





# Commencement Program

Class of 2024

**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 over 50 years, a world-class faculty has educated aspiring physicians in Mayo Clinic's unsurpassed model of team-based, patient-centered care. Our faculty 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 healthcare 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 determination 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 healthcare environment.

The Class of 2024 will be part of the prestigious alumni of Mayo Clinic. Selected from 5,202 applicants, Mayo Clinic Alix School of Medicine Class of 2024 consists of 105 graduates.

## LEADERSHIP

### Dean

Fredric B. Meyer, M.D.

### Vice Deans

Jewel M. Kling, M.D., M.P.H., Arizona

Gerardo Colon-Otero, M.D., Florida

### Administrator

Brenda L. Sloan, MBA

### Operations Managers

Aliesha B. Bechly, M.S., Minnesota

Nicole L. Billingsley, MBA, Arizona

Mar E. Sayo, MBA, Florida

Mary E. Stevens, M.H.S., Florida

## 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, Jay 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, Jay works alongside Mayo leaders, driving transformational change rooted in Mayo Clinic’s vision and core values.

Jay 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 Jay serves as one of 15 board members and as a mentor to AlixPartners’ leaders.

In addition to his past consulting work and private equity investment experience, Jay 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 Jay 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 Jay 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.

Jay 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.

Jay 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 in order to rapidly develop cures and solutions that solve unmet healthcare 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 have demonstrated both the global reach and substantive local impact at each campus.

This commencement shows the critical nature of fundamental research in addressing major societal needs. Each of these graduates from the class of 2024 represents new cutting-edge technology; innovations in healthcare delivery, public policy and regulatory science; and new methods to make innovations more broadly available across the world through entrepreneurship, partnerships and novel ventures.

## LEADERSHIP

### Dean

Leigh G. Griffiths, MRCVS, Ph.D.

### Associate Deans

Evette S. Radisky, Ph.D., Florida

Nhan L. Tran, Ph.D., Arizona

### Administrator

Karen S. Nation, MBA/HCM

### Operations Managers

Kristen J. Krueger, M.A., Arizona

Caitlyn J. Gillen, Florida

Rachel L. Halsrud, MBA, Minnesota





# Florida Class of 2024

May 18, 2024

**Kinne Auditorium  
Jacksonville, Florida**



# Florida Commencement Program

MAY 18, 2024

<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>	Jordan S. Dutcher, M.D.
<b>Remarks by the President and CEO, Mayo Clinic</b>	Gianrico Farrugia, M.D.
<b>MCGSBS Dean's Remarks and Awards</b>	Leigh G. Griffiths, MRCVS, Ph.D.
<b>MCGSBS Student Address</b>	Jannifer H. Lee
<b>Conferring of Ph.D. and Masters' Degrees</b>	Fredric B. Meyer, M.D. Leigh G. Griffiths, MRCVS, Ph.D. Evette S. Radisky, Ph.D. Owen A. Ross, Ph.D. Wilfried O. Rossoll, Ph.D.
<b>MCASOM Dean's Remarks and Awards</b>	Gerardo Colon-Otero, M.D.
<b>MCASOM Student Address</b>	Yeonsoo Sara Lee
<b>Conferring of Medical Degrees</b>	Fredric B. Meyer, M.D. Gerardo Colon-Otero, M.D. Elliot L. Dimberg, M.D. Brynn K. Dredla, M.D. W. Chris Fox, M.D.
<b>Reading of the Physician's Pledge</b>	Fredric B. Meyer, M.D. All M.D. attendees and graduates
<b>Concluding Remarks</b>	Fredric B. Meyer, M.D.

## Recessional

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

# Florida Platform Participants

*In order of appearance*

**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

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

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

**JORDAN S. DUTCHER, M.D.**

Commencement Speaker

**GIANRICO FARRUGIA, M.D.**

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

**LEIGH G. GRIFFITHS, MRCVS, PH.D.**

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

**JANNIFER H. LEE**

Student Speaker, Mayo Clinic Graduate School of  
Biomedical Sciences

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

Associate Dean, Mayo Clinic Graduate School of  
Biomedical Sciences – Florida Campus  
Professor of Cancer Biology and Pharmacology,  
Mayo Clinic College of Medicine and Science

**OWEN A. ROSS, PH.D.**

Professor of Neuroscience,  
Mayo Clinic College of Medicine and Science

**WILFRIED O. ROSSOLL, PH.D.**

Assistant Dean, Mayo Clinic Graduate School of  
Biomedical Sciences – Florida Campus  
Associate Professor of Neuroscience,  
Mayo Clinic College of Medicine and Science

**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

**YEONSOO SARA LEE**

Student Speaker, Mayo Clinic Alix School of Medicine

**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

**BRYNN K. DREDLA, M.D.**

Assistant Dean for Career Advising and Mentoring,  
Mayo Clinic Alix School of Medicine – Florida Campus  
Assistant Professor of Neurology,  
Mayo Clinic College of Medicine and Science

**W. CHRIS FOX, M.D.**

Associate Dean for Student Affairs,  
Mayo Clinic Alix School of Medicine – Florida Campus  
Professor of Neurosurgery,  
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 Commencement Speaker

## **JORDAN S. DUTCHER, M.D.**

Jordan S. Dutcher, M.D., is a second-year resident physician in the Department of Anesthesiology and Perioperative Medicine at Mayo Clinic in Florida. She began her collegiate career at the age of 15 at Florida Gulf Coast University. She then transferred to the University of Alabama, where she graduated magna cum laude with a bachelor's degree in biology. In 2022, she completed her medical school education at the Mayo Clinic Alix School of Medicine, where she was one of the inaugural members of the Mayo Clinic Florida Track.

As a student in the inaugural Florida class, she had the opportunity to pioneer the development of the medical student experience and the campus as a whole. She founded and led the American Medical Women's Association and the Association of Women Surgeons, Mayo Clinic Florida chapters during her third and fourth years of medical school. Both of these chapters remain active today and continue to grow.

Her research focus has highlighted her passion for medical education. Most notably, she assisted in the creation of a novel curriculum on human trafficking and trauma-informed care, which was later published for use at other training institutions.

As a recent alumna, she has continued her involvement with the education shield at Mayo Clinic through teaching and serving as the graduate medical education representative on the Mayo Clinic Alix School of Medicine and Simulation Medicine subcommittees.

Outside of medicine, Dr. Dutcher is a successful entrepreneur establishing, marketing and operating a sugar cookie company. She has also worked alongside her family to create a 501c3 animal rescue to rehabilitate blind and abused horses. She is an active member of her Eleven22 church community alongside her husband, Ryden Smith. They enjoy spending time on the beach with their English Bulldog, Meatball, and cheering on the Crimson Tide on game day.



