity and Inclusion

Leadership

Tianyi Zhao

Philosophy

Yifan Zuo

Child Study and Human Development

Master of Arts in Teaching

Benjamin Zhang Alford*

Abraham Alvarado

Kristen M. Barrett*

Carly E. Benson

Caroline E. Casey*

Kimberly Fiordaliza

Casso**

Isabel L. Cole

Faith Anne Connors

Isabel S. Ellery*

Nicholas J. Fogel

Camila Garate

Madelaine A. Hamilton*

Kate Hogan

Savannah Jane Hubbard

Laura K. Jorge

Kacey M. King**

Ellie R. Lawson

Noah Michaud

Dalena Nguyen*

James N. Nickerson

Remy A. Nikka*

Jesse J. Pearlman

Lindsey A. Plummer*

Cameron Grace Rusin

Phoebe A. Sargeant

Iaime Serrato Marks*

Christopher S Stowe

Sabine P. Strauch

Zheng Sun**

Vinessa L. Tenaglia**

Maria Terentieva

James Sylvester Kelly

Walker

Matthias Wasser*

Julia Worden

Justina S. Zuckerman*

Master of Fine Arts

Layan Sharaf Alharthy

Nicholas Holmes Batzell

Elizabeth A. Blessing

Tamar Bresge

Stig B. Brunnstrom

Andrew P. Cain

Rose A. Christian

Priya Hareshbhai Dave

Flor Delgadillo

Avery J. Eberlein

Jorge O. Gomez-Gonzalez

Chihyang Hsu

Juyon Lee

Francis M. Modzelewski

Alonso W. Nichols

Yael Pesso Markus

Alexander S. Peters

Camila A. Sanchez-Longo*

Stephanie Anne Scanlon

Nikki Marie Silva

Catheline H. van den

Branden

Rebecca Hayat Wakim

Zuofu Wang

Che Yeh

Isaac J. Zerkle

Master of Public Policy

Charles Blandy

Emma R. Blaxter**

Rachel Moran Brunner*

Monica Lynette Dean*

Abdulkadir Y. Hussein

Kimberly R. Lyle

Fidel A. Maltez**

Victor V. Nascimento*

Paola L. Pelletier-Ozuna

Solano

Master of Science

Khumoyun Abdumavlonov

Economics

Gervase Adams

Economics

Kara Marie Aiken

Biology

Osediamen Aimua*

Chemistry

Angela Christina Alibrandi

Chemistry/Biotechnology

Yara AlKhars

Biology

Sudarshan Bashyal

Economics

Gokul Raj Boobathy**

Economics

Amber Born

Economics

Casey E Bruck Mathematics

Martin Daniel Buck

Mathematics

Nilakshi Chatterji*

Environmental Policy and Planning

Yiming Chen

Physics: Astrophysics

Yunfan Chen

Chemistry

David Walters Cohen

Mathematics

Kevin H. Deng

Data Analytics

Ian Descamps

Education

Tristan C. Dinsmore** Chemistry/Biotechnology

Yifan Dong

Economics

Maxwell T. Dorman** Sustainability Studies

Linaila L. D'souza

Occupational Therapy

Candidates for Graduate Degrees

Paige Deal Dunlevy**

Sustainability Studies

Brianna E. Eassa

Environmental Policy and

Planning

Chao Fang

Economics

Harshika Jitendra Faria

Occupational Therapy

Atef M. Fayed

Biology

Julia M. Felicione*

Psychology

Leonard A. Fiannaca

Biology

Leah Finsie

Environmental Policy and

Planning

John F. Florek**

Chemistry/Biotechnology

Caleb D. Foote

Economics

Kameice Francis

Environmental Policy and

Planning

Jargal Ganzorig

Economics

Maria M. Garav*

Psychology

Peter Ehresmann Garneau*

Biology

Veritas K. Gassmann

Physics

Suzanna Rupal Gerard

Occupational Therapy

Ming Gong

Biology

Anderson J. Greene

Mathematics

Alexander Gulakos**

Economics

Qing Han**

Environmental Policy and

Planning

Benjamin S. Hanson*

Physics

Yujia He*

Data Analytics

Alexandra Joan Hiple**

Environmental Policy and Planning

Seth F. Hosking*

Education

Taowen Hu

Economics

Catherine Hume**

Mathematics

Dakota Jones*

Biology

Madeleine Baer Kelly

Environmental Policy and

Planning

Samara Abdelhadi

Khater**

Occupational Therapy

Nada Khogeer

Physics

Demao Kong

Physics: Astrophysics

Khushbu Kshirsagar*

Education

Tyler D. LaChance

Physics

Joann E. Lai

Environmental Policy and

Planning

Huan Li

Economics

Xue Li*

Economics

Yujie Liang

Physics: Astrophysics

Li Ling

Data Analytics

Wei Liu

Economics

Zhe Liu

Mathematics

Anais Lugo-Guercio

Occupational Therapy

Minhui Ma

Data Analytics

Cassandra R. Maggiore**

Sustainability Studies

Bhavana Reddy Malipeddi

Occupational Therapy

Amandeep Manjulapur

Economics

Maximilian C. Mattessich

Mathematics

Oliver G. Maupin*

Physics

Jarrod H. McCarthy

Environmental Policy and

Planning

Erin Rose McConnell**

Occupational Therapy

Ian Oliver C. McPherson

Mathematics

Libby G. Menders

Sustainability Studies

Heather L Miller

Economics

Elizabeth Kay Mitas

Sustainability Studies

Brennan S. Morris

Economics

Arman Moussavi

Economics

Anisha Nazareth*

Environmental Policy and

Planning

David K. Ndolo Jr.

Economics

Evan A. Newell

Economics

Tien Thi Thuy Nguyen

Chemistry

Vasilii Nosov**

Economics

Samer Nour Eddine*

Psychology

Simoni D. Parikh

Occupational Therapy

Alisha S. Patel

Environmental Policy and

Planning

Margaret Ramsay Peard

Environmental Policy and Planning

Sydnie Marie Picard

Environmental Engineering Policy and Planning

Mariana S. Pierce* Occupational Therapy

Giulia Isabella Pintea

Psychology

Samuel Rabinowitz

Mathematics

Bridget C. Re Biology

Joël Rhéaume Biology

Spencer W. Rockwell*

Economics

Justine Rooney

Environmental Policy and

Nattanan Sajjaboontawee*

Biology

Planning

Brenna P. Sharkey**

Biology

Ruiyang Shi*

Data Analytics

Fina Short* **Data Analytics**

Anushka Singh

David Somuah** **Economics**

Economics

Constantina Eleni Stavrou

Chemistry

Coley M. Stillman

Physics: Astrophysics

Sarah Strozyk

Economics

Candidates for Graduate Degrees

Yitong Sun

Data Analytics

Zhining Sun*

Environmental Economics and Urban Planning

Alicia Tauro

Occupational Therapy

Yuanyuan Teng **Data Analytics**

Carly Anne Thibodeau**

Sustainability Studies

Zach Thomas*

Data Analytics

Tianyan Tu

Economics

Lingxiao Wang

Mathematics

Xinran Wang

Economics

Yankun Wang

Mathematics

Lena Warnke

Psychology

Alexander V. Wei

Mathematics

Amelia E. Wilson*

Occupational Therapy

Ruotong Xu**

Mathematics

Shengzhuo Yuan

Economics

Enhao Zhang

Physics: Astrophysics

Sophia Hao Zhang*

Data Analytics

Shiying Zhang

Chemistry

Ge Zhao

Economics

Shihao Zhong

Computer Science

Yi Zhong*

Environmental Policy and

Planning

Luhuayu Zhou

Data Analysis

Daniel E. Zuchelkowski

Economics

School of Arts and Sciences

Candidates for Bachelor's Degrees

The Latin honors, recognizing academic achievement, (summa cum laude, magna cum laude, and cum laude), are printed on diplomas and announced at school and department ceremonies.

Bachelor of Arts

Quinton C. Abrecht Aliana Nereida Acevedo Anna Sophia Acker** Henry E. Adair Hakeem A. Adeyemi* Yuri Aguilar Kiran Ahmad Rigneyla Akhotsang Jordyn M. Albano Ana Paula O. Albuquerque* Iman Ali Florence C. Almeda Andrew Jonah Alstodt Chloe J. Amaya Kyle M. Amitay Grace E. Anderson John Joseph T. Andre Daea Lauryn Marsden Anton Joel I. Appel-Kraut Anika Yixiang Arditi Calvin G. Aroh** Ashley M. Aron Jocelyn M. Arroyo Jenna Helen Ashendouek Christina D. Askew* Beza M. Assefa Elebetel F. Assefa Amber-Nadia L. Asumda Benjamin Kaplan Avigad Kayla A. Avitabile Avery Harper Aviv Fatimzahra Azzaoui** Nithya Badrinath Henry A. Baer-Benson Tara Bajpai Georgia A. Bank Daniela Caterina Barbera** Rebecca G. Barker Sara Barkouli Jordan A. Barnes Julia M. Baroni Simone P. Barr Libbing Barrera-Perez Brian M. Barrett*

Andrew B. Batteria Charles Montague Baylis Amelia Mae Becker Mark LeRoy Beckwith Arlen Belitsky Maxine Amane Bell** Matthew G. Benda Tori Chava Berlin Kelly V. Bernatchez Jennifer Sarah Best Eli J. Beutel Juliette Alexandra Bichon Allyson G. Birger Ariel Bittelman** Benjamin Blase Julian Eliot Blatt Andrea Nicole Boe Ian Frederick Boldiston Sriharsha Bollu Charley A. Borek* Gabrielle L. Borenstein Andres I. Borjas Noa R. Bornstein Katharine A. Bowers Andrew J. Bracken** William J. Brady Tamar G. Brandes-Krug Olivia A. Brandon* Justin Brandt** Haley L. Braner Dylan McKeone Braveman Timothy M. Bredahl Curry Mullen Brinson Mae L. Briody Simon P. Brock Moneo Ethan A. Brooks Xavier G. Brooks **Brandon Jacob Brous** Gideon C. Brown Aalia Buachale Elizabeth Mei Bunn Thomas R. Burnham Jack T. Burns **Christopher Burton** Tyler James Calabrese Abigail W. Caldwell Rachel E. Callahan** Michael S. Cambron Paul John Campo Jr. Elizabeth Campos Matias E. Cano** Gabriella A. Cantor Alejandra P. Carrillo** Cameron Gerald Carti Audrey C. Carver

Brigid M. Cawley

Harley Centner

Sadık Tarık Sadi Çetin Natalie Felice Charewicz Erika S. Chen Megan N. Chen Allison Cheng Anna L. Cherian Eleanor M. Cheung Benjamin H. Chew** Andre Chi-Yuen Ching Mingkwan Chirasavinuprapand Matthew T. Chiu Tak Yu Sofia Chon Spencer J. Christiansen Amy J. Chu* Wyoma A. Chudasama Han Qing Timothy Chui Helen Chwe** Harrison J. Clark Shannon Rose Cloherty Allison Brooke Cohen Avery R. Cohen Sarah Rose Cohen William A. Cohen Maia R. Cole **Genesis Contreras** Kyle R. Cook Charles B. Cornillie Anna E. Cornish Emilia R. Cottignoli Brendan A. Coughlin Ira Craig Connor B. Crennan Carly R. Curcuru Gustavo R. Curioso John Cyprus Ioannis Dalakouras Emma Katherine Davis Fiona Uniacke Davis-Walsh Jessica Rose DeBenedictis Eric R. DeBrine Matthew L. Deegan Laporsha Dees Nicholas D. Delaney Ryen Clare Delaney Andrew DelBrocco Peter Gerard DeMaria Jr. Bennett G. Demsky Alexander R. Denby Catherine Desler Eve Adele Devens William F. Dewire Zavan F. Dhanani Michael T. Dianetti Stephanie L. DiLeo

Katrina Isabel G. Dimalanta**

Ava Louise Dimond

Hanh-Tu Ella Do Zevnep Idil Dogan John C. Dolan Jr. Emma A. Donchi Tucker K. Donelan* Magdelena A. Dorr Emma Downs Lona A. Drevfuss Samuel H. Drezner Sophie Driker Matthew Patrick Drouillard Zachary B. Drumm Haitong Du Cara E. Dufresne Thuy-Anh Duong** Ava D. Durant Kelly A. Duroncelet** Simone Julia Durstine de Casna Lipkind Ryan P. Eggers Talya Elis Connor McAvoy Elliott Cole B. Emery Tatyana W. Emery Derek Clark Enge** Katerina D. Escobar Zachary Eskenazi Daniel S. Eslami** Isabelle Rosen Essman Clara Etchegaray Maria C. Evans Kathryn Elizabeth Ezeoha Darien Jade Farnham Morgan Farrar Matthew Farwell Oliver L. Feder** Miranda P. Feinberg Amana G. Fernandes Isabela Cristina Fernandes Caeden Fial Mikavla A. Fier Dalton Fisher Winston Owen Fitzhugh* Eoin P. Fitzsimons Adam C. Foster Nicole D. Frankel Jacob A. Freudberg Alex J. Friedman Jessica Sarah Friedman Michael D. Friedman Sofía Hannah Friedman JUH Frye** Eleanor M. Fucetola Bronwyn M. Fulton Claire L. Furse Neerav B. Gade Amith T. Galivanche**

Natalie E. Bartlett

Lisvette M. Batista

Nicholas Irving Bartlett

Candidates for Bachelor's Degrees

Claire Ennen Ganiban Henry David Rogers Gantt Salman Y. Gany** Samuel J. Gardner-Bird Litzy Gastelum Arguelles Kathleen B. Gehling Jonas A. Gerken Ismenia Inmaculada Ginebra Caroline C. Gingold Thomas Baxter Girdwood** Daniel J. Gizzo Miriam Aharona Glasgow Maxwell W. Goldfarb Joshua M. Goldstein Noah A. Goldstein Ashley Gomez Deepen N. Goradia** Coley J. Goren Jake Evan Gould Molly Alexandra Gould Nicholas J. Gourley Tejus V. Govani Julia M. Graham Stephan E. Green* Blue Griffiths* Amanda Wenyan Gu Claudia Joely Guetta Isabella D. Gurel Krishan A. Guzzo Thomas James Haessig Eli Daniel Halbreich Cory A. Halpert** Jacob H. Hangen Melia S. Harlan Teagan T. Hart Kyle S. Hartson* Ka Man Hau Alicia Isabelle Redway Heia Jeremy Hellmann Harry N. Hereford Alexis R. Hermes Ryan R. Hernandez-Almonte Aiden T. Herrod Alexander S. Herz** Aidan Hesse Eleanor B. Hewell Jack H. Hirsch Joshua S. Hochberg Tyler Anderson Holder **Andrew Minjay Hong** Chelsea Hong Dawid Hordejuk Andrea S. Horn Ezri A. Horne Gari Horton** Muriel Celine Horvath

Lina X. Huang Josh Hwa Chidiebele A. Ikpeazu Alexy G. Ilchuk Hannah M. Isenhart** Rabiya R. Ismail Laurent Isnard Max A. Jacobs** Lola A. Jacquin Najma A. Jama Zava Jargalsaikhan Thana Jarusinchai** Grace J. Jendrezak Hongyu Jia Lillian B. Johnson Luca A. Johnson Glenn E. Johnston* Brandyn Jones Tara Joshi Kylie A. Jost-Price Spencer Thomas Julian Sophie J. Kallenbach Karim O. Kamal Emma S. Kami **Euisung Kang** Ananda J. Kao Robert S. Kaplan Naomi R. Karmel Mikayla Katz G Kay Madeline Marie Keipp Camden D. Kelleher

Kayden E. Kelley I Alexander D. Keough Jack M. Kessler Meher Mohit Khatwani Mahika Khosla Melody Khounchanh Marwah A. Kiani Hee Yong Samuel Kim** Hyun Seung Matt Kim Nathan In Kyu Kim Soo Min Kim Olivia Schacht King Nathan K. Kiplagat Cyrus M. Kirby Rune T. Kirby Jacob Avery Kirsch Tang Heng Kit Anoushka Kiyawat Jordan Klinge Amanda S. Koffink Andrew J. Kofsky** Ethan Koh**

