



# Commencement Program

Class of 2023

**Mayo Clinic Alix School of Medicine**  
**Mayo Clinic Graduate School of Biomedical Sciences**



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## MAYO CLINIC COLLEGE OF MEDICINE AND SCIENCE

The Mayo Clinic College of Medicine and Science is comprised of five schools:

- Mayo Clinic Alix School of Medicine
- Mayo Clinic Graduate School of Biomedical Sciences
- Mayo Clinic School of Continuous Professional Development
- Mayo Clinic School of Graduate Medical Education
- Mayo Clinic School of Health Sciences

Academic degrees are granted by the Mayo Clinic Board of Trustees on the recommendation of the deans and the faculty of Mayo Clinic College of Medicine and Science. The faculty is drawn from the clinical and scientific staff of Mayo Clinic and is augmented by area physicians. Faculty members participating in this graduation ceremony represent a total faculty of approximately 3,700.





# Mayo Clinic Alix School of Medicine

Mayo Clinic Alix School of Medicine (MCASOM) matriculated its first class in 1972. For 50 years, a world-class faculty has educated aspiring physicians in Mayo Clinic's unsurpassed model of team-based, patient-centered care. Our faculty members work with students to develop the skills to be highly successful care providers as well as the compassionate hearts and inquisitive minds that change lives and innovate health care for generations to come.

Mayo Clinic Alix School of Medicine holds the distinction of being one national medical school with three unique campuses — the original campus in Rochester, Minnesota; a four-year campus at Mayo Clinic in Scottsdale, Arizona; and a third- and fourth-year program on Mayo Clinic's Jacksonville, Florida campus. Our novel school configuration provides our students with a depth and breadth of learning experiences unlike any other institution.

We are proud that Mayo Clinic Alix School of Medicine is a top-ranked medical school with a stellar national and international reputation. Our integrated approach to clinical and research training means our students are instilled with an unrelenting drive to find and apply medical answers where none have been found before. We are constantly innovating curriculum so our students will be well-prepared to handle the challenges of the nation's evolving health care environment.

The Class of 2023 will be part of the prestigious alumni of Mayo Clinic. Selected from 6,021 applicants, Mayo Clinic Alix School of Medicine Class of 2023 consists of 102 graduates.

## LEADERSHIP

### Dean

Fredric B. Meyer, M.D.

### Vice Deans

Michele Y. Halyard, M.D. | AZ

Gerardo Colon-Otero, M.D. | FL

### Administrator

Marcia L. Andresen Reid, M.S.

### Operations Managers

Nicole L. Billingsley, M.B.A. | AZ

Christopher C. Bleau, Ed.D. | FL

Emily P. McLaughlin, M.S. | MN

Mary E. Stevens, M.H.S. | FL

## JAY ALIX

In providing unprecedented philanthropic support, Jay Alix pledged to help Mayo Clinic “recruit the best of future generations of talented students and create an innovative curriculum that enables them to achieve dramatic advances in medical science, technology and patient care.” To recognize his vision and generosity, Mayo Clinic Alix School of Medicine is named in his honor.

As a business professional, member of the Mayo Clinic Board of Trustees and grateful patient, Mr. Alix remains inspired by Mayo’s commitment to solving the world’s most serious and complex medical challenges — one patient at a time.

A devoted advocate for Mayo Clinic, Mr. Alix works alongside Mayo leaders, driving transformational change rooted in Mayo Clinic’s vision and core values.

Mr. Alix is a noted philanthropist and founder of the turnaround consulting firm AlixPartners, the global advisory firm and industry standard for providing comprehensive solutions for companies facing complex operating, financial, legal and restructuring challenges. He has led and advised on some of the largest and most complex restructurings and turnarounds of the past four decades, including leading the creation, design and development of the highly successful restructuring and turnaround plan to bring General Motors in and out of bankruptcy in just 40 days. Having sold control of the firm in 2006, today Alix serves as one of 15 board members and a mentor to AlixPartners’ leaders.

In addition to his past consulting work and private equity investment experience, Alix has lectured widely, written many articles on turnaround management and co-authored two books on the financial issues facing companies in reorganization.

Former U.S. President Clinton appointed Alix to the National Bankruptcy Review Commission, the only businessperson and non-lawyer to serve on the nine-member commission. He served as a strategic advisor to Dennis Archer as mayor of Detroit. The Turnaround Management Association presented Alix with the



Chairman’s Award in recognition of his “pioneering leadership role” in helping to create and build the turnaround industry. The Japanese Association for Turnaround Professionals honored him as its Inaugural Foreign Member.

Alix has also focused on pro bono advisory and creative activities including producing award-winning documentary films, six-time Tony-winning Broadway musicals and plays, Grammy-nominated music and Emmy-nominated television series. He helped restructure the 40,000-student Detroit Public School System and assisted the Norman Rockwell Museum in advancing its mission nationally and internationally.

Alix completed the YPO/Advanced Management Program at the Harvard Business School. He holds an MBA in accounting from Rutgers University and a bachelor’s degree in finance from the Wharton School at the University of Pennsylvania. He began his career as a CPA with PricewaterhouseCoopers in New York.



# Mayo Clinic Graduate School of Biomedical Sciences

The mission of the Mayo Clinic Graduate School of Biomedical Sciences (MCGSBS) is to develop the next generation of leaders in biomedical science and education. First established in 1915, Mayo's graduate degrees were initially awarded in partnership with the University of Minnesota. Mayo Clinic Graduate School of Biomedical Sciences became an independent, degree-granting institution in 1983. For the past quarter century, our world-renowned faculty have worked within Mayo Clinic's unique three-shield environment of the clinic, research and education to recruit, empower and nurture future scientists (M.S. and Ph.D.) and physician scientists (M.S./M.D. and M.D./Ph.D.) to explore the world and innovate. Such exploration and innovation is critical to solving unmet health care needs. Integral to the goals of Mayo Clinic Graduate School of Biomedical Sciences is the creation of a diverse workforce that is prepared to improve health equity through discovery and innovation.

Mayo Clinic Graduate School of Biomedical Sciences has also been a vital part of the expansion of Mayo Clinic into a three-site institution — from the original site in Rochester, Minnesota to major graduate training in Jacksonville, Florida and both Scottsdale and Phoenix, Arizona. This novel configuration and nearly three-decade experience in distance graduate education has been

showcased in the challenges presented by the recent COVID pandemic, demonstrating both the global reach and substantive local impact at each campus.

This commencement articulates the critical nature of fundamental research in addressing major societal needs. Each of these graduates from the class of 2023 represents new, cutting-edge technology, innovations in health care delivery, public policy, regulatory science and new methods to make innovations more broadly available across the world through entrepreneurship, partnerships and novel ventures.

## LEADERSHIP

### Dean

Stephen C. Ekker, Ph.D.

### Administrator

Karen S. Nation, M.B.A./HCM

### Operations Manager

Rachel L. Halsrud, M.B.A.

**DAWN M. MUSSALLEM, D.O.**

Dr. Mussallem is a consultant in the Division of Hematology Oncology at Mayo Clinic and an Assistant Professor of Medicine. She is a lifestyle medicine breast specialist at The Robert and Monica Jacoby Center for Breast Health and serves as Medical Director for Mayo Clinic Florida Humanities in Medicine. She is double-board certified, including a board certification in lifestyle medicine, and has over 25 years of patient-centered clinical wellness experience. She has international recognition in the field of breast medicine, lifestyle medicine, integrative oncology and cancer survivorship. Furthermore, she has a unique personal experience as a stage IV cancer patient diagnosed just three months into medical school and then, in 2021, as a heart transplant recipient. She states that her journey as a patient has cultivated her boundless energy and deep motivation to help patients flourish during and after adversity.

In 2015, Dr. Mussallem founded the Integrative Medicine and Breast Health Program at Mayo Clinic Florida, a patient-centered program that works with breast cancer patients during and after a breast cancer diagnosis. The program provides patients with an early introduction to the importance of lifestyle optimization alongside conventional cancer treatments, leading patients to discover renewed vitality through healthier living and reframing cancer as a “teacher of life.” She is frequently invited to give keynote presentations and podcasts to international audiences, appear on radio and television shows, and author journal articles, abstracts and other written publications. Her research focus includes the impact of whole-food, plant-based nutrition and weight management on breast cancer outcomes, awareness of alcohol-related breast cancer risk and breast cancer survivorship quality of life.

In addition to her clinical and research activities, Dr. Mussallem is active in medical education, which includes serving as director of the Lifestyle Medicine Residency Curriculum for the Mayo Clinic enterprise and co-director for the International Medical Breast Training Program. She is Chief Executive Editor for



the National Consortium of Breast Centers and Breast Wellness Magazine. She serves as a physician on the Blue Zones Jacksonville Steering Committee.

In recognition of her work, Dr. Mussallem has received many awards and honors, including the 2022 Florida John G. Langdon Volunteerism in Medicine Award from the American College of Physicians, the 2020 and 2021 Marquis Who’s Who in America Top Doctor, the Mayo Clinic Patient Experience Award, and the Mayo Clinic Florida Hospital Instructor of the Year.

On February 6, 2022, she became the first person in the world to run a full marathon just one year from a heart transplant.



# Florida Class of 2023

May 13, 2023

**Kinne Auditorium  
Jacksonville, Florida**



# Florida Commencement Program

MAY 13, 2023

<b>Processional</b>	Bagpipers Platform participants Faculty representatives Graduates
<b>Welcome from the Executive Dean</b>	Fredric B. Meyer, M.D.
<b>Remarks by the CEO, Mayo Clinic in Florida</b>	Kent R. Thielen, M.D.
<b>Commencement Address</b>	Dawn M. Mussallem, D.O.
<b>Dean's Remarks &amp; Awards</b>	Gerardo Colon-Otero, M.D.
<b>Student Address</b>	James Hwang
<b>Conferring of Medical Degrees</b>	Fredric B. Meyer, M.D. Gerardo Colon-Otero, M.D. Elliot L. Dimberg, M.D. William (Chris) C. Fox, M.D. Fred Kusumoto, M.D.
<b>Concluding Remarks</b>	Fredric B. Meyer, M.D.
<b>Reading of the Physician's Pledge</b>	Fredric B. Meyer, M.D. All M.D. attendees

## Recessional

*Please join us after the recessional for a reception in the Atrium.*

# Florida Platform Participants

## **FREDRIC B. MEYER, M.D.**

Juanita Kious Waugh Executive Dean of Education,  
Mayo Clinic College of Medicine and Science  
Dean, Mayo Clinic Alix School of Medicine  
Alfred Uihlein Family Professor of Neurologic Surgery

## **GERARDO COLON-OTERO, M.D.**

Vice Dean, Mayo Clinic Alix School of Medicine  
Dean, Mayo Clinic Alix School of Medicine –  
Florida Campus  
Professor of Medicine,  
Mayo Clinic College of Medicine and Science

## **DAWN M. MUSSALLEM, D.O.**

Commencement Speaker  
Assistant Professor of Medicine,  
Mayo Clinic College of Medicine and Science

## **KENT R. THIELEN, M.D.**

CEO, Mayo Clinic in Florida  
Professor of Radiology,  
Mayo Clinic College of Medicine and Science

## **ELLIOT L. DIMBERG, M.D.**

Associate Dean for Academic Affairs,  
Mayo Clinic Alix School of Medicine – Florida Campus  
Assistant Professor of Neurology,  
Mayo Clinic College of Medicine and Science

## **WILLIAM (CHRIS) C. FOX, M.D.**

Associate Dean for Student Affairs,  
Mayo Clinic Alix School of Medicine – Florida Campus  
Assistant Professor of Neurosurgery,  
Mayo Clinic College of Medicine and Science

## **FRED KUSUMOTO, M.D.**

Associate Dean for Faculty Affairs,  
Mayo Clinic Alix School of Medicine – Florida Campus  
Professor of Medicine,  
Mayo Clinic College of Medicine and Science

“Our father recognized certain definite social obligations. He believed ... that the important thing in life is not to accomplish for one’s self alone, but for each to carry his share of collective responsibility.”

WILLIAM J. MAYO, M.D.

# Florida Doctor of Medicine



**FAAIQ NABEEL ASLAM**

**B.S., Microbiology and Cell Science**

University of Florida  
Gainesville, FL

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Jacksonville, FL



**KRISTIN E. CARDIEL NUNEZ**

**B.S., Biology**

Wayne State University  
Detroit, MI

**Residency:**

**Pediatrics-Medical Genetics**

University of Pennsylvania/  
Children's Hospital of Philadelphia  
Philadelphia, PA



**SIVEN CHINNIHAH**

**B.S., Cellular and  
Molecular Neuroscience**

Temple University  
Philadelphia, PA

**Residency:**

**Internal Medicine**

Duke University Medical Center  
Durham, NC



**LISET FALCON RODRIGUEZ**

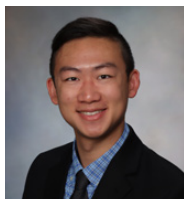
**B.A., Chemistry**

University of North Carolina  
Chapel Hill, NC

**Residency:**

**Anesthesiology**

Harvard University/Massachusetts  
General Hospital  
Boston, MA



**JAMES HWANG**

**B.S., Biology**

Duke University  
Durham, NC

**Residencies:**

**Transitional**

Kaiser Permanente  
Santa Clara, CA

**Radiology - Diagnostic**

Yale New Haven Hospital  
New Haven, CT



**FATIMA ZAHRA ISLAM**

**B.S., Biomedical Engineering**

Georgia Institute of Technology  
Atlanta, GA

**Residency:**

**Surgery - Preliminary**

Wake Forest Baptist Medical Center  
Winston-Salem, NC

# Florida Doctor of Medicine



**CAROLYN ANN MEYERS**

**B.S., Biochemistry**

University of California  
Los Angeles, CA

**Residency:**

**Orthopaedic Surgery**

Loma Linda University  
Medical Center  
Loma Linda, CA



**MICHAEL SCHWARTZ**

**B.S., Chemistry and Biology**

University of Miami  
Coral Gables, FL

**B.A., Mathematics and**

**Jewish Studies**

University of Miami  
Coral Gables, FL

**M.P.H., Public Health**

University of Buffalo  
Buffalo, NY

**Residency:**

**Family Medicine**

University at Buffalo  
School of Medicine  
Buffalo, NY



**SAMUEL T. SWEI**

**B.A., Molecular and Cell Biology**

University of California  
Berkeley, CA

**Residency:**

**Internal Medicine**

Kaiser Permanente  
Santa Clara, CA

# Florida Doctor of Medicine

## FAREWELL & THANK YOU FROM MAYO CLINIC ALIX SCHOOL OF MEDICINE IN FLORIDA

The Mayo Clinic Alix School of Medicine Class of 2023 would like to express our sincerest gratitude to the many individuals who have shaped and supported us over the past four years of our medical training.

First, we would like to thank the patients of Mayo Clinic, who graciously allowed us to learn from and with them. Our medical education would not be possible without them, and it is our personal experiences and human connections we had with them that will continue to remind us of why we chose this field.

Second, we thank our faculty members, preceptors, fellows and residents who have guided our development from medical students to physicians. We thank the faculty who taught our courses and helped us establish a strong foundational knowledge of disease and treatment. We thank our clinical preceptors, who taught us how to take histories and perform physical exams. Thank you for introducing us to our first patients.

We thank the gracious benefactors whose donations allowed us to receive a world-class education in an institution with the finest medical resources and commendable values. Thank you for your generosity and commitment.

We thank our fellow students for the fundamental role you have played in our medical education. Over the years, the opportunity to share our triumphs and defeats as we built enduring friendships and became physicians together has been a highlight of this journey.

Most importantly, we thank our family and friends. Thank you for standing by our side through challenging times and for showing us steadfast patience, love and support.

We would not be here today without each and every one of you. It is because of you that we graduate today and become physicians.

Thank you.

*Mayo Clinic Alix School of Medicine  
Florida Class of 2023*



**“Out of this composite  
education we finally accept  
the idea that man does not  
live for himself alone  
but as an integral part  
of society.”**

WILLIAM J. MAYO, M.D.