# Florida Doctor of Medicine



**SCOTT TAYLOR ANDERSON**

**B.S., Economics**

Brigham Young University  
Provo, UT

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

Arizona State University

**Residency:**

**Surgery – Preliminary**

Johns Hopkins Hospital  
Baltimore, MD



**SHALYN MACKENZIE FULLERTON**

**B.S., Biochemistry**

University of California-Los Angeles  
Los Angeles, CA

**Residency:**

**General Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Jacksonville, FL



**ANNA STONE JENKINS**

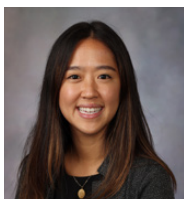
**B.S., Psychology**

Duke University  
Durham, NC

**Residency:**

**Anesthesiology**

Duke University Medical Center  
Durham, NC



**YEONSOO SARA LEE**

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

Yale University  
New Haven, CT

**Residency:**

**Urology**

Mayo Clinic School of  
Graduate Medical Education  
Jacksonville, FL



**TRISTAN ANDRE LOVEDAY**

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

Arizona State University  
Tempe, AZ

**Residency:**

**Pediatrics**

Vanderbilt University Medical Center  
Nashville, TN



**RAFAY MALIK**

**B.A., Chemistry**

Duke University  
Durham, NC

**Residency:**

**Family Medicine**

Medical College of Georgia  
Augusta, GA

# Florida Doctor of Medicine



**DANE JEPATH MARKHAM**

**B.S., Physiology;**

**Developmental Biology**

Brigham Young University  
Provo, UT

**Residency:**

**Transitional**

Grand Strand Regional Medical Center  
Myrtle Beach, SC

**Dermatology**

University of Iowa  
Hospitals and Clinics  
Iowa City, IA



**FRANK MARTINEZ**

**B.S., Mathematics**

University of New Mexico  
Albuquerque, NM

**Residency:**

**Orthopedic Surgery**

University of Utah Health  
Salt Lake City, UT



**SERENA SHIMSHAK**

**B.A., Neuroscience;**

**Biology**

Wesleyan University  
Middletown, CT

**Residency:**

**Dermatology**

Mayo Clinic School of  
Graduate Medical Education  
Jacksonville, FL



**MARCUS R. WIGGINS**

**B.S., Biology**

Virginia Tech  
Blacksburg, VA

**MBA**

University of Virginia  
Charlottesville, VA



**JOSEPH YACOUB**

**B.S., Biomedical Sciences**

Charles R. Drew University of  
Medicine and Science  
Willowbrook, CA



**MICHAEL YACOUB**

**B.S., Biomedical Sciences**

Charles R. Drew University of  
Medicine and Science  
Willowbrook, CA



# Florida Doctor of Medicine



**MAIA CHRISTINA YOUNG**

**B.A., Medicine, Literature and Society**

Columbia University  
New York, NY

**Residency:**

**Pediatrics**

University of Florida  
College of Medicine – Jacksonville  
Jacksonville, FL

# Florida Doctor of Medicine

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

As we stand on the threshold of a new chapter in our lives, we reflect on the transformative journey we have undertaken as medical students who have been privileged to have received education at all three of the Mayo Clinic Alix School of Medicine campuses.

Thanks to Mayo Clinic's consistent dedication to the needs of the patients coming first and foremost, we have been able to train in the most personally compassionate and professionally excellent hospital system in the world.

Our time at MCASOM has been marked by invaluable lessons instilled by world-class faculty and memorable experiences shared alongside world-class peers.

The Mayo Clinic Alix School of Medicine Florida Track of 2024 is forever grateful for these opportunities and looks forward to keeping in touch as we all progress in our individual journeys in medicine.

Thank you.

*Mayo Clinic Alix School of Medicine  
Florida Campus Class of 2024*



“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 2024

May 20, 2024

**Phoenix Art Museum**  
**Phoenix, Arizona**



# Arizona Commencement Program

MAY 20, 2024

**Processional**      Bagpipers  
Platform Participants  
Faculty Representatives  
Graduates

**Welcome from the Executive Dean**      Fredric B. Meyer, M.D.

**Remarks by the President and CEO, Mayo Clinic**      Gianrico Farrugia, M.D.

**Commencement Address**      Nathan L. Delafield, M.D.

**Dean's Remarks and Awards**      Jewel M. Kling, M.D., M.P.H.

**Remarks by the CEO, Mayo Clinic in Arizona**      Richard J. Gray, M.D.

**Student Address**      Christopher W. Allen

**Conferring of Medical Degrees**      Fredric B. Meyer, M.D.  
Jewel M. Kling, M.D., M.P.H.  
Robert P. Bright, M.D.  
Keith J. Cannon, M.D.  
Mira T. Keddis, M.D.  
Lopa Misra, D.O.  
Amit A. Shah, M.D.

**Reading of the Physician's Pledge**      Fredric B. Meyer, M.D.  
All M.D. attendees and graduates

**Concluding Remarks**      Fredric B. Meyer, M.D.

**Recessional**

*Please join us after the recessional for a reception in the  
J.P. Morgan Chase Lobby and Dorrance Sculpture Garden.*

# Arizona Platform Participants

*In order of appearance*

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

Juanita Kiouss 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,  
Mayo Clinic College of Medicine and Science

**GIANRICO FARRUGIA, M.D.**

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

**NATHAN L. DELAFIELD, M.D.**

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

**JEWEL M. KLING, M.D., M.P.H.**

Vice Dean, Mayo Clinic Alix School of Medicine  
Suzanne Hanson Poole Dean,  
Mayo Clinic Alix School of Medicine – Arizona Campus  
Professor of Medicine,  
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

**CHRISTOPHER W. ALLEN**

Student Speaker

**ROBERT P. BRIGHT, M.D.**

Associate Dean for Career Advising and Mentoring,  
Mayo Clinic Alix School of Medicine – Arizona Campus  
Assistant Professor of Psychiatry,  
Mayo Clinic College of Medicine and Science

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

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

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

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

**LOPA MISRA, D.O.**

Associate Dean for Admissions,  
Mayo Clinic Alix School of Medicine – Arizona Campus  
Assistant Professor of Anesthesiology,  
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 Commencement Speaker

## **NATHAN L. DELAFIELD, M.D.**

Nathan L. Delafield, M.D., attended medical school at Indiana University and completed an internal medicine residency at Mayo Clinic in Arizona. He is a senior associate consultant in Community Internal Medicine, an assistant professor of medicine at the Mayo Clinic College of Medicine and Science, and an associate program director for the internal medicine residency program at Mayo Clinic in Arizona. Dr. Delafield is a faculty advisor for the Mayo Clinic Alix School of Medicine, and he also serves as the associate chair of diversity, equity, inclusion and belonging for the Department of Medicine.

His clinical and research interests include eliminating healthcare disparities and developing novel strategies to overcome social determinants of health (SDOH). Through community collaboration and strategic leveraging of Mayo Clinic research resources and partnerships, Dr. Delafield sees tremendous possibilities for exploring new solutions to help communities better address SDOH. He has given local, national and international presentations on this topic and continues to expand upon research in this area.

Dr. Delafield is the recipient of numerous awards, including winning Teacher of the Year for the Internal Medicine Residency Program in 2019 and 2023. He was also named a “Top Doc 2023” by Phoenix Magazine.

Outside of medicine, Dr. Delafield enjoys spending time with his family. He has two children and a loving wife who inspire him daily.





# Arizona Doctor of Medicine



**OLUFUNMIOLA GRACE ADELEYE**

**B.S., Psychology**

Loyola University  
New Orleans, LA

**MBA, Healthcare Administration**

Baylor University  
Waco, TX

**Residency:**

**Orthopedic Surgery**

University of Arizona  
College of Medicine  
Phoenix, AZ



**CHRISTOPHER WEI ALLEN**

**B.S., Finance**

Santa Clara University  
Santa Clara, CA

**Residency:**

**Emergency Medicine**

Stanford Health Care  
Palo Alto, CA



**ANA MARÍA ARAGÓN SIERRA**

**M.M.C., Communications**

Arizona State University  
Phoenix, AZ

**Residency:**

**Transitional**

Cambridge Health Alliance  
Cambridge, MA



**NAMRATA ARYA**

**B.S., Biomedical Engineering**

The Ohio State University  
Columbus, OH

**Residency:**

**Internal Medicine**

Kaiser Permanente Northern California  
San Francisco, CA



**KELSEY LEANNE BECK**

**B.S., Family and Human Development;  
Biological Sciences**

Arizona State University  
Tempe, AZ

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

Arizona State University  
Tempe, AZ

**Residency:**

**Neurology**

Barrow Neurological Institute at  
St. Joseph's Hospital and  
Medical Center  
Phoenix, AZ