Justin A. Kouyoumdjian

Ania Kranz

Micah Kraus

Julia L. Kupferman Giavana R. LaChapelle* Ann Christelle Labossiere Serena J. Laing Ria Lalwani Dominique G. Landinez Steven Landry Joanne Lau Jesse Christopher Lauden Molly D. Laurencin Shannon E. Lawler John Cioci Lazur Calvin R. LeClair** Audrey M. Ledbetter Abagail Helen Lee Dongwoo Lee Kun Woo Lee Senna James Lee Madison Lehan Clarah de Andrade Leite Thomas G. Leone Robert P. Lester Lucas Dragon Levine Samuel Levine Emily S. Leviss Erin S. Levy Thomas C. Levy Simone L. Lewis Michelle Li Sarah Li Rhea Beth Lieber Lily F. Liebes Sarah B. Lilian Iuli Lin Peter Christopher Lindblom Meredith E. Long Leanne Loo Olivia M. Mack Rachel N. Madison Sadhana M. Madnani Ashleigh S. Mahabir Isabella Gouvea Maharaj Kate B. Majov** Shamoon A. Mallick** Laura Emily Manwaring** Alexandra C. Manyak Melissa Leigh Manzello** Kristina A. Marchand James B. Marchetti Yonatan Margalit Tyler W. Markovich José Manuel Martínez Joel Oliver Martínez López Hannah Mascuch Norma E. Mateo Cruz** John R. Mattson

Thomas Paul Krush*

Chavez M. Mbeki* Ella M. McDonald Matthew James McGovern Briana Leigh McGowan Ben R. McGuire Madison McKenna Noah T. McMillan Emily Ann McMullen Jack Douxami Meahl** Daniel J. Meakem Paul Alexander Medeiros Yasmeen K. Meek Nina Menon Kylie Johna Metcalf Aviva Michaeli Francesca C. Michielli Dylan J. Miles* Ellen M. Miller Max Schreiber Miller Rachel Sofia Mintz Julia A. Mioduska Akash Mishra Ella Dorothea Missan Miran Miyano Santiago Moguel Andrew Mohar* Isabella Marie Moncada Ellie Isabel Moret Caitlin M. Morley Maya L. Morris Luca Morris Rogoff Tara Kenzie Mount Dalila Z. Muata William Mueller Rohan M. Mundiva Ellen M. Murphy Katharine P. Murphy **Grace Katherine Murray** Valli Muthukaruppan Margo E. Muyres Richard I. Nakatsuka Maya L. Namasivayam Ea Jee Namkoong Charlotte L. Nanteza Stone Maya Nayyar** Jason S. Ndansi William Neary Rebecca Negreli Abigail D. Nelson Jovan Nenadovic Max A. Neve Bach D. Ngo Daniel T. Nguyen Jr. Michelle T. Nguyen Ryan Connolly Noone Lauren A. North Michael P. Norton

Ciaran P. Hourihan

Candidates for Bachelor's Degrees

Elida Ntirenganya Bennett O'Brien Kylie O'Donnell Madeline H. O'Donnell Michael O'Donovan Sylvia Regine Onyekachi Ofoma** Eve B. Ogdon** Madeleine A. Oh Carolina Olea Lezama Owen J. O'Neill Raqueebah Omoteleola Agbeke Onipede Uzochi A. Oparaji Nathaniel Zachary Orbach Dillon P. O'Shea Collin Jeremiah O'Sullivan Linnea Marie Otto Adriana L. Pappas Ella S. Parekh Aneri Parikh Jessica L. Parillo Margaret Ann Parish Ellen Yoona Park Samantha L. Park Monika L. Parks Donavan D. Payne Michael Pedrini** Lindsay Diana Peigh Mabel D. Pence Jailene Peralta Elissa Noellina Perez Nicole E. Peter Maia B. Peterson Thao L. Pham Jackson Pimental Victoria Frances Pina Arva K. Pindiprolu** Sophie Wilson Pollock** Caroline Jess Popkin Destiny C. Porte Spyridoula Anastasia Potamopoulou Xavier Michael Powell Katherine F. Powers Sofia May Pretell Lucianne K. Price** Max H. Price** Mateo A. Prieto Joshua B. Rachlin Krithi Ram-Junnarkar Jesse F. Ramos William G. Raphael Benjamin M. Rauschendorfer Samantha Raymond Eleanor M. Reavey-Gilbert** Joslin Regalado

John G. Reid Miles E. Reid Sara Claire Renkert Gabriel L. Reyes Rossiel Reves Enriquez Matthew C. Rice Miranda Richmond Margot A. Richter Sophia Sonia Bernadette Richter Stephanie C. Rinzler Marilene Rivas-Chavez Isabella M. Rivero Mark L. Roberts Andrew C. Rodgers Luke W. Rogers Sofia Victoria Rohana Meera Rohera Jillian Rachel Rolnick Gillian Laura Roonev Nadia K. Rosales Oscar Armando Rosales-Reyes Jared T. Rosenbaum Jordan E. Rosenberg** Haley Nicole Rosenfarb Henry J. Ross Alexander H. Rowe Deborah R. Royer Chakachaka Leonardo Ruiz Sanchez Lydia E. Russell Jennifer Marie Ryan** Molly B. Ryan Brett L. Sachs Hannah A. Sachs-Wetstone Shruti Sagar Emma A. Sahu Ana Salazar Ramirez Nicolas J. Salem Yasaman N. Salon Ashley V. Sammann Leigh S. Samuels Hannah Francesca San Sebastián Douglas J. Sandler Diya V. Sanghi Akbota Saudabayeva Anne Margaret Savage Carolena R. Scala Maya Lin Scandinaro Aidan J. Schaffert Sarah D. Scharlin Ben-Hamoo Abigail J. Schell Sydney R. Schenk Sophia G. Scherlis* Laura A. Schmidt** Sophia E. Schoeni Gabriel W. Scholl

Nicholas A. Schultze Andrew Phillip Schwartz Adam Schwimmer Jordan Kyla Sclar Angus MacMillan Scott Steve J. Seaman Caleb Kline Seamon Molly J. Seibel Zachary Seigelstein Dilara F. Semiler Nuha Lizhu Shaikh Noah A. Shamus Jacob A. Shaw Matthew R. Shea Ali Shehzad Elizabeth L. Shelbred Ann Bennett Sheridan Connor James Sheridan Camille P. Shimshak** Charles Augustus Maxwell Short Julia Kate Shufro** Lilv R. Siegel Jacob A. Siegler Vaughan B. Siker Brendan Skarda Priya E. Skelly Leila E. Skinner Anna R. Slager Eliza Sydney Smith Jason I. Smith** Joshua Smith Meghan L. Smith Olivia C. Smith** Clara Xiaovan Smith Tonsmeire** Hannah Stephan Smokelin Ryutaro C. Sochi Rebecca Frances Solot Blake J. Sommi Alexandra H. Soo Elka L. Sorensen Trevor W. Spence** Tara R. Steckler Abigail M. Steinberg Kasey R. Stewart Veronica Stewart-Frommer Katherine Isabelle Stiplosek Brian J. Strothman Celia Gage Strumph Anne B. Sullivan Courtney L. Swift Nicholas O. Swift Olivia M. Swonder Alfonso Martin Mirasol Syquia Megan K. Szostak Cana Tagawa*

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Bachelor of Science

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Hector Reiniery Rivera Bermudez Fatima Zahra Rizvi Max T. Robakiewicz Delilah Michelle Roberts Paul J. Roche** Kevork Marco Rodriguez Hovnanian Gillian Roeca Kassidy A. Rogers-Healion** Sofia A. Rosa** Eliana Rosenzweig** Celia Rubien Xenia Rudchenko Karen Stephanie Ruiz Moreno Paloma Ruiz-Ramon Samuel Russo Sebastian Saavedra **Daniel Saias** Goranit Sakunchotpanit Coleman T. Salton Mohamed A. Samater Jaiveer Singh Sandhu Joshua A. Sarlo Ginga Sato **Jackson Dodds Saunders** Brian C. Savage Symon K. Savatphong Carl M. Schirmeister** Finn J. Schneble Garrett R. Schneider Kevin Joseph Brown Schult Alexander Reed Schwartz Meredith Grace Schwartz Paul Benjamin Schwartz Alexandra M. Scott Dana Ilyse Segal Christopher S. Semancik Christian M. Senecal Jun Kim Seo Ansh Shah Mariam F. Shaikh Benjamin F. Shamgochian Mitchell H. Shapiro-Albert Radhika Sharma Tiffany H. Shen Anton Patrick Shenk Mio T. Shimizu Aadhya Shivakumar Rachel Elizabeth Shurland George Baxter Sidamon-Eristoff Matthew Siegel Jeffrev B. Silver** Julie R. Silverman

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Meera A. Singhal

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Robert Donald Veglahn Devan B. Venkataraman Jude Max Verdieu Akash L. Verma Alejandro G. Viveros Victor Vollbrechthausen Samuel C. Volpe Alexandra L. Walter **Hailing Wang** Katherine Wang Lindsay J. Wang Mengqi Wang William Z. Wang Yangyang Wang Callie S. Watson Daniel Bernard Weber Elizabeth H. Weber Oliver Iselin Welch Aidan Alexander Welsh Annie Weng** Cole Edward Wennerholm George Walker West Douglas B. Whiting III** Samuel H Wilk** Alexander D. Williams Lara K. Williams Alicia Ranae Wilson Brigitte C. Wilson Colton Brandon Wolk Madison Wong Andrew R. Wood Julia Marie Worden Chuhang Xiang Rachel R. Xiang Yifan Xing Jason G. Xu Allen C. Xue Jessie J Yang Ming Ye Erin O. Yilmaz Yip En Shen Russell Pearl Elisabeth Young Xiang Yu** Celine Z. Yung Mia Gabrielle Zender Ashley T. Zhang* Qing Zhang Qihan Zhou Zihao Zhou Vivian Z. Zhuang Matthew H. Zimon Phoebe R. Zimski Alicia M. Zou Jeffery Zou Jacob T. Zuckerman Jonah Zuckerman Emilie Claire Zukowski Samantha Pauline Zwecker

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Mechanical Engineering

Junnian Chen

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Naizhe Chen Mechanical Engineering

Rui Chen** **Computer Science**

Yanlin Chen**

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Computer Science

Mitch Choi

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Dillon Rader Coppedge

Clemmer**

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Cooper E. Cone

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Materials Science and Engineering

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Civil and Environmental

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Zhou Ni

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Andrew C. Apel	Jacob W. Kuschner	David D. Sun**	Beth Anne Krikorian
Ana Carolina Arribasplata	Miranda O. Lawrence	Peter J. Tinari	Spencer Langdon*
García	Christine Leu	Justin Tocci	Darian A. Matini*
Chasen C. Barrette**	Yin Yin Lin	Kun Wang	Megan Ann Morrissey*
Elizabeth M. Blackwell	Alexandra Lomasney	Kailey Whelan**	Nathaniel Paul Niemiec*
Daniel Blake*	Alejandra Marin	Samuel Wiley	Yiran Niu
Robert B. Bridgeman	Kristen S. Marrapodi	Gregory Williams	Christian North*
Kelli Jean Byrne**	Nathan Alan Merritt	Andrew Yau	Jennifer L. Nutter*
Gordon R. Carlson	Abigael W. Mireault*	Elizabeth Younger**	Mark S. Panetta Jr.*
Edwin Chalumeau*	Thomas J. Mulhern	Dean Zou	Sonam V Parikh
Kai Ip Chan	Miles A. Nallen		Ajay Parthasarathy
Harjit S. Chopra	Shaya O. Nehme	Master of Science in Innovation and	Su Hnin Pwint*
Semuel Dacaj	Jeffrey Michael O'Brien Jr.	Management	Julia Santos Nothaft
Ryan M. DaRin**	Bret Richard O'Flaherty**	Lia Anoush Aftandilian*	Scott T. Sclar
Jaime Marie DeFelice	Michael Kenneth Peachock	Khalid Alayoub	Noor Semaan*
Joseph P. DeRoeve	Juhx Emmanuel Pellazar*	Alexis Albanese	Priyanshi R. Somani
Sandeep Desai	Galvin J. Pereira**	Latifah Almayal	Grant H. Tilson*
Marissa R. DiBiasio	Daria Ponomareva*	Nawar AlQabandi*	Maria C. Vamvulescu
Sharon L. Dingle	Vipul Potluri	Sierra Carter	Saisree Vangoor
Adam J. Donoghue	Wenimo Poweigha	Jemimah S. Charles	Adam Voogel
Stephen Fallon IV	Matthew L. Pratt	Jensen M. Corabi	Benjamin F. Webb*
John P. Fanning	Amanda Priest	Kyle Cortese	Corinne N. Wilklow
Kenneth William Ferentz	Wesley E. Rankin	John J. Donohue*	Laura A. Wind
Aaron D. Forrest**	Claire J. Rodgers	Benjamin N. Drury	Hailey Yabroudy
Samantha Fontaine	Dean G. Romano	Naomi L. Durand	Kan Zhou**
Lauren Tiffany Fraser	Yves Sabato**	Taggart C. Eymer	
Gesnel Gachelin	Johnathan Savino	Kayla Jill Fisher*	
Elizabeth Victoria Haddad	Ekaterina Semenova**	Ethan M. Frisch*	
Carolyn E. Hajdusek**	Jeffery R. Shivers	Nadya Ganem*	
Amanda Lynn Horgan*	Emma Lillian Sinkus	Hang Gao	
=			

Candidates for Bachelor's Degrees

The Latin honors, recognizing academic achievement, (summa cum laude, magna cum laude, and cum laude), are printed on diplomas and announced at school and department ceremonies.