# Arizona Class of 2023

May 17, 2023

**Arizona Biltmore Hotel**  
**Phoenix, Arizona**



# Arizona Commencement Program

MAY 17, 2023

<b>Processional</b>	Bagpipers Platform participants Faculty representatives Graduates
<b>Welcome from the Executive Dean</b>	Fredric B. Meyer, M.D.
<b>Remarks by the President &amp; CEO, Mayo Clinic</b>	Gianrico Farrugia, M.D.
<b>Commencement Address</b>	Dawn M. Mussallem, D.O.
<b>Dean's Remarks &amp; Awards</b>	Michele Y. Halyard, M.D.
<b>Remarks by the CEO, Mayo Clinic in Arizona</b>	Richard J. Gray, M.D.
<b>Student Address</b>	Anna M. Pisac
<b>Conferring of Medical Degrees</b>	Fredric B. Meyer, M.D. Michele Y. Halyard, M.D. Keith J. Cannon, M.D. Mira T. Keddis, M.D. Amit A. Shah, M.D.
<b>Concluding Remarks</b>	Fredric B. Meyer, M.D.
<b>Reading of the Physician's Pledge</b>	Fredric B. Meyer, M.D. All M.D. attendees

## Recessional

*Please join us after the recessional for a reception in the Main Foyer.*

# Arizona Platform Participants

## **FREDRIC B. MEYER, M.D.**

Juanita Kious Waugh Executive Dean of Education,  
Mayo Clinic College of Medicine and Science  
Dean, Mayo Clinic Alix School of Medicine  
Alfred Uihlein Family Professor of Neurologic Surgery

## **GIANRICO FARRUGIA, M.D.**

President & CEO, Mayo Clinic  
Professor of Medicine and Physiology,  
Mayo Clinic College of Medicine and Science

## **DAWN M. MUSSALLEM, D.O.**

Commencement Speaker  
Assistant Professor of Medicine,  
Mayo Clinic College of Medicine and Science

## **MICHELE Y. HALYARD, M.D.**

Suzanne Hanson Poole Vice Dean,  
Mayo Clinic Alix School of Medicine  
Dean, Mayo Clinic Alix School of Medicine –  
Arizona Campus  
Professor of Radiation Oncology,  
Mayo Clinic College of Medicine and Science

## **RICHARD J. GRAY, M.D.**

CEO, Mayo Clinic in Arizona  
Professor of Surgery,  
Mayo Clinic College of Medicine and Science

## **KEITH J. CANNON, M.D.**

Associate Dean for Academic Affairs – Arizona Campus  
Assistant Professor of Medicine,  
Mayo Clinic College of Medicine and Science

## **MIRA T. KEDDIS, M.D.**

Associate Dean for Faculty Affairs – Arizona Campus  
Associate Professor of Medicine,  
Mayo Clinic College of Medicine and Science

## **AMIT A. SHAH, M.D.**

George M. and Kristen L. Lund Associate Dean for  
Student Affairs, Mayo Clinic Alix School of  
Medicine – Arizona Campus  
Assistant Professor of Medicine,  
Mayo Clinic College of Medicine and Science

“The best interest of the patient is the only interest to be considered, and in order that the sick may have the benefit of advancing knowledge, union of forces is necessary.”

WILLIAM J. MAYO, M.D.

# Arizona Doctor of Medicine



**SAMI MANHAL ABUJSARAH**

**B.A., Molecular Biology**  
Pomona College  
Claremont, CA

**Residency:**  
**General Surgery**  
University of California  
San Diego Medical Center  
San Diego, CA



**PUNEET KAUR BHULLAR**

**B.A., Integrative Biology**  
University of California  
Berkeley, CA



**TANNER BOLLIG**

**B.A., Molecular and Cell Biology**  
University of California  
Berkeley, CA

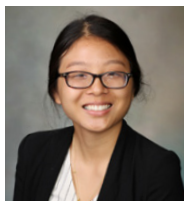
**Residency:**  
**Emergency Medicine**  
Creighton University  
Phoenix, AZ



**GABRIELLA FARIA BULMAN**

**B.S., Biology**  
Whitworth University  
Spokane, WA

**Residency:**  
**Emergency Medicine**  
Medical College of Georgia  
Augusta, GA



**ISABELA WEN-CHI CHANG**

**B.S., Public Health Science**  
University of California  
Irvine, CA

**Residency:**  
**Internal Medicine**  
Mayo Clinic School of  
Graduate Medical Education  
Scottsdale, AZ



**JOYCE YI CHEN**

**B.S., Biochemistry**  
Northeastern University  
Boston, MA

**Residencies:**  
**Medicine - Preliminary**  
California Pacific Medical Center  
San Francisco, CA  
**Dermatology**  
University of California  
Davis Medical Center  
Sacramento, CA

# Arizona Doctor of Medicine



**NATHAN A. CHOW**

**B.S., Health Science**

Hofstra University  
Hempstead, NY

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Scottsdale, AZ



**NICOLE DE LA PEÑA**

**B.S., Neuroscience and  
Cognitive Science**

University of Arizona  
Tucson, AZ

**B.S., Molecular and Cellular Biology**

University of Arizona  
Tucson, AZ

**Residency:**

**Neurological Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**LAUREN DEBUSK**

**B.A., Neuroscience**

University of Tennessee  
Knoxville, TN

**M.S., Biotechnology**

Brown University  
Providence, RI



**MATTHEW DOAN**

**B.S., Human Biology**

University of California  
La Jolla, CA

**Residencies:**

**Transitional**

Universal Health Services  
Southern California Medical  
Education Consortium  
Temecula, CA

**Radiology - Diagnostic**

Zucker School of Medicine-Northwell  
North Shore University Hospital/  
Long Island Jewish Medical Center  
Uniondale, NY



**RACHEL BEVERLY DUNN**

**B.S., Neuroscience and  
Cognitive Science**

University of Arizona  
Tucson, AZ

**Residency:**

**Family Medicine**

University of Arizona  
College of Medicine  
Phoenix, AZ



**RICHARD UCHENNA EBOKA**

**B.A., Ecology and Evolutionary Biology**

Yale University  
New Haven, CT

**Residency:**

**Psychiatry**

Oregon Health and Science University  
Portland, OR

# Arizona Doctor of Medicine



**SHERIF EL-GAYAR**

**B.S., Biology**

South Dakota State University  
Brookings, SD

**Residency:**

**Psychiatry**

Valley Health System  
Las Vegas, NV



**ZACHARY GINSBERG**

**B.S., Biology, Genetics,  
Political Science**

University of Toronto  
Toronto, ON  
Canada

**Residency:**

**Emergency Medicine**

University of Miami/  
Jackson Health System  
Miami, FL



**MATTHEW R. HOWARD**

**B.S., Mechanical Engineering**

South Dakota School of  
Mines and Technology  
Rapid City, SD

**Residency:**

**Neurology**

Cleveland Clinic Foundation  
Cleveland, OH



**PENNY HUNG**

**B.S.F.S., International Political Economy**

Georgetown University  
School of Foreign Service  
Washington, DC

**Residency:**

**Cardiothoracic Surgery**

Montefiore Medical Center/  
Albert Einstein  
Bronx, NY



**JAVIER JANBIEH**

**B.A., Molecular Biology**

Princeton University  
Princeton, NJ

**M.S., Physiology**

University of Cincinnati  
College of Medicine  
Cincinnati, OH

**Residencies:**

**Medicine - Preliminary**

Santa Barbara Cottage Hospital  
Santa Barbara, CA

**Radiation Oncology**

University of Florida College of  
Medicine – Shands Hospital  
Gainesville, FL



**HANNAH JARVIS**

**B.S., Biology**

Xavier University  
Cincinnati, OH

**Residency:**

**Internal Medicine**

Case Western/University Hospitals  
Cleveland Medical Center  
Cleveland, OH

# Arizona Doctor of Medicine



**NICHOLAS JARVIS**

**B.S., Biological Sciences**  
Arizona State University  
Tempe, AZ

**Residency:**  
**Plastic Surgery (Integrated)**  
Cleveland Clinic Foundation  
Cleveland, OH



**HARRIS LIOU**

**B.A., Biology and Society**  
Cornell University  
Ithaca, NY

**Residencies:**  
**Transitional**  
Universal Health Services  
Southern California Medical  
Education Consortium  
Temecula, CA

**Radiology - Diagnostic**  
University of Southern California  
Los Angeles, CA



**KERRI MARIE MCINNIS-SMITH**

**B.A., Biochemistry/Molecular Biology**  
Carroll College  
Helena, MT

**B.A., Spanish**  
Carroll College  
Helena, MT

**Residency:**  
**Ophthalmology**  
Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**KALEY BURKE MCMULLEN**

**B.S., Biology**  
Fairfield University  
Fairfield, CT

**Residency:**  
**Anesthesiology**  
Tufts Medical Center  
Boston, MA



**ANNA PISAC**

**B.A., Chemistry**  
Wellesley College  
Wellesley, MA

**M.S., Science of Healthcare Delivery**  
Arizona State University  
Tempe, AZ

**Residency:**  
**Family Medicine**  
University of Colorado  
School of Medicine  
Aurora, CO



**PRANAV PURI**

**B.A., Economics**  
University of Chicago  
Chicago, IL

**Residency:**  
**Medicine - Preliminary**  
University of Iowa  
Hospitals and Clinics  
Iowa City, IA



# Arizona Doctor of Medicine



**BRYESON MICHAEL  
GREGORIO RODGERS**

**B.S.E., Chemical and  
Biological Engineering**

Princeton University  
Princeton, NJ

**Residency:**

**Orthopaedic Surgery**  
University of Arizona  
College of Medicine  
Tucson, AZ



**HANA RAI ROSENOW**

**B.S., Public Health**

University of Washington  
Seattle, WA

**Residency:**

**Internal Medicine**  
Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**STEPHEN JAMES ROWLEY**

**B.A., Biology**

Washington and Lee University  
Lexington, VA

**B.A., Computer Science**

Washington and Lee University  
Lexington, VA

**Residency:**

**Internal Medicine**  
University of Maryland  
Medical Center  
Baltimore, MD



**ANN MARIE RYDBERG**

**B.S., Biology**

The College of William and Mary  
Williamsburg, VA

**B.S., History**

The College of William and Mary  
Williamsburg, VA

**Residency:**

**Psychiatry**  
Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**MARISA MARTINEZ SALAZAR**

**A.B., Chemistry**

Princeton University  
Princeton, NJ

**M.S., Science of Healthcare Delivery**

Arizona State University  
Phoenix, AZ

**Residency:**

**Medicine - Pediatrics**  
University of Texas  
Southwestern Medical School  
Dallas, TX



**SHIV SHAH**

**B.S., Biological Sciences**

Arizona State University  
Tempe, AZ

**Residency:**

**Internal Medicine**  
University of Chicago  
Medical Center  
Chicago, IL

# Arizona Doctor of Medicine



**GURPAUL SIDHU**

**B.S.E., Biomedical Engineering**

Arizona State University  
Tempe, AZ

**Residency:**

**Emergency Medicine**

University of Arizona  
College of Medicine  
Tucson, AZ



**ROHIN SINGH**

**B.S., Neuroscience**

Arizona State University  
Tempe, AZ

**B.S., Molecular and Cellular Biology**

Arizona State University  
Tempe, AZ

**B.H.Sc., Physiology**

Arizona State University  
Tempe, AZ

**Residency:**

**Neurological Surgery**

University of Rochester/  
Strong Memorial  
Rochester, NY



**KYLE STEIGER**

**B.A., Biology**

Carroll College  
Helena, MT

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**TAYLOR A. VIGGIANO**

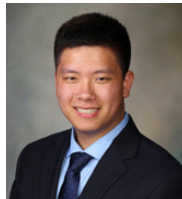
**B.A., Biology**

Brown University  
Providence, RI

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Scottsdale, AZ



**WINSTON WANG**

**B.S., Computer Science**

Stanford University  
Stanford, CA

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Scottsdale, AZ



**NICOLE L. B. WHITMYRE**

**B.S., Environmental Studies**

Yale University  
New Haven, CT

**M.S., Science of Healthcare Delivery**

Arizona State University  
Phoenix, AZ

**Residency:**

**Obstetrics - Gynecology**

University of Arizona  
College of Medicine  
Tucson, AZ

# Arizona Doctor of Medicine



**BRYAN SAMUEL WITT**

**B.S., Neuroscience**

Brigham Young University  
Provo, UT

**Residency:**

**Pediatrics**

Phoenix Children's Hospital  
Phoenix, AZ



**EMILY WU**

**B.S., Neuroscience**

Duke University  
Durham, NC

**Residency:**

**Internal Medicine**

University of Rochester/  
Strong Memorial  
Rochester, NY



**HENRY ZHENG**

**B.A., Chemistry**

Princeton University  
Princeton, NJ

**Residency:**

**Otolaryngology**

Kaiser Permanente  
Oakland, CA

# Arizona Doctor of Medicine

## FAREWELL & THANK YOU FROM MAYO CLINIC ALIX SCHOOL OF MEDICINE IN ARIZONA

The Mayo Clinic Alix School of Medicine Class of 2023 would like to express our most sincere gratitude to all those who have shaped and supported us on this journey to becoming physicians.

To the patients of Mayo Clinic, thank you for your graciousness in allowing us to learn from and with you. Thank you for sharing your stories and most vulnerable moments with us and serving as the foundation for our medical education. From each patient along our journeys, we have taken away valuable lessons to help guide us in the next step of our careers. We are endlessly grateful for your generosity, understanding and patience.

Thank you to the Mayo Clinic faculty, fellows and residents who have guided our learning, imparted their wisdom and insight, and inspired us with their passion and commitment to patient care. To our mentors, thank you for all your support in cultivating our own interests, helping us believe in ourselves and all the unwavering encouragement and reassurance. We could not have asked for greater role models, and we appreciate your guidance.

Next, thank you to the MCASOM deans, faculty and administrators for your clear commitment to our education and growth. We are grateful for the time, effort and coordination that allowed for such a robust educational experience. We thank our many fellow classmates who have gone above and beyond pursuing dual degrees, research endeavors and personal interests and therefore may not be graduating with us today. We thank you for the shared laughs, being there to celebrate our wins and overcome our failures, and the lifelong friendships we've built. We wish you all the best, and please know we will be rooting you on as you finish this journey. We also thank the upperclass for all your advice and perspectives, and we thank the students who will graduate after us for your continued support, friendship and encouragement. We will carry our pride of being part of this Mayo Clinic family no matter where life may take us next.

Thank you to the benefactors of Mayo Clinic who have helped support the unparalleled education and opportunities we have received here at MCASOM. We are tremendously grateful for your generosity and commitment.

“Knowledge of the past gave the foundation upon which has been built the present, and upon which we predict the future.”

WILLIAM J. MAYO, M.D.



Finally, we extend our deepest thanks to our families, friends and loved ones who have supported us unconditionally on this journey. We could not have done this without you. Today we become compassionate and driven physicians who have been shaped by your support, encouragement and guidance. You have all played such pivotal roles in this journey, and we cannot thank you enough.