**SHANE RICHARD BERGER**

**B.A., History**

California State Polytechnic  
University-Pomona  
Pomona, CA

**Residency:**

**Psychiatry**

Wright-Patterson Air Force Base  
with Wright State University  
Dayton, OH

# Arizona Doctor of Medicine



## **ALYSSA CAMARGO**

**B.A., Molecular Cellular Biology -  
Infectious Diseases**

University of California-Berkeley  
Berkeley, CA

**Residency:**

**Pediatrics**

Phoenix Children's Hospital  
Phoenix, AZ



## **MEGAN ELIZABETH CAMPANY**

**B.S., Exercise Science**

Appalachian State University  
Boone, NC

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

Arizona State University  
Tempe, AZ

**Residency:**

**Thoracic Surgery**

University of North Carolina Hospitals  
Chapel Hill, NC



## **INDIA CECELIA CASADAY**

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

University of California-Davis  
Davis, CA

**Residency:**

**Otolaryngology**

Mayo Clinic School of Graduate  
Medical Education  
Phoenix, AZ



## **ANAGHA DESHPANDE**

**B.S., Biological Sciences**

Arizona State University  
Tempe, AZ

**M.S., Medical Nutrition**

Arizona State University  
Tempe, AZ

**Residency:**

**General Surgery**

Cleveland Clinic Foundation  
Cleveland, OH



## **LILLIAN DYRE**

**B.A., Biology; Non-Governmental  
Organizations and Social Change**

University of Southern California  
Los Angeles, CA

**Residency:**

**Obstetrics and Gynecology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



## **MUHAMMAD ALI UMAR ELAHI**

**B.A., Biology**

Washington University in St. Louis  
St. Louis, MO

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

Arizona State University  
Tempe, AZ

**Residency:**

**Internal Medicine**

Washington University/  
Barnes-Jewish Hospital  
St. Louis, MO

# Arizona Doctor of Medicine



**OMER ADIL ELSHAIGI**

**B.A., Neuroscience and Behavior**

Columbia University  
New York City, NY

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

Arizona State University  
Tempe, AZ

**Residency:**

**Pediatrics**

Children's Hospital/  
Boston Medical Center  
Boston, MA



**MAYA T. HARRINGTON**

**B.S., Biology**

Virginia Commonwealth University  
Richmond, VA

**MBA**

Arizona State University  
Tempe, AZ

**Residency:**

**Ophthalmology**

Vanderbilt University Medical Center  
Nashville, TN



**INGRID LAUREN HIRTE**

**B.S., Pre-Medicine**

University of Notre Dame  
South Bend, IN

**Residency:**

**Family Medicine**

Mayo Clinic School of Graduate  
Medical Education  
Rochester, MN



**ANGELINA SUSIE HWANG**

**B.S., Biology**

Duke University  
Durham, NC

**Residency:**

**Dermatology**

Mayo Clinic School of Graduate  
Medical Education  
Scottsdale, AZ



**BEAU IDLER**

**B.A., German; Economics**

Colorado College  
Colorado Springs, CO

**Residency:**

**Pathology**

Stanford Health Care  
Stanford, CA



**AUDREY ANNE KEIM**

**B.S., Sports Medicine**

Pepperdine University  
Malibu, CA

**Residency:**

**Anesthesiology**

University of California, Los Angeles  
Medical Center  
Los Angeles, CA

# Arizona Doctor of Medicine



**KACEY JANE KEMPER**

**B.S., Biology**

Lipscomb University  
Nashville, TN

**Residency:**

**Family Medicine**

North Colorado Medical Center  
Greeley, CO



**MONICA KIROLLOS**

**B.S., Chemistry**

University of California-Los Angeles  
Los Angeles, CA

**Residency:**

**Otolaryngology**

Loma Linda University Health  
Education Consortium  
Loma Linda, CA



**JOHN MORGAN KLYVER**

**B.S., Microbiology**

University of California-Davis  
Davis, CA

**J.D.**

Arizona State University  
Phoenix, AZ

**Residency:**

**Internal Medicine**

Stanford Health Care  
Stanford, CA



**LUCKY PEARL KIRIGO KROG**

**B.S., Interdisciplinary Studies**

East Tennessee State University  
Johnson City, TN



**KELDON KAI LIN**

**B.A., Neuroscience**

Northwestern University  
Evanston, IL

**M.S., Digital Transformation  
in Healthcare**

Northeastern University  
Boston, MA

**Residency:**

**Transitional**

Naples Community Hospital  
Healthcare Systems  
Naples, FL

**Radiation Oncology**

Mayo Clinic School of Graduate  
Medical Education  
Rochester, MN



**HANNA NGOC-ANH LUONG**

**B.S., Psychobiology**

University of California-Los Angeles  
Los Angeles, CA

**Residency:**

**Ophthalmology**

Oregon Health & Science University  
Portland, OR

# Arizona Doctor of Medicine



**GIYTH MITHIM MAHDI**

**B.S., Anatomy; Physiology**

University of Arizona

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

Arizona State University

Tempe, AZ

**Residency:**

**Emergency Medicine**

Creighton University

School of Medicine

Phoenix, AZ



**JAMES MEINHARDT**

**B.B.A., Business Administration**

University of San Diego

San Diego, CA

**J.D.**

University of Virginia

Charlottesville, VA

**Residency:**

**Transitional**

Tucson Hospitals Medical Education

Tucson, AZ

**Radiology – Diagnostic**

University of Utah Health

Salt Lake City, UT



**M. LANE MOORE**

**B.S., Kinesiology**

Texas Tech University

Lubbock, TX

**MBA**

Arizona State University

Tempe, AZ

**Residency:**

**Orthopedic Surgery**

Mayo Clinic School of Graduate

Medical Education

Phoenix, AZ



**RACHEL MARIAH NEFF**

**B.S., Biochemistry**

University of Missouri

Columbia, MO

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

Arizona State University

Tempe, AZ

**Residency:**

**Internal Medicine**

Mayo Clinic School of Graduate

Medical Education

Rochester, MN



**STEPHEN O'NEILL**

**B.S., Electrical Engineering**

University of Nebraska-Lincoln

Lincoln, NE

**B.A., Chemistry**

University of Missouri-Kansas City

Kansas City, MO

**Residency:**

**Family Medicine**

Poudre Valley Hospital

Fort Collins, CO



**PARTH PRANAV PARIKH**

**B.A., Neuroscience; Business; French**

Vanderbilt University

Nashville, TN

**Residency:**

**Medicine – Preliminary**

University of Arizona

College of Medicine

Phoenix, AZ

**Radiology – Diagnostic**

Washington University/

Barnes-Jewish Hospital/

St. Louis Children's

Hospital Consortium

St. Louis, MO

# Arizona Doctor of Medicine



**SHYAM PATEL**

**B.S., Human Biology**

University of California-San Diego  
La Jolla, CA

**Residency:**

**Psychiatry**

Creighton University  
School of Medicine  
Mesa, AZ



**RAHUL KUMAR PATEL**

**B.A., Neuroscience**

University of Virginia  
Charlottesville, VA

**Residency:**

**Pediatrics**

Emory University  
School of Medicine  
Atlanta, GA



**MELISSA NICOLE PELKEY**

**B.S., Biochemistry; Spanish**

Beloit College  
Beloit, WI

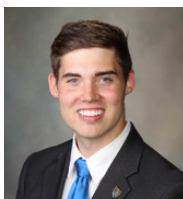
**Residency:**

**Transitional**

Hospital Corporation of  
America Health One  
Englewood, CO

**Anesthesiology**

Mayo Clinic School of  
Graduate Medical Education  
Phoenix, AZ



**JORDAN R. POLLOCK**

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

Brigham Young University  
Provo, UT

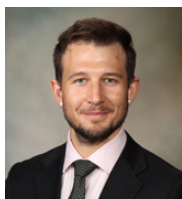
**MBA**

Arizona State University  
Tempe, AZ

**Residency:**

**Radiology – Diagnostic**

Mayo Clinic School of  
Graduate Medical Education  
Phoenix, AZ



**CHRIS POYORENA**

**B.S., Exercise**

California State University-Long Beach  
Long Beach, CA

**Residency:**

**Emergency Medicine**

University of Washington  
Affiliated Hospitals  
Seattle, WA



**MUHAMMAD BILAL QURESHI**

**B.S., Finance**

Wayne State University  
Detroit, MI

**Residency:**

**Ophthalmology**

Henry Ford Hospital  
Detroit, MI

# Arizona Doctor of Medicine



## **RASIKA RAO**

### **B.S., Neuroscience; Psychology**

University of North Carolina-  
Chapel Hill  
Chapel Hill, NC

### **Residency:**

#### **Pediatrics**

University of Washington  
Affiliated Hospitals  
Seattle, WA



## **AHMAD BASHEER SHAHIN**

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

University of Arizona  
Tucson, AZ

### **Residency:**

#### **Transitional**

Health Education Services/  
Northwest Healthcare  
Tucson, AZ

### **Dermatology**

University of Texas  
Southwestern Medical Center  
Dallas, TX



## **NEIL SINHA**

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