Bachelor of Science

Anika H. Blitzstein Judy Charamand Handy Dorceus* Diego J. Espinoza Rodriguez* Jesus Joaquin Garcia* Andres Hernandez Noah W. Hill* Lea G. Jacobson Caleb Enrique Jeanniton Priyanka A. Kadam Chengze Ma Angela Rose Maliakal Jonathan M. Merkin Westley Indiana Park-Kouh Daisy Y. Sanchez Chastidy L. Vasconez Jada D. Worthy

Bachelor of Science in Biomedical Engineering

Esther T. Adegoke Meital Hilla Agagi Amma N. Agyei Naiat Alireza Miles Jensen Arnett Harry C. Binder** Marguerite Anita Anna Lauralee Pierre Blanc Mark A. Cabrera Xinjie Chen Rebecca Worth Crawley Serena Derderian Aonkon Dey Ethan S. Donnelly Emma C. Downey Katherine Rose Edeburn Fariha Fairoz Nashielli Guadalupe Gallegos-Diaz Alexa N. Galuppo Tina Guo Yves Hirwa Gatete Charlotte Jacobus Keshav Joshi

Anders S. Knudsen Glenn Leung Sofia Ariette Levy Loren M Mahia Rachel A. McGinn Alec K. McKendell Addison Bouchard Mirliani Sevara Nasritdinova Cole J. Neely Hannah Adele Neilon Biagio T. Paoletta** Riley S. Patten Maximilian K. Schwenk Delaney Sinko Brooke M. Smiley Jordan A. Smiley Ruben Torres-Sanchez Michael Bryce Victor Alycia C. Wong

Bachelor of Science in Chemical Engineering

Alyssa E. Attonito

Isabelle T. Barnhart Garvel S. Cassamajor Jr. Allison N. Choi Grace M. Constantino Xiaokun Dong Zackary B. Dresens Sophie L. Girard Aaron Gould Michael J. Gregorace Sidney M. Hillwig Allison T. Johnston Janice W. Ko Kathryn M. Lazar Jane Se-Eun Maeng Kelly M. Matuszko Yaniv Cheonan Mubanga-Kougba Jayson Paull Pinals Nicolas S. Ragusa Anna Shulman Frederick Dalton Tanner Leah Fukuda Truskinovsky Christina E. Uhlenbrock Mandy Wang Emma D. Weston Ajun S. Wit Patrick T. Wright Matthew T. Zackin

Bachelor of Science in Civil Engineering

Jonah Makanaakala Apo Mallory Shae Baus Sarah B. Flower Elizabeth Kiah Frieden Elias Sandberg Goodrich Benjamin C. Healy Xinvan Huang Paul Jijimya Konrad Paul LaDow Owen J. Lasko Selvin Emilio Lendos Nicholas H. Mui Abraham Oleta Matthew George Paragamian Sarah C. Pircio Miguel David Rothe Lucas M. Schwartz Eddy W. Wanyonyi

Bachelor of Science in Computer Engineering

Xuesi Chen Daniel I. Ernst Michael V. Eve John D. Freeman Iessica L. Nordlund Aryaman R. Pandya Max J. Ramer Michael A. Riegert Rebecca Marie Skantar Matthew J. Trivigno

Bachelor of Science in Computer Science

Emily Grace Ahuna

Rujen Amatya

Aidan J. Bauer Hally M. Bello Isabel O. Bulman Samuel Chan Ian J. Chang Qijin Chau Elise (Zetty) Yeon Cho Jonathan B. Conroy Andrew S. Crofts Mattia Danese Andrew DelMastro Catherine Jiang Ding Jessica M. Echeverria James Bridger Eidson Elizabeth Endo Nolan Dyer Feeley Thomas J. Felt Victor D. Fonarev Collin T. Geary Lwam G. Gidey Man Ki Ho Elizabeth I. Hom Erena C. Inoue Reed D. Kass-Mullet Kehinde Grace Kayode James Lai John S. Little Tianvi Ma Alex Maleno Hailey McKelvie William B. McLeish Rebecca An-Li Miller Noble O. Ohakam Erce Özmetin Rvan T. Polhemus Keenan E. Rhea Samuel Saron Ethan L. Schreiber Cindy Siu Samuel Stevens Joshua A. Stone Darren V. Tang **Anthony Tranduc** Alexander K. Tsuetaki Andrew T. Vu Liana Wang Sophia Wang Zayyad A. Yunus Andrew Y. Zhang Alexander Kenzo Zsikla

Yasaman Khorsandian

Candidates for Bachelor's Degrees

Bachelor of Science in Data Science

Edward Francis Alf IV Isaac I. Gorelik Judith M. Hanson Priscilla Hodgkins Zoe Hsieh Ansgar Frederik Jordan Nicolas J. Murphy XuanKhanh Nguyen** Alexander D. Seto **Zhitong Zhang**

Bachelor of Science in Electrical Engineering

Anoushka P. Alavilli Brendan M. Amorin John W. Batchelor Danish M. Bhatti* Melinda R. Burns Samuel Burns Cohen John T. Davis Arnav Gupta Ji Yang Luo Enna McBride Liam P. Mooney Huyền K. Pham Zev Pogrebin Collin Pond* Benjamin Michael Pradko Leyla Rami Corlene A. Rhoades Youssef Soliman **Justin Emmanuel Tayares** Siqi Wang Caleb Weinstein-Zenner Emma P. Wellington

Bachelor of Science in Engineering

Tharina Y. Messeroux

Bachelor of Science in Engineering Physics

Freja Perin Felix J. Yu

Bachelor of Science in Engineering Science

Nicolas M. Louis-Kayen**

Bachelor of Science in Environmental **Engineering**

Noah C. Bedrosian Kristina Marjorie Akiko Boylan Mahamadou Camara Caitlin Vachon Colino Krystian Gombosi Mallory Kivi Hood Sophie Impellitteri René Amanda LaPointe **Jameson** Elizabeth Sarah Mitchell Victoria Marie Molitor Elsa Sager Rohm Madeline Fry Tennant Greta S. Van Curan Katherine T. Wilson Jacob L. Wolfe**

Bachelor of Science in Mechanical Engineering

Nicole Alden** Valerie L. Anders Matias A. Aranguiz Stephanie Claire Bentley Jeffrey S. Blitt** Auguste H. Brown Morgan Nicole Burke Travis Clauson Michael P. Cohen Tara E. Curran Joao Gabriel M. De Brito Matthew Donald Diamond Rachel Ann Eaglin Alp Ege Alexander L. Eldaief Alexander N. Fasolo Ilan Felberg Michael J. Feltis** Joshua C. Fitzgerald Joshua Travis Follenweider David H. Gelfand Owen S. Gervais* Ronan O. Gissler Kamar Godov Charvady Shania Hak Bailey C. Halbreich Trevar S. Hall Majeed Hallaj Sierra Heuvelman Olif Soboka Hordofa Bjorn A. Isaacson Aashir Jalal Megan E. Jenney Lily E. Keiderling Taylor E. Korte** **Emily Grace Kostolansky**

Shruti L. Krishnamachari May Lam Alanna Renae Levitt William Christopher Levorse Michelle Ma Samuel R. Merson Allison M. Moore Kyle W. Moran** Dominic T. Ndondo William Bowen Newberry Sawyer B. Paccione Grace True Pacelle** Aditi Periyannan Ananya Ram William J. Reid Catherine Robbins Edward H. Robbins III Jacob A. Rocco Jesus A. Rodriguez Raymond Leonard Rogers Sergio Roman Jessica Madison Rosendorf Nicole C. Russo Daniel I. Ryaboshapka** Natalie Marie Sheehan Rebecca Leann Shen **Grant Reilly Smith** Victor Manuel Soto Castro Zosia Stafford Jillian E. Stern Maia Roeché Taffe Alexandra Louise Talbot Talia Emma Toland Olivia Tomassetti Eduardo Andrés Vargas Gutiérrez **Andrew Cathcart Voss** Dorothy Kalin Waskow Tia Watts

Commencement 2022

130TH COMMENCEMENT School of Medicine

42ND COMMENCEMENT Graduate School of Biomedical Sciences

School of Medicine and Graduate School of Biomedical Sciences

Order of Events

Musical Prelude

Processional

Chief Marshal Amer G. El-Haddad, M.D., Clinical Assistant Professor of Family Medicine

Presenter Laura E. Baecher-Lind, M.D., M.P.H., Dean for Educational Affairs,

School of Medicine

Welcome Helen W. Boucher, M.D., Dean ad interim, School of Medicine

Greetings Daniel G. Jay, Ph.D., Dean, Graduate School of Biomedical Sciences

Presentation of Faculty Emeritus Certificates Presented by: Helen W. Boucher, M.D., Dean ad interim

Recipients:

David Eugene Clark, M.D., Professor of Surgery

Henry Klapholz, M.D., M.E.E., Professor of Obstetrics and Gynecology Michael A. Lew, M.D., Clinical Associate Professor of Medicine

Barbarajean Magnani, M.D., Ph.D., Professor of Anatomic and Clinical Pathology Virgil Serban Manica, M.D., Clinical Associate Professor of Anesthesiology

and Perioperative Medicine

Anthony L. Schlaff, M.D., M.P.H., Professor of Public Health and

Community Medicine

Leslie G. Selbovitz, M.D., Clinical Professor of Medicine

Susan Patricia Torrey, M.D., Associate Professor of Emergency Medicine

Medical Class President Address Antonio Isaiah Laracuente, M22

Graduate School of Biomedical **Sciences Student Address**

Judith Miriam Hollander, GBS22

Presentation of Diplomas to M.D./M.B.A. **Candidates, School of Medicine**

Helen W. Boucher, M.D., Dean ad interim Amy B. Kuhlik, M.D., Dean of Student Affairs

John A. Matias, M.Ed., Associate Dean of Student Affairs and Admissions

Paul R. Beninger, M.D., M.B.A., Director, M.D./M.B.A. Program

HOODING

Mary E. Brown, M.D., M.S., Associate Dean of Students Jessica A. Shah, M.D., M.P.H., Assistant Dean of Students Janet S. Kerle, Associate Dean of Student Affairs (Retired)

Maurice F. Joyce, M.D., Ed.M., Assistant Professor of Anesthesiology and

Perioperative Medicine

Presentation of Diplomas to M.D./M.P.H.

Candidates, School of Medicine

Helen W. Boucher, M.D., Dean ad interim

Anthony Schlaff, M.D., M.P.H., Director, Public Health Program

School of Medicine and Graduate School of Biomedical Sciences

Order of Events

Presentation of Diplomas to Maine Track

Candidates, School of Medicine

Helen W. Boucher, M.D., Dean ad interim

Douglas B. Sawyer, M.D., Ph.D., Academic Dean, Maine Medical Center

HOODING

Jo E. Linder, M.D., Assistant Dean for Students, Maine Medical Center

Presentation of Diplomas to M.D. Candidates,

School of Medicine

Helen W. Boucher, M.D., Dean ad interim

Presentation of Diplomas to M.S. Candidates,

Graduate School of Biomedical Sciences

Daniel G. Jay, Ph.D., Dean

Daniel Volchok, Ed.D., Associate Dean

Presentation of Diplomas to Ph.D. Candidates,

Graduate School of Biomedical Sciences

Daniel G. Jay, Ph.D., Dean

HOODING

Karl Munger, Ph.D., Dorothy Todd Bishop Research Professor

Doctoral Faculty Advisors

Presentation of Diplomas to M.D./Ph.D. Candidates, School of Medicine and **Graduate School of Biomedical Sciences** Helen W. Boucher, M.D., Dean ad interim, School of Medicine Daniel G. Jay, Ph.D., Dean, Graduate School of Biomedical Sciences

HOODING

Michael Chin, M.D., Ph.D., Director, M.D./Ph.D. Program

Doctoral Faculty Advisors

Administration of Modern Hippocratic Oath

Allison S. Chatalbash, M.D., Clinical Assistant Professor of Medicine

Musical Recessional Angela Theresa Ryck, M22

> Elena Marie Ryck Stephen Francis Ryck

School of Medicine

Candidates for Combined Degrees/Candidates for Degrees—Maine Track Program

Doctor of Medicine and Master of Business Administration

Aniksha Balamurugan Nicholas Joseph Coccoluto Adam Nathan Faletsky± Shilpa Jai Ghatnekar±^

Anusha Sri Vaishnavi Jayaram±^

Samuel William Nowicki

Cody R. Perskin

Benjamin Max Pockros±

Jacob Adam Radparvar

Akash Rastogi

Vanessa May Yee Yu

Doctor of Medicine and Master of Public Health

Alex Lu Dai

Frances S. Enger^

Emma M. Ernst±

Rachel A. Gottlieb^

Megan Elizabeth Harper

Mihir John

Lena Elyce Jorde

Daniel J. Kushigian

Mary Bridget Lee∞

Meghan Elizabeth Murphy^

Nicholas George Nasser^

Isabel Safa Obrien

Allison Yorke Rhodes^

Michael Thomas Rosa

Benjamin Reid York

Doctor of Medicine and Master of Public Health-**Maine Track Program**

Sarah E. Hemphill^

Hannah Kruse Young

Tyler John Lang

Caroline Little Wight∞

Doctor of Medicine— Maine Track Program

Jeffrey Jan Aalberg Jr.±

Sivana L. Barron±^

Halla Hazelrigg Bates^

Connor A. Bell

Mathieu Nadim Boulad

Andrew Evan Brown

Richard G. Byrnes

Molly Amanda Caron

Ketch William Cowan Susannah Kathryn Daggett

Conor Dahlberg

Benjamin Brookings

Davison

Wendy Ho Doan

Elizabeth Catherine

Garbitelli

Ashleigh Anne Gibula

Devon Wills Huntley

Chava Mali Karunasiri

Natalie L. Kuhn

Peter Nicholas Kyros III

Andrew David Lachance

Carolyn Rose Larkins

Madeline Cormier

Larochelle

Danielle Beth Levine

Amy Elizabeth McLaughlin

Harrison M. McUmber**

Nathaniel Flaschner

Meyer^∞

Abdimajid Mohamed^

Aaron J. Prugar

Haya Raef^

James Robert Ryan

Angela Theresa Ryck

Sophia Kamilah Salas^

Alexander Schin^{^∞}

Stephen Cecil Soohey**

Annika Noelle Treyball

Dana R. Tripp

Colin Tiernan Waters

Cody Ronald Whitcomb

Christopher James Whiting

Michael Workman

David Stephen James

Yarnell

Prathusha Yerramilli

School of Medicine

Candidates for Degrees

Doctor of Medicine	John Francis Jake Griffin	Allison A. Marshall±	Jordan Armando Santiago
Tara Ahmadi±^	Charlotte Leigh Harrington	Yesenia Martino-Cortez	Keith Savran^
Curie Ahn	Bridget Kathleen Harrop	Michael A. Mastroianni^	Jessica A. Serventi- Gleeson^
Matthew Aranow	David Jeffrey Hastie±	Philip James McFarland	Suraj Sanjay Shah^
Amal A. Asghar	Ashley Nicole Haynes	Jane Canfield McLarney	
Marianna Carmen	Erica L. Heiden	Alegra Isabel Mendez	Jeffrey L. Shi
Athanassiou	Alexa Joy Hooberman	Corey Michelson	Jasmin Cassandra Shores
Mohyee Ihab Ayouty	Andrew Hu	Benjamin H. Miltenberg	Brijend Shrestha
Emma Terese Azurin	Rebecca A. Hu	Edward S. Mojica±	Pooja Pinki Sikka±
Bardia Bahadori	Nicole Yi Zhen Huang∞	Martinique D. Moncrieffe	Nathaniel Ian Smith
Nicholas Caggiano	Alexander Hüther	Hania Tariq Mumtaz	Justin Michael Soffer
April A. Carlson	John Ugonna Ibekwe	Anays Murillo∞	Genevieve M. Spagnuolo
Jessica Elaine Chang	Nikhil Rao Illa	Elizabeth Noh	Matthew Alexander Statton±
Aditya Chennojwala	Daniel G. Jimenez	Connor O'Boyle	Vazgen Stepanosyan
Sarah Alyssa Chepeleff	Jared Seth Kahn±	Christian Fernando	Nairi Kulhanjian Strauch
Camila Maria Chile∞	Sarah Haejin Kang	O'Conner	Nishadh Sutaria
Alaia Maria Moniquita Christensen	Efthalia Fay Kaynor^	Kelly Marie Ohlrich	
	Caitlin Mary Keenan	Oluchukwu Chisom Onwuka	William B. Thedinger Daniel Stewart Thomson
Daniel Ilan Copeland^	Jae J. Kim		
Alex Coston^	So Un Kim	Ani Elizabeth Papazian	Nicholas John Toomey
Alexis A. Coulis	Natalie Kleeman Klapholz	Rumzah A. Paracha	Matthew John Tucker
Gabrielle Courtney Cremone	Kathryn Grace Almon	Michelle Park	Margot Lee Valmé
Donyell Marc Croney	Kompa	Ashleigh Noelle Pavlovic	Katrina Alexandria Vokt
David Dávila^∞	Nicholas Reed Kraus	Jenna Lynn Pollock	Brendan Myers Vosburgh
Bowei Deng	James Taekyoon Kwan	Rachel Elizabeth Porth	Dallas Nicole Walter
Theresa Omolara Emeli^	Lester Hoplin Lambert	Varsha Pramil±	William Xianghan Wei∞
Ryan Clark Engert	Antonio Isaiah	Akiff Premjee∞	Kathryn Marie Welp^
,	Laracuente^	Ariq Ishmamur Rahman	Tatum Reed Williamson
Andrew Felber	Isaac Walter Lasko	Animan Randhawa	Anthony J. Yu
Jasmine Ariana Fernández∞	Raheem S.S. Lawrence	Shreya Ranjan	Mina Zaky
Christopher Villar Flores	Khanh Hoang Nicholas Le^	Sherry Jacqueline Reddix^	Giovanna Alessandra
Malka L. Forman	Mika Matsuuchi Lindsley	Alyse M. Reichheld	Zampierollo-Jaramillo
Sina Foroutanjazi±	Mathew Joseph Lucas^	Matthew Damian Riina	Lincoln Zernicke
Arjun Gajulapalli	Katherine Eva Macarthur	Thomas Slattery Roberts	
Ilana Peri Goldberg±	Sarah Eng Madoff	David R. Rose	
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Ndeye Ngueya Sall

Manayan

Melisa Diana Granoff±

Regan Conner Woodward

^{*}August 2021 Graduate **November 2021 Graduate ***February 2022 Graduate ±Honors in Research *^Honos Civicus* Society ∞Sam W. Ho Health Justice Scholars

Graduate School of Biomedical Sciences

Candidates for Degrees

Master of Science

Dara Sumiyo Azuma

Clinical and Translational Science

Thesis: Impact of Maternal Diabetes on Salivary Hunger Signaling Gene Expression and Associations with Neonatal Body Composition and Energy Homeostasis Gene Expression Advisor: Angie Rodday, Ph.D.