*Mayo Clinic Alix School of Medicine  
Arizona Class of 2023*

# Minnesota Class of 2023

May 19, 2023

**Mayo Civic Center**  
**Rochester, Minnesota**



# Minnesota Commencement Program

MAY 19, 2023

<b>Processional</b>	Bagpipers Platform participants Faculty representatives Graduates
<b>Welcome</b>	Fredric B. Meyer, M.D.
<b>Remarks by the President &amp; CEO, Mayo Clinic</b>	Gianrico Farrugia, M.D.
<b>Commencement Address</b>	Dawn M. Mussallem, D.O.
<b>Dean's Remarks &amp; Awards</b>	Stephen C. Ekker, Ph.D.
<b>MCGSBS Student Address</b>	Bradley Bowles
<b>Conferring of Ph.D. &amp; Masters' Degrees</b>	Fredric B. Meyer, M.D. Stephen C. Ekker, Ph.D. J. Luis Lujan, Ph.D., M.S. Evette S. Radisky, Ph.D. Virginia M. Shapiro, Ph.D. Anthony J. Windebank, M.D. Student Advisors
<b>Dean's Remarks &amp; Awards</b>	Fredric B. Meyer, M.D.
<b>MCASOM Student Address</b>	Connor D. Walsh
<b>Conferring of Medical Degrees</b>	Fredric B. Meyer, M.D. J. Michael Bostwick, M.D. Torrey A. Laack, M.D. Rochelle R. Torgerson, M.D., Ph.D.
<b>Concluding Remarks</b>	Fredric B. Meyer, M.D.
<b>Reading of the Physician's Pledge</b>	Fredric B. Meyer, M.D. All M.D. attendees

## Recessional

*Please join us after the recessional for a reception in the North Lobby.*

# Minnesota Platform Participants

## **FREDRIC B. MEYER, M.D.**

Juanita Kious Waugh Executive Dean of Education,  
Mayo Clinic College of Medicine and Science  
Dean, Mayo Clinic Alix School of Medicine  
Alfred Uihlein Family Professor of Neurologic Surgery

## **GIANRICO FARRUGIA, M.D.**

President & CEO, Mayo Clinic  
Professor of Medicine and Physiology,  
Mayo Clinic College of Medicine and Science

## **DAWN M. MUSSALLEM, D.O.**

Commencement Speaker  
Assistant Professor of Medicine,  
Mayo Clinic College of Medicine and Science

## **STEPHEN C. EKKER, PH.D.**

Dean, Mayo Clinic Graduate School of Biomedical Sciences  
Professor of Biochemistry and Molecular Biology,  
Mayo Clinic College of Medicine and Science

## **J. LUIS LUJAN, PH.D.**

Associate Dean of Student Affairs,  
Mayo Clinic Graduate School of Biomedical Sciences  
Associate Professor of Biomedical  
Engineering and Neurosurgery,  
Mayo Clinic College of Medicine and Science

## **EVETTE S. RADISKY, PH.D.**

Professor of Cancer Biology and Pharmacology  
Mayo Clinic College of Medicine and Science

## **VIRGINIA M. SHAPIRO, PH.D.**

Associate Dean of Faculty Affairs,  
Mayo Clinic Graduate School of Biomedical Sciences  
Professor of Immunology,  
Mayo Clinic College of Medicine and Science

## **ANTHONY J. WINDEBANK, M.D.**

Judith and Jean Pape Adams Charitable Foundation  
Professor of Neuroscience  
Professor of Neurology,  
Mayo Clinic College of Medicine and Science

## **J. MICHAEL BOSTWICK, M.D., M.F.A.**

Senior Associate Dean for Admissions,  
Mayo Clinic Alix School of Medicine  
Professor of Psychiatry,  
Mayo Clinic College of Medicine and Science

## **TORREY A. LAACK, M.D.**

Assistant Dean for Curriculum,  
Mayo Clinic Alix School of Medicine – Minnesota  
Associate Professor of Emergency Medicine,  
Mayo Clinic College of Medicine and Science

## **ROCHELLE R. TORGERSON, M.D., PH.D.**

Associate Dean for Student Affairs,  
Mayo Clinic Alix School of Medicine – Minnesota  
Associate Professor of Dermatology,  
Mayo Clinic College of Medicine and Science

“Within its walls all classes of people, the poor as well as the rich, without regard to color or creed, shall be cared for without discrimination.”

WILLIAM J. MAYO, M.D.



# Doctor of Philosophy



## ANDERS JAMES ASP

### B.S., Neuroscience

University of Minnesota  
Minneapolis, MN

### B.A., Physiology

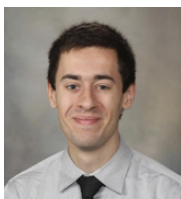
University of Minnesota  
Minneapolis, MN

### Ph.D., Biomedical Engineering and Physiology

Advisor: J. Luis Lujan, Ph.D., M.S.  
Thesis: Deep Brain Stimulation Re-Imagined: A Spike-Timing-Dependent-Plasticity-Based Approach for Treating Alcohol Use Disorder

#### Position

Engineer  
Mayo Clinic  
Physical Medicine and Rehabilitation  
Rochester, MN



## BRADLEY BOWLES

### B.S., Biological Science

University of Notre Dame  
Notre Dame, IN

### Ph.D., Clinical and Translational Science

Advisor: Eric W. Klee, Ph.D.  
Thesis: Expanding Variant-Aware Strategies for Rare Disease Diagnosis

#### Position

Bioinformatics Scientist Tempus  
Mountain View, CA



## WHITNEY JO BARHAM\*

### B.S., Chemistry

Rhodes College  
Memphis, TN

### M.D.

Mayo Clinic Alix School of Medicine  
Rochester, MN

### Ph.D., Immunology

Advisor: Haidong Dong, M.D., Ph.D.  
Thesis: Assessment of T Cell Priming and T Cell Intrinsic Factors Critical for Antitumor Cytotoxicity in the Context of Cancer Immunotherapy

#### Position

Internal Medicine/  
ABIM Research Path Resident  
Vanderbilt University Medical Center  
Nashville, TN



## SUSANNA NILA BASAPPA\*

### B.S., Biochemistry and Biology

University of San Francisco  
San Francisco, CA

### M.D.

Mayo Clinic Alix School of Medicine  
Rochester, MN

### Ph.D., Clinical and Translational Science

Advisor: Lila J. Rutten, Ph.D.  
Thesis: Breast Cancer Mode of Detection Varies by Breast Density and Stage at Diagnosis in Population Based Cohort

#### Position

Family Medicine Resident  
University of New Mexico  
School of Medicine  
Albuquerque, NM



## ISMAIL CAN

### B.S., Molecular Biology and Genetics

Izmir Institute of Technology  
Izmir  
Turkey

### Ph.D., Biochemistry and Molecular Biology

Advisor: Saad J. Kenderian, M.B., Ch.B.  
Thesis: Understanding Resistance to CAR-T Cell Therapy

#### Position

Postdoctoral Fellow  
Mayo Clinic  
Department of Biochemistry and Molecular Biology  
Rochester, MN



## STEVEN M. DOTZLER\*

### B.A., ACS Chemistry and Biology

Concordia College  
Moorhead, MN

### M.D.

Mayo Clinic Alix School of Medicine  
Rochester, MN

### Ph.D., Molecular Pharmacology and Experimental Therapeutics

Advisor: Michael J. Ackerman, M.D., Ph.D.  
Thesis: Suppression-Replacement KCNQ1 Gene Therapy for Type 1 Long QT Syndrome

#### Position

Anesthesiology Resident  
Mayo Clinic School of Graduate Medical Education  
Rochester, MN

\*denotes M.D.-Ph.D. dual degree program

# Doctor of Philosophy



## MICHAEL JUSTIN EMCH

### B.S., Biomolecular Engineering

Milwaukee School of Engineering  
Milwaukee, WI

### Ph.D., Biochemistry and Molecular Biology

Advisor: John R. Hawse, Ph.D.  
Thesis: Estrogen Receptor Beta  
Therapies in Disease Treatment

#### Position

Postdoctoral Fellow  
Mayo Clinic  
Department of Biochemistry  
and Molecular Biology  
Rochester, MN



## CORI FAIN

### B.S., Biology

The University of Kansas  
Lawrence, KS

### Ph.D., Immunology

Advisor: Aaron J. Johnson, Ph.D.  
Thesis: Immunological  
Contributions to the Pathogenesis  
of Cerebral Malaria

#### Position

Postdoctoral Fellow  
Washington University in  
St. Louis Medical School  
Department of Internal Medicine  
St. Louis, MO



## OMAR LORENZO GUTIERREZ RUIZ

### B.S., Biochemistry and Molecular Biology

The University of Texas  
El Paso, TX

### Ph.D., Biochemistry and Molecular Biology

Advisor: Gina Razidlo, Ph.D.  
Thesis: DOCK8 Is a Novel Regulator  
of Lysosome-Mediated Pancreatic  
Cancer Progression

#### Position

Postdoctoral Fellow  
Mayo Clinic  
Hematology  
Rochester, MN



## JOSIANE JOSEPH\*

### B.S., Biology

University of Florida  
Gainesville, FL

### A.A., Business Administration

Miami Dade College  
Miami, FL

### M.D.

Mayo Clinic Alix School of Medicine  
Rochester, MN

### Ph.D., Clinical and Translational Science

Advisor: Jason D. Doles, Ph.D.  
Thesis: Metabolic Abnormalities in  
Disease Alter Progenitor Cell Function  
and Precede Tissue Deterioration

#### Position

General Surgery Resident  
University of Florida College of  
Medicine - Shands Hospital  
Gainesville, FL



## NAZANIN KAZEMI-BUTTERFIELD\*

### B.S., Chemistry and Biology

University of Missouri-Kansas City  
Kansas City, MO

### M.D.

Mayo Clinic Alix School of Medicine  
Rochester, MN

### Ph.D., Immunology

Advisor: Svetomir N. Markovic, M.D., Ph.D.  
Thesis: Determining the Causes and  
Inflammatory Consequences of Cell-  
Free Fetal DNA Release in Pregnancy

#### Position

Pediatrics Resident  
University of Colorado  
School of Medicine - Denver  
Aurora, CO



## REBECCA LYNN KELLY

### B.S., Chemistry

St. Norbert College  
DePere, WI

### Ph.D., Molecular Pharmacology and Experimental Therapeutics

Advisor: Larry M. Karnitz, Ph.D.  
Thesis: The Intra-S Phase Checkpoint  
Regulates Treslin to Suppress New  
Origin Firing

#### Position

Postdoctoral Fellow  
National Cancer Institute  
Cancer Prevention Fellowship Program  
Rockville, MD

\*denotes M.D.-Ph.D. dual degree program

# Doctor of Philosophy



## ROMAN H. KHADKA

### **B.S., Biological Sciences**

Augsburg University  
Minneapolis, MN

### **Ph.D., Immunology**

Advisor: Aaron J. Johnson, Ph.D.  
Thesis: Antigen-Specific CD8  
T Cell-Mediated Blood Brain Barrier  
(BBB) Modulation: Implications in  
Pathology and Therapy

### **Position**

Postdoctoral Fellow  
University of Pennsylvania  
UPenn Center for  
Cellular Immunotherapies  
Philadelphia, PA



## AARTI KOLLURI

### **B.A., Biological Chemistry**

Grinnell College  
Grinnell, IA

### **B.A., Gender, Women's and Sexuality Studies**

Grinnell College  
Grinnell, IA

### **Ph.D., Clinical and Translational Science**

Advisor: Lewis R. Roberts, M.B., Ch.B., Ph.D.  
Thesis: The Role of Glypican 3 in  
Liver Cancer Therapy

### **Position**

Scientist  
Century Therapeutics  
Immunology  
Philadelphia, PA



## JORDAN EDWARD KRULL

### **B.S., Physiology**

University of Washington  
Seattle, WA

### **Ph.D., Immunology**

Advisor: Anne J. Novak, Ph.D.  
Thesis: Multi-Omic Studies in  
Lymphoma Reveal Novel Biology  
and Molecular Subtypes

### **Position**

Postdoctoral Fellow  
Ohio State University  
Department of Bioinformatics  
Columbus, OH



## JYOTI KUMARI LAMA

### **B.S., Biology**

Southeast Missouri State University  
Cape Girardeau, MO

### **M.S., Biology**

Georgia College and State University  
Milledgeville, GA

### **Ph.D., Immunology**

Advisor: Hirohito Kita, M.D.  
Thesis: T Follicular Helper Cells  
In Regulation of Peanut Allergies

### **Position**

Postdoctoral Fellow  
AstraZeneca  
Cancer Cell and Gene Therapy  
Gaithersburg, MD



## MARCELLO CARLO LAURENTI

### **B.S., Bioengineering**

University of Pavia  
Pavia  
Italy

### **M.S., Bioengineering**

University of Padova  
Padova  
Italy

### **Ph.D., Biomedical Engineering and Physiology**

Advisor: Adrian Vella, M.D.  
Thesis: Islet Hormone Secretion, Action  
and Interaction in Health and Disease

### **Position**

Postdoctoral Researcher  
University of Luxembourg  
Luxembourg



## DANIEL LINDBERG\*

### **B.S., Biology**

University of Virginia  
Charlottesville, VA

### **B.A., Neuroscience**

University of Virginia  
Charlottesville, VA

### **M.D.**

Mayo Clinic Alix School of Medicine  
Rochester, MN

### **Ph.D., Neuroscience**

Advisor: Doo-Sup Choi, Ph.D.  
Thesis: Blood and Brain Metabolic  
Signatures of Depression,  
Schizophrenia and Alcohol  
Use Disorder

\*denotes M.D.-Ph.D. dual degree program

# Doctor of Philosophy



## VICTORIA STERLING MARKS

### **B.S., Biomedical Engineering**

University of Miami  
Coral Gables, FL

### **Ph.D., Biomedical Engineering and Physiology**

Advisor: Gregory A. Worrell, M.D., Ph.D.  
Thesis: Objective Tracking of Signs and Symptoms In Epilepsy

#### **Position**

Postdoctoral Research Assistant  
in Neurotechnology  
Oxford University  
Department of Engineering Science  
Oxford, United Kingdom



## NOLAN KOHRELL MEYER

### **B.S., Mathematics**

University of Minnesota Twin Cities  
Minneapolis, MN

### **B.S., Health Science**

University of Minnesota Rochester  
Rochester, MN

### **Ph.D., Biomedical Engineering and Physiology**

Advisors: Joshua D. Trzasko, Ph.D.  
and Matthew A. Bernstein, Ph.D.  
Thesis: Denoising and Reconstruction  
Methods for Echo Planar Imaging:  
Applications on A High-Performance  
Compact 3T MRI System

#### **Position**

Research Fellow  
Mayo Clinic  
Department of Radiology  
Rochester, MN



## DILEEP DANIEL MONIE\*

### **B.A., Biology**

Harvard University  
Cambridge, MA

### **M.D.**

Mayo Clinic Alix School of Medicine  
Rochester, MN

### **Ph.D., Immunology**

Advisors: Hu Li, Ph.D.  
and Richard G. Vile, Ph.D.  
Thesis: Systems Biology for  
Engineering Regenerative  
Immunotherapies in Precision  
Neuro-Oncology

#### **Position**

Neurological Surgery Resident  
Montefiore Medical Center -  
Albert Einstein College of Medicine  
Bronx, NY



## BRANDON JOHN NELSON

### **B.A., Physics**

Carleton College  
Northfield, MN

### **Ph.D., Biomedical Engineering and Physiology**

Advisor: Cynthia H. McCollough, Ph.D.  
Thesis: Complementarity of Multiple  
X-Ray Contrasts in Characterization  
of Pulmonary Fibrosis with Grating  
Interferometer Micro-CT

#### **Position**

Staff Fellow  
U.S. Food and Drug Administration  
Office of Science and Engineering Labs  
Silver Spring, MD



## THANH THANH LE NGUYEN

### **B.A., Biology**

Green Mountain College  
Poultney, VT

### **Ph.D., Molecular Pharmacology and Experimental Therapeutics**

Advisor: Richard Weinsilboum, M.D.  
Thesis: Modeling Gene  $\times$  Environment  
Interactions with Glucocorticoids  
Unmasks Novel Disease Risk  
Mechanisms

#### **Position**

Postdoctoral Associate  
Yale University  
Departments of Genetics  
and Psychiatry  
New Haven, CT



## EMILY S. NORTON

### **B.S., Physiology and Neurobiology**

University of Connecticut  
Storrs, CT

### **Ph.D., Neuroscience**

Advisors: Hugo Guerrero  
and Cazares, M.D., Ph.D.  
Thesis: Bidirectional Interactions  
Between Cell Populations of the  
Subventricular Zone and Glioblastoma

#### **Position**

Postdoctoral Fellow  
Mayo Clinic  
Department of Neurological Surgery  
Jacksonville, FL

\*denotes M.D.-Ph.D. dual degree program

# Doctor of Philosophy



## MINERVA ALEXANDRA ORELLANA

### **B.S., Physiology**

San Francisco State University  
San Francisco, CA

### **M.S., Cell and Molecular Biology**

San Francisco State University  
San Francisco, CA

### **Ph.D., Clinical and Translational Science**

Advisor: Felicity T. Enders, Ph.D.  
Co-Advisor: Elizabeth A. Stewart, M.D.  
Thesis: Uterine Fibroids: Herstories  
Across the Translational Spectrum