University of California-Los Angeles  
Los Angeles, CA

### **Residency:**

#### **Transitional**

St. Agnes Medical Center  
Fresno, CA

### **Physical Medicine and Rehabilitation**

Mayo Clinic School of Graduate  
Medical Education  
Rochester, MN



## **JACOB FREEMAN SMITH**

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

Brigham Young University  
Provo, Utah

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

Arizona State University  
Tempe, AZ

### **Residency:**

#### **Ophthalmology**

University of Miami/Bascom Palmer  
Miami, FL



## **JULIANNA SMITH**

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

Arizona State University  
Tempe, AZ

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

Arizona State University  
Tempe, AZ

### **Residency:**

#### **Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Scottsdale, AZ



## **HENRY OWEN STONNINGTON**

### **B.A., Arabic; International Studies**

University of Mississippi  
University, MS

### **Residency:**

#### **Neurological Surgery**

University of Wisconsin  
Hospitals and Clinics  
Madison, WI



# Arizona Doctor of Medicine



**RYAN TATTON**

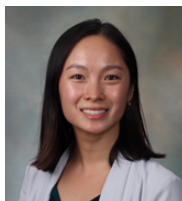
**B.S., Biomedical Engineering**

University of Utah  
Salt Lake City, UT

**Residency:**

**Internal Medicine**

University of Utah Health  
Salt Lake City, UT



**MEAGAN TRAN**

**B.S., Biomedical Engineering**

University of Arizona  
Tucson, AZ

**Residency:**

**Ophthalmology**

Vanderbilt University Medical Center  
Nashville, TN



**MICHAL TURKIEWICZ**

**A.B., Chemistry and Physics**

Harvard University  
Cambridge, MA

**Residency:**

**Family Medicine**

Brown University/Kent Hospital  
Pawtucket, RI



**SANDEEP SAI VOLETI**

**B.S., Biology; Sociology**

Emory University  
Atlanta, GA

**M.P.H.**

Harvard University  
Cambridge, MA

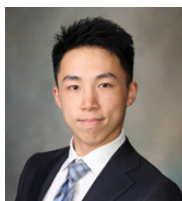
**M.S., Science of Healthcare Delivery**

Arizona State University  
Tempe, AZ

**Residency:**

**Urology**

Mayo Clinic School of  
Graduate Medical Education  
Phoenix, AZ



**SAMUEL WU**

**B.S., Microbiology, Immunology,  
and Molecular Genetics**

University of California-Los Angeles  
Los Angeles, CA

**Residency:**

**Pathology – Anatomic and Clinical**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



# 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 2024 would like to express our sincere gratitude to the many individuals who have shaped and supported us during our medical training.

First, to the patients of Mayo Clinic who have graciously allowed us to learn from and with them ... our medical education would not be possible without them. We give special thanks to the patients who generously repeated their histories, underwent additional physical exams and volunteered to spend extra time with medical students. We greatly appreciate their contribution to our education.

To the faculty members, preceptors, fellows and residents who have guided our development from medical students into doctors ... we thank the basic science faculty who equipped us to understand the basis of disease and treatment, and we appreciate their dedication to promoting our learning and answering our questions (and also ensuring we passed STEP1). We thank our clinical preceptors who have guided us through the (sometimes awkward) transition into clinical medicine, and we appreciate the ways that they have helped us grow in skills, experience and confidence. Our clinical faculty have shown us what “the needs of the patient come first” truly means, and we will carry these lessons and examples with us into residency.

To the MCASOM deans, staff, and administrators who have given so much time and attention to the behind-the-scenes details that ensure smooth learning ... although we may never know the extent of their quiet and tireless work on our behalf, we appreciate their caring about us as people first and medical students second. Our experience would not be the same without them. They were with us through the highs and lows of education during a pandemic, making the seemingly impossible feel like just another day of medical school.

To our friends, family and fellow students who have supported us so well during our medical education ... we thank you for strengthening us through challenging times and for responding graciously when we were anxious, stressed, short of time or unable to be present. We thank our fellow students who have fundamentally shaped our medical education, who have shared our successes and failures and who have continued to laugh at our increasingly obscure medical jokes. You have made this journey more than we could have ever imagined and will forever be a part of our earliest steps into being a physician.

“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, to the generous benefactors of Mayo Clinic ... you have helped ensure that MCASOM has the resources to offer us a world-class education. We appreciate your generosity and commitment — it makes all the difference.

Because of all of your support, patience and encouragement, today we graduate. Today, we become physicians. Thank you.

*Mayo Clinic Alix School of Medicine  
Arizona Campus Class of 2024*

# Minnesota Class of 2024

May 22, 2024

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



# Minnesota Commencement Program

MAY 22, 2024

**Processional**      Bagpipers  
Platform Participants  
Faculty Representatives  
Graduates

**Welcome from the Executive Dean**      Fredric B. Meyer, M.D.

**Remarks by the President and CEO, Mayo Clinic**      Gianrico Farrugia, M.D.

**Commencement Address**      Bryce A. Binstadt, M.D., Ph.D.

**MCGSBS Dean's Remarks and Awards**      Leigh G. Griffiths, MRCVS, Ph.D.

**MCGSBS Student Address**      Danielle J. Beetler

**Conferring of Ph.D. and Masters' Degrees**      Fredric B. Meyer, M.D.  
Leigh G. Griffiths, MRCVS, Ph.D.  
John R. Hawse IV, Ph.D.  
J. Luis Lujan, Ph.D., M.S.  
Virginia M. Shapiro, Ph.D.

**MCASOM Dean's Remarks and Awards**      Fredric B. Meyer, M.D.

**MCASOM Student Address**      Jeffrey T. Woods

**Conferring of Medical Degrees**      Fredric B. Meyer, M.D.  
J. Michael Bostwick, M.D., M.F.A.  
Joseph J. Maleszewski, M.D.  
Rochelle R. Torgerson, M.D., Ph.D.

**Reading of the Physician's Pledge**      Fredric B. Meyer, M.D.  
All M.D. attendees and graduates

**Concluding Remarks**      Fredric B. Meyer, M.D.

**Recessional**

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

# Minnesota Platform Participants

*In order of appearance*

## **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,  
Mayo Clinic College of Medicine and Science

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

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

## **BRYCE A. BINSTADT, M.D., PH.D.**

Commencement Speaker

## **LEIGH G. GRIFFITHS, MRCVS, PH.D.**

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

## **DANIELLE J. BEETLER**

Student Speaker, Mayo Clinic Graduate School of  
Biomedical Sciences

## **JOHN R. HAWSE IV, PH.D.**

Professor of Biochemistry and Molecular Biology,  
Mayo Clinic College of Medicine and Science

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

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

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

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

## **JEFFREY T. WOODS**

Student Speaker, Mayo Clinic Alix School of Medicine

## **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

## **JOSEPH J. MALESZEWSKI, M.D.**

Senior Associate Dean for Academic Affairs,  
Mayo Clinic Alix School of Medicine  
Professor of Laboratory Medicine and Pathology,  
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.

# Minnesota

## Commencement Speaker

### **BRYCE A. BINSTADT, M.D., PH.D.**

Bryce A. Binstadt, M.D., Ph.D., is a physician-scientist and pediatric rheumatologist. He is a professor of pediatrics and director of the Division of Pediatric Rheumatology, Allergy and Immunology at the University of Minnesota.