Caroline Marie Hsu

Clinical and Translational Science

Thesis: Acute and Chronic Dialysis during the Coronavirus

Disease 2019 (COVID-19) Pandemic Advisor: Daniel Weiner, M.D.

Evangelos Papathanasiou*

Clinical and Translational Science

Thesis: Specialized Pro-resolving Mediators (SPMs) & Scar

Tissue Formation after Cleft Lip Surgical Repair

Advisor: Gordon Huggins, M.D.

Luke Anthony Parsley

Genetics

Thesis: Benchmark of Tools and Methods Used in the Analysis of Massively Parallel Reporter Assays

Advisor: Ryan Tewhey, Ph.D.

Natalie Pawlak

Clinical and Translational Science

Thesis: Association between Immune Activation and Birth Outcomes among HIV-Infected and Uninfected Pregnant Women in Zambia

Advisor: David Kent, M.D.

Jessica A. Penney

Clinical and Translational Science

Thesis: Diagnostic Testing Stewardship in Urine Testing: Impact of Changes in Testing Practice on Culture Rates and Outcomes Advisor: David Snydman, M.D.

Emma Rachel Price

Clinical and Translational Science

Thesis: Factors Associated with Antimicrobial Prescription and Development of a Preliminary Antimicrobial Benchmark in Inpatient Dogs and Cats at a Small Animal Academic Hospital Advisor: Nicholas Frank, D.V.M., Ph.D.

Hsin-Yeong Yen*

Neuroscience

Thesis: Neuroendocrine Modulation of GABAergic Inhibition Advisor: Stephen Moss, Ph.D.

Doctor of Philosophy

Mariam Alamoudi

Pharmacology and Experimental Therapeutics Dissertation: CHA1 in Management of Triple-Negative **Breast Cancer**

Advisor: Amy Yee, Ph.D.

Camila Maria Gracia Barrios Camacho***

Neuroscience

Dissertation: Identifying and Modeling the Plasticity of Activated Horizontal Basal Cells: Consequences for Injury-Mediated Neurogenesis and Olfactory Epithelium Regeneration Advisor: James Schwob, M.D., Ph.D.

Candice Byers***

Genetics

Dissertation: Deciphering Genetic Control over Cell

State Transitions

Advisor: Christopher Baker, Ph.D.

Stacie A. Clark*

Molecular Microbiology

Dissertation: Uncovering the Spatially Regulated Macrophage-Induced Transcriptional Response of Yersinia pseudotuberculosis in Microdroplet-Derived Inflammatory Sites that Mimic Infection in Deep Tissue

Advisor: Ralph Isberg, Ph.D.

Christina Deliyiannis Accetta*

Pharmacology and Experimental Therapeutics

Dissertation: Investigation of Novel Compound 5870, a Dipeptidyl Peptidase Targeted Agent, for Cancer Therapy with Specific

Adaptive Immunity

Advisor: William Bachovchin, Ph.D.

Keith P. Eidell*

Immunology

Dissertation: The Role of Integrins in SLP-76 Microduster Centralization and Cytoskeletal Organization at the Immune

Advisor: Stephen Bunnell, Ph.D.

Alyssa Catherine Fasciano*

Immunology

Dissertation: Uncovering Mechanisms of Yersinia pseudotuberculosis Invasion through and Elimination of M Cells via Development of a Human Ileal Enteroid Tissue Model Advisor: Joan Mecsas, Ph.D.

Jackson P. Fatherree

Cell, Molecular and Developmental Biology

Dissertation: Chemotherapy-Induced ECM Remodeling in

Triple-Negative Breast Cancer Advisor: Madeleine Oudin, Ph.D.

Graduate School of Biomedical Sciences

Candidates for Degrees

Kate Emily Foley***

Genetics

Dissertation: Evaluating the Interactions between Aging, Running and *APOE*^{E4} on Systemic and Cerebral Risk Factors

for Dementia

Advisor: Gareth Howell, Ph.D.

Daniel Fritz***

Cell, Molecular and Developmental Biology

Dissertation: Regulation of the Platelet Calcium-AKT-Integrin

Signaling Nexus by Dematin Advisor: Athar Chishti, Ph.D.

Judith Miriam Hollander***

Cell, Molecular and Developmental Biology

Dissertation: A Novel Metabolic Switch from Glycolysis to Oxidative Phosphorylation during Postnatal

Cartilage Maturation

Advisor: Li Zeng, Ph.D.

Samantha Toshie Howard***

Neuroscience

Dissertation: Hypocretin/Orexin Neurons Mediate

Diabetic Emaciation Advisor: Dong Kong, Ph.D.

Basma Hosam Joma***

Immunology

Dissertation: A Murine Model of Age-Related Susceptibility to Influenza-Streptococcus pneumoniae Co-Infection

Advisor: John Leong, M.D., Ph.D.

Ashlee Rose Junier***

Genetics

Dissertation: Of Fungi, Fe, and Filamentation— How Iron Limitation Can Bypass the Dfi 1 Pathway

and Regulate Filamentation Advisor: Carol Kumamoto, Ph.D.

Jonah Larkins-Ford***

Molecular Microbiology

Dissertation: in vitro Drug Combination Measurements Predict Treatment Outcomes in Mouse Models of

Mycobacterium tuberculosis Infections

Advisor: Bree Aldridge, Ph.D.

Kathryn L. Lee*

Neuroscience

Dissertation: Pharmacological WNK Kinase Inhibition Enhances KCC2 Activity and Limits Seizure Events in vivo Advisor: Stephen Moss, Ph.D.

Rachel Emily Levene*

Molecular Microbiology

Dissertation: Regulation of the Influenza A Virus Host Shutoff Factor PA-X through Hijacking Host Proteins and Pathways

Advisor: Marta Gaglia, Ph.D.

Erion Lipo*

Genetics

Dissertation: Host Cell Strategies to Bypass Legionella Attack

on Translation

Advisor: Ralph Isberg, Ph.D.

Micheal A. McLellan*

Genetics

Dissertation: Investigating Cardiac Tissue Composition and Intercellular Signaling through the Development of Novel Methods for Single-Cell Transcriptomics and Primacy Cardiac Culture

Advisor: Nadia Rosenthal, Ph.D.

James P. Phelan

Molecular Microbiology

Dissertation: Understanding the Genetic Requirements for

Borrelia burgdorferi Survival in its Tick Host

Advisor: Linden Hu, M.D.

Elizabeth Catherine Porter

Cell, Molecular, and Developmental Biology

Dissertation: Evaluation of Fetal Cardiac Extracellular Matrix Peptides for Repair and Regeneration of the Right Ventricular

Outflow Tract

Advisor: Lauren Black, Ph.D.

Alexandra Sack*

Clinical and Translational Science

Dissertation: A One Health Approach to Zoonotic Parasitic and Vector Borne Diseases: Evaluating Anthropogenic,

Environmental, and Spatial Risk Factors

Advisor: Honorine Ward, M.B.B.S.

Michael Kenneth Thorsen

Cell, Molecular, and Developmental Biology

Dissertation: Biochemical, Biophysical, and Structural Characterization of the Conserved Herpesviral Nuclear

Egress Complex

Advisor: Ekaterina Heldwein, Ph.D.

Katherine Watters***

Neuroscience

Dissertation: SynCAM 1 and SynCAM 2 Mediate Rodent Cortical

Connectivity in the Prefrontal Cortex Advisor: Thomas Biederer, Ph.D.

Vanessa Fatima Yanez

Cell, Molecular, and Developmental Biology

Dissertation: Development of Non-Viral Vectors for Delivery of

CRISPR/Cas9 to Treat Inherited Retinal Diseases

Advisor: Rajendra Kumar-Singh, Ph.D.

Mengyun Zhang***

Molecular Microbiology

Dissertation: Legionella pneumophila Control of Tubular Endoplasmic Reticulum and Translation Initiation during

Early Infection

Advisor: Ralph Isberg, Ph.D.

School of Medicine and Graduate School of Biomedical Sciences

Candidates for Combined Degrees

Doctor of Medicine and Doctor of Philosophy

Uriel S. Bulow

Molecular Microbiology

Dissertation: Discovery of the Hemifusion Trigger

in Lassa Virus Entry

Advisor: James Munro, Ph.D.

Robert Anthony Cerulli

Cell, Molecular, and Developmental Biology Dissertation: Development of Peptide Inhibitors of Cancer Cell Signaling Targets, STAT3 and LC3B

Advisor: Joshua Kritzer, Ph.D.

Ramesh Govindan

Cell, Molecular, and Developmental Biology Dissertation: Sequential Activation of the Ebola

Fusion Glycoprotein

Advisor: James Munro, Ph.D.

Seth William Vogel

Neuroscience

Dissertation: Myo-Inositol Supplementation Augments Visual System Maturation in Mice

Advisor: Thomas Biederer, Ph.D.

A Modern Hippocratic Oath (modified)

By Louis Lasagna, M.D., Dean Emeritus, Graduate School of Biomedical Sciences

I swear to fulfill, to the best of my ability and judgment, this covenant:

I will respect the hard-won scientific gains of those physicians in whose steps I walk, and gladly share such knowledge as is mine with those who are to follow.

I will apply, for the benefit of the sick, all measures, which are required, avoiding those twin traps of over-treatment and therapeutic nihilism.

I will remember that there is art to medicine as well as science, and that warmth, sympathy, and understanding may outweigh the surgeon's knife or the chemist's drug.

I will not be ashamed to say, "I know not," nor will I fail to call in my colleagues when the skills of another are needed for a patient's recovery.

I will respect the privacy of my patients, for their problems are not disclosed to me that the world may know. Most especially must I tread with care in matters of life and death.

I will remember that I do not treat a fever chart, or a cancerous growth, but a sick human being, whose illness may affect the person's family and economic stability. My responsibility includes these related problems, if I am to care adequately for the sick.

I will prevent disease whenever I can, for prevention is preferable to cure.

I will remember that I remain a member of society, with special obligations to all my fellow human beings, those sound of mind and body, as well as the infirm.

If I do not violate this oath, may I enjoy life and art, respected while I live and remembered with affection thereafter.

May I always act so as to preserve the finest traditions of my calling and may I long experience the joy of healing those who seek my help.

Order of Events

Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs **Greeting and Remarks Class Address** Alexander A. Bonano, Master of Public Health Candidate **Keynote Address** Pritesh Gandhi, M.D., M.P.H., Ao4, M11, Chief Medical Officer, Department of Homeland Security Recognition of M.S. Biomedical James Kubilus, Ph.D., Associate Director, M.S.—Biomedical Sciences Program Sciences and M.S. Biomedical Josh Cooper, M.Ed., J.D., Associate Dean for Student Services, Public Health and Sciences/M.P.H. Candidates Professional Degree Programs **Recognition of M.S. Health Informatics** Olaf Dammann, M.D., Ph.D., M.S, Vice Chair, Public Health and and Analytics Candidates Community Medicine Recognition of M.S. Medical Science and Beth Buyea, D.H.Sc., P.A., Director, Physician Assistant Program M.S. Medical Science/M.P.H. Candidates Recognition of M.P.H. Candidates Anthony Schlaff, M.D., M.P.H., Director, Public Health Program Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs **Closing Remarks**

Candidates for Degrees

Master of Science in Biomedical Sciences

Priscilla M. Abedu

Amar Almidani*

Azaria Monet Gullage

Atkinson

Mitali Banerjee***

Neelesh Sagar Bapatla*

Nathaniel Barger***

Alexandra Jane Baum*

Marianne Belanger

Jacob S. Blitstein

Timothy Steven Bond

Laurel M Bowling

Peter Jackson Bowling***

Gautam Sai Bulusu

Carlos E. Calderon Valero*

Mark Cardellino*

John Edwin Caton***

Pamela Ashley Chan^

Alexis Rhiannon Cole

Joshua J. Condon*

Casandre L. Crenshaw

Brianne E. Crowther***

Cassandra W. Cu

Saimrunali Venkata Rao

Dadigala

Eric Yang Dai***

Mariah Mary Carole Davis

Molee A. Desai

Lorraine Claire Perez

De Velez*

Remi Dolan***

Hannah Edenbaum

Nabeel Geis Elabdeia

Erin Renee Equinozzi

Jacob Samuel Birke Fiedler

Elena G. Hughes*

Sureva Fatima Hussani*

Erin L. Iacullo***

Nathan David Johnson***

Hagop A Kalandjian***

Maria Helen Karagias***

Yusef M Karaouni***

Christina Joy Kelly***

Jenna M. Kiley

Hyeon Hye Kim

Viren A. Kumar Dayal

Retina Kundu

Nicholas Austin Lehrhoff

Shanda Lynn Lightbown*

Erika Jasmin Magana*

Kuhan Arunn Mahendraraj

Ryan Patrick Main

Iessica Bwari Makori

Iordan Maurer*

Jaeden Ashae Imani

McKenzie

Maggie McMahon

Gina Nicole Michael

Fletcher B. Moore*

Rey Daniel Mota*

Mikayla R. Musumeci***

Sophie Nader

Ngoc Tram V. Nguyen*

Jennifer Ong

Sarah H. Park***

Neena Ashvin Patel

Shrey Vijaykumar Patel

Emma Elise Patterson

Iordan Puskas-Sullivan

Sebastiana Margaret Jean

Redford

Allison R. Reeves

Ruth S. Saganty*

Sumedha Sahay

Gaia Sartorelli

Gregory William

Schwarz***

Samir Chandra Seshadri

Seraphima Samir Sidhom

Mary Faith Smith

Morgan W. Stewart

Olivia Richards Stockly

Joseph Edward Stucky

Sai Shreva Sunkara

Pratyusha Tadepalli*

Tamilla Tariverdieva* Amanda C. Taus***^

Yojana Thapa

Lauren Elizabeth Tobias

George Nicholas Triantafillou*

Saprina Truong

Bethany R. Vix

Tammy Vo*

Iasmine Elisabeth Walker

Grace Elizabeth Li

Williams

Eric Wu*

Zhuoqing Suzy Xu

Xiaoyu Yang*

Richard Yoon

Maya Nicole Younker

Jacob Zhang

Master of Science in **Health Informatics** and Analytics

Mulham Alassad*

Nicole R. Allman

Justin Douglas Barton

Catherine L. Bilinski***

Sarah Chen*

Hailey D'Silva

Kathleen Anne Gomperts*

Robert K. Han Tang***

Vanak Huot

Gregory M. Lum

Iennifer E. Miller

Vivian Neilley

Claire M. Tian* Joseph Rocco Tramontozzi

Monica G. Vieira

Kesia Walker-Rice*

Stephanie Laura Winn

Candidates for Degrees

Master of Science in Medical Science Hannah Abbe*** Courtney Brown*** Sarah Elizabeth Burd*** Toryn Marie Cairo*** Kellie Anne Condon***