### **Position**

Postdoctoral Research Fellow  
University of Washington  
Department of Obstetrics  
and Gynecology  
Seattle, WA



## LINDY PENCE\*

### **B.S., Biology**

Wofford College  
Spartanburg, SC

### **M.D.**

Mayo Clinic Alix School of Medicine  
Rochester, MN

### **Ph.D., Biochemistry and Molecular Biology**

Advisor: Panagiotis Z. Anastasiadis, Ph.D.  
Thesis: Roles and Regulation of  
Plekha7, an Apical Adherens  
Junction Protein, in Physiologic and  
Pathophysiologic States

### **Position**

Pediatrics Resident  
Cincinnati Children's Hospital  
Medical Center  
Cincinnati, OH



## VELIA PENZA

### **B.S., Biological Sciences**

University of Milan  
Milan  
Italy

### **M.S., Molecular Biology and Genetics**

University of Pavia  
Pavia  
Italy

### **Ph.D., Virology and Gene Therapy**

Advisor: Stephen J. Russell, M.D., Ph.D.  
Thesis: The Role of the Polycytidine  
Tract in Mengovirus Oncolytic  
Virotherapy

### **Position**

Postdoctoral Fellow  
Mayo Clinic  
Department of Molecular Medicine  
Rochester, MN



## ERICA ASHLEY POWER

### **B.A., Chemistry**

Gustavus Adolphus College  
St. Peter, MN

### **B.A., Biochemistry and Molecular Biology**

Gustavus Adolphus College  
St. Peter, MN

### **Ph.D., Clinical and Translational Science**

Advisor: David J. Daniels, M.D., Ph.D.  
Thesis: The Role of Convection-  
Enhanced Delivery in Drug Delivery  
to H3K27M Diffuse Midline Gliomas

### **Position**

Medical Student  
Loyola University  
Chicago Stritch School of Medicine  
Maywood, IL



## LUIS IVAN PRIETO

### **B.S., Cellular and Molecular Biochemistry**

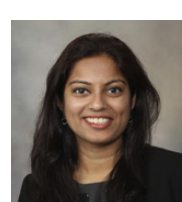
The University of Texas  
El Paso, TX

### **Ph.D., Biochemistry and Molecular Biology**

Advisor: Darren J. Baker, Ph.D., M.S.  
Thesis: The Implication of  
Senescent Tissue-Resident  
Macrophages in Cancer

### **Position**

Postdoctoral Research Fellow  
Mayo Clinic  
Department of Pediatrics and  
Adolescence Medicine  
Rochester, MN



## NAGA SAI RAMYA RALLABANDI

### **B.S., Biotechnology**

Jawaharlal Nehru  
Technological University  
Hyderabad, Telangana  
India

### **M.S., Microbiology**

University of Florida  
Gainesville, FL

### **Ph.D., Virology and Gene Therapy**

Advisor: Patricia Devaux, Ph.D.  
Thesis: Measles Vector Platform for  
Reprogramming and Gene Editing  
of Human Fibroblasts

### **Position**

Scientist  
Johnson and Johnson  
Malvern, PA

\*denotes M.D.-Ph.D. dual degree program

# Doctor of Philosophy



**AARON ELLIOTT RUSHEEN\***

**B.S., Cell and Developmental Biology**

University of Rochester  
Rochester, NY

**M.D.**

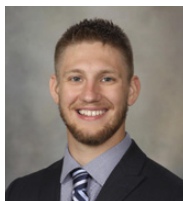
Mayo Clinic Alix School of Medicine  
Rochester, MN

**Ph.D., Clinical and Translational Science**

Advisor: Kendall H. Lee, M.D., Ph.D.  
Thesis: Technology To Enable  
Closed-Loop Neurochemical  
Control in Deep Brain Stimulation

**Position**

Neurological Surgery Resident  
Johns Hopkins Hospital  
Baltimore, MD



**KENDALL JAMES SCHICK**

**B.S., Biology**

Concordia University  
Seward, NE

**Ph.D., Molecular Pharmacology and  
Experimental Therapeutics**

Advisor: Saad J. Kenderian, M.B., Ch.B.  
Thesis: Development of an  
Optimized CAR-T Cell Therapy for  
Advanced Thyroid Cancers



**JONATHAN M. SCOTT\***

**B.S., Bioengineering**

Washington State University  
Pullman, WA

**M.D.**

Mayo Clinic Alix School of Medicine  
Rochester, MN

**Ph.D., Biomedical Engineering  
and Physiology**

Advisors: Richard L. Ehman, M.D.  
and Matthew C. Murphy, Ph.D.  
Thesis: A Machine Learning Inversion  
Framework for Brain Magnetic  
Resonance Elastography

**Positions**

Medicine - Preliminary Resident  
Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN  
Radiology - Diagnostic Resident  
Hospital of the University of Pennsylvania  
Philadelphia, PA



**JOHN RICHARD STRIKWERDA\***

**B.S., Chemistry**

Calvin University  
Grand Rapids, MI

**M.D.**

Mayo Clinic Alix School of Medicine  
Rochester, MN

**Ph.D., Biomedical Engineering  
and Physiology**

Advisor: Steven M. Sine, Ph.D.  
Thesis: A Conserved Intramembrane  
Salt Bridge in the Muscle Nicotinic  
Acetylcholine Receptor Controls  
Channel Gating, Ion Permeation  
and Their Coupling

**Positions**

Surgery - Preliminary Resident  
Radiology - Diagnostic Resident  
Mayo Clinic School of Graduate  
Medical Education  
Rochester, MN



**MARISSA ANNE SUCHYTA**

**B.A., Biology**

Harvard University  
Cambridge, MA

**Ph.D., Clinical and Translational Science**

Advisor: Samir Mardini, M.D.  
Thesis: Building the Bionic Face:  
Creation of a Facial Nerve Pacemaker

**Position**

Medical Student  
University of Texas Medical Branch  
Galveston, TX

\*denotes M.D.-Ph.D. dual degree program

# Doctor of Philosophy



**ZACHARIAH PETER TRITZ**

**B.S., Chemistry**

St. Olaf College  
Northfield, MN

**Ph.D., Biochemistry and  
Molecular Biology**

Advisor: Aaron J. Johnson, Ph.D.  
Thesis: MHC Class I Dependent  
and Independent T Cell Responses  
To Central Nervous System Insults:  
Studies in an Experimental Glioma  
and Theiler's Virus Systems

**Position**

Assistant Professor  
Immunology  
University of Wisconsin  
La Crosse, WI



**SIERRA A. WALKER**

**B.A., Chemistry**

North Dakota State University  
Fargo, ND

**Ph.D., Biochemistry and  
Molecular Biology**

Advisors: John A. Copland, III Ph.D.  
and Joy Wolfram, Ph.D.  
Thesis: Medical Applications of  
Extracellular Vesicles: Storage,  
Drug Delivery, Pathological Process  
and Diagnostics



**MANLING XIE**

**MBBS, Preventative Medicine**

Tongji Medical College, Huazhong  
University of Science and Technology  
Wuhan  
China

**Ph.D., Neuroscience**

Advisor: LongJun (Long-Jun) Wu, Ph.D.  
Thesis: The Roll of Microglia Trem2 in  
TDP-43 Related Neurodegeneration

**Position**

Research Fellow  
Mayo Clinic  
Neurology  
Rochester, MN

# Master in Biomedical Sciences



## RACHEL M. BRAMBLET

### B.A., Biochemistry

Transylvania University  
Lexington, KY

### D.O.

Virginia College of Osteopathic Medicine  
Blacksburg, VA

### M.S., Clinical and Translational Science

Advisor: Jamie N. Bakkum-Gamez, M.D.  
Thesis: Lynch Syndrome and Endometrial Cancer: Evaluating Cancer Risk Perceptions, Screening Practices and Detection of Methylated DNA Markers for Early Identification of Endometrial Cancer

### Position

Gynecologic Oncologist  
TriHealth  
Cincinnati, OH



## DAVID ALEXANDRE JOSEPH CAMPEAU

### B.S., Electrical Engineering and Computer Science

Massachusetts Institute of Technology  
Cambridge, MA

### M.T.S., Biotechnology and Ethics

Pontifical John Paul II Institute at the Catholic University of America  
Washington, DC

### M.S., Biomedical Engineering and Physiology

Advisor: James G. Pipe, Ph.D.  
Thesis: Improvements in an Ultra-Short TE MRI Sequence Called FLORET

### Position

Philosophy and Theology Student  
Catholic University of America  
Washington, DC



## SVETLANA HERASEVICH

### M.D.

Belarusian State Medical University  
Minsk  
Belarus

### M.S., Clinical and Translational Science

Advisor: Brian W. Pickering, M.B., B.Ch.  
Thesis: Who Needs Clinician Attention First? Digital Health Strategies to Support Clinician-Led Critically Ill Patient Population Management

### Position

Research Associate  
Mayo Clinic  
Rochester, MN



## VIDHU BHARDWAJ JOSHI

### B.S., Genetics

University of Western Ontario  
London, ON  
Canada

### M.S., Biochemistry and Molecular Biology

Advisor: Gina Razidlo, Ph.D.  
Thesis: The Cell Biology of Metastatic Dissemination in Pancreatic Cancer

### Position

J.D. Candidate  
Charles Widger '73 Leadership Scholar  
Villanova University  
Charles Widger School of Law  
Villanova, PA



## AMOS LAL

### MBBS

Christian Medical College  
Vellore, Tamil Nadu  
India

### M.D.

Saint Vincent Hospital  
Worcester, MA

### M.S., Clinical and Translational Science

Advisor: Ognjen Gajic, M.D.  
Thesis: Critical Care Coaching with an Electronic Health Record "Digital Twin"

### Position

Senior Associate Consultant  
Mayo Clinic  
Division of Pulmonary and Critical Care Medicine  
Rochester, MN



## JEFFREY MARSH

### B.S., Bioengineering

University of Illinois  
Chicago, IL

### M.S., Biomedical Engineering and Physiology

Advisor: Shuai Leng, Ph.D.  
Thesis: The Impact of Deep Learning and Convolutional Neural Networks on Computed Tomography Image Denoising and Dose Reduction

### Position

Senior Engineer  
Mayo Clinic  
Rochester, MN



# Master in Biomedical Sciences



## NICHOLAS MCKENNA

### **B.A., Biology, Anthropology**

Washington University in St. Louis  
St. Louis, MO

### **M.D.**

University of Central Florida  
College of Medicine  
Orlando, FL

### **M.S., Clinical and Translational Science**

Advisor: Elizabeth B. Habermann, Ph.D.  
Thesis: Development and Validation of  
A Risk Score to Aid Decision Making  
in the Use of a Temporary Stoma  
After Left-Sided and Low Anterior  
Colorectal Resections

### **Position**

Colon and Rectal Surgery Resident  
Mayo Clinic  
Rochester, MN



## TAYLOR LEE MCNEELY

### **B.A., Biology**

Bucknell University  
Lewisburg, PA

### **M.S., Biochemistry and Molecular Biology**

Advisor: Darren J. Baker, Ph.D., M.S.  
Thesis: The Impact of Senescence  
in Traumatic Brain Injury

### **Position**

Research Clinical Assistant  
American Oncology Network  
Messino Cancer Centers  
Asheville, NC



## COLLEEN MARIE MILLER

### **B.S., Nutrition**

Ohio State University  
Columbus, OH

### **M.D.**

Ohio State University  
Columbus, OH

### **M.S., Reproductive Endocrinology, and Infertility**

Advisor: Elizabeth (Ebbie) A.  
Stewart, M.D.  
Thesis: Platelet-Derived Exosomes  
Induce Cell Proliferation and Wound  
Healing in Human Endometrial Cells

### **Position**

Reproductive Endocrinologist  
Tennessee Fertility Institute  
Franklin, TN



## ARWA MOHAMMAD

### **M.D.**

University of Missouri  
Columbia, MO

### **M.S., Clinical and Translational Science**

Advisor: William A. Cliby, M.D.  
Thesis: Ability of Current Grading  
Systems to Reflect the Severity  
and Clinical Impact of Surgical  
Complications in Advanced Stage  
Ovarian Cancer: Assessment and  
Time for a New Approach

### **Position**

Attending Physician and  
Clinical Instructor  
University of Missouri  
Columbia, MO



## LESTER W. MYERS (BISHOP)

### **B.S., Biology**

William Paterson University  
of New Jersey  
Wayne, NJ

### **M.S., Biochemistry and Molecular Biology**

Advisor: Clifford D. Folmes, Ph.D.  
Thesis: The Use of Extracellular  
Vesicles (EVs) in Regenerative  
Medicine: A Move Towards Cell-  
Derived EV-Based Therapeutics and  
Their Use as Novel Biomarkers

### **Position**

Transactional Navigator  
Mayo Clinic  
Center for Regenerative  
Biotherapeutics  
Phoenix, AZ



## ALFRED DENNYSON NELSON

### **M.B.B.S.**

Government Vellore Medical College  
Tamil Nadu  
India

### **M.S., Clinical and Translational Science**

Advisor: Victoria Gomez, M.D.  
Thesis: Pancreatic Steatosis and  
Post-Operative Pancreatic Fistula

### **Position**

Gastroenterology Hospitalist  
Advent Health  
Orlando, FL

# Master in Biomedical Sciences



## AARON RONALD OWEN

### B.S., Biochemistry

University of Central Arkansas  
Conway, AR

### M.D.

University of Arkansas for Medical  
Sciences  
Little Rock, AR

### M.S., Orthopedics

Advisor: Matthew P. Abdel, M.D.  
Thesis: Biomechanical, Histological,  
and Molecular Characterization of  
a New Post-Traumatic Model of  
Arthrofibrosis in Rats

### Position

Orthopedics Resident  
Mayo Clinic  
Rochester, MN



## TAL PALATTIA

### B.S., Industrial Engineering and Management

Ben-Gurion University of the Negev  
Beer Sheva  
Israel

### M.S., Biomedical Engineering and Physiology

Advisor: Gregory A. Worrell, M.D., Ph.D.  
Thesis: Review of Standard  
Terminology in Epilepsy Research and  
Translation into a Machine-Readable  
Format

### Position

Research Engineer  
Mayo Clinic  
Multimodal Neuroimaging Laboratory  
Rochester, MN



## RUBIN RAJU

### MBBS

University of Delhi  
Delhi  
India

### M.S., Female Pelvic Medicine and Reconstructive Surgery

Advisor: John A. Occhino, M.D., M.S.  
Thesis: Transcutaneous Electric  
Nerve Stimulation for Pain Control  
During Office Intra-Detrusor  
OnabotulinumtoxinA Cystoscopy  
Injection for Overactive Bladder:  
A Randomized Controlled Trial

### Position

Urogynecologist  
Sarasota OB/GYN Associates  
Sarasota, FL



## IORELLA ENID REYES-BAEZ

### B.S., Biology

University of Puerto Rico  
Mayaguez, PR

### M.D.

Universidad Central del Caribe  
Bayamon, PR

### M.S., Clinical and Translational Science

Advisor: Andrea Mariani, M.D., M.S.  
Thesis: Endometrial Clear Cell  
Carcinoma: Evaluation of Molecular  
and Histologic Predictors of Prognosis

### Position

Gynecologist Oncologist  
Gyn Onco Group and  
University of Puerto Rico  
Comprehensive Cancer Center  
San Juan, PR



## SHAYLA STEEDS

### B.A., Music Performance

Bemidji State University  
Bemidji, MN

### D.D.S.

University of Minnesota  
School of Dentistry  
Minneapolis, MN

### M.S., Periodontics

Advisor: Miao Xian (Cindy)  
Zhou, D.M.D., M.S.  
Thesis: Risk of Dental Implant  
Failure with Obesity

### Position

Chief Periodontics Resident  
Mayo Clinic  
Department of Dental Specialties  
Rochester, MN



## KELLY M. SURALIK

### B.A., Chemistry

Middlebury College  
Middlebury, VT

### M.S., Chemistry

University of Wisconsin  
Madison, WI

### D.M.D.

Harvard School of Dental Medicine  
Boston, MA

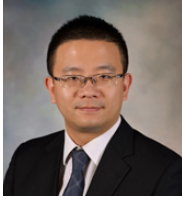
### M.S., Biomedical Sciences

Advisor: Sarah K.Y. Lee, D.D.S., M.S.  
Thesis: Evaluation of the Quality  
of External Laboratory 3D Printing  
in Dental Applications