Dr. Binstadt graduated from Carleton College in 1992 and was a student in the Mayo Medical School M.D.-Ph.D. Program from 1992-1999. His interest in immunology and in pediatrics was sparked by his Ph.D. thesis mentor, the late Paul J. Leibson, M.D., Ph.D. Dr. Binstadt pursued residency training in pediatrics in the Boston Combined Residency Program (Boston Children's Hospital and Boston Medical Center) followed by fellowship training in pediatric rheumatology, also at Boston Children's Hospital. As a fellow, he undertook postdoctoral research training at Harvard Medical School in the laboratory of Drs. Diane Mathis and Christophe Benoist, studying models of inflammatory arthritis.

In 2007, Dr. Binstadt moved back to Minnesota to start his own laboratory at the University of Minnesota Center for Immunology. His research team focuses on the immunopathogenesis of cardiovascular disease in the setting of systemic autoimmune/ rheumatic diseases. In addition to his research and clinical activities, Dr. Binstadt is deeply committed to educating physician-scientists and pediatric rheumatologists. He is an associate director of the University of Minnesota Medical Scientist Training Program (M.D./Ph.D.), director of the Pediatric Physician Scientist Training Program (PSTP), and director of the Pediatric Rheumatology Fellowship Program. In 2016, Dr. Binstadt was named a



Distinguished University Teaching Professor. In 2021, he received the Excellence in Investigative Mentoring Award from the American College of Rheumatology. He currently volunteers as vice president of the Rheumatology Research Foundation.

Dr. Binstadt lives in Stillwater, Minnesota, with his wife Emily Spilseth Binstadt, M.D., M.P.H. (Mayo Medical School, '99). They have two daughters, one dog and two chickens. Their family enjoys traveling, water-skiing, tennis and summer trips to the Boundary Waters.

# Doctor of Philosophy



## **ABUDUMIJITI (ZACK) AIBAIDULA**

### **M.D.**

Shanghai Medical College  
Shanghai, China

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

Advisor: Ian F. Parney, M.D., Ph.D.  
Thesis: Plasma Extracellular  
Vesicles as Biomarkers for  
Glioblastoma: Characterization  
and Molecular Phenotype

### **Position**

Neurosurgery Resident  
University of Missouri  
Columbia, MO



## **KATHERINE M. ARNOLD**

### **M.Eng., Biomedical Engineering**

University of Southampton  
Southampton, United Kingdom

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

Advisor: Jennifer J. Westendorf, Ph.D.  
Thesis: Phlpp1 and Articular  
Cartilage Mechanical Integrity in  
Post Traumatic Osteoarthritis

### **Position**

Research Fellow  
Mayo Clinic  
Department of Orthopedic Surgery  
Rochester, MN



## **MATTHEW RYAN BAKER**

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

Gustavus Adolphus College  
St. Peter, MN

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

University of Nebraska at Omaha  
Omaha, NE

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

Advisor: Doo-Sup Choi, Ph.D.  
Thesis: External Globus Pallidus Input  
to the Dorsal Striatum Regulates  
Habitual Reward-Seeking Behavior

### **Position**

Research Fellow  
Mayo Clinic  
Department of Neurosurgery  
Rochester, MN



## **LYDIA BARDWELL SPELTZ**

### **B.S., Mechanical Engineering**

University of Minnesota  
Minneapolis, MN

### **B.ASc., Applied Mathematics**

University of Northwestern-St. Paul  
St. Paul, MN

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

Advisor: Matt A. Bernstein, Ph.D.  
Thesis: Evaluation of MR  
Electromagnetic Fields for  
Subjects with Implanted Devices

### **Position**

Research Fellow  
Mayo Clinic  
Radiology  
Rochester, MN



## **DANIELLE JEANETTE BEETLER**

### **B.S., Biomedical Sciences**

University of Central Florida  
Orlando, FL

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

Advisor: DeLisa Fairweather, Ph.D.  
Thesis: Biogenic Nanoparticles  
as Regenerative Therapies for  
Viral Myocarditis and Dilated  
Cardiomyopathy

### **Position**

Medical Writing Specialist  
Edwards Life Science  
Irvine, CA



## **JEREMY (JEZ) D. BURGESS\*\***

### **B.S., Neuroscience**

University of Leeds  
Leeds, United Kingdom

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

### **Regenerative Sciences**

Advisor: Pam J. McLean, Ph.D.  
Thesis: Harnessing the Mesenchymal  
Stromal Cell Secretive to Target  
Alpha-Synuclein Associated  
Dysfunction in Parkinson's Disease  
and Related Disorders

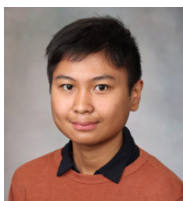
### **Position**

Research Associate  
University of North Carolina  
Thurston Arthritis Research Center  
Chapel Hill, NC

\*\*denotes participant of Florida Commencement Program on May 18, 2024



# Doctor of Philosophy



## **MIKA CADIZ\*\***

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

University of Minnesota  
Morris, MN

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

Advisor: John D. Fryer, Ph.D.  
Thesis: Microglia, Inflammation,  
and Immunotherapy Dynamics  
in Alzheimer's Disease

### **Position**

Postdoctoral Associate  
Weill Cornell Medicine,  
Cornell University  
Department of Neuroscience  
New York, NY



## **DAMIAN NICOLAS DI FLORIO**

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

Robert Morris University  
Moon, PA

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

Advisor: DeLisa Fairweather, Ph.D.  
Thesis: Sex Differences in Cardiac  
and Mitochondrial Dynamics during  
CVB3 Myocarditis

### **Position**

Research Fellow  
Mayo Clinic  
Department of Neuroscience  
Jacksonville, FL



## **LUKE CHARLES DOSKEY**

### **B.S., Chemistry; Biochemistry and Molecular Biology**

Michigan Technological University  
Houghton, MI

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

Michigan Technological University  
Houghton, MI

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

Advisor: Harmeet Malhi, M.B.B.S.  
Thesis: Investigating the Role of  
Human BRO1 Orthologs in  
Extracellular Vesicle Biogenesis

### **Position**

Research Fellow  
Mayo Clinic  
Gastroenterology Research Unit  
Rochester, MN



## **KAREN DSOUZA**

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

Oregon State University  
Corvallis, OR

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

Advisors: Felicity T. Enders, Ph.D.;  
Zaraq Khan, M.B.B.S.  
Thesis: A Mixed-Methods Approach to  
Understanding the Gender-Affirming  
Care and Fertility Preservation  
Experiences of Transgender and  
Gender-Diverse Patients

### **Position**

Research Scientist  
Washington University  
School of Medicine  
Department of Neurology  
St. Louis, MO



## **CODY RAY FISHER**

### **B.S., Biology; Microbiology**

University of Wisconsin-La Crosse  
La Crosse, WI

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

Advisor: Robin Patel, M.D.  
Thesis: Immune Response to  
Periprosthetic Joint Infection and  
Non-Infectious Arthroplasty Failure

### **Position**

Science Analyst  
U.S. Department of Health and  
Human Services  
Washington, D.C.