Colin Joseph Cummings*** Meghan Colleen Dietter*** Hannah Dunn***

Kerry Nelson Eaton*** Chelsea Ettinger***

Hannah Rose Gasperoni*** Alexandra Lee Gentry***

Haley Gray***

Rachel Leah Gross***

Camille Harris

Kimberly Nicole Johnston***

Samantha Lin Kehoe***

Caroline Elizabeth Kelleher***

Leah Koechlin***

Elizabeth Loranger***

Jessica Mancinelli***

Juan Ramon Marrero

Hernandez***

Taylor Matson***

Shawn McCoy***

Katherine Fording Melvin***

Allison Price Moody***

Dennis John Muldoon***

Ryan Osborn***

Mariana Sardinha Osello***

Michala Peltak***

Michael Earl Pontius***

Catherine Pulles***

Sean Quinn***

Sara Greenglass Ritchie***

Havden Smith***

Mitchell L Snell

Dylan Tromblay***

Emilee Marie Wilson***

Benjamin Michael Woodward***

Cassidy Youngberg***

Kennedy Marie Zaccheo***

Kellen Gregory Zakula***

Master of Public Health

Sara J. Ahsan***

Noor Al-Qabandi

Stephanie Chisom Amaefuna*

Sarah Anderson

Taylor Nicole Athanasiou^{††}

Hanna W. Atia

Lauren Alyssa Ballini***^

Amanda G. Bank††

Iennifer M. Barvincak

Ric Bayly***

Kerri Beine

Madelon Bird*

Alexander A. Bonano

Emily Anne Burrows

Emily Ada Marie Butcher***

Amelia Caramadre*

Samantha Cardwell*

Amny A. Cerritos

Sivu Chen

Stacy Chen*

Brian H. Chung*

Kristen Ciarlo***

Jovanna D'Alonzo

Emily Daub

Marina DeAngelis

Iulia Grace Debertin††

Shannon Delaney

Bhumika S. Desai

Emily Frances Doke

Jacqueline Dow***

Adrienne Ruth Dunlap***

Erin L. Dwyer***

Tsion Gezahegne Fikre***

Margaret A. Garrahan*

Megan R. Geddes

Raymond Graham*

Thomas Granger

Laurie W. Huang

Jennifer Akunna Ihedioha

Marisol Iniguez

Shannon E. Irvine

Leah Jacobson-Hardy

Zarena Simone Jafry***

Xu Jiang

Dorcas Johnson*

Sarah Marie Kelley††

Iordan E. Kron††

Benjamin Lee††

Iasper E. Lee***

Szu Chieh Lee***

Devika Lekshmi

Deborah Jiahui Li*

Yixin Li

Yanxi Liu

Shannon C. Lynch

Raabia Ayub Malik

Hallie Gray Maly***

Kathrine A. Mansfield

Megan W. Martel*

Anna Massefski***††

Gabriella G Montgomery

Ian Gregory Moore*

Kathryn C. Morris††

Zainab Nadeem

Rhea M. Nambiar*

Nikhil Nath*

Tianwei Niu***

Amaodo Ogechukwu

Oguagha

Sarah Palmer††

Matthew Pavlovic*

Leah Banner Poole

Andreea R Pluti

Zhengyuan Qiu***

Ruchi S. Raval

Iulianne Nicole Richard

Evan Winslow Robison

Lisa G. Rycyna*

Lily Schneider

Cordelia Sheetoh***

Minnah Sheikh

Michelle Sickles

Shalome L. Sine*††

Elizabeth Marinela

Stidham

Isha Taneja*

Kaitlyn V. Thompson***

Caitlin A. Vaccarelli

Maeva Veillard*

McKailey Walters*

Ashlyn Whaley

Ravali Yenduri

Kaisaier Yimuran***

Ruitong Zhao

Doctor of Public Health

Ebuwa Igho-Osagie*

Candidates for Combined Degrees

Doctor of Veterinary Medicine and Master of Public Health

Katherine Maria Mosley

Claire Schmidt

Master of Science in Medical Science and Master of Public Health

Katherine Emily Daigle***††

Angeline Olga Ebnet***

Connor Long***

Michelle Ngeouyang***

Shannon Briana Polley***

Annie Ye Wong***††

Master of Science in Biomedical Science and Master of Public Health

Sarah H. Fauzia*

Todd Michael Hodgkiss

Varun Kasula*

Pooja P. Patel

Katrene Rustemi

Bartosz Szewczyk

Christopher Michael Vela*

Peter J. Zazzali***

School of Medicine and Graduate School of Biomedical Sciences

The Class of 2022 Student Prizes and Awards

American Medical Women's Association Glasgow-Rubin Academic Achievement Award

Caitlin Mary Keenan Meghan Elizabeth Murphy Ashleigh Noelle Pavlovic Rachel Elizabeth Porth

American Medical Women's Association **Glasgow-Rubin Academic Achievement Certificates**

Frances S. Enger Rachel A. Gottlieb Melisa Diana Granoff Kathryn Grace Almon Kompa Ani Elizabeth Papazian Tatum Reed Williamson

Dr. John T. Batal Prize

Lester Hoplin Lambert

Worth F. Bloom, M25, Prize

Nikhil Rao Illa Jane Canfield McLarney Angela Theresa Ryck

Harry H. Brenner, M33, **Memorial Prize**

Ashleigh Noelle Pavlovic

Charles Brusch, M34, and **Iane Brusch Prize**

Benjamin Brookings Davison Abdimajid Mohamed

Commencement **Committee Award**

Antonio Isaiah Laracuente

William Dameshek Award in Undergraduate Research

Tara Ahmadi Sivana L. Barron Emma M. Ernst Adam Nathan Faletsky Sina Foroutanjazi Shilpa Jai Ghatnekar Melisa Diana Granoff David Jeffrey Hastie Anusha Sri Vaishnavi Jayaram **Jared Seth Kahn** Edward S. Mojica Varsha Pramil

William Dameshek Award in Internal Medicine

Robert Anthony Cerulli Meghan Elizabeth Murphy

Distinguished Student Award-Physician **Assistant Program**

Haley Gray Shawn McCoy

Dublin Prize in Ophthalmology

Alexander Hüther

Dr. Ruth Marguerite **Easterling Award**

Alex Coston John Ugonna Ibekwe

Tim Edgar, Ph.D. Prize Leah P. Poole

H. Jack Geiger Public **Health Advocacy Award** Siyu Chen

Sydney S. Gellis Award in **Pediatrics**

Danielle Beth Levine Mathew Joseph Lucas

Professor Ernest Grable, M.D. Award

Sarah Eng Madoff

Graduate School of Biomedical Sciences Dean's Award

Robert Anthony Cerulli

John T. Harrington, M.D. Award

Meghan Elizabeth Murphy

Dr. Marc and Diane Homer Award in Diagnostic Radiology

Samuel William Nowicki

George L. Howland Award in Anatomy

Matthew Damian Riina

Dr. Frank Inserra Prize Uriel S. Bulow

David L. Kasdon Prize in Neurosurgery Daniel J. Kushigian

C. William Kaiser, M.D., FACS, FRCS (C) Prize

Adam Nathan Faletsky Michael A. Mastroianni

Louis Lasagna Award for **Translational Research** Carolyn Hsu

Leon Levinson Prize in **Physiology**

Erica L. Heiden Matthew Damian Riina

Martin J. Loeb Memorial **Prize in Medicine**

Rachel Elizabeth Porth Suraj Sanjay Shah

Martin J. Loeb Memorial **Prize in Surgery**

Mika Matsuuchi Lindslev Anays Murillo

Morton A. Madoff Public **Health Fellowship Award**

Laurel M. Bowling

Massachusetts Medical Society Scholars Award

Alex Coston Meghan Elizabeth Murphy

Medical Class of 1928 Award in Anatomy

Suraj Sanjay Shah

M.D./M.B.A. Academic **Achievement Award**

Akash Rastogi

M.D./M.P.H. and D.V.M./M.P.H. Academic **Achievement Award**

Michael Thomas Rosa

M.P.H. Academic **Achievement Award**

Julia Grace Debertin Adrienne Ruth Dunlap Annie Ye Wong

M.S. Biomedical Sciences **Academic Achievement** Award

Gautam Sai Bulusu Sebastiana Margaret Jean Redford Gaia Sartorelli Peter J. Zazzali

M.S. Biomedical Sciences **Dr. Alvar Gustafson Award**

Pamela Ashley Chan

M.S. Biomedical Sciences **Student Leadership Award**

Remi Dolan

M.S. Health Informatics and Analytics Academic **Achievement Award**

Sarah Chen Joseph Rocco Tramontozzi

Mildred Ann Myerson **Memorial Prize**

Philip James McFarland Allison Yorke Rhodes

Presidential Award for Citizenship and **Public Service**

Tara Ahmadi Alex Coston

Ethel and Reuben Russman, M34, Prize in Geriatrics

Rachel A. Gottlieb

School of Medicine and Graduate School of Biomedical Sciences

The Class of 2022 Student Prizes and Awards

Marsha Semuels Leadership Award-**Physician Assistant Program**

Juan Ramon Marrero Hernandez

Philip E. Sheridan, M.D. Prize

Benjamin Brookings Davison Raheem S. S. Lawrence

Norman S. Stearns M.D./ M.B.A. Leadership Award

Anusha Sri Vaishnavi Jayaram Benjamin Pockros Vanessa M. Yu

Leonard Tow Humanism in Medicine Award Sponsored by the Arnold P. **Gold Foundation**

Suraj Sanjay Shah

Upjohn Prize in **Pharmacology**

Nicholas Reed Kraus

Louis B. Weinstein Prize

Caitlin Mary Keenan Kathryn Grace Almon Kompa

Dr. Toby Wesselhoeft Family Medicine Award for Clinical Excellence, **Compassion and Service**

Alex Coston Sarah E. Hemphill

Zarren Family Prize

Mihir John Mina Zaky

A. Wells Ziegra **Compassionate Care Award**

Colin Joseph Cummings

Commencement 2022

154TH COMMENCEMENT School of Dental Medicine

Order of Events

Musical Prelude Woodvale String Quartet

Processional Michael Thompson, Ph.D., Faculty Marshal

Aruna Ramesh, B.D.S., M.S., D.M.D., Master of Ceremony

Charles Christopher Hines, *Student Marshal* Warigajeshta Yohan Arambepola, *Student Marshal*

Palak Patel, *Student Marshal* Shalin N. Shah, *Student Marshal*

Welcome Greetings Aruna Ramesh, B.D.S., M.S., D.M.D., Associate Dean of Academic Affairs and

Professor of Diagnostic Sciences—Oral and Maxillofacial Radiology

Invocation and Moment of Remembrance

Lynn Cooper, Catholic Chaplain

Remarks Nadeem Karimbux, D.M.D., M.M.Sc., Dean

Romina Agharokh Aznavaleh, President of the Class of D2022

Nikolin Ropi, President of the Class of DI2022

Recognition of Faculty Emeritus Presented by: Nadeem Karimbux, D.M.D., M.M.Sc., Dean

Recipient:

Bjorn Steffensen, D.D.S., M.S., Ph.D., Professor Emeritus, Department

of Periodontology

Teaching Awards

The Provost's Award for Outstanding Teaching and Service

Positions, Pohort Amato, D.M.D. Professor, Dangstment of Endadonties

Recipient: Robert Amato, D.M.D., Professor, Department of Endodontics

THE DEAN'S AWARD FOR EXCELLENCE IN CLINICAL TEACHING Recipient: Ronald Davitt, D.D.S., Assistant Professor, Department

of Comprehensive Care

THE DEAN'S AWARD FOR EXCELLENCE IN PRECLINICAL TEACHING Recipient: Thaisa Barizan Bordin, D.D.S., M.Sc., Assistant Professor,

Department of Prosthodontics

THE DEAN'S AWARD FOR EXCELLENCE IN BASIC SCIENCE TEACHING Recipient: Nadine Tassabehji, Ph.D., R.D.N., Assistant Professor,

Department of Comprehensive Care

Presentation of Master Nadeem Karimbux, D.M.D., M.M.Sc., Dean

Naciye Guzin Uzel, D.M.D., D.M.Sc., Assistant Professor, Department of

Periodontology, Director of Research Education

Master of Science HoodingAruna Ramesh, B.D.S., M.S., D.M.D., Associate Dean of Academic Affairs and

Professor of Diagnostic Sciences—Oral and Maxillofacial Radiology

of Science Degrees

Order of Events

Recognition of Honors and Awards

Aruna Ramesh, B.D.S., M.S., D.M.D., Associate Dean of Academic Affairs and Professor of Diagnostic Sciences—Oral and Maxillofacial Radiology Mary Talmo, D.M.D., President of the Tufts University School of Dental Medicine Alumni Association, Practice Coordinator and Assistant Professor, Department of Comprehensive Care

ACADEMIC EXCELLENCE AWARD In Honor of Robert Chapman, A63, D67, DG74

Presentation of Diplomas

Nadeem Karimbux, D.M.D., M.M.Sc., Dean Robert H. Kasberg Jr., Ph.D., Associate Dean for Admissions and Student Affairs Janis Moriarty, D.M.D., University Trustee and Dental Board of Advisors Ancy Verdier, D.M.D., University Trustee and Dental Board of Advisors

Doctor of Dental Medicine Hooding

Thaisa Barizan Bordin, D.D.S., M.Sc., Assistant Professor, Department of Prosthodontics

Ronald Davitt, D.D.S., Assistant Professor, Department of Comprehensive Care Alan Epstein, D.M.D., Lead Practice Coordinator and Assistant Professor, Department of Comprehensive Care

Gustavo Ernesto Mahn Arteaga, D.D.S., M.S., Assistant Professor, Department of Prosthodontics

Alex Miele, D.M.D., Lead Practice Coordinator and Assistant Professor, *Department of Comprehensive Care*

David Paul, D.M.D., Lead Practice Coordinator and Associate Professor, Department of Comprehensive Care

Ronald D. Perry, D.M.D., M.S., Director of International Student Program and Professor, Department of Comprehensive Care

James Theodore, D.M.D., Assistant Professor, Department of Comprehensive Care

Oath for the Dental Graduate

Ruby Ghaffari, D.M.D., Interim Associate Dean of Clinical Affairs, Assistant Professor, Department of Comprehensive Care

NOTE TO SPECTATORS:

Arrangements have been made for professional photographers to take pictures of each of the degree recipients on stage. The photographs will be available for download from the school's website at a later time. We ask that family members and friends of the degree recipients refrain from approaching the stage to take photographs during the Commencement ceremony.