### Position

Advanced Prosthodontics Resident  
Mayo Clinic  
Rochester, MN

# Master in Biomedical Sciences



**HANYIN WANG**

**M.B.B.S.**

Peking University  
Beijing  
China

**M.D.**

Peking University  
Beijing  
China

**M.S., Clinical and Translational Science**

Advisor: Wei Ding, M.B.B.S., Ph.D.  
Thesis: Transcriptomic and Genomic  
Signatures of Richter's Syndrome in  
The Era of Targeted Therapies

**Position**

Hospitalist Physician  
Mayo Clinic Health System  
Mankato, MN



**ELIZABETH PARTRIDGE WELLINGS**

**B.S., Mechanical Engineering**

University of Florida  
Gainesville, FL

**M.Eng., Biomedical Engineering**

Cornell University  
Ithaca, NY

**M.D.**

University of Central Florida  
Orlando, FL

**M.S., Orthopedics**

Advisor: Matthew T. Houdek, M.D.  
Thesis: Intrinsic Tendon Regeneration  
Following Application of Purified  
Exosome Product: An In-Vivo Study

**Position**

Orthopedic Trauma Fellow  
Emory University  
Atlanta, GA



**LAUREN K. WRIGHT**

**B.S., Biology**

Indiana University  
Bloomington, IN

**D.D.S.**

Indiana University School of Dentistry  
Indianapolis, IN

**M.S., Orthodontics**

Advisor: Subha Giri, B.D.S., M.S.  
Thesis: Comparison of the Maxillary  
Transverse Dimension with Pediatric  
Obstructive Sleep Apnea Presence  
and Severity

**Position**

Orthodontic Resident  
Mayo Clinic  
Dental Specialties  
Rochester, MN



**ERIC ALAN ZIMMERMAN ZUCKERMAN**

**B.A., Human Developmental  
and Regenerative Biology**

Harvard University  
Cambridge, MA

**M.S., Molecular Pharmacology and  
Experimental Therapeutics**

Advisor: Allan B. Dietz, Ph.D.  
Thesis: The Transcriptomics of  
Osteogenesis from Mesenchymal  
Stromal Cells

**Position**

Principal Developer  
Mayo Clinic  
Process Innovation Through  
Automation Lab  
Rochester, MN

# Master in Biomedical Sciences

## FAREWELL & THANK YOU FROM MAYO CLINIC GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

As we transition beyond graduate school, we pause to truly thank those who have supported us along this journey.

We hail our families and friends who have provided a lifetime of love and support during our growth as scientists. Thank you so much for your patience and understanding as we navigated this busy and wild journey.

We are forever indebted to our mentors who are champions of education, beacons of optimism in the face of disappointment and brilliant examples of what we hope to become. We appreciate our labmates and classmates who rode the roller coaster with us and the administrators and graduate school leadership who helped us to stay on track. We also thank our gracious benefactors for their continued financial support for our truly unique educational opportunity.

We appreciate the support and encouragement from all of you. It truly takes a village to be successful and achieve our goals.

Our genuine and deep gratitude is extended to all who have helped us through the remarkable Mayo Clinic Graduate School of Biomedical Sciences experience. Please join us in celebrating this important time of transition. We did it!

*Mayo Clinic Graduate School of Biomedical Sciences  
Class of 2023*



**“Science knows no country.”**

William J. Mayo, M.D.