## **JOANINA KATHONI GICOBİ**

### **B.S., Biology; Psychology**

Clarkson University  
Potsdam, NY

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

Advisor: Haidong Dong, M.D., Ph.D.  
Thesis: CD8+ T Cell Resilience in  
Cancer Immunotherapy

### **Position**

Research Fellow  
Mayo Clinic  
Department of Medical Oncology  
Rochester, MN

\*\*denotes participant of Florida Commencement Program on May 18, 2024



# Doctor of Philosophy



## **ETHAN MILES GRUND\***

### **B.A., Neuroscience; Biology**

Wesleyan University  
Middletown, CT

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

Advisor: Charles L. Howe, Ph.D.  
Thesis: Inhibition of the Pentose Phosphate Pathway in Cytotoxic T Lymphocytes Ameliorates Neuroinflammatory Disease

### **Position**

Neurology Resident  
Barnes-Jewish Hospital  
St. Louis, MO



## **SYDNEY GORMAN HILLAN**

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

Purdue University  
West Lafayette, IN

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

Advisor: J. Luis Lujan, Ph.D., M.S.  
Thesis: The Effect of Deep Brain Stimulation of the Subthalamic Nucleus on Anxiety in Parkinson's Disease

### **Position**

Research Fellow  
Mayo Clinic  
Department of Neurosurgery  
Rochester, MN



## **PHILIP MICHAEL HOLMES**

### **B.S.E., Mechanical Concentration**

Calvin College  
Grand Rapids, MI

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

Advisors: Matthew W. Urban, Ph.D.; Shawn W. O'Driscoll, M.D., Ph.D.  
Thesis: Improving Ultrasonic Detection of Osteochondritis Dissecans Using Delay-Multiply-and-Sum Reconstruction



## **SARAH KATHERINE JACHIM**

### **B.S., Microbiology**

Virginia Tech  
Blacksburg, VA

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

Advisor: Nathan K. LeBrasseur, Ph.D., M.S.  
Thesis: Cellular Senescence, Circadian Rhythmicity, and Aging

### **Position**

Research Fellow  
Boston Children's Hospital  
Craft Lab, Department of Orthopedics  
Boston, MA



## **LINSEY ELISE JACKSON**

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

Massachusetts Institute of Technology  
Cambridge, MA

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

Advisors: Lewis R. Roberts, M.B., Ch.B., Ph.D.; Arjun P. Athreya, Ph.D., M.S.  
Thesis: Addressing Barriers to Biomarker Translation: Data and Diversity

### **Position**

Advisor  
Eli Lilly  
Genomics and Bioinformatics  
Indianapolis, IN



## **SCOTT MICHAEL JOHNSON**

### **B.S., Biology; Chemistry**

Concordia University  
Seward, NE

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

Advisor: Jun Liu, M.D., Ph.D.  
Thesis: The Role of PNPLA3 in the Hepatic Lipogenesis Response

### **Position**

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

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

# Doctor of Philosophy



## **JANNIFER HANUL LEE\*\***

### **B.A., Psychology**

Brandeis University  
Waltham, MA

### **A.L.M., Biological Sciences**

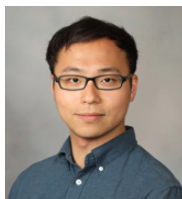
Harvard University  
Cambridge, MA

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

Advisor: Wilfried O. Rossoll, Ph.D.  
Thesis: Proximity Proteomic Profiling  
of Pathological Tau Aggregates  
Uncovers Novel Tau Associated  
Proteins in Tauopathies

### **Position**

Research Fellow  
Mayo Clinic  
Department of Neuroscience  
Jacksonville, FL



## **SHAO-CHIA LU**

### **B.S., Biochemical Science and Technology**

National Taiwan University  
Taipei, Taiwan

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

Advisor: Michael A. Barry, Ph.D.  
Thesis: Engineering Adenoviral Vectors  
for Oncolytic Immunotherapy

### **Position**

Research Fellow  
Mayo Clinic  
Department of Infectious Diseases  
Rochester, MN



## **CLAUDIA MANRIQUEZ ROMAN**

### **B.S., Microbiology**

The University of Texas at El Paso  
El Paso, TX

### **M.Sc., Biological Sciences**

The University of Texas at El Paso  
El Paso, TX

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

Advisor: Saad J. Kenderian, M.B., Ch.B.  
Thesis: Modulation of CAR-T Cell  
Activation to Enhance Antitumor  
Response Via CRISPR-Mediated Gene  
Editing and Combined Immunotherapy

### **Position**

Process Development Engineer  
Mayo Clinic  
Center for Regenerative Biotherapeutics  
Rochester, MN



## **MICHAEL JAMES MEDLYN**

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

University of Minnesota-Morris  
Morris, MN

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

Advisor: Daniel D. Billadeau, Ph.D.  
Thesis: Regulation of NK Cell-  
Mediated Cytotoxicity by Guanine  
Nucleotide Exchange Factors

### **Position**

Research Fellow  
Mayo Clinic  
Department of Immunology  
Rochester, MN



## **DEBORAH J. MSEKELA**

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

Grinnell, IA

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

Advisor: Steven M. Sine, Ph.D.  
Thesis: Investigation of Epileptogenic  
Channelopathy Reveals  
Inter-Helical Interactions Tuning  
Achr Channel Gating



## **PEI YI NG**

### **B.S., Biomedical Sciences**

Imperial College London  
London, United Kingdom

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

Advisor: Darren J. Baker, Ph.D., M.S.  
Thesis: Cellular Senescence in  
Neurodegenerative Disease

### **Position**

Scientist  
Agency of Science, Technology,  
and Research  
Skin Research Lab  
Singapore

# Doctor of Philosophy



**EVAN N. NICOLAI**

**B.S., Health Sciences**

University of Minnesota-Rochester  
Rochester, MN

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

Advisor: Gregory A. Worrell, M.D., Ph.D.  
Thesis: Avoiding Side Effects and  
Artifacts of Vagus Nerve Stimulation



**EMILY S. NORTON\*\***

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

University of Connecticut  
Storrs, CT

**Ph.D., Neuroscience**

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

**Position**

Research Fellow  
Mayo Clinic  
Department of Neurological Surgery  
Jacksonville, FL



**SOWMIYA PALANI**

**B.Tech., Genetic Engineering**

SRM University  
Chennai, Tamil Nadu, India

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

Advisors: Matthew J. Schellenberg, Ph.D.;  
Yuichi Machida, Ph.D.  
Thesis: Molecular Mechanism of  
FAM111A, A Dimeric Protease  
Involved in DNA Damage Response

**Position**

Research Grants Manager  
Cancer Research UK  
Discovery Research  
London, United Kingdom



**ANJALI JACOB PANICKER**

**B.Eng., Biotechnology**

University of Mumbai  
Mumbai, Maharashtra, India

**M.S., Medical Biotechnology**

University of Illinois at Chicago  
Chicago, IL

**Ph.D., Immunology**

Advisor: Leigh G. Griffiths, MRCVS, Ph.D.  
Thesis: The Role of Non-Human  
Leukocyte Antigen (Non-HLA)  
Antibodies in Initiating and  
Propagating Rejection Pathologies  
in Heart Transplantation

**Position**

Postdoctoral Associate  
Yale University School of Medicine  
Departments of Immunobiology and  
Neurology  
New Haven, CT



**JOSEPH PANOS\***

**B.S., Biomedical Engineering**

The Ohio State University  
Columbus, OH

**M.S., Biomedical Engineering**

The Ohio State University  
Columbus, OH

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

Advisor: Christopher H. Evans, Ph.D.  
Thesis: Immunomodulation to  
Improve the Clinical Performance  
of Bone Morphogenetic Protein 2

**Position**

Orthopedic Surgery Resident  
Mayo Clinic  
Mayo Clinic School of Graduate  
Medical Education  
Rochester, MN



**KEENAN S. PEARSON**

**B.S., Biochemistry and Molecular  
Biology; Chemistry**

Bethel University  
St. Paul, MN

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

Advisor: Jim Maher III, Ph.D.  
Thesis: New Applications of In  
Vitro Selection with Nucleic Acids

**Position**

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

\*denotes M.D.-Ph.D. dual degree program \*\*denotes participant of Florida Commencement Program on May 18, 2024

# Doctor of Philosophy



## GLANCIS LUZEENA RAJA

### B.Tech., Biotechnology

SRM University  
Chennai, Tamil Nadu, India

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

Advisor: Martin E. Fernandez-Zapico, M.D.  
Thesis: KMT2D Mediates Chemotherapy Response in Pancreatic Cancer

### Position

Postdoctoral Fellow  
Karolinska Institutet  
Simon Elsäasser Laboratory,  
Department of Medical Biophysics  
and Biochemistry  
Stockholm, Sweden



## RAMEEN SHAH

### B.S., Biology

New Jersey City University  
Jersey City, NJ

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

Advisors: Laszlo T. Kozicz, M.D., Ph.D.;  
Eva Morava-Kozicz, M.D., Ph.D.  
Thesis: Clinical Outcomes, Guidelines,  
and Neuronal Pathomechanism  
of ALG13-CDG