Candidates for Degrees

Doctor of Dental Medicine	Daniel A. Boateng Thaisa Barizan Bordin	Nada Atef Ahmed Elsharabassy	Aleksandra Ola Victoria Jakobsze
Jeffrey Y. Abettan	Kelly Gwen Bosselman	Maria Alicia Eng	Benas Jakubauskas
Joshua K. Abraham	Miroslava Plamenova	Matthew A. Evers	Daniel Dale Joseph
Jose Adrian Abreu Perez	Bounardjieva	Mouada A. Fadul	Jameson
Aurash D. Abrishamchi	Rachel George Boutros	Anisa Fanaeian	Keith Earl January, Jr.
Fadi Youssef Addoum	Miranda Leigh Boynton	Dylan Richard Feigenbaum	Shahin Javidi
Hajirah Ali Afridi	Thomas Hunter Brantley	Blythe Ferguson	Takiya Jefferson
Jocelyne Aguilar Justiniano	Renato U. Bravo	Ozair Mohammed	Justice Brianna Johnson
Soo In Ahn	Lourdes C. Brizard	Ferozuddin	Benjamin Slader Jordan
Laimarie Giselle Alas	Brandon Dean Buchholtz	Jenna Fongemie	Michael Eugene Jordan
Dorsey	Molly A. Burnett	Ayelet Futran	Kathryn Ann Jorgensen
Madi Ali Alassadi	Neal Michael Cadra	Ashley Gagnon	Terisa Jose
Hayder Nafil Mohsin	Samantha Lauren Capizzo	Arman Ghafarian	Aya Ayman Kamoona
Al Janabi	Jamie Lisa Chan	Adel Ghanem	Hussein Kamoona
May Jawad Khazaal Al Jassani	Duncan Alexander Chapple	Devin Schloman Gillis	Ankita Kesar
Danielle Anis Amini-Luther	Gabriela Chiaramida	Shivum Gohil	Noura Ahmed Khushafa
An An	Sophia Chou	Monique C. Gordon	Sandra Khuu
Emarsharae L. Anderson	Jacksyn Leigh Clanton	Stephen James Greenberg	Alexa Diane Kilichowski
Yulia Annenkova	Robert Anthony Conca	Adam Grobart	Kevin Kim
Yosr Adel Elsayed Ali Arafy	Felicia Rose Craffey	Shikha Gupta	Yeachan Kim
Warigajeshta Yohan	Kristopher V. Crawford	Mehrnaz Habibian	Aristides Koutsoubis
Arambepola	Aaron Crittendon	Narine Hambardzumyan	Carla Kruyff Arciniega
Sandeep Arora	James Cruz	Amira Hamed	Priyanka Kumar
Wael Att	Jason S. Cummins	Bishoy Hanna	Darien Lam
Sherif Ahmed Mohamed	Sterling Dao	Georgios Pavlos	Liz Lien Lamas
Nour Attia	Nicholas John Deluke	Hatzipetrou	John Le
Revana Emad Awadallah	Kathy Thi Ngoc Dinh	Kyle A. Hayes	Megann Maureen Lear
Romina Agharokh Aznavaleh	Khosrow Dinyaryan	Carlos Hernandez	Nicole Lee Bundy LeClair
Mehak Baig	Malika Djabbarkhodjaeva	Charles Christopher Hines	Djenane Nedger Lemaire
Elizabeth Ann Banister	Rah-Taja Munique Doggett	Benton Hoang	Connor Theodore Lemieux
Maxwell Jared Baran	Claire Margret Droumbakis	Diana Hoang	Samuel Miles Lemieux
Hannan Sayada Basher	Jennifer M. Duffy	Erin Elizabeth Howard	Michael Levi
Anika Batta	Courtney Nicole Eato	Rachel Elizabeth Hudspeth	Diego Alfonso Lopez
Yadelie Beauvil	Adam I. Elayan	Aysel Iranparvar	Jacob Killeen Mack
Kelsey A. Bjornson	Hiba A. Elnour	Nawar Issac	Mariam Malament
neiscy as bjoinson	Omer Elravah	Austin Joly Jacob	
	vinci bilavali		

Omer Elrayah

Candidates for Degrees

Gopi Patel

Palak Patel

Prateek Patel

Virginia Perello

Naude Pierre

Kristiana L. Person

Dora P. Piedra-Gutierrez

Parin Jayesh Patel

Rikesh Rajendra Patel

Mehtab Manji **Andres Ignacio Pinto-Pro** Michael Vincent Mariano Iordan Ian Plotkin Mitra Marvasti-Sitterly Aziz Pradhan Trevor T. Mason Elina Prakash **Ereny Micheal** Sneha Prem Jessica Rose Milliken **Rose Dina Premier** Samuel Mims Morrison Deena Raef Jessica S. Nar Shivani K. Rajkumar Larry H. Ngo Karan Singh Randhawa Angeline Douyen Nguyen Maria Shaune Regalado **Brock Aldon Riedel** Khoa Tien Nguyen Tom Hieu Nguyen Veronica Rojas **Trang Nguyen** Nikolin Ropi Alejandro Nieves Montalvo **Andeep Sangha** Hailey YeonJi Noh Nikita Santhanakrishnan Valeria Kwamboka Ogero Jigar Saraiya Sofia Youssef Sayaf Alia Hope Osseiran **Heddinah Otete** Spencer Schiappa Camila Pachon Posada Nathan George Schneider **Ross Taylor Palesano** Brandi Leah Schoenthaler Dhiraj Jawahar Panjwani **Tarlan Sedaghat** Bhavya Paranthaman Sarina Shafiyan-Rad Akshara Patel Nehal M. Shah **Bhumi Mahesh Patel** Pooja Ashwin Shah Sejal Siddharth Shah Chintankumar Manojkumar Patel Shalin N. Shah **Darshan Mayur Patel**

Yash J. Sharma

Janki Shingala

Iared Ellis Shatkin

Haley Jane Sicard

Kathryn Elizabeth Sierra

Renzo Silva Santisteban

Adrienne Anson Smith

Russell William Smith

Drew Taylor Smith

John Sobhani

Wesley Kyuhan Son Mahdi Taha Mark Nicholas Tanchanco **Anshelle Reen Tucker Speros George Varinos** Carolina Velez **Jesus Vivar Mallory Katherine Vukovic** Yelena B. Vynar Kylie Walker **Nikesha Nicole Walters** Yanqiu Weng **Rodrick Donte Wiggins Kendall Marie Wilkes Christopher Gijy Williams** Ashley B. Wilmot **Corey Joseph Winship Cody Philip Woods** Madeline J. Worden Maggie Wu Garima Rajesh Yadav **Danish Younus** Luana Chow Yu Vincent John Yu Ronak Zebarjedi

Candidates for Degrees

Master of Science

Dr. Shahad Abulhamael

Thesis: Evaluation of Marginal and Internal Adaption of Veneers Generated by the Guided Prosthetics preparation Advisor: Dr. Ala Ali

Dr. Nasreen Akbar

Thesis: The Effect of Milling and Sintering Methods on the Translucency of Polychromatic Zirconia Ceramics Advisor: Dr. Ali Muftu

Dr. Revouf Alailan

Thesis: The Relation between Matrix Metalloproteinase Activity in Different positions of Dentin in Primary Teeth and its Relation to Root Resorption

Advisor: Dr. Cheen Loo

Dr. Abdullah Alghfeli

Thesis: In vitro study of the Dimensional stability of full-arch implant 3D printed model over time

Advisor: Dr. Kiho Kang

Dr. Ziad Alharbey

Thesis: Retrospective Evaluation of Implant Failure Predictors at Tufts University School of Dental Medicine

Advisor: Dr. Natalie Jeong

Dr. Samaher Alotaibi

Thesis: Effectiveness of XP-Endo Finisher and Irrigants Solutions in Decreasing the Bacterial Load of Intracanal E. faecalis Growth

Advisor: Dr. Robert Amato

Dr. Jackie Chiang

Thesis: Influence of Crown and Abutment Material on the Color of All-ceramic Screw-retained Implant Fixed Prosthesis Advisor: Dr. Kiho Kang

Dr. Tahir Hamza

Thesis: The use of Touch Surgery to Facilitate Knowledge Retention for Dental Students: A Randomized Controlled Trial Advisor: Dr. Irina Dragan

Dr. Shaden Kaval

Thesis: Retention of Zirconia Crowns Compared to SSCs: In Vitro Advisor: Dr. Cheen Loo

Dr. Kang Hoon Ko

Thesis: Accuracy of Guided Implant Surgery Using Tooth-Supported Surgical Guide for Immediate Versus Late Implant Placement: A Retrospective Clinical Study

Advisor: Dr. André B. de Souza

Dr. Elena Sicilia Blanco

Thesis: The Effect of the Scan body Supra-Mucosal Height and Implant Angulation on the Accuracy of Digital Implant Scans in a Partially Edentulous Model: An In Vitro Study

Advisor: Dr. Wael Att

Dr. Tingyun Tsai

Thesis: Effect of implant-abutment emergency profile configuration on peri-implant bone remodeling:

A radiographic study

Advisor: Dr. André B. de Souza

Postgraduate Certificate of Achievement Candidates

Advanced Education in Esthetics and **Operative Dentistry**

Dr. Shahad Abulhamael

Dr. Nasreen Akbar

Advanced Education in **General Dentistry**

Dr. Ricardo Addante

Dr. Rebecca Fine

Dr. Zaneta Hwang

Dr. Payal Kumar

Dr. Michael McCabe

Dr. Alyssa Neelley

Dr. Erika Rivera

Dr. Nicole Trone

Dr. Haley Walinski

Endodontics

Dr. Lauren Andler

Dr. Andrew Choi

Dr. Mara Nobel

Dr. Anita Patel

Dr. Devon Ptak

Dr. Shraya Sharma

Dr. Anika Solanki

General Practice Residency

Dr. Kelsey Gwin

Dr. Zachary Punt

Dr. Juan Diego Ramirez De Arellano

Dr. Emily Su

Implant Dentistry

Dr. Zainab Ajeeb

Dr. Sultan Albeshri

Dr. Majed Almadani

Dr. Naif Ganadely

Oral and Maxillofacial **Surgery Internship**

Dr. Panagiotis Manetas

Oral and Maxillofacial Surgery Residency

Dr. Rohit Sahdev

Dr. Lauren Trager

Orofacial Pain Residency

Dr. Shuruq Alturki

Dr. Aleksandra Komogortseva

Orthodontics

Dr. Richard Boyd

Dr. Angelica Chaghouri

Dr. Adi Davidyan

Dr. Travis Edwards

Dr. Courtney Lavigne

Dr. Zachary L. Neitzey

Dr. Elizabeth Stapelton

Dr. Ourania Vitsas

Pediatric Dentistry

Dr. Reem Alajlan

Dr. Alhanouf AlHussaini

Dr. Sarah Alsaggabi

Dr. Arifa Bakerywala

Dr. Natalie Deleanu

Dr. Ava Ghassemi

Dr. Adam Lowenstein

Dr. Adrienne Nguyen

Dr. Amanda Tran

Periodontology

Dr. Christina Brown Dr. Nai-Wen Chang

Dr. Sean Hwang

Dr. Erica Kleinbaum

Dr. Ricardo Lazaro

Dr. Richard Lee

Dr. Ningyuan Sun

Prosthodontics

Dr. Naif Alhumaid

Dr. Tamara Al-Rayess

Dr. Bashayer Altaefi

Dr. Mica Baevsky

Dr. Dongjoo Lee

An Oath for the Dental Graduate

I solemnly pledge to devote my efforts to the care of my patients.

As a member of society, with special obligations, I will treat all patients without prejudice, incorporating the knowledge and skills instilled in me by my teachers.

I will practice dentistry in an ethical and professional manner.

I will hold in confidence all matters related to them.

I will not hesitate to call upon my colleagues when their knowledge and skills are needed.

I will make every effort to maintain, contribute to, and enhance the quality of the dental profession.

I will constantly keep in mind that the practice of dentistry is a true mingling of science, technology, and caring.

Commencement 2022

The Fletcher School of Law and Diplomacy

Order of Events

Processional

Greetings and Remarks Rachel Kyte CMG, Fo2, Dean

Special Presentation Administrator of the Year Award

Recipient: Sara Rosales, Assistant Director, Center for International

Environment & Resource Policy

Presentation of the Presented by: Megumi Murakami, Class of 2022

James L. Paddock Teaching Award Recipient: Abigail Linnington, Fo4, F13, Professor of Practice in the

International Security Studies Program

Faculty Address Abigail Linnington, Fo4, F13, Professor of Practice in the

International Security Studies Program

Class Address Kyrre Berland, Class of 2022

Class Address Amanda Borquaye, Class of 2022

Presentation of Diplomas Rachel Kyte CMG, Fo2, Dean

Master of Arts (M.A.)

Master of Arts in Humanitarian Assistance (M.A.H.A.) Master of Arts in Law and Diplomacy (M.A.L.D.) Master of Arts in Transatlantic Affairs (M.A.T.A.) Master of Global Business Administration (G.B.A.)

Master of International Business (M.I.B.) Master of Laws in International Law (LL.M.)

Master of Science in Cybersecurity and Public Policy (C.S.P.P.)

Presentation of Doctor of Rachel Kyte CMG, Fo2, Dean

Kelly Sims Gallagher, Foo, Fo3, Academic Dean, Professor of Energy **Philosophy Diplomas**

and Environmental Policy

Doctor of Philosophy in Economics and Public Policy Doctor of Philosophy in International Relations

Rachel Kyte CMG, Fo2, Dean **Closing Remarks**

Recessional

Music by Gainsborough Brass Ensemble

Reception on Fletcher Field will follow the ceremony.

Candidates for Degrees

Master of Arts
Mohamed Ibrahim Abdullahi**
Iftikhar Ahmad*
Kristina L. Alabado**
Carmen Guadalupe Arias Otarola*
Brendan Michael Bell
Anna Berkovich
Allan M. Blair**
James Michael Boatfield
Carmen Michelle Bronson*
Ioannis Charlas
Samrat J. Dhar
Natasha D. Dolby
Anabel Dolenc Bueno*
Naveen Vaidhya Elangho
Sydney Dodd Farrar II
Stephen Thomas Fotopulos
Dimitrios Georgiou
Raffaele Giarnella
Durwood Bradley Gooden*
Zuhra Halimova**
Julian Elan E. Hamud*
Manabu Hiratsuka
Florence Wangechi Muchori Hull
Stephen James Hunnewell
Sughra Imam
Hezron Mugo Karanja*
Yong Sin Kong*
Aiyarat Kosakul
Frank Nils Kotsen
Tatiana V. Kozharova- Brotherton**
David Bronislaw

Krupinski*

Stella Mercurio*

Rosemary Adelaide Lark**

Justin Deon Mitchell*
Nicholas Montelione
Carmen Lucia Morales
Fuad Muradov*
Kana Murai
Vani Nadarajah*
Jim Kyong H. Nam
Toru Natsuki
Aaron Nelsen
Andjarsari Paramaditha*
Alicia Perez-Porro*
Monika Psenner*
Michael K. Putterill
Mandeep S. Rai
Naim Rashiti*
Tamkeen Rasool
Juan Pablo Salazar*
Julie Salloum**
Bidya Sapam
Stephen O. Seda
Gal Shargil*
Gaurav Sharma
Lindsay Jean Smith
Nikolaos Stratikis
Richa Tewari*
Sendhil Thyagarajan*
Md Hasan Abdullah Towhid
Aikaterini Tzima
Misty D. Wyatt
Natalia Yakimchuk*
Master of Arts in Humanitarian Assistance
Haddush Gidey Gebremedhin**
Ahmed Hajir Khalif*

Lauren Ann LaRochelle

Beth Ellen McFadyen
Abdifatah Ahmed Mohamud*
Master of Arts in Law and Diplomacy
Almarie Acosta Cepeda^
Karl A. Afrikian
Ernesto Aguilar
Jeongbin Ahn
Mina Alemzadeh**
Elizabeth M. Alexion
Clarisse Marcella Alpaert
Gregory Phillip Altman
Paul Raymond Anderson
Salen M. Andrews
Princess Anene-Maidoh
Jessica Marie Arnold
Frederic L. Atwood III
Luke Barnes
Sydney B. Beada
Samir M. Belkacem**
Kyrre Berland
Susanna R. Berman*
Danielle Marie Bertaux
Dominic M. Bertram*
Alexander Betley*
Taylor N. Black
Conor Trung Boba**
Samantha J. Bonelli
Sameer C. Boray*
Amanda Oklomo Borquaye
Christopher Brew
Delia C. Burns
John D. Burrough**
Samuel H. Carletta
Saanchita Chandrakumar
Kaustubh Chaturvedi**

Katherine E. Cheatham*
Daniel H. Choi
Gabriela J. Cipolla
Sophie Claus
Sophie A. Clingan-Darack*
Anna M. Cloud
Mitchell S. Collins
Kathryn Ann Constantinides^
Lance A. Cooper
Sean C. Cordey**
Caroline Matilda Costa
Clarice T. Coutinho
William Crass
Jordan N. Culpepper
John Patrick Cushing
Allison Elizabeth Dalton
Layan Damanhouri**
Marie T. David*
Robert Ralph Davis**
Brigid Ray Deegan
Sisse H. Delff^
Amelia Devine
Madeline M. Diorio
Abbey J. Doyno
Elizabeth Dykstra McCarthy**
Amaia T. Elorza Arregi*
Erin G. Engstran*
Lark S. Escobar^
Laura K. Euller*
Jacob M. Ewing
Theodore Ezike
Khulood Abdelraouf Mohamed Fahim
Cameron T. Fels
Layla Adisa Ferguson**
Amanda M. Filardo