# Minnesota Doctor of Medicine



**STEPHANIE ANAYA**

**B.S., Psychology with Neuroscience**

Yale University  
New Haven, CT

**Residency:**

**Anesthesiology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**LUIS ALEJANDRO ANTEZANA**

**B.S., Evolutionary Anthropology**

Duke University  
Durham, NC

**Residency:**

**Plastic Surgery (Integrated)**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**WHITNEY JO BARHAM\***

**B.S., Chemistry**

Rhodes College  
Memphis, TN

**Ph.D., Immunology**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN

**Residency:**

**Internal Medicine/ABIM Research Path**

Vanderbilt University  
Medical Center  
Nashville, TN



**SUSANNA NILA BASAPPA\***

**B.S., Biochemistry and Biology**

University of San Francisco  
San Francisco, CA

**Ph.D., Clinical and Translational Science**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN

**Residency:**

**Family Medicine**

University of New Mexico  
School of Medicine  
Albuquerque, NM



**ARCHIS RAMKRISHNA BHANDARKAR**

**B.S., Biological Engineering and  
Electrical Engineering**

Massachusetts Institute  
of Technology  
Cambridge, MA

**Residency:**

**Neurological Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**MICHAEL DAVID BRANDT**

**B.A., Biology**

Augustana University  
Sioux Falls, SD

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN

\*denotes M.D.-Ph.D. dual degree program

# Minnesota Doctor of Medicine



**PATRICK S. BRENNAN**

**B.S., Microbiology**

The Ohio State University  
Columbus, OH

**Residency:**

**Internal Medicine**

Abbott Northwestern Hospital  
Minneapolis, MN



**LAUREN NICHOLE BRESLIN**

**B.S., Biology**

University of North Carolina  
Chapel Hill, NC

**M.S., Science of Healthcare Delivery**

Arizona State University  
Phoenix, AZ

**Residency:**

**Internal Medicine**

University of Colorado  
School of Medicine - Denver  
Aurora, CO



**KIRAN (KIMI) CHAUHAN**

**B.S., Biomedical Engineering**

University of California  
Merced, CA

**M.S., Translational Medicine**

University of California  
Berkeley, CA

**Residencies:**

**Transitional**

Gundersen Lutheran  
Medical Foundation  
La Crosse, WI

**Radiation Oncology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**GABRIELLE ALEXANDRIA CUMMINGS**

**B.S., Psychology**

Clemson University  
Clemson, SC

**Residency:**

**Psychiatry**

University of North Carolina Hospitals  
Chapel Hill, NC



**SAIGE ANDREA DANIEL**

**A.B., Human Evolutionary Biology**

Harvard University  
Cambridge, MA

**Residency:**

**Internal Medicine**

University of California  
San Francisco, CA



**NEHA NITISHA DEO**

**B.Sc., Biology**

University of British Columbia  
Vancouver, BC  
Canada

**Residency:**

**Medicine - Preliminary**

Massachusetts General Hospital  
Boston, MA

# Minnesota Doctor of Medicine



**STEVEN M. DOTZLER\***

**B.A., ACS Chemistry and Biology**

Concordia College  
Moorhead, MN

**Ph.D., Molecular Pharmacology  
and Experimental Therapeutics**

Mayo Graduate School of  
Biomedical Science  
Rochester, MN

**Residency:**

**Anesthesiology**

Mayo Clinic School of Graduate  
Medical Education  
Rochester, MN



**SAMUEL FRANCIS EKSTEIN**

**B.S., Biology**

University of Wisconsin  
Madison, WI

**M.S., Science of Healthcare Delivery**

Arizona State University  
Phoenix, AZ

**Residencies:**

**Transitional**

Geisinger Health System  
Bloomsburg, PA

**Dermatology**

HonorHealth  
Scottsdale, AZ



**MADISON ESTELL CRUME**

**B.S., Spanish**

Hillsdale College  
Hillsdale, MI

**Residency:**

**Psychiatry**

Pine Rest Christian  
Mental Health Services  
Grand Rapids, MI



**SHANE KENNETH FORD**

**B.S., Biochemistry**

Stony Brook University  
Stony Brook, NY

**Residency:**

**Anesthesiology**

Dartmouth-Hitchcock  
Medical Center  
Lebanon, NH



**JOHN GWEUN**

**B.A., Business Economics**

University of California  
Los Angeles, CA

**Residency:**

**Internal Medicine**

Olive View -  
UCLA Medical Center  
Sylmar, CA



**JOHN BLADE HARGISS**

**B.S., Physiology and  
Developmental Biology**

Brigham Young University  
Provo, UT

**Residency:**

**General Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Jacksonville, FL

\*denotes M.D.-Ph.D. dual degree program

# Minnesota Doctor of Medicine



**JEFFREY JELTEMA**

**B.A., Biology Health Professions  
and Chemistry**

Northwestern College  
Orange City, IA

**Residency:**

**Anesthesiology**

University of Iowa  
Hospitals and Clinics  
Iowa City, IA



**ALEXA SOARES JENSEN**

**B.S., Biochemistry**

University of Massachusetts Amherst  
Amherst, MA

**B.S., Psychology**

University of Massachusetts  
Amherst, MA

**Residency:**

**Pediatrics**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**JOSIANE JOSEPH\***

**B.S., Biology**

University of Florida  
Gainesville, FL

**A.A., Business Administration**

Miami Dade College  
Miami, FL

**Ph.D., Clinical and Translational Science**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN

**Residency:**

**General Surgery**

University of Florida College of  
Medicine - Shands Hospital  
Gainesville, FL



**NAZANIN KAZEMI-BUTTERFIELD\***

**B.S., Chemistry and Biology**

University of Missouri-Kansas City  
Kansas City, MO

**Ph.D., Immunology**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN

**Residency:**

**Pediatrics**

University of Colorado  
School of Medicine - Denver  
Aurora, CO



**MARIAM KYARUNTS**

**B.S., Biology**

Stanford University  
Stanford, CA

**B.A., Anthropology**

Stanford University  
Stanford, CA

**Residency:**

**Psychiatry**

Medical College of Georgia  
Augusta, GA



**KARINA ANNA LENARTOWICZ**

**BM.Sc., Honours Specialization  
in Pathology**

The University of Western Ontario  
London, ON  
Canada

**Residency:**

**Orthopaedic Surgery**

University of Toronto  
Toronto, ON

\*denotes M.D.-Ph.D. dual degree program



# Minnesota Doctor of Medicine



**DERRICK B. LEWIS**

**B.A., Physics**

Boston University  
Boston, MA

**M.S., Medical Sciences**

Boston University School of Medicine  
Boston, MA

**Residency:**

**Neurological Surgery**

University of Florida College of  
Medicine - Shands Hospital  
Gainesville, FL



**DANIEL LINDBERG\***

**B.S., Biology**

University of Virginia  
Charlottesville, VA

**B.A., Neuroscience**

University of Virginia  
Charlottesville, VA

**Ph.D., Neuroscience**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN



**LIANG YEN (LARRY) LIU**

**B.S., Biology**

University of California  
Los Angeles, CA

**Residencies:**

**Transitional**

Scripps Mercy Hospital  
San Diego, CA

**Radiology - Diagnostic**

University of California  
San Francisco, CA



**LAURA MACIEJKO**

**B.A., Biochemistry and  
Molecular Biology**

Boston University  
Boston, MA

**Residency:**

**Urology**

Boston Medical Center  
Boston, MA



**VALERIE ALEXANDRA MELSON**

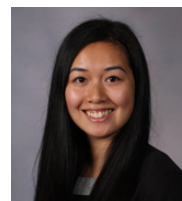
**B.S., Neuroscience**

Lafayette College  
Easton, PA

**Residency:**

**Obstetrics and Gynecology**

University of North Carolina Hospitals  
Chapel Hill, NC



**CECILIA MITCHELL**

**B.Kin., Kinesiology and Health Sciences**

University of British Columbia  
Vancouver, BC  
Canada

**Residencies:**

**Transitional**

Gundersen Lutheran  
Medical Foundation  
Lacrosse, WI

**Physical Medicine and Rehabilitation**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN

\*denotes M.D.-Ph.D. dual degree program

# Minnesota Doctor of Medicine



**DILEEP DANIEL MONIE\***

**B.A., Biology**

Harvard University  
Cambridge, MA

**Ph.D., Immunology**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN

**Residency:**

**Neurological Surgery**

Montefiore Medical Center -  
Albert Einstein College of Medicine  
Bronx, NY



**BARBARA LOUISE MULLEN**

**B.S.A.E., Architectural Engineering**

University of Nebraska-Omaha  
Omaha, NE

**B.S., Molecular and Biomedical Biology**

University of Nebraska-Omaha  
Omaha, NE

**Residency:**

**Plastic Surgery (Integrated)**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**BRENNA MARIE MURPHY**

**B.S., Psychobiology**

University of California  
Los Angeles, CA

**Residency:**

**Internal Medicine**

Stanford Health Care  
Stanford, CA



**REVEREND ROBERT LOREN OWEN**

**B.S., Biology**

Middle Tennessee State University  
Murfreesboro, TN

**Dip., Pastoral Ministry**

Life School of Ministry - New Song  
Christian Fellowship  
Brentwood, TN

**Residency:**

**Anesthesiology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**LINDY PENCE\***

**B.S., Biology**

Wofford College  
Spartanburg, SC

**Ph.D., Biochemistry and  
Molecular Biology**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN

**Residency:**

**Pediatrics**

Cincinnati Children's Hospital  
Medical Center  
Cincinnati, OH



**YULIYA PETUKHOVA**

**B.S., Biology**

University of Utah  
Salt Lake City, UT

**D.D.S.**

University of Utah School of Dentistry  
Salt Lake City, UT

**Residency:**

**Oral and Maxillofacial Surgery**

Mayo Clinic  
Rochester, MN

\*denotes M.D.-Ph.D. dual degree program

# Minnesota Doctor of Medicine



## **SOFIA RAEI**

### **B.S., Biology**

Metropolitan State  
University of Denver  
Denver, CO

### **B.A., Chemistry**

Metropolitan State  
University of Denver  
Denver, CO

### **Residency:**

#### **Neurology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



## **SANJNA RAJPUT**

### **B.S., Life Sciences**

Queen's University  
Kingston, ON  
Canada

### **Residency:**

#### **Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



## **AARON ELLIOTT RUSHEEN\***

### **B.S., Cell and Developmental Biology**

University of Rochester  
Rochester, NY

### **Ph.D., Clinical and Translational Science**

Mayo Clinic Graduate School of  
Biomedical Sciences  
Rochester, MN

### **Residency:**

#### **Neurological Surgery**

Johns Hopkins Hospital  
Baltimore, MD



## **ALEXANDER SCHMIDT**

### **B.S., Biology**

James Madison University  
Harrisonburg, VA

### **Residency:**

#### **Internal Medicine**

Oregon Health and  
Science University  
Portland, OR



## **JONATHAN M. SCOTT\***

### **B.S., Bioengineering**

Washington State University  
Pullman, WA

### **Ph.D., Biomedical Engineering and Physiology**

Mayo Graduate School of  
Biomedical Science  
Rochester, MN

### **Residencies:**

#### **Medicine - Preliminary**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN

#### **Radiology - Diagnostic**

Hospital of the University  
of Pennsylvania  
Philadelphia, PA



## **HARSH NITIN SHAH**

### **B.S., Biology**

University of Alabama  
Birmingham, AL

### **M.P.H., Health Care Organization and Policy**

University of Alabama  
Birmingham, AL

### **M.S., Stem Cell Biology and Regenerative Medicine**

Stanford University  
Stanford, CA

### **Residencies:**

#### **Medicine - Preliminary**

California Pacific Medical Center  
San Francisco, CA

#### **Radiology - Diagnostic**

Icahn School of Medicine Mount Sinai  
Morningside – West  
New York, NY

\*denotes M.D.-Ph.D. dual degree program

# Minnesota Doctor of Medicine



**RUBY SIADA**

**B.S., Biopsychology**

University of Michigan  
Ann Arbor, MI

**Residency:**

**Pediatrics**

University of Michigan  
Hospitals - Ann Arbor  
Ann Arbor, MI



**VIVEK SOMASUNDARAM**

**B.S., Biomedical Engineering**

University of North Carolina  
Chapel Hill, NC

**Residency:**

**Transitional**

Scripps Mercy Hospital  
San Diego, CA

**Interventional Radiology (Integrated)**

University of North Carolina Hospitals  
Chapel Hill, NC



**JOHN RICHARD STRIKWERDA\***

**B.S., Chemistry**

Calvin University  
Grand Rapids, MI

**Ph.D., Biomedical Engineering  
and Physiology**

Mayo Graduate School of  
Biomedical Science  
Rochester, MN

**Residencies:**

**Surgery - Preliminary**

**Radiology - Diagnostic**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**DIVYA TAKKELAPATI**

**B.S., Biology**

University of Cincinnati  
Cincinnati, OH

**B.A., French**

University of Cincinnati  
Cincinnati, OH

**Residency:**

**Internal Medicine**

University of Washington  
Affiliated Hospitals  
Seattle, WA



**LAUREL TANKE**

**B.S., Biology and Psychology**

University of Florida  
Gainesville, FL

**Residencies:**

**Medicine - Preliminary**

McGaw Medical Center of  
Northwestern University VA-IL  
Chicago, IL

**Neurology**

McGaw Medical Center of  
Northwestern University VA-IL  
Chicago, IL



**CONNOR D. WALSH**

**B.S., Biomedical Engineering**

University of Miami  
Coral Gables, FL

**M.H.Sc., Clinical Engineering**

University of Toronto  
Toronto, ON  
Canada

**Residency:**

**Internal Medicine**

University of Washington  
Affiliated Hospitals  
Seattle, WA

\*denotes M.D.-Ph.D. dual degree program

# Minnesota Doctor of Medicine



**KIMBERLY WANG**

**B.S., Neuroscience**

Johns Hopkins University  
Baltimore, MD

**Residency:**

**Neurology**

Oregon Health and  
Science University  
Portland, OR



**JONIKA WEERASEKARE**

**B.S., Molecular Genetic**

University of California  
Los Angeles, CA

**Residency:**

**Internal Medicine**

University of California  
Davis Medical Center  
Sacramento, CA



**CATHERINE MARIE WROCLAWSKI**

**B.S., Biology**

Rensselaer Polytechnic Institute  
Troy, NY

**D.M.D.**

University of Pennsylvania  
School of Dental Medicine  
Philadelphia, PA

**Residency:**

**Oral and Maxillofacial Surgery**

Mayo Clinic  
Rochester, MN



**KATHERINE ZHUANG XIE**

**B.S., Bioengineering**

University of Illinois at Chicago  
Chicago, IL

**Residency:**

**Otolaryngology**

University of Minnesota  
Medical School  
Minneapolis, MN



**CATHERINE D. YANG**

**B.S., Biology**

Duke University  
Durham, NC

**Residency:**

**Obstetrics and Gynecology**

Inova Fairfax Hospital  
Falls Church, VA



**JENNY JOOHEE YOON**

**B.S., Microbiology**

University of Rochester  
Rochester, MN

**M.S., Science of Healthcare Delivery**

Arizona State University  
Phoenix, AZ

**Residencies:**

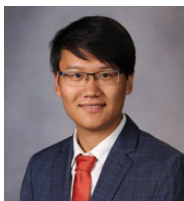
**Medicine - Preliminary**

MedStar Union Memorial Hospital  
Baltimore, MD

**Anesthesiology**

Johns Hopkins Hospital  
Baltimore, MD

# Minnesota Doctor of Medicine



**CLARK ZHENG**

**Sc.B., Chemical Biology**

Brown University  
Providence, RI

**Residency:**

**General Surgery**

Brown University  
Rhode Island Hospital  
Providence, RI

# Minnesota Doctor of Medicine

## FAREWELL & THANK YOU FROM MAYO CLINIC ALIX SCHOOL OF MEDICINE IN MINNESOTA

The Mayo Clinic Alix School of Medicine Class of 2023 would like to express our sincere gratitude to the innumerable individuals who have enhanced and guided us along our journey to become physicians.

First, to the patients of Mayo Clinic — thank you for allowing us to work to become truly worthy of caring for you during your most vulnerable moments. In our four years, you have taught us about showing up for the needs of patients more than any textbook ever could.

Second, to the Mayo Clinic faculty, consultants, fellows and residents who have guided our development from medical students to physicians — thank you for establishing medical excellence as the bare minimum and for simultaneously imbuing us with the Mayo Clinic values of integrity, compassion, patient-centered care and collaboration. Thank you for modeling what it means to be a physician and for preparing us for the challenges that await.

Third, to the MCASOM deans, staff and administrators — thank you for working tirelessly to attend to the behind-the-scenes details that ensured our education ran smoothly. With your guidance, we adapted to COVID-19, virtual learning and interviews and every challenge in between. Thank you for the psychological safety of knowing you were in our corners and working in many unseen ways to support and uplift our dreams of becoming physicians.

Next, to the benefactors of Mayo Clinic — thank you for helping to ensure that MCASOM had the resources to offer us a world-class education. We appreciate your generosity and commitment to our medical education.

To our fellow students — thank you for your profound impact on our medical education and growth as both physicians and human beings. We are better for the diversity of opinions, lived experiences and interests within our class and honestly could not have survived this journey without each other.

Finally, to our family and friends — thank you for enduring this journey with us and keeping us motivated at crucial moments. Thank you for being so patient with us. You have made many sacrifices to be with us, to be available when we need you and to support our dreams.

“I look through a half opened door into the future, full of interest, intriguing beyond my power to describe...”

WILLIAM J. MAYO, M.D.



We accomplished our dreams and arrived at today's success because each and every one of you remained steadfast in your support of us. Today — because of that support, patience and encouragement — we graduate. Today, we become physicians, but you are the unsung heroes. It is not lost on us that we would not have arrived here today without you.

*Mayo Clinic Alix School of Medicine  
Minnesota Class of 2023*





# 2023 Awards

**Mayo Clinic Graduate School of Biomedical Sciences**



# Awards

## Mayo Clinic Graduate School of Biomedical Sciences

### ABOUT THE AWARDS

#### Dean's Recognition Awards

Dean's Recognition Award recipients are chosen by the leadership of Mayo Clinic Graduate School of Biomedical Sciences. Recipients exemplify exceptional service to graduate school education.

#### Teacher of the Year Awards

Each year the graduate students select faculty members to receive Teacher of the Year Awards. The awards are given to faculty members who have made significant contributions to graduate student education.

#### Outstanding Mentor Awards

Outstanding Mentor Award recipients are chosen by the Mayo Clinic Graduate School of Biomedical Sciences predoctoral students to recognize effective mentors. Mentorship refers to the facilitation of individual student success and independence by providing appropriate tools and promoting skill learning in a mutually respectful environment with open communication. Effective mentors advise and help the mentee develop the numerous skills they need to be scientific leaders.

### DEAN'S RECOGNITION AWARD

Joseph C. Loftus, Ph.D.

Evette S. Radisky, Ph.D.

Anthony J. Windebank, M.D.

### TEACHER OF THE YEAR AWARD

Shuai Leng, Ph.D.

Jeff A. Sloan, Ph.D.

### OUTSTANDING MENTOR AWARD

Kathryn A. Knoop, Ph.D.

Marina R. Walther-Antonio, Ph.D.



“The glory of medicine is that it is constantly moving forward, that there is always more to learn.”

WILLIAM J. MAYO, M.D.

# Awards

## Mayo Clinic Graduate School of Biomedical Sciences



### DEAN'S RECOGNITION AWARD

#### Joseph C. Loftus, Ph.D.

Dr. Loftus is Professor Emeritus of Biochemistry and Molecular Biology at Mayo Clinic College of Medicine and Science and a member of the Department of Cancer Biology. Dr. Loftus was recruited as the seventh basic science investigator at Mayo Clinic Arizona from The Research Institute of Scripps Clinic. During his 26 years at Mayo Clinic Arizona, Dr. Loftus has held many institutional and departmental positions. He served as co-leader of the Neuro-Oncology Program at Mayo Clinic Cancer Center. He served for over 10 years as Associate Dean for the Mayo Graduate School of Biomedical Sciences Arizona and as Associate Dean for the Mayo Clinic M.D.-Ph.D. Program Arizona where he played a formative role in establishing the program on the Arizona campus. He also worked to establish the Special Research Student program for Arizona State University undergraduates to work in Mayo Clinic laboratories.

Dr. Loftus's studies focused on the role of integrin-mediated adhesion and signaling in the regulation of cell migration and cell growth. The long-term goal of his research was to develop effective therapies for the treatment of glioblastoma, the most common form of primary brain tumor, while providing insights into improved clinical management across a broad range of invasive cancers. His research was funded by the National Institutes of Health (NIH), National Cancer Institute, and Mayo Clinic. Dr. Loftus has mentored 37 graduate students, postdoctoral fellows, residents, and undergraduate research fellows. He has received multiple awards and honors, including the American Heart Association Established Investigator Award, and was named a 2017 Mayo Clinic Investigator of the Year. He has served on numerous NIH Scientific Review Study Sections and is a member of many national and international professional organizations.



### DEAN'S RECOGNITION AWARD

#### Evette S. Radisky, Ph.D.

Dr. Radisky joined Mayo Clinic in 2005 after completing her Ph.D. in chemistry at the University of Utah and postdoctoral training in molecular and cell biology at the University of California, Berkeley. She is a consultant in the Department of Cancer Biology, a Professor of Cancer Biology and of Pharmacology in the Mayo Clinic College of Medicine and Science, and a Professor of Biology at the University of North Florida. She leads an NIH-funded laboratory research program focused on identifying and therapeutically targeting secreted proteases that are drivers of cancer progression and metastasis. Dr. Radisky's dedication to education is exemplified by her mentorship of over 70 trainees, including high school, undergraduate, graduate, postdoctoral and junior faculty mentees. Her passion for mentoring extends beyond her laboratory and department and into the broader academic community at Mayo Clinic, where she has served as Associate Dean for

the Mayo Clinic Graduate School of Biomedical Sciences (MCGSBS) since 2019. In this role, she provides oversight to the nearly 50 Ph.D. students and 100 faculty members of MCGSBS on the Mayo Clinic Florida campus. From 2014-2019, Dr. Radisky served as the Florida director for the Summer Undergraduate Research Program of MCGSBS. Dr. Radisky serves as the Mayo Clinic site PI on a recently awarded NIH T34 U-RISE training grant, collaborating with colleagues at the University of North Florida to offer mentoring and research training opportunities for undergraduates from underrepresented backgrounds. Her dedication to promoting diversity in biomedical research is a testament of her commitment to creating a supportive and inclusive environment for all aspiring scientists. Her passion for mentoring, dedication to education and research accomplishments make her a valuable asset to the academic community.

# Awards

## Mayo Clinic Graduate School of Biomedical Sciences



### DEAN'S RECOGNITION AWARD

#### Anthony J. Windebank, M.D.

Dr. Windebank is a professor of neurology at Mayo Clinic in Rochester, Minnesota. He earned B.A. and M.A. degrees in biochemistry and a B.M.B.Ch. degree from the University of Oxford in England, and completed postdoctoral training at the University of Oxford College of Medicine, Mayo Clinic and Washington University in St. Louis. Dr. Windebank served as the dean of Mayo Graduate School from 1992 to 1998 and the dean of Mayo Medical School from 1998 until 2005. Since 2005, he has been involved in the development and leadership of the Center for Clinical and Translational Science and the Center for Regenerative Biotherapeutics at Mayo Clinic. A neurologist who specializes in the diagnosis and treatment of patients with diseases of the peripheral nervous system and spinal cord, Dr. Windebank has been involved in designing or conducting more than 50 clinical

trials and clinical studies since 1980. Dr. Windebank is a fellow of the American Academy of Neurology, the Royal College of Physicians, the American Neurological Association and a member of the Society for Neuroscience. He has served on multiple other boards and associations. He is also past president of the Peripheral Nerve Society. Additionally, Dr. Windebank is a scientific reviewer and editorial board member for numerous journals. He has served on National Institutes of Health study sections and the scientific review panels for a number of foundations. He has published over 650 scholarly articles or abstracts, including more than 250 full-length publications in peer-reviewed journals. Dr. Windebank has been recognized with a number of Mayo, national and international awards, including the Mayo Clinic Distinguished Educator Award and two MCGSBS Teacher of the Year Awards.



### TEACHER OF THE YEAR AWARD

#### Shuai Leng, Ph.D.

Dr. Leng received a B.S. and an M.S. in Engineering from Tsinghua University in Beijing, China. He went on to earn a Ph.D. in Medical Physics, which he received from the University of Wisconsin in 2008. He joined the Mayo Clinic teaching faculty in 2008, and today he serves as a Professor of Medical Physics with the Mayo Clinic College of Medicine and Science, where he has full faculty privileges in Biomedical Engineering and Physiology at Mayo Clinic Graduate School of Biomedical Sciences. Dr. Leng directs the core biomedical imaging course in the BMEP track, which is a rigorous, three-quarter course fundamental in the track. Students appreciate his use of real-world examples and analogies to help them better understand and reinforce the fundamental physics

concepts explored in class. Dr. Leng's excitement and enthusiasm about biomedical imaging — as well as his willingness to answer students' questions — create a positive and productive learning environment. He challenges his students to learn, grow and succeed. He is generous with his time, offering tutorials to students who are pursuing research in computed tomography, and he has coordinated clinical opportunities for students interested in exploring medical physics. His work ethic, dedication and enthusiasm are both admired and commended by the students in the BMEP Track. Dr. Leng's students describe him as being "very hard working," "kind," "intentional," "generous" with his time and always eager to share his knowledge.

# Awards

## Mayo Clinic Graduate School of Biomedical Sciences



### TEACHER OF THE YEAR AWARD

#### Jeff A. Sloan, Ph.D.

Dr. Sloan received a master's degree in Statistics in 1982, and in 1991, he received a doctorate degree from the University of Manitoba. He moved to Rochester in 1995 after accepting a position as Lead Statistician at Mayo Clinic, and he remained at Mayo Clinic for almost 27 years.

Dr. Sloan was a Professor of Biostatistics and a Professor of Oncology. He was a Consultant of the Division of Clinical Trials and Biostatistics, Department of Health Sciences Research; Lead Statistician in the Division of Biomedical Statistics & Informatics, Department of Quantitative Health Sciences; and a Consultant (Joint Appointment) of the Department of Surgery at Mayo Clinic, Rochester in Minnesota. In addition to furthering the

work of many others, Dr. Sloan's research showed that simple single item measures of patient quality of life (QOL) domains can predict duration of survival for cancer patients. This work led to routine incorporation of QOL measures into oncology clinical practice for every patient visit at Mayo. As an enthusiastic educator, Dr. Sloan was adept at engaging learners with his unique passion and distinctive, quirky sense of humor. While he was a brilliant scientist, he was nevertheless approachable to students, always willing to offer guidance and give his time. Dr. Sloan passed away on May 1, 2022. His presence is greatly missed by the graduate school — but his legacy lives on in the students he inspired and impacted.



### OUTSTANDING MENTOR AWARD

#### Kathryn A. Knoop, Ph.D.

Born in Des Moines, Iowa, Dr. Knoop received a B.S. in Biochemistry from Drake University in 2006. She received a Ph.D. from Emory University in Immunology and Molecular Pathogenesis, and she completed her postdoctoral studies at Washington University School of Medicine in Mucosal Immunology. Dr. Knoop joined the teaching faculty at Mayo Clinic in 2019 as an Assistant Professor in the Department of Immunology, with a secondary appointment as an Assistant Professor in the Department of Pediatrics in 2020. Her current laboratory focus explores the implications of maternal regulation of goblet cell-associated antigen passages (GAPs) via epidermal growth factor (EGF) during early life, in the context of bacterial infections and neonatal sepsis. As an internationally recognized mucosal immunologist, Dr. Knoop can collect and disseminate scientific knowledge from across the globe to Mayo's community.

Through didactic lectures, she provides cutting edge information that focuses on mucosal immunology and how the immune system develops from infancy through childhood to adulthood. Through personal mentorships, Dr. Knoop advises multiple students within the lab to develop their scientific research skills. These mentee relationships focus on scientific hypothesis and project development, career development and technical skills. Finally, through interactions with the Pediatrics and Gastrointestinal clinical departments, Dr. Knoop provides a key link between the basic research bench and the clinical setting by circulating primary data from the lab and the lab of others by participating in departmental grand rounds and research seminar series. Her seminar participation fosters clinical collaborations and cultivates shared core knowledge, driving innovative research and clinical practices.