### Position

Postdoctoral Fellow  
Icahn School of Medicine  
at Mount Sinai  
Department of Genetics and  
Genomic Science  
New York, NY



## COURTNEY SMITH\*\*

### B.S., Genetics

Iowa State University  
Ames, IA

### Ph.D., Neuroscience

Advisor: Wilfried O. Rossoll, Ph.D.  
Thesis: Intracellular Transport Defects  
and the Role of NUP50 in TDP-43  
Proteinopathies

### Position

Postdoctoral Fellow  
University of Pennsylvania  
Institute on Aging  
Philadelphia, PA



## UTKARSH TRIPATHI

### B.Eng., Bioengineering

Birla Institute of Technology-Mesra  
Mesra, Jharkhand, India

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

Texas A&M University  
College Station, TX

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

Advisor: James L. Kirkland, M.D., Ph.D.  
Thesis: Different Subsets of Senescent  
Cells Have Distinct Molecular and  
Functional Characteristics

### Position

Research Fellow  
Mayo Clinic  
Department of Biomedical Engineering  
and Physiology  
Rochester, MN



## KENNETH ANDREW VALLES\*

### B.S., Integrative Biology

University of Colorado-Denver  
Denver, CO

### M.P.H., International and Humanitarian Health

Johns Hopkins University  
Baltimore, MD

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

Advisor: Lewis R. Roberts,  
M.B., Ch.B., Ph.D.  
Thesis: Liver Disease among Migrant  
Populations: Improving Prevention  
and Outcomes

### Position

Emergency Medicine Resident  
University of Cincinnati Medical Center  
Cincinnati, OH



## TIANCHU WANG

### B.S., Biotechnology

Anqing Normal University  
Anqing, Anhui, China

### M.S., Biochemistry

Tulane University  
New Orleans, LA

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

Advisor: Keith D. Robertson, Ph.D.  
Thesis: Role of SETD2 in Kidney  
Cancer Progression

### Position

Research Fellow  
Harvard Medical School  
Dana-Farber Cancer Institute  
Boston, MA

\*denotes M.D.-Ph.D. dual degree program \*\*denotes participant of Florida Commencement Program on May 18, 2024

# Doctor of Philosophy



## CHELSAE WATTERS

### B.S., Biology

University of North Carolina  
Chapel Hill, NC

### Ph.D., Immunology

Advisor: Mitesh J. Borad, M.D.  
Thesis: Evaluation of Oncolytic  
Vesiculovirus Efficacy and Resistance  
in Multiple Cancer Models

### Position

Scientist  
Boehringer Ingelheim  
Biotherapeutics Development  
Arlington, TX



## LILA WITT

### B.S., Biology

University of Minnesota  
Minneapolis, MN

### Ph.D., Immunology

Advisor: Kathryn A. Knoop, Ph.D.  
Thesis: Streptococcus Agalactiae  
and Escherichia Coli Induce Distinct  
Effector  $\Gamma\delta$  T Cell Responses  
During Neonatal Sepsis and  
Neuroinflammation



## YUE WU

### M.B.B.S.

Sun Yat Sen Medical School,  
Sun Yat-Sen University  
Guangdong, China

### M.S., Biology

New York University  
New York, NY

### Ph.D., Immunology

Advisor: Haidong Dong, M.D., Ph.D.  
Thesis: Age-Associated Immune  
Alterations in Respiratory Track

### Position

Research Associate  
University of Virginia  
Carter Immunology Center  
Charlottesville, VA



## JIAYING (FIONA) ZHENG

### B.S., Biotechnology

Rutgers University  
New Brunswick, NJ

### M.S., Molecular Genetics

Rutgers University  
New Brunswick, NJ

### Ph.D., Neuroscience

Advisor: Long-Jun Wu, Ph.D.  
Thesis: Neuroimmune Mechanisms of  
Glioma: Focusing on Myeloid Cells

### Position

Research Fellow  
University of Texas-Houston  
Department of IMM Center for  
Neuroimmunology and Glial Biology  
Houston, TX

# Master in Biomedical Sciences



**JOSEPH C. AHN**

**B.S., Cell and Cellular and**

**Molecular Biology**

University of California-Berkeley  
Berkeley, CA

**M.D.**

University of California-San Francisco  
San Francisco, CA

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

Advisor: Vijay Shah, M.D.  
Thesis: Development of the  
AI-Cirrhosis-ECG (ACE) Score for  
Diagnosis and Prognostication in  
Patients With Liver Cirrhosis

**Position**

Mayo Clinic Scholar  
Mayo Clinic  
Department of Gastroenterology  
Rochester, MN



**ALINA M. ALLEN**

**M.D.**

Grigore T. Popa University of  
Medicine and Pharmacy  
Iasi, Romania

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

Advisor: Vijay Shah, M.D.  
Thesis: Development of a  
Magnetic Resonance Elastography-  
Based Model for Diagnosis of  
Nonalcoholic Steatohepatitis



**IRINA BANCOS**

**M.D.**

Iuliu Hațieganu University of  
Medicine and Pharmacy  
Cluj-Napoca, Romania

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

Advisor: Sundeep Khosla, M.D.  
Thesis: Impact of Mild Autonomous  
Cortisol Secretion on Bone Health

**Position**

Consultant  
Mayo Clinic  
Department of Endocrinology  
Rochester, MN



**ARCHIS RAMKRISHNA BHANDARKAR**

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

**Electrical Engineering**

Massachusetts Institute of Technology  
Cambridge, MA

**M.D.**

Mayo Clinic Alix School of Medicine  
Rochester, MN

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

Advisor: Mohamad Bydon, M.D.  
Thesis: Building an Artificial  
Intelligence Toolkit to Augment  
Perioperative Workflows in  
Emergent Spine Surgery

**Position**

Neurological Surgery Resident  
Mayo Clinic  
Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**KELLY HALL BRUCE**

**B.A., Biological Chemistry**

Grinnell College  
Grinnell, IA

**M.D.**

University of Wisconsin School of  
Medicine and Public Health  
Madison, WI

**M.S., Gynecologic Oncology**

Advisor: Bill Cliby, M.D.  
Thesis: Valuation of a Novel,  
Multidisciplinary Surgical Approach  
for Vulvar Paget's Disease

**Position**

Gynecologic Oncology Resident  
Mayo Clinic  
Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**KRISTIN E. CARDIEL NUNEZ**

**B.S., Biology**

Wayne State University  
Detroit, MI

**M.D.**

Mayo Clinic Alix School of Medicine  
Jacksonville, FL

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

Advisor: Phil R. Fischer, M.D.  
Thesis: The Relationship of Lactate  
and Thiamine Responsive Disorders  
among Infants and Young Children in  
Lao People's Democratic Republic

**Position**

Pediatrics – Medical Genetics  
Resident  
University of Pennsylvania  
Philadelphia, PA



# Master in Biomedical Sciences



## ISIN YAGMUR COMBA

### M.D.

Gazi University School of Medicine  
Ankara, Turkey

### M.S., Artificial Intelligence in Healthcare

Advisor: Jack C. O'Horo, M.D., M.P.H.  
Thesis: The Baseline Gut Microbiome Offers Insights into Predicting and Understanding the Heterogeneous Nature of Long COVID

### Position

Mayo Foundation Scholar  
Mayo Clinic  
Department of Infectious Diseases  
Rochester, MN



## ADELA GRACE COPE

### B.A., Biology

Wartburg College  
Waverly, IA

### M.D.

University of Iowa  
Iowa City, IA

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

Advisor: Shannon K. Laughlin-Tommaso, M.D.