Candidates for Degrees

Majed Fitaihi	Tracy L. Jenkins*	Samira Manzur*	Hiram C. Reynolds*
David Amer Folsom Jr.	Victoria J. Johnson**	Miina Matsuyama	Gabrielle Yiu-Ro Robertson
Megan A. Frankenberger	Liana Rose Kabins	Katy J. Mayerson	Garrett S. Robinson*
Laurent X. Frapaise**	Karuna Kalra	Magdalene Elizabeth	Eunhye Roh
Roderick D. Gagnon	Connor Arleen Kasch	McGlynn	Juliana Caroline Rordorf
Mathieu Garavaglia	Rayyan H. Kattan	Julia R. McKay	Pamela G. Rosen*
Margaux T. Garcia	Dillon Martin Sunyung Kim	Krittika Mehra**	David S. Rubin
Christine B. Gargan*	Mina Kim	Rebecca Melvin**	Malyar Sadeq Azad
Jennifer Ilene Gargano	Kanako Kimura*	Archish Mittal	Mohit Saini**
Jeremiah Albert Gatlin	Max Brown Klaver	Narges Mohammad Mahdi**	Lyndon R. Sam
Andrew Daniel Gellerman	Maxim M. Kondratenko	Sarah R. Morehouse	Daishin Sasaki
Rachel Leah Goretsky^	Malavika Krishnan**	Gabriella Valentine	William Saturno**
Michael Anthony Greco	Michail Krommydakis	Mucerino	Valentin Johannes Maria
Eva J. Greene	Anastasia D. Kukunova	Hania Tariq Mumtaz*	Scham
Diana N. Haber	Nandini Kumar*	Megumi Murakami	Samuel James Schavoir
Mehdi Ali Haider	Katherine C. Kurata	Kiana C.H. Nedele	Audrey Camilla Schmelzer
Colin L. Halvey	Dylan Land	Nicolas Normand	Emily A. Scoble
Pragya Handa	Allison C. Larmann^	Bridget K. Norris**	Shelby Biddle Senger
Jack J. Hanley	Jack H. Lashendock	Matthew Nyanplu	Chanyang Seo*
Julie E. Harris	Nathaniel Leach*	Lila C. O'Brien-Milne*	Shereen Shah
Megan Quinn Harris	Jaekwan Lee	Masrura Mariam Oishi**	Stefan W. Shover
Adam Hassan**	William Jackson Lehrer	Michael C. Olesberg*	Jerusha P. Simmons
Dana Elizabeth Barrett	Rachael Wing-Lum Lew^	Josephine Omoyugbo**	Lee-Ann Sims
Hatic	Arthur Man Ki Lo**	Jules A. Ottino-Loffler	Benjamin Snider
Ella Rachel Hawkins	Jacob Lockledge	Shifa Panwala	Katherine Olivia Sonnefeldt
Caroline B. Hayes	Sara Anne Lodgen	Alisha S. Patel	Jacob S. Sottak
Juliana M. Heffern	Jayashri Lokarajan*	Samuel Phillips-Corwin**	Michael David Sparks
Natasha Hill	Marina D. Lorenzini**	Huiling Piao**	Kara Sparling*
Maalana K. Hislop	Alba Rocio Loureiro	Christopher D. Pumford*	Aaron McKnight Spitler
Jeremy Edward Holt	Gonzalez	Chelsea Quilling	Kavya Srivastava**
Kaleigh S. Homstad	Olivia M. Luciani	Bilal Rahmani*	Gina Standard
Xinyun Hu**	Ayda Tsige Lulseged	Alfredo Jose Ramirez^	Ella H. Stanisch
Samantha Marie Hubner	Kevin Lyman	Chloe Lyn Noel Rasic	Aaron W. Steinberg*
Victoria Huerta	Daron Kimberly Mackie^	Amal Rass	Ta-Chun Su*
Grady L. Jacobsen	Ingrid N. Magalhaes	Komal Rathod**	Weixige Sun**
Sangwoo Jang	Neil Maheshwari	Olivia M. Reader*	Isaac Y. Tan

Candidates for Degrees

Marija Tesla Alessandra Testa* **Shivi Thakur** Ero I. Theodorakopoulou Kelsey L. Thompson** Yi-Wen Tsao Kentaro Tsuchihashi Bryan Tudor** Jeffrey M. Tyner Sapna Ullal Raymond Ifesinachi Umunna Michael L. Vandergriff Harshad G. Vaswani François I. Venne* Rosemary K. Ventura Adam D. Volman Meaghan Kathleen Busby Waff **Ava Wang** Matthew J. Welchert** Nikolas C. Westfield** William B. Wiederseim Ir. **Mark Antonio Williams Kendall Wiss** Eric J. Wong Wing Kwan Wong Victoria Yu** Benjamin G. Zahler Rachel M. Zimmerman

Master of Arts in Transatlantic Affairs

Joseph A. Zorokong*

Virginia Achenza Raquel Alberto de la Fuente **Samuel Bowers** Diane A. Cosson

Luc-Etienne Fauquex Sinan Hanioglu* Walissa Ho* Christian Vlad Iudt Iana Maisuradze **Anna-Liisa Merilind** Pilar Roig Minguell Pierre-Jean Thil* Daniel Torrecilla

Master of Global Business Administration

Christine Weimann

Tanya B. Ahmady

Fernandez

Khalid B. Alsaud** Sandra Appiah* William D. Asbury** Eric Ayora Adam Basciano** Elissa E. Besta-McNish** Anna Carolina Cardenas Andrea Z. Chincuanco* Lawrence Vincent Court Iill A. David* Joseph D. Dunbar**

Evan M. Egger Ruth C. Feliz Rvan J. Greene* Nicholas Hailey** Leigh Juul*

Douglas Kaufman** Justin M. Kelly Elizabeth B. Kurdyla* Kedar Franz Kurpad** **Brent Lemberg****

Christabell D. Makokha*

Anjalee E. Martin** Brendan McGonigle* **Bronce Perez Matos*** Dieudonne N. Ramsey** Margaret E. Richardson* Daniel R. Robb* Christopher D. Rodriguez* Leeann H. Sadler* Alexandra J. Schwall** Bennett Schwartz** Katherine J. Spatz** Catherine Ternes** Allyson R. Tibbs* Evan B. Williams*

Master of International Business

Ayan Mohamed Abshir Samson Moroluwavo Adebola Jacqueline J. Balletto Dhrishti B. Dagliya** Ming Dongfang** Maria Eduarda Rezende Ferraz **Kathleen Fiorillo** Eric P. Flood Evan J. Fontana Cristina Gallotto Ivob M. Gebremariam* **Aman Ghose**

John-Mark E. Gladstone Jr. Michael Graifman Garima Gupta

Yifan Chris Hu Danielle R. Kaidanow*

Glykeria Margariti

Mary C. Menzemer**

Salix Nash Ibrahim A. Nshimirimana Chima R. Omike** **Jaime Quirante** Adolfo J. Reinoso Wabei Saboi Serena Seferian** Yinhan Shi Naman Shrivastava Vikram Singh Alfred Gjovalin Sogja

Master of Laws in **International Law**

Andrew Waddington

Eda N. Yilar

Ananmay Agarwal Alexa Aguilar Bahram Ahmadli Ana Lilia Amezcua Ferrer Loreno D'Angelo Joanna I. Fink **Emilia Gmiter** Meera Gopal Dominik K. Hofstetter

David M. Kamanzi* Lilja H. Ludviksdottir Oleksandra Poliakova Shuchi Purohit **Gauray Redhal**

Yvette Alexandra Seferian Dauguet **Baijayanti Silwal Bjarki Thorsson**

Candidates for Degrees

Master of Science in Cybersecurity and **Public Policy**

Mariam A. Amini**

Matthew Forrest Birke Fiedler

Steven J. Fugelsang*

Dylan C. Hoffmann

Naoto Shimada

Peter C. Woolverton

Doctor of Philosophy in Economics and **Public Policy**

Robel G. Alemu

Girija Bahety

Mustafa Özgür Bozçaga

Joseph Chance

Qi Qi

Michiyoshi Toya

Doctor of Philosophy in International Relations

Neha Ansari

Dissertation: "God's Wrath" to "Miracle Birds": The Evolution of the American Drone Program and Public Opinion in FATA

Robert Gregory Bell*

Dissertation: NATO Nuclear Burden-Sharing: What Constitutes "Free-Riding"?

Frances T. Burke

Dissertation: "Why We Went": A History of the Decision to Invade Iraq in 2003

Ana De Alba Gonzalez

Dissertation: Essays on the Politics and Electoral Implications of Targeting

Meg K. Guliford**^

Dissertation: Money, Power, and Respect: Explaining the Effects of External Intervention on Civilian Victimization

Zdenka Myslikova**

Dissertation: Building Energy Innovation Capacity in Latin America: Conditions for Success

Frank K. Sobchak

Dissertation: Lost in Translation? Assessing the Importance of Language Skills and Cultural Awareness in Special Forces **Advisory Efforts**

Commencement 2022

Cummings School of Veterinary Medicine Master of Science Program

Order of Events

Musical Prelude

Welcome Alastair Cribb, D.V.M., Ph.D., Dean

Introduction of Dignitaries and

Distinguished Guests

Presentation of Awards ZOETIS AWARD FOR VETERINARY RESEARCH EXCELLENCE

Recipient: Melissa Mazan, D.V.M., V93, Professor of Clinical Sciences

Nirva Kapasi Patel, Class of 2022 M.S. Class Address

Presentation of Diplomas

to M.S. Candidates

Carolyn Talmadge, M.S., G14, Data Lab Services Manager, M.S. Faculty Address

Tufts Technology Services

Closing Remarks Alastair Cribb, D.V.M., Ph.D., Dean

Cummings School of Veterinary Medicine Doctor of Veterinary Medicine Program

Order of Events

Musical Prelude

Welcome Alastair Cribb, D.V.M., Ph.D., Dean

Introduction of Dignitaries and

Distinguished Guests

University and Board of

Trustees Greetings

Caroline Attardo Genco, Ph.D., Provost and Senior Vice President ad interim

Presentation of Faculty Emeritus Certificate

Recipient: R. John Berg, D.V.M., Professor of Clinical Sciences

Presentation of Awards HENRY E. CHILDERS, D.V.M., AWARD

Recipient: Ruth Marrion, D.V.M., Ph.D., Ophthalmologist

ARTEMIS AWARD FOR CLINICAL EXCELLENCE

Recipient: Emily Tompkins Karlin, D.V.M., Vo8, Assistant Professor of Clinical Sciences

ZOETIS DISTINGUISHED VETERINARY TEACHER AWARD Recipient: John Rush, D.V.M., Professor of Clinical Sciences ZOETIS AWARD FOR VETERINARY RESEARCH EXCELLENCE

Recipient: Melissa Mazan, D.V.M., V93, Professor of Clinical Sciences

Presentation of Diplomas HOODING

to M.S. Candidates Emily McCobb, M.S., VGo2, D.V.M., Voo, Clinical Associate Professor of

Clinical Sciences

Abhineet Sheoran, B.V.Sc., Ph.D., Associate Professor of Infectious Disease and

Global Health

Christopher Whittier, D.V.M., V97, Ph.D., Research Assistant Professor of Infectious

Disease and Global Health

Presentation of Diploma HOODING

to Ph.D. Candidate Cheryl London, D.V.M., V90, Ph.D., Associate Dean for Research and

Graduate Education

MVMA Greetings Bonnie Smith, D.V.M., V93, President, Massachusetts Veterinary Medical Association

D.V.M. Class Address Lindsay Jean Smith, Class of 2022

D.V.M. Class Gift Lauren R. Gawel, Class of 2022

> Rebecca Graves Coccia, Class of 2022 Lindsay Jean Smith, Class of 2022

Presentation of Diplomas to

D.V.M. and D.V.M./Dual Dominik Faissler, D.V.M., Associate Professor of Clinical Sciences

Degree Candidates Robert McCarthy, D.V.M., V83, Clinical Associate Professor of Clinical Sciences

D.V.M. Faculty Address Gregory Wolfus, D.V.M., V98, Clinical Associate Professor of Clinical Sciences

Administration of the Bonnie Smith, D.V.M., V93, President, Massachusetts Veterinary Medical Association

Veterinarian's Oath

Closing Remarks Alastair Cribb, D.V.M., Ph.D., Dean

Cummings School of Veterinary Medicine

Candidates for Degrees

Master of Science in Animals and **Public Policy**

Tessa Ann Archibald*

Lindsey R. Beahm*

Catherine Ann Cummings*

Clara Marie Dell**

Ericca A. Gandolfo*

Kiersten Hartnagel*

Grace Hussain

Ashley R. McCann*

Erica I. Meehan**

Sara Kate Pantel**

Nirva Kapasi Patel*

Sky Sobol

Aiesha M. Sojourner*

Adrienne Elizabeth Vergith-Hill**

Kirsten Elizabeth Welborn**

Master of Science in **Conservation Medicine**

Hayley Benson**

Madison Creed Bolduc*

Tara Anne Brew*

Stephanie Briñez**

Colleen Elizabeth Cronin**

Susana Marie Gonzalez**

Hannah Rose Hertzel*

Melanie A. Izard*

Benjamin LaFond*

Alice Cheung Lau*

Frank Charles Marrone Jr.*

Juliette Estelle Nye*

Bahar Pahlevani*

John L. Prettyman IV*

Emma Margaret Rosso*

Stephen Shikaze*

Mary Buford Turnage*

Mai Verily Walters*

Xuelu Wang*

Master of Science in Infectious Disease and **Global Health**

Joycelynn Boakyewaa

Acheampong*

Iuliana S. Barrett*

Emma Buck*

Hannah Buss*

Morgan Victoria Candon*

Maggie-Elizabeth Hathaway*

Hunter Kenyon Kellogg*

Sarah Jane Miller*

Shaila Amul Patel**

Doctor of Philosophy

David Benjamin Pirovich

Dissertation: Schistosoma mansoni Surface-Associated Glycolytic Enzymes

Advisor: Patrick Skelly, Ph.D.

Doctor of Veterinary Medicine

Krysten M. Aleksa

Kate Thomas Anagnostos

Charlotte Pierce Barkley

Katherine Marie Bauer

Sidney Jean Beecy+

Nathan Robert Biedak

Monica Branca

Sarah Callahan

Martha Grace Carter+

Jessica R. Chmiel

Cameron Robert Davis

Amanda Marie Deane

Treasa Caitlin Deegan+++

Lucy A. Devlin+^

Lisa Anne Dixon^

Laura Elise Dobens

Alexandra Skye Fielding+^

Taylor Fish

Amanda Jayne Focht

Iessica Forest

Julia Fosburg

Emma Fournier

Sarah Marie Frommer+^

Lauren R. Gawel^

Sarah Ruth Gillis-Smith+

Rebecca Graves Coccia+

Elina Grunkina

Megan Emily Gutwillig

Jessie Lyon Haestad

Rachel Hanford++

Meaghan Claire Hanlon+^

Ariel Heiman++

Amelia Ho

Samantha Marcia Hovasse

Kimberly Ying-Hsuan Hsu

Eden Hurlburt+^

Blaine Hymel

Kyla Marie Jackson

Courtney Kamyk

Veronica Kim

Abbey Marie Kingston

Hilary Rose Kinney

Kimberley Kirchner

Hayley Nicole Klosowski+

Emily Laura Koemeter-

Cox^

Yui Kurakake+

Kendall Oldham Leet-

Otley+++^

Meriel Catherine LeSueur+

Connie Li Mule

Stephanie Maciorowski

Ananya Mahalingam-

Dhingra++

Ava Antonia Mastrostefano

Iessica Erin McAleer

Noam Mendelson+

Jasmine Nisha Parikh

Mengers

Hailey A. Miller

Siena Li Mitman+ ++

Yoonjin Moon

Katherine Maria Mosley++

Alena M. Naimark

Carly Rae Nangle^

Iillian Nolan+

Natalie B. O'Brien

Samantha Shannon

O'Gorman

Christina Parrella

Leah M. Paterno-Olivari

Peri Pelletier

Alene Glenn Pohly+

Megan Praznovsky+

Iulie Anna Richer+

Michael Roemmelt

Saige Rosenberg Margolin

Ashley Sanchez+

Claire Ellen Schmidt

Jennifer Caryn Schuler

Allison Nathalie Schwarz

Vanessa Teresa Silvia+ Katherine Mary Simonelli

Lindsay Jean Smith++^

Alexander L. Snow+

Amelia Marie Sorlie

Cummings School of Veterinary Medicine

Candidates for Degrees/Candidates for Certificates

Briana Stockdale+

Jonathon J. Stone^

Cassidy Ann Stranzl

Katherine Maris Sullivan

Michaela M. Sumnicht

Gianna Tempera

Sophia Upton

Lindsey C. Wagner

Sara Elizabeth Waldeck

Rita Yii Wang

Heather Michele

Weinberger

Leslie Ruth Wenning

Naomi Won

Melissa H. Wyzan

Elizabeth Zipf

Emily S. Zubieta

Doctor of Veterinary Medicine and Master of Arts in International Relations

Lindsay Jean Smith

Doctor of Veterinary Medicine and Master of Science in Laboratory Animal Medicine

Sarah Ruth Gillis-Smith

Yoonjin Moon

Leslie Ruth Wenning

Elizabeth Zipf

Doctor of Veterinary Medicine and Master of Public Health

Katherine Maria Mosley

Claire Ellen Schmidt

Candidates for Certificates

International Veterinary Medicine Postgraduate Certificates

Sarah Callahan

Lauren R. Gawel

Rachel Hanford

Ariel Heiman

Hilary Rose Kinney

Ananya Mahalingam-

Dhingra

Ava Antonia Mastrostefano

Siena Li Mitman

Alene Glenn Pohly

Ashley Sanchez

Lindsay Jean Smith

Veterinarian's Oath

Being admitted to the profession of veterinary medicine, I solemnly swear to use my scientific knowledge and skills for the benefit of society through the protection of animal health and welfare, the prevention and relief of animal suffering, the conservation of animal resources, the promotion of public health, and the advancement of medical knowledge.