### OUTSTANDING MENTOR AWARD

#### **Marina R. Walther-Antonio, Ph.D.**

Dr. Walther-Antonio completed her undergraduate studies in biology at Universidade de Aveiro, Portugal. As an undergraduate, she joined the NASA Astrobiology Institute (NAI) for a research internship with the Indiana-Princeton-Tennessee Astrobiology Initiative (IPTAI) in the study of the geochemistry and microbiology of the subsurface of Mars and its Earth analogues. She continued her astrobiology work with an M.S. in microbiology at Indiana University and a Ph.D. in environmental sciences at Washington State University on Europa (Jupiter Moon), and Titan (Saturn moon) analogues. She then completed her postdoctoral training at Mayo Clinic as a research fellow in the Microbiome Program, transitioning the evolutionary and ecological microbiome approaches and concepts to the medical field. At Mayo Clinic in Rochester,

Dr. Walther-Antonio serves as an associate consultant in the Department of Surgery, with a joint appointment in the Department of Obstetrics and Gynecology. She is an Assistant Professor in the Microbiome Program within the Center for Individualized Medicine. Her research focuses on the study of the microbiome role in human health and disease, in particular cancer and reproductive health. Her team is dedicated to basic and translational aspects of individualized medicine. As a mentor, Dr. Walther-Antonio is an invaluable source of guidance to learners, providing them the freedom to explore their interests and define their own projects, while also being there to help when needed, instilling confidence and motivation and connecting learners with opportunities to help their education and futures.





# 2023 Awards

**Mayo Clinic Alix School of Medicine**



# Awards

## Mayo Clinic Alix School of Medicine

### ABOUT THE AWARDS

#### Dean's Recognition Awards

Dean's Recognition Awards recipients are chosen by Mayo Clinic Alix School of Medicine leadership. Recipients exemplify exceptional service to medical education.

#### Distinguished Service Awards

Chosen by Mayo Clinic Alix School of Medicine leadership, the Distinguished Service Award recipients are Mayo Clinic Alix School of Medicine educators or leaders who have exemplified exceptional education and service to the medical school over the course of their career.

#### Dean's Diversity and Inclusion Awards

Diversity and Inclusion is a strategic priority at Mayo Clinic as we seek to produce the medical and biomedical workforces of the future. Mayo Clinic Alix School of Medicine is committed to creating an environment that embraces diversity and inclusion for our students and faculty. The recipients of the Dean's Recognition Award for Diversity and Inclusion exemplify exceptional service to the medical school for efforts related to diversity and inclusion.

#### Teaching Excellence Awards

The inaugural Teaching Excellence Award is MCASOM's first award based on MedHub evaluations, and it celebrates the most effective educators as nominated by students. Award recipients scored the highest in the category of overall effectiveness of teaching and had the highest number of nominations for this award.

#### Teacher of the Year Awards

Each year, graduating medical students on each campus select one faculty member to receive the Teacher of the Year Award. The awards are given in recognition of outstanding contributions to undergraduate medical education at Mayo Clinic.

#### Golden Stethoscope Awards

Mayo Clinic Alix School of Medicine third- and fourth-year students select up to three residents or fellows to receive the Golden Stethoscope Award. Recipients are chosen from all Mayo Clinic campuses. Students recognize these residents and fellows for their outstanding commitment to medical student education and for going above and beyond expectations during the students' clinical experiences.

### DEAN'S RECOGNITION AWARD

Amit A. Shah, M.D.  
Pamela A. Mergens, M.D.

### DISTINGUISHED SERVICE AWARD

David L. Dahlen, M.S.  
Scott H. Kaufmann, M.D., Ph.D.  
Bruce F. Horazdovsky, Ph.D.

### DEAN'S DIVERSITY AND INCLUSION AWARD

Young M. Erben, M.D.

### TEACHING EXCELLENCE AWARD

*Arizona*  
Cyril Varghese, M.D., M.S.  
*Florida*  
Jeremy Collado, M.D.  
*Minnesota*  
Eva Morava-Kozicz, M.D., Ph.D.

### TEACHER OF THE YEAR AWARD

*Arizona*  
Douglas E. Rappaport, M.D.  
*Florida*  
Dana Herrigel, M.D.  
*Minnesota*  
Luke T. Hafdahl, M.D.

### GOLDEN STETHOSCOPE AWARD

*Arizona, Fellow*  
Michael B. Bernaba, M.D.  
*Arizona, Residents*  
Jenna H. Meyer, M.D., M.S.  
Ryan A. Dunn, M.D.  
*Florida, Fellow*  
Hannah S. Palin, M.D.  
*Florida, Residents*  
Jamie L. Kaplan, M.D.  
Albert Bui, D.O., Pharm.D.  
*Minnesota, Fellow*  
Nathaniel L. Robinson, M.D.  
*Minnesota, Residents*  
Brandon P. Maddy, M.D.  
Chelsea L. Powell, M.D.

# Awards

## Mayo Clinic Alix School of Medicine



### DEAN'S RECOGNITION AWARD

#### Amit A. Shah, M.D.

Dr. Shah's passion is medical education. He has been significantly involved in Mayo Clinic Alix School of Medicine's Arizona campus with multiple roles since the campus opened. He serves as the George M. and Kristen L. Lund Associate Dean of Student Affairs of the Mayo Clinic Alix School of Medicine. He was previously the Associate Dean for Faculty Affairs and served on the Admissions Committee. He has co-led the longitudinal geriatrics curriculum called Senior Sages and is dedicated to improving the care of older patients by educating the next generation of clinicians. He has been the Editor-in-Chief and Senior Director of the American Geriatrics Society's national case-based curriculum for teaching geriatrics to medical students

and other learners (Aquifer Geriatrics), for which he was awarded the AGS Mid-Career Educator of the Year award in 2018. He was named as a Legacy Level member of the Mayo Clinic Academy of Educational Excellence in 2020. Dr. Shah completed a B.S. in Chemical Engineering at Washington University, an M.D. at Baylor College of Medicine, an Internal Medicine residency at the University of Illinois-Chicago, and a Geriatric Medicine fellowship at Johns Hopkins University. He then spent several years at the University of Texas Southwestern Medical School in Dallas, Texas, where he was also deeply involved in medical education before coming to Mayo Clinic Arizona in 2014.



### DEAN'S RECOGNITION AWARD

#### Pamela A. Mergens, M.D.

Dr. Mergens received a Bachelor of Science in Nursing from the College of St. Benedict in St. Joseph, Minnesota. She attended medical school at the University of Minnesota, and after receiving her degree, she completed an Anesthesiology residency at Mayo Clinic in Rochester. Before returning to Mayo in 2000, Dr. Mergens was a Staff Physician at MeritCare Clinic and North Country Regional Hospital in Bemidji, Minnesota, and a Consultant in Anesthesiology and Chair of the Department of Anesthesiology at Olmsted Medical Group in Rochester. She currently is a Consultant with the Department of Anesthesiology

and Perioperative Medicine at Mayo Clinic in Phoenix, Arizona. She is an Assistant Professor of Anesthesiology at Mayo Clinic College of Medicine and Science, where her educational impact extends to her role as the Associate Dean for Admissions with the medical school. As Associate Dean for Admissions — a position she has held since 2017 — Dr. Mergens is instrumental in maintaining the high standards that make MCASOM one of the top medical schools in the nation. Dr. Mergens has also served as Chair of the Arizona Drug Diversion Committee in addition to numerous departmental leadership positions.

# Awards

## Mayo Clinic Alix School of Medicine



### DISTINGUISHED SERVICE AWARD

#### David L. Dahlen, M.S.

Born and raised in extreme northern Minnesota, Dave Dahlen received his B.A. in History and Social Studies from Bemidji State University and his master's degree in Higher Education Administration from Iowa State University. Dave joined Mayo Clinic in 2001 as the Director of Student Financial Aid and Registrar for Mayo College of Medicine and Science (MCCMS). In 2017, he stepped into his current role of Operations Administrator for the Office of Continuous Accreditation, Licensure and Compliance with MCCMS while continuing his previous Student Financial Aid duties until 2019. In 2018, he expanded his impact at Mayo by becoming an Instructor in Medical Education with MCCMS. He serves as the academic liaison officer between MCCMS and the Higher Learning Commission.

Dave has received numerous statewide, regional, national and Mayo Clinic awards throughout his career, including the Distinguished Service Award from the Minnesota Association of Financial Aid Administrators (MAFAA), the Ginny Dodd's Lifetime Achievement Award from MAFAA, the Certificate of Excellence award from the U.S. Department of Veterans' Affairs, the State Leadership Award from the Midwest Association of Financial Aid Administrators, the Award for Service to Other Constituencies from the National Association of Student Financial Aid Administrators, the inaugural Mayo Fellow's Association's "Fellow's Fellow" award, the Mayo Clinic Excellence Through Teamwork Award in 2019, and the 2020 Dean's Recognition Award from Mayo Clinic Alix School of Medicine.



### DISTINGUISHED SERVICE AWARD

#### Scott H. Kaufmann, M.D., Ph.D.

Dr. Kaufmann received his Bachelor of Arts in Chemistry from Carleton College and his M.D.-Ph.D. from Johns Hopkins University School of Medicine. He remained at Johns Hopkins for his postgraduate training and rose to the rank of associate professor before he joined Mayo Clinic in 1994. Since 1994, Dr. Kaufmann has served as a consultant for the Division of Oncology Research in the Department of Oncology at Mayo Clinic in Rochester. He has been a professor of Pharmacology since 1999 and co-leader of the Mayo Clinic Cancer Center's three-site Experimental Therapeutics Program since 2003. He currently serves on the editorial boards

of Clinical Cancer Research, Molecular Cancer Research, Cell Death & Differentiation, and Faculty Opinions. The overall goal of Dr. Kaufmann's laboratory research program is to improve the therapy of malignant diseases through enhanced understanding of targeted anticancer drugs. Toward this end, his laboratory group has focused on acute leukemia and more recently on ovarian cancer. Dr. Kaufmann has decades of commitment education as a dedicated mentor. His history of mentorship, along with 17 years as associate director of the Mayo Clinic Medical Scientist Training Program (MSTP), led to his appointment as co-director of the MSTP in 2019.

# Awards

## Mayo Clinic Alix School of Medicine



### DISTINGUISHED SERVICE AWARD

#### **Bruce F. Horazdovsky, Ph.D.**

Dr. Horazdovsky received his Bachelor of Arts in Biology from St. Olaf College and his Ph.D. in Molecular Biology from Case Western Reserve University. He obtained his postdoctoral research training in Cell Biology at the California Institute of Technology and the University of California, San Diego. Since joining Mayo Clinic in 2002, Dr. Horazdovsky has been actively involved in numerous educational efforts including curriculum and course development. He has served as associate dean for the graduate school since 2004 with a focus on academic affairs since 2019. In his service as associate dean, he oversees the health of the biomedical sciences curricula and research training programs, striving not

only to meet the school's strategic goals but also to prepare students for the challenges they will face in their careers. His other leadership roles include the director of the Summer Undergraduate Research Fellowship Program, associate director for Student Affairs of the Medical Scientist Training Program, and Mayo Clinic Comprehensive Cancer Center deputy director of education and research training. Dr. Horazdovsky has a joint appointment as a consultant for both the Biochemistry and Molecular Biology and Education Administration departments. He has been an associate professor of Biochemistry and Molecular Biology since 2002.



### DEAN'S DIVERSITY AND INCLUSION AWARD

#### **Young M. Erben, M.D.**

Dr. Erben is a consultant in the Division of Vascular and Endovascular Surgery at Mayo Clinic in Florida. Dr. Erben is an Associate Professor of Surgery and has a passion for her clinical practice in vascular surgery. She dedicates her other time to research in neurovascular, aortic and peripheral arterial pathology. Furthermore, she is a member of the Florida MCASOM Diversity, Equity, and Inclusion Council, and her purpose — her “why” — for what she does daily is to, in her own words, “inspire our pre-med and medical students to pursue their passion in a surgical field. I was given this opportunity through excellent mentorship during my training in Rochester, Minnesota and it is an absolute honor for me to pay it forward and

assure that more women feel inspired/mentored to consider surgery as a fulfilling and rewarding career.” Dr. Erben has been instrumental in establishing and sponsoring chapters of the Association of Women Surgeons (AWS) and the American Medical Women's Association (AMWA) at the MCASOM-Florida Chapter for medical students and at the University of North Florida for pre-med students. Dr. Erben also serves on the Florida MCASOM Admissions Committee, where she plays a pivotal role in Mayo's diverse recruitment efforts. Her advocacy and mentorship have profoundly impacted students. As one student says, “...she is one of the most accessible and compassionate physicians I have ever worked with, and she is an incredible role model.”

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA TEACHING EXCELLENCE AWARD

#### **Cyril Varghese, M.D., M.S.**

Dr. Varghese has been a Senior Associate Consultant in the Department of Critical Medicine and Division of Pulmonary Medicine at Mayo Clinic in Arizona since 2020. He is an Assistant Professor of Medicine at the Mayo Clinic College of Medicine and Science and the current course director of Pulmonary Medicine Block at Mayo Clinic Alix School of Medicine. He holds a master's degree in bioengineering and completed medical school at UT Southwestern Medical Center

in Dallas, after which he completed his residency, chief residency and pulmonary critical care fellowship at Mayo Clinic, Rochester. In addition to his passion for medical education, he is involved with research in artificial intelligence radiomics and voice analytics. During his free time, Dr. Varghese loves to fish, paint, garden and hang out with his wife and two girls (ages seven and five).



### FLORIDA TEACHING EXCELLENCE AWARD

#### **Jeremy Collado, M.D.**

Born in Queens, New York, and raised in South Florida, Dr. Collado attended Duke University where he studied psychology, linguistics and music. He received his medical degree from the University of Florida's College of Medicine with honors in curriculum development. He was Chief Resident at the Denver Health Residency in Emergency Medicine, where he served as the Chair of Diversity, Equity, and Inclusion. He was the co-founder and President of the University of Colorado Minority

and Allied Resident Council (MARC) as well as a Vice-Chair of Emergency Medicine Residents Association's (EMRA) Diversity & Inclusion Committee. Dr. Collado is currently a Senior Associate Consultant in the Department of Emergency Medicine at Mayo Clinic in Florida. His three major academic interests are DEI, cultural responsiveness, and health disparities, especially as they relate to education, administration, and operations.

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA TEACHING EXCELLENCE AWARD

#### **Eva Morava-Kozicz, M.D., Ph.D.**

Dr. Morava is a Professor of Medical Genetics with Mayo Clinic College of Medicine and Science. She did her specialty training in Europe and the U.S. as a pediatrician, geneticist and metabolic specialist. Her major clinical expertise is inborn errors of metabolism (IEM). She has decades of experience in the diagnostics, follow-up and treatment of IEM. Dr. Morava has been editor and the Editor in Chief of the *Journal of Inherited Metabolic Disease* for the past six years. She has a

research laboratory, which focuses on translational research in mitochondrial disorders and congenital disorders of glycosylation. She is active in many professional organizations as a member and a leader, and she has more than 300 publications. She is active in course development and education at the North American Metabolic Academy. She is passionate about education; medical education, interactive teaching and patient education.



### ARIZONA TEACHER OF THE YEAR AWARD

#### **Douglas E. Rappaport, M.D.**

Dr. Rappaport is a consultant in the Department of Emergency Medicine at Mayo Clinic in Arizona. He joined Mayo Clinic in 2017 and holds the academic rank of Assistant Professor in Emergency Medicine, Mayo Clinic College of Medicine and Science. Dr. Rappaport attended the University of Massachusetts for his undergraduate studies and earned an M.D. at the University of Arizona. He completed his residency training at the Harvard Affiliated Emergency Medicine Residency program at Beth Israel Deaconess.

His academic interests include medical education. Dr. Rappaport's commitment to students is clear — this is his second consecutive Teacher of the Year award. In their own words, students say "Dr. Rappaport serves as an excellent role model in his practice and truly gets to know his students so that he may be the best mentor possible. He is very thoughtful with his teaching and is a joy to work with every shift."