Thesis: Microbiome and Immunologic Analysis of the Lower and Upper Female Reproductive Tract in Women with Endometriosis

### Position

Senior Associate Consultant  
Mayo Clinic  
Department of Obstetrics and Gynecology  
Rochester, MN



## ELIZABETH DILLINGER

### B.S., Chemistry

University of Wisconsin-Oshkosh  
Oshkosh, WI

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

Advisor: Peter C. Harris, Ph.D.  
Thesis: Determining the Efficacy of Readthrough Therapy in ADPKD



## MEGAN T. DU

### B.S., Biology

Indiana University  
Bloomington, IN

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

Advisor: Marta Chesi, Ph.D.;  
Leif Bergsagel, M.D.  
Thesis: Immunocompetent Mouse Models of Multiple Myeloma: Therapeutic Implications

### Position

Senior Research Technologist  
Mayo Clinic  
Research Shield  
Scottsdale, AZ



## GABRIEL FIGUEROA PARRA

### M.D.

Universidad Autónoma de Nuevo León  
Monterrey, Mexico

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

Advisor: Cindy S. Crowson, Ph.D.  
Thesis: Ominosity in Systemic Lupus Erythematosus: Utility of the 2019 EULAR/ACR Classification Criteria Score as Predictor for Mortality and Hospitalization

### Position

Assistant Professor  
Universidad Autonoma de Nuevo Leon  
Rheumatology Service  
Monterrey, Mexico



## TRAVIS E. GROTZ

### B.A., Psychology

St. John's University  
Collegeville, MN

### M.D.

Creighton University School of Medicine  
Omaha, NE

### M.S., Immunology

Advisor: Mark J. Truty, M.D., M.S.  
Thesis: Hyperthermic Intraperitoneal Chemotherapy for Oligometastatic Pancreas Cancer to the Peritoneum

### Position

Associate Professor  
Mayo Clinic  
Department of Surgery  
Rochester, MN

# Master in Biomedical Sciences



## ELISA I. HERRMAN

### D.M.D.

Oregon Health and Science University  
Portland, OR

### M.S., Orthodontics

Advisor: Olivia M. Muller, D.D.S.  
Thesis: Factors Influencing  
Compliance with and Completion of  
Nasoalveolar Molding Treatment in  
Infants with Cleft Lip and Palate

### Position

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



## PEYTON HICKMAN\*\*

### B.S., Biochemistry and Microbiology

University of Tennessee  
Knoxville, TN

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

Advisor: John A. Copland III, Ph.D.  
Thesis: CRISPR/Case Based Fusion  
Oncogene Targeting in Translocation  
Renal Cell Carcinoma

### Position

Medical Student  
Vanderbilt University  
Medical Scientist Training Program  
Nashville, TN



## SHANNON HOLMBERG

### B.S., Health Sciences

University of Minnesota-Rochester  
Rochester, MN

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

Advisor: Michael F. Romero, Ph.D.  
Thesis: The Role of Na<sup>+</sup>-Coupled  
Bicarbonate Transporters (NCBT)  
in Health and Disease

### Position

Research Technologist  
Mayo Clinic  
Department of Physiology and  
Biomedical Engineering  
Rochester, MN



## WILLIAM ALAN JONS

### B.A., Chemistry; Biochemistry and Molecular Biology

Gustavus Adolphus College  
Saint Peter, MN

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

Advisors: David R. Holmes III, Ph.D.;  
Stacey J. Winham, Ph.D.  
Thesis: Identifying Genetic and Tissue  
Composition Differences Associated  
with Progression to Breast Cancer in  
Women with Benign Breast Disease



## DANIEL D. JOYCE

### B.F.A., Acting

New York University  
New York, NY

### M.D.

Mayo Clinic Alix School of Medicine  
Rochester, MN

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

Advisor: Stephen A. Boorjian, M.D.  
Thesis: A Mixed Methods Approach  
to Understanding Financial Toxicity  
in Advanced Prostate Cancer

### Position

Fellow  
Mayo Clinic  
Department of Urologic Oncology  
Rochester, MN



## APARNA KAILASAM

### B.S., Molecular Biology

University of Denver (DU)  
Denver, CO

### MBA, International Business

DU-Daniels College of Business  
Denver, CO

### M.D.

Creighton University School of Medicine  
Omaha, NE

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

Advisors: Bill Cliby, M.D.;  
Carrie L. Langstraat, M.D.  
Thesis: Endometrial Cancer and  
the Obesity Conundrum

### Position

Fellow  
Mayo Clinic  
Department of Gynecologic Oncology  
Rochester, MN

\*\*denotes participant of Florida Commencement Program on May 18, 2024



# Master in Biomedical Sciences



## MOHAMUD KODAH

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

University of Minnesota-Duluth  
Duluth, MN

### B.A., Chemistry

University of Minnesota-Duluth  
Duluth, MN

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

Advisor: Martin E. Fernandez-Zapico, M.D.  
Thesis: Single Cell Sequencing Technologies Overview in Myeloid Neoplasm

#### Position

Technical Specialist  
Mayo Clinic  
Department of Laboratory Medicine and Pathology  
Rochester, MN



## NARAYAN GURUKRIPA KOWLGI

### M.S., Artificial Intelligence in Healthcare

Advisor: Samuel J. Asirvatham, M.D.  
Thesis: Deep-Learning Models for the Prognostication and Localization of Premature Ventricular Contractions Using a 12-Lead Electrocardiogram

#### Position

Senior Associate Consultant  
Mayo Clinic  
Department of Cardiovascular Medicine  
Rochester, MN



## RONSTAN LOBO

### M.B., B.Ch., B.A.O., Medicine

Penang Medical College,  
National University of Ireland  
Dublin, Ireland

### B.Med.Sc., Medical Science

Penang Medical College,  
National University of Ireland  
Dublin, Ireland

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

Advisor: Allan S. Jaffe, M.D.  
Thesis: Myocardial Injury During Procedures

#### Position

Fellow  
Mayo Clinic  
Department of Preventive Cardiology  
Rochester, MN



## TAYLOR LEVEE

### B.S., Biology

University of California-Irvine  
Irvine, CA

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

Advisor: Jane Zhu, M.D., Ph.D.  
Thesis: Understanding the Cooperation of Gas7 Loss and MYCN Overexpression in Neuroblastoma Pathogenesis



## GABRIELLA CECILIA MALAVE

### B.A., Integrative Biology

University of California-Berkeley  
Berkeley, CA

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

Advisor: Arjun P. Athreya, Ph.D., M.S.  
Thesis: Digital Health and Wearable Technologies for the Diagnosis and Management of Suicidality in Adolescents and Young Adults: A Scoping Review

#### Position

Medical Student  
University of Missouri  
School of Medicine  
Columbia, MO



## KAVINI NANAYAKKARA

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

California State University-Northridge  
Northridge, CA

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

Advisor: Karl J. Clark, Ph.D.  
Thesis: Applications of RNA-Binding PPR Proteins in Therapeutics

#### Position

Senior Research Technologist  
Mayo Clinic  
Department of Nephrology and Hypertension  
Rochester, MN

# Master in Biomedical Sciences



## **MICHAEL FRANKLIN NEBLETT, II**

### **B.S., Medical Education**

East Tennessee State University  
Johnson City, TN

### **M.D.**

James H. Quillen College of Medicine  
Johnson City, TN

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

Advisors: Ebbie A. Stewart, M.D.;  
Daniel J. Tschumperlin, Ph.D.  
Thesis: Evaluation of the In Vivo Efficacy  
of the JAK Inhibitor AZD 1480 Against  
Uterine Leiomyomas in a Patient-  
Derived Xenogra Ft Mouse Model

### **Position**

Assistant Professor  
Division Of Reproductive  
Endocrinology and Infertility  
Emory Reproductive Center  
Atlanta, GA



## **MARY ROSE SAGSTETTER**

### **B.S., Microbiology; Life Science**

### **Communication**

University of Wisconsin-Madison  
Madison, WI

### **M.S., Immunology**

Advisor: William A. Faubion Jr., M.D.  
Thesis: Characterizing the Role  
of T Cells During Anti-TNFa  
Non-Responses in IBD for  
Medical Targeted Approach

### **Position**

Senior Research Technologist  
Mayo Clinic  
Rochester, MN



## **OLATUNDE OLA**

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

University of North Texas  
Health Science Center  
Fort Worth, TX

### **M.D.**

University of Ilorin  
Faculty of Health Sciences  
Ilorin, Kwara State, Nigeria

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

Advisors: Freddy Del-Carpio