I will practice my profession conscientiously, with dignity, and in keeping with the principles of veterinary medical ethics.

I accept as a lifelong obligation the continual improvement of my professional knowledge and competence.

Commencement 2022

The Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Friedman School of Nutrition Science and Policy

Order of Events

Processional

Master of Ceremony Edward Saltzman, M.D., Academic Dean

Charge to the Graduates Dariush Mozaffarian, M.D., Dr.PH., Dean

Class Address Amber Marie Masoni

Commencement Address Ambassador Ertharin Cousin, J.D.

Presentation of Diplomas Edward Saltzman, M.D., Academic Dean

Matthew Hast, M.A., Assistant Dean of Student Affairs

Presentation of Student and Faculty Awards Edward Saltzman, M.D., Academic Dean

Dariush Mozaffarian, M.D., Dr.PH., Dean

STANLEY N. GERSHOFF, SIMON J. AND ARPI A. SIMONIAN PRIZE FOR RESEARCH EXCELLENCE IN NUTRITION SCIENCE AND POLICY MARIANNE LOUISE MOCK DALLAS MEMORIAL FUND AWARD

JEANNE GOLDBERG STUDENT PRIZE

JOAN M. BERGSTROM STUDENT AWARD FOR EXCELLENCE IN

GLOBAL NUTRITION

REBECCA ROUBENOFF AWARD FOR EXCELLENCE IN CLINICAL NUTRITION

AND DIETETICS

FRIEDMAN SCHOOL OUTSTANDING FACULTY MEMBER OF THE YEAR AWARD

FRIEDMAN SCHOOL INCLUSIVE EXCELLENCE AWARD Mozaffarian Family Award for Public Impact

Presentation of Diplomas and Hooding of **Candidates for the Doctor of Philosophy**

Edward Saltzman, M.D., Academic Dean

Matthew Hast, M.A., Assistant Dean of Student Affairs

Doctoral Faculty Advisors

Closing Edward Saltzman, M.D., Academic Dean

A reception will follow the ceremony in the Remis Sculpture Court.

Friedman School of Nutrition Science and Policy

Candidates for Degrees

Master of Arts in	Master of Science	Adam Trevor Lazarus**	Weiyi Tian
Humanitarian Assistance	Karnie M. Babikian	Hyomin Lee	Sara Anne Roelke van Nes
Haddush Gidey Gebremedhin**	Kyra E. Battaglia	Shiwei Liang	Hebeini Wang
Ahmed Hajir Khalif*	Ric Bayly**	Minying Liu	Sarah Ann White*
Lauren Ann LaRochelle	Jenna Bernard**	Rozana Khalid Magadmi	Sally Elizabeth Williams
Beth Ellen McFadyen	Anna Leigh Bibliowicz	Elizabeth Marsh*	Yu Xia
Abdifatah Ahmed	Jessika Brenin*^	Amber Marie Masoni	Zixuan Yang
Mohamud*	Wenyun Chen**	Abby Torresen McCloskey**	Emily N. Yeo
Master of Nutrition	Yutong Chen**	Diego Meritus	Wen Zhang
Science and Policy	Clara Yongsu Cho	Allison Iyla Meyer	
Carley R. Bowering*	Kristen Ciarlo**	Charlotte Beirne Mondale	
Andrea Lynn Cooper*	Isabella Francesca Citone	Ian Gregory Moore*	
Maria Montserrat	Elizabeth Ann Cooper	Ricardo Jesus Moreno^	
Creuheras González*	Ashley A. Desrosiers**	Henry Nelson	
Rebecca E. Dieschbourg*	Sadie Ruth Dix	Christopher Newton	
Miya Vasiliki Hourani*	Adrienne Ruth Dunlap**	Xuechen Pei	
Susan Graham Lesch*	Zhongqi Fan	Yvette Crystal Penner*	
James C. McCann**	Hamsa Ganapathi^	Leah Banner Poole	
Meghan Novoshielski*	Susan C. Gilbert**	Joseph Raho Jr.	
Megan Elizabeth Schmitt**	Isabel Indira Glenn	Gabriella A. Rao^	
Natsuko Seki*	Lorna Claire Tokos Harp	Domenique Riedel**	
Asia Tome Sheehab	Abigail F. Harrison**	Natalie Jeanne Riffel**	
Hannah R. Weisman	Jing Huang	Juliana Sa Figueiredo**	
Amy (Minya) Yang**	Christine Ji	Rana Samad**	
Master of Science/	Xu Jiang	Rajratna Anandrao	
Combined Dietetic	Nicolás José Jiménez	Sardar**	
Internship	Parot**	Katherine June Schroeder	
Mackenzie Leah Brown	David Kang*	Jared Brand Seigal*	
Margaret Mae Carlyle	Fayia Hassan Kendor**	Cordelia Sheetoh**	
Michael Duffy	Rachel Elisabeth Kinney	Lydia Rose Silber**	
Reem M.Bassam Hawary	Olivia Tuna-beyhan Konuk	Morgan P. Springer	
Christina Marie Mesbah	Jie Lan	Andrea Clare Strauss	
Linna Shi	Emma Rose Laprise	Rachel Alfreda	

Kwiatkowski Tauber

Dandan Zheng

Brianna N. Lauren

Friedman School of Nutrition Science and Policy

Candidates for Degrees

Doctor of Philosophy

Winnie Fay Lumpkin Bell*

Dissertation: Food Preferences and Values, Dietary Transition. and Food System Transformation in Viet Nam and Worldwide Advisor: Dr. William A. Masters

Erin Michele Boyd*

Dissertation: Individual, Environmental, and Programmatic Determinants of Effective Severe Wasting Treatment Among Children 6-59 Months Old in Afghanistan and Mali

Advisor: Dr. Patrick Webb

Danielle S. Cahoon

Dissertation: Effects and Mechanistic Targets of Blueberry Administered Before and/or After Stressors on Neuroinflammation, Oxidative Stress, and Cognitive Deficits Advisor: Dr. Dayong Wu

Michael Scott Daniels

Dissertation: The Role of Beta-Cryptoxanthin and Carotenoid Cleavage Enzymes in High Refined Carbohydrate Diet-Induced Nonalcoholic Fatty Liver Disease and Hepatocellular Carcinoma

Advisor: Dr. Xiang-Dong Wang

Gabriela Fretes Centurión

Dissertation: The Role of the Chilean Urban School Food Environment in Children's and Adolescents' Food Choices

and Dietary Intake Advisor: Dr. Sean B. Cash

Sara Anne John*

Dissertation: Improving the Healthfulness of the Supplemental Nutrition Assistance Program: The Impact of Fruit and Vegetable Incentives on Retailers and Customers Across Diverse

Retail Environments Advisor: Dr. Parke Wilde

Leslie Cameron Sanchez

Dissertation: The Economics of Recognizing and Restoring

Indigenous Property Rights to Water

Advisor: Dr. Timothy Griffin

Rachel Erin Silver

Dissertation: Healthy Dietary Patterns, Mental Health, and

Cognitive Function During Weight Loss

Advisor: Dr. Susan B. Roberts

Kelsey Michelle Smith

Dissertation: Effects of Gut Microbiota Manipulation in Aged Mice

Advisor: Dr. Sheldon Rowan

Alexandra L. Stern

Dissertation: Sustainability in the National School Lunch Program: Balancing Environmental Impacts, Nutritional Quality,

Economic Costs, and Student Acceptance to Improve School Lunch Advisor: Dr. Timothy Griffin

Commencement 2022

Jonathan M. Tisch College of Civic Life

Presidential Awards/Honos Civicus Inductees

The only university-wide college of its kind, the Jonathan M. Tisch College of Civic Life studies and promotes the civic and political engagement of young people at Tufts University, in our democracy, and around the world.

Tisch College supports an undergraduate major in Civic Studies and offers innovative courses, programs, and partnerships, including the Tisch Scholars Program, the Tufts First-Year Global Programs, and the Tisch Summer Fellows Program. Tisch College houses several non-partisan, independent research organizations, including: the Center for Information & Research on Civic Learning and Engagement (CIRCLE), the Institute for Democracy & Higher Education (IDHE), the Metric Geometry and Gerrymandering Group (MGGG), the Center for State Policy Analysis (cSPA), the Generous Listening and Dialogue Center (GLADC), and the Tisch College Community Research Center (TCRC).

Each year, Tisch College honors and publicly recognizes graduating students across the university who have excelled in civic engagement with the Presidential Award for Civic Life and induction into the Honos Civicus Society.

School Leadership Dayna L. Cunningham, Dean

Peter Levine, Associate Dean

Shirley Mark, Assistant Dean for Diversity and Inclusion

Taina S. McField, Associate Dean

Diane M. Ryan, Associate Dean

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Presidential Awards/Honos Civicus Inductees

Since 1999, Tufts University has presented the Presidential Award for Civic Life to recognize graduate and undergraduate students for outstanding achievement in civic leadership.

2022 Recipients of the Presidential Award for Civic Life

School of Arts and Sciences

Amber L. Asumda A22 Emma Na-yun Downs A22 Jay Miguel Fonticella A22 Claudia Joely Guetta A22 Leanne Loo A22

School of Engineering

Avis Carrero EG25 Maycon Cesar De Paula Santos E22

Cummings School of Veterinary Medicine

Cora Leah Michelle Evans V23

The Fletcher School

Delia Claire Burns F22 Lark S. Escobar F22

The Gerald J. and Dorothy R. Friedman **School of Nutrition Science and Policy**

Ricardo J. Moreno N22

Graduate School of Arts and Sciences

Qimei Liu AG22 Joshua McLinden AG22

Graduate School of Biomedical Sciences

Iris D. Montes GBS25 Logan Sari Schwartz GBS23

School of Dental Medicine

Charles Christopher Hines III D22 Anshelle Reen Tucker D22

School of Medicine

Tara Ahmadi M22 Alex Coston M22

Jonathan M. Tisch College of Civic Life

Presidential Awards/Honos Civicus Inductees

The Jonathan M. Tisch College of Civic Life inducts graduating students into its Honos Civicus Society to honor and publicly recognize those who have excelled in civic engagement during their time at Tufts *University. There are 124* Honos Civicus inductees this year.

2022 Honos Civicus **Inductees**

School of Arts and Sciences

Elebetel Assefa A22 Henry A. Baer-Benson A22 Gabriella A. Cantor A22 Alejandra Carrillo A22 Audrey Carver A22 Shannon Cloherty A22 Sonam S. Delhiwala A22 Maxwell Goldfarb A22 Trevor Hall A22 Chidiebele Ikpeazu A22 Rabiya Ismail A22 Hasan Mansoor Mohammed Khan A22 Leanne Loo A22 Audrey McGlothlen A22 Carolina Olea Lezama A22 Julia Proshan A22 Sara Renkert A22 Leonardo Ruiz-Sánchez A22 Radhika Sharma A22 Yashika Thakurani A22 Katherine Wang A22 Jonathan Yu A22

School of Engineering

Matthew Zachem A22

Megan Cote EG22 Mina Giurguis EG22 Landry Kezebou EG22 René LaPointe Jameson E22 Briana Lino EG22 Sara Willner-Giwerc EG22

Cummings School of Veterinary Medicine

Lucy Devlin V22 Lisa Dixon V22 Alexandra Fielding V22 Sarah Frommer V22 Lauren Gawel V22 Meaghan Hanlon V22 Eden Hurlburt V22 Emily Koemeter-Cox V22 Kendall Leet-Otlev V22 Carly Nangle V22 Lindsay Smith V22 Ionathon Stone V22

The Fletcher School

Almarie Acosta-Cepeda F22 Kathryn Ann Constantinides F22 Lark S. Escobar F22 Rachel L. Goretsky F22 Meg K. Guliford F22 Sisse Harder Delff F22 Allison Larmann F22 Rachael Wing-Lum Lew F22 Daron Mackie F22 Alfredo Jose Ramirez F22

The Gerald J. and Dorothy R. Friedman **School of Nutrition Science and Policy**

Jessika Brenin N22 Hamsa Ganapathi N22 Ricardo J. Moreno N22 Gabriella Rao N22

Graduate School of Arts and Sciences

Cassandra Bull AG22 Flor Delgadillo AG22 Alec Drobac AG22 Andrea Duarte AG22 Atef Fayed AG22 Jennifer Herron AG22 Joshua McLinden AG22 David Ndolo AG22 Kavla Patel AG22 Quinn Phillips AG22 Katherine Shor AG22 Natalya Zaika AG22

School of Dental Medicine

Daniel Boateng D22 Jacksyn Clanton D22 Jason Cummins D22 Rah-Taja Doggett D22 Matthew Evers D22 Blythe Ferguson D22 Arman Ghafarian D22 Adel Ghanem D22 Devin Gillis D22 Charles Christopher Hines III D22 Michael Jordan D22 Priyanka Kumar D22 Alia Osseiran D22 Bhumi Patel D22 Palak Patel D22 Deena Raef D22 Brandi Schoenthaler D22 Tarlan Sedaghat D22 Janki Shingala D22 Adi Smith D22 Drew Smith D22 Russel Smith D22 Jesus Vivar D22 Rodrick Wiggins D22

School of Medicine

Tara Ahmadi M22 Lauren Alyssa Ballini M22 Sivana Leigh Barron M22 Halla Hazelrigg Bates M22 Pamela Ashlev Chan M22 Daniel Ilan Copeland M22 Alex Coston M22 David Dávila M22 Theresa O. Emeli M22 Frances See-Rae Enger M22 Shilpa Jai Ghatnekar M22 Rachel Gottlieb M22 Sarah Hemphill M22 Anusha Sri Vaishnavi Jayaram M22 Efthalia Fay Kaynor M22 Antonio Laracuente M22 Khanh Hoang Nicholas Le M22 Mathew Lucas M22 Michael A. Mastroianni M22 Nathaniel Flaschner Meyer M22 Abdimaiid Mohamed M22 Meghan Elizabeth Murphy M22 Nicholas Nasser M22 Hava Raef M22 Sherry Jacqueline Reddix M22 Allison Yorke Rhodes M22 Sophia Kamilah Salas M22 Keith Savran M22 Alexander Schin M22 Jessica A. Serventi-Gleeson M22 Suraj Sanjay Shah M22 Amanda C. Taus M22 Kathryn Marie Welp M22

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