# Awards

## Mayo Clinic Alix School of Medicine



### FLORIDA TEACHER OF THE YEAR AWARD

#### Dana Herrigel, M.D.

Dr. Herrigel currently serves as the Director of Clinical Education for the Mayo Clinic Alix School of Medicine at the Florida Campus. Prior to Mayo, she worked as a chemical engineer for Merck and completed medical school, residency, chief residency, and faculty positions as a Course Director and Associate Program Director at Rutgers-Robert Wood Johnson Medical School. Dr. Herrigel's primary goal is to teach early physicians how to frame and solve difficult problems while

prioritizing compassion. She believes the joy of teaching is only surpassed by the joy of learning, and this curiosity leads her to many adventures she would otherwise miss. Outside of the hospital, she enjoys exploring the world with her husband and three children. This is Dr. Herrigel's second consecutive year receiving Teacher of the Year. Students say that Dr. Herrigel's "...exemplary performance as an educator, physician and individual serves as a model for the physicians [they] aspire to be."



### MINNESOTA TEACHER OF THE YEAR AWARD

#### Luke T. Hafdahl, M.D.

Dr. Hafdahl is a consultant practicing primary care in the Division of Community Internal Medicine, Geriatrics, & Palliative Care. He obtained his medical degree at the University of Minnesota and completed both his internal medicine residency and chief residency at Mayo Clinic. In addition to clinical practice, his time is spent largely teaching, including precepting learners in the Internal Medicine (IM) residency continuity clinic and the

Internal Medicine resident/student hospital services. He also provides leadership as a Firm Chief for the resident continuity clinic and the IM Clerkship Director for third year medical students. Of Dr. Hafdahl, students say that "[He is] unique in the effort [he] took to create a psychologically safe environment for [students] to feel support as [they] grew and developed as physicians."

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA FELLOW GOLDEN STETHOSCOPE AWARD

#### Michael B. Bernaba, M.D.

Dr. Bernaba grew up of Bakersfield, California. He attended Stanford University in Palo Alto for his undergraduate degree, where he graduated with honors in Human Biology. He attended the University of California-Irvine for medical school and went on to complete an internal medicine residency at the University of Arizona. He joined Mayo Clinic in 2021 as the sole first year nephrology fellow. He plans to graduate from his nephrology fellowship this year and return to California to work full

time as a new consultant and educator. To Dr. Bernaba, the kidney is, arguably, the greatest organ — that's why there are two! There is no greater joy to him than sharing the wonders of the kidney. This joy is shared by his identical twin brother, who is also a nephrologist. In his free time, Dr. Bernaba enjoys critiquing movies, traveling, spending time at the gym, improving his Arabic and Spanish, and making homemade pizza.



### ARIZONA RESIDENT GOLDEN STETHOSCOPE AWARD

#### Jenna H. Meyer, M.D., M.S.

Born and raised in Rochester, MN, Dr. Meyer attended Middlebury College, where she received a B.A. in neuroscience. She then attended Boston University and received an M.S. in Medical Sciences while working in a neuro-ophthalmology lab and as a medic in the surrounding Boston area. During this time, she developed an interest in public and global health. After receiving her M.S., she moved to Israel to study global health and attend medical school at Ben Gurion University of the Negev. During this time, she helped treat Bedouin refugee populations seeking care and worked with Syrian refugees outside of Amman, Jordan. Her interest in neurosurgery was fostered by neurosurgery residents in Israel, and by the incredible mentorship she received from Dr. Mohammed Bydon at the Mayo Clinic in Rochester. She also spent time with Dr. Will Copeland, a Mayo

neurosurgery residency graduate working as a global neurosurgeon and Neurosurgery Residency Program Director in Tenwek, Kenya. Dr. Copeland fostered her love of teaching and inspired her to develop the surgical expertise and knowledge to be able to treat patients irrespective of resource availability. After receiving her medical degree in 2021, she began a Neurologic Surgery residency at Mayo Clinic Arizona. Her favorite part about teaching is getting to meet the Mayo Clinic medical students and being able to help build the confidence in students who rotate through the department, hopefully sparking in them a love of learning, and of course, a passion for the field of neurosurgery. In her free time, Dr. Meyer enjoys completing Ironman competitions, hiking with her Great Dane, Moose, spending time with friends and family, and a few quality minutes on the dance floor.

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA RESIDENT GOLDEN STETHOSCOPE AWARD

#### Ryan A. Dunn, M.D.

Dr. Dunn grew up in Tempe, Arizona, and worked as a veterinary technician in an exotic animal veterinary clinic before pursuing a career in medicine. He studied physiology at the University of Arizona in Tucson, where he met his wife, Dr. Rachel Dunn. He graduated from Mayo Clinic Alix School of Medicine in 2021 as a member of the inaugural class. He is currently a second-year internal medicine resident at Mayo Clinic Arizona and

plans on pursuing a career in pulmonary and critical care medicine. In his free time, Dr. Dunn enjoys rock climbing, mountain biking and backpacking. Dr. Dunn finds teaching to be the greatest joy of academic medicine. He remembers the kindness and mentorship that was extended to him when he was a medical student at MCASOM, and his primary goal in academia is to do the same for the next generation of physicians.



### FLORIDA FELLOW GOLDEN STETHOSCOPE AWARD

#### Hannah S. Palin, M.D.

Dr. Palin comes from Cumberland, Maryland. She received a B.A. in Spanish and a B.A. in Psychology from Vanderbilt University. After graduating, she moved to Quito, Ecuador, for a year, teaching English and women's health/exercise classes in a small town outside of Quito. It was during this time that she became determined to go to medical school — and at a place where she could retain her Spanish language skills. After completing a baccalaureate program at the University of Louisville, she was accepted to the University of Miami for medical school and remained in Miami to complete an obstetrics

and gynecology residency. It was in Miami that Dr. Palin also met her fiancé. An interest in completing a MIGS fellowship brought her to Mayo Clinic in the summer of 2021. Dr. Palin finds great inspiration in working with medical students at Mayo Clinic, where they serve as a daily reminder of the unique and amazing parts of being a doctor. As a female surgeon in training, a field like women's health has its own distinctive challenges — and advantages. She greatly values the opportunity to share her perspective on this particular career path with students.

# Awards

## Mayo Clinic Alix School of Medicine



### FLORIDA RESIDENT GOLDEN STETHOSCOPE AWARD

#### **Jamie L. Kaplan, M.D.**

Dr. Kaplan grew up in Melbourne Beach, Florida. After high school, she accepted a Division One basketball scholarship at Tulane University in New Orleans, where she played for the women's basketball team for four years. After receiving a B.S. with Honors in Neuroscience, she stayed in New Orleans to complete a medical degree at Tulane University School of Medicine as

well as a master's degree in Anatomy. In July 2019, Dr. Kaplan came to Mayo Clinic to begin a General Surgery residency. She is currently completing her PGY4 year of residency and will be a rising Chief Resident in the upcoming year. Dr. Kaplan loves working with medical students, finding inspiration in their sharp minds and eagerness to learn.



### FLORIDA RESIDENT GOLDEN STETHOSCOPE AWARD

#### **Albert Bui, D.O., Pharm.D.**

Dr. Bui is currently a PGY-3 Internal Medicine resident at Mayo Clinic in Florida. He is originally from Los Angeles, California, and lived in Ohio for nine years, completing pharmacy school at Ohio Northern Raabe College of Pharmacy and medical school at Ohio University Heritage College of Osteopathic Medicine. After residency, he will be starting a critical care fellowship

at the Cleveland Clinic in Ohio. His hobbies include playing and watching basketball, rollerblading, exploring new restaurants, going to the beach and making people laugh. This is Dr. Bui's second consecutive Golden Stethoscope award.

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA FELLOW GOLDEN STETHOSCOPE AWARD

#### **Nathaniel L. Robinson, M.D.**

Dr. Robinson grew up enjoying the beautiful mountains of Utah. He attended Brigham Young University where he won an MCLA Lacrosse National Championship, fulfilled a two-year service mission in South Korea, and earned a Bachelor of Science degree in Nursing. After working as a nurse for one year, Dr. Robinson relocated to Rochester, Minnesota in 2014 to begin medical school at the Mayo Clinic Alix School of Medicine. Upon graduating, he stayed in Rochester to complete the Mayo Clinic's Integrated 4+3 General/Cardiothoracic Surgery Residency

program. His academic pursuits include a passion for inventing and medical device creation to improve surgical processes. He is working on completing patents as well as prospective and retrospective patient outcomes research. Additionally, Dr. Robinson has a passion for teaching where he has learned, firsthand, the more you give in building up and helping others, the more you receive in your own professional success. Dr. Robinson and his wife, Aubri, are the grateful parents of Zoey, Iris, Skye, and a soon-to-be-born baby boy.



### MINNESOTA RESIDENT GOLDEN STETHOSCOPE AWARD

#### **Brandon P. Maddy, M.D.**

Dr. Maddy was born and raised in the small town of Berlin, Maryland. He attended college at Washington University in St. Louis before moving to New York City, where he completed his medical education at Weill Cornell Medical College. Beginning with volunteer tutoring in middle school, Dr. Maddy found a passion for teaching which he has carried throughout his own education and medical training. In college he participated in community outreach programs for health education in St. Louis, and in medical school he was involved in numerous educational and mentoring programs and curriculum steering committees. He finds great satisfaction in translating complex topics into

tangible and teachable information, and he feels lucky to employ this skill every day in his career in medicine with both his patients and learners. Inspired by role models from his own time as a student, Dr. Maddy strives to teach intuition and critical thinking to help prepare students for the complex decision-making skills that are intrinsic to medical careers. He is passionate about maintaining a nonjudgmental and supportive learning environment so that learners can be bold and realize their full potential. After he finishes his residency training, Dr. Maddy will be moving to Denver, Colorado, to practice general obstetrics and gynecology while his spouse completes her fellowship training.

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA RESIDENT GOLDEN STETHOSCOPE AWARD

#### **Chelsea L. Powell, M.D.**

Dr. Powell is a general surgery resident at Mayo Clinic in Rochester. She is originally from Maryland but moved to Ithaca, New York, to attend Cornell University where she double majored in evolutionary biology and Russian. After a brief stint working in field biology, she studied medicine at the Medical School for International Health,

based out of Ben-Gurion University in Israel, before moving to Rochester in 2019 to continue her training. Her interest in surgery was sparked during her surgical rotation in medical school, and as a resident she enjoys creating opportunities for medical students to discover their own passions in the field of medicine.

# National, Regional and State Awards

**2022-2023**

# Awards

## National, Regional and State

We congratulate our graduating students on the following National, Regional and State awards received during their time in medical school.

### **LUIS ANTEZANA**

Latino Medical Student Association (LMSA) Award for Excellence in Research (2022)

American Council of Academic Plastic Surgeons 9th Annual Winter Meeting Scholarship (2021)

Arthur L. Garnes Society Plastic Surgery Meeting Scholarship (2021)

Friedman-Bowen Primary Care Scholarship Fund, Minnesota Medical Association

### **WHITNEY BARHAM**

NIH/NCI Ruth L. Kirschstein F30 Individual National Research Service Award (2020-2023)

### **SUSANNA BASAPPA**

NIH/NCI Ruth L. Kirschstein F30 Individual National Research Service Award (2019-2023)

### **NEHA DEO**

33rd Biennial Dermatology Symposium: The O'Leary Meeting Scholarship (2022)

American Academy of Dermatology Medical Student Symposium Award

Society of Critical Care Medicine Silver Medal Research Award

Practical Dermatology for the Generalist Scholarship for 7th Annual SKIN (2023)

### **RACHEL DUNN**

American Medical Women's Association Overseas Assistance Grant

### **RICHARD EBOKA**

American Psychiatric Association Foundation Medical Student Externship in Addiction Psychiatry (2020)

American Association for Geriatric Psychiatry Scholars Program (2021)

American Psychiatric Association Foundation Travel Scholarship (2022)

### **MADISON ESTELL**

Minnesota Psychiatric Society Gloria Segal Award

### **ZACHARY GINSBERG**

SAEM Medical Student Excellence in Emergency Medicine Award (2023)

### **NAZANIN KAZEMI-BUTTERFIELD:**

Fulbright Scholar Switzerland (2020-2021)

Paul and Daisy Soros Fellow (2021)

### **VALERIE MELSON**

Posse Foundation Scholarship (full tuition scholarship)

Tylenol Future Care Scholarship Finalist (2022)

Alpha Omega Alpha (AOA) Carolyn L Kuckein Student Research Fellowship (2022)

National Medical Fellowships Anarcha, Betsey, and Lucy Memorial Scholarship (2020)

Zumbro Valley Medical Society Outstanding Young Leader Award (2021).

### **DILEEP MONIE**

NIH/NCI Ruth L. Kirschstein F30 Individual National Research Service Award (2021)

### **ROBERT OWEN**

Phi Kappa Phi Fellowship Award (2019)

### **PRANAV PURI**

American Academy of Dermatology Annual Meeting Best Abstract Award 2022)

### **AARON RUSHEEN**

NIH/NINDS Ruth L. Kirschstein F30 Individual National Research Service Award (F31)

Society for Neuroscience Leadership Development Program Fellowship (2019)

Society for Neuroscience Trainee Professional Development Award (2019)



# Awards

## National, Regional and State

### MARISA SALAZAR

United States Public Health Service  
Excellence in Public Health Award (2021)

### HARSH SHAH

American Heart Association (AHA) Founders  
Affiliate Medical Student Research Award (2017)

Howard Hughes Medical Institute (HHMI)  
Medical Research Fellows Award (2017)

Sarnoff Cardiovascular Research Foundation  
Fellowship Award (2017)

U.S. Food and Drug Administration Executive  
Scholar Award (2019)

Delta Omega, Public Health Honor Society  
Student of the Year (2020)

JAMA Network Leadership Award (2021)

### JOHN STRIKWERDA

NIH/NINDS Ruth L. Kirschstein F31 Individual  
National Research Service Award (2019-2021)

### KIMBERLY WANG

American Academy of Neurology Medical Student  
Prize for Excellence

### JENNY YOON

Medical Student Anesthesia Research Fellowship  
from the American Society of Anesthesiologists  
Foundation for Anesthesia Education and Research

# Physician's Pledge

## Mayo Clinic Alix School of Medicine

### TO PATIENTS, COLLEAGUES AND SOCIETY

In the tradition of Hippocrates and the physicians who have come before me, I make the following pledge:

*The needs of my patients come first. I will be a partner to improve the quality of their life through good health. I will not discriminate, I will protect the vulnerable and above all, I will do no harm.*

*It is my duty to care for the individual and the community. I will work to prevent disease and assure access to care for all who are in need.*

*The practice of medicine is both art and science. The wisdom of my patients and colleagues will guide me in the art. I will improve medicine through science and by increasing my knowledge and skills throughout my career.*

*I believe in the tradition that care is best delivered by health professionals working together in the best interest of the patient.*

*I will honor my teachers by freely sharing my knowledge and skill with patients, colleagues and successors.*

*My profession is an honored one and I will not violate the trust society has placed in me. I will provide care that is ethical, moral and just and expect the same from my colleagues. I will be humble.*

*In the presence of my teachers, my family, my class and my friends, I make these promises solemnly and freely.*

Adapted from the Hippocratic Oath by the Mayo Clinic School of Medicine Class of 2004

# Scientist's Oath

## Mayo Clinic Graduate School of Biomedical Sciences

*As a member of the scientific community, I pledge that I will:*

- 1. Conduct myself at all times with personal integrity*
- 2. Perform my professional activities with the highest rigor*
- 3. Work for the advancement of all humanity*

*By pronouncing this Oath, I commit myself to these standards and goals.*

Written by Dean Stephen Ekker and Assistant Dean Bruce Horazdovsky in 2019 to emphasize the standards that Mayo Clinic expects from students during their training and as future research scientists.



# Congratulations from the Mayo Clinic Alumni Association

The officers and Board of Directors of the Mayo Clinic Alumni Association welcome you as the newest members of the alumni association. The association's mission, "Connecting our alumni and bringing Mayo Clinic values to the world," is central to our purpose, nurturing mutually beneficial relationships between Mayo Clinic and the remarkable individuals who participate in its education programs. Formed in 1915 by alumni who wished to maintain scientific and social contacts with the people and programs of Mayo Clinic, you now join the ranks of esteemed Mayo Clinic alumni and alumnae. Your colleagues can be found in more than 80 countries, on the faculty of the world's leading medical schools and in leadership positions of national and international scientific organizations. We are proud to count you among our respected colleagues.

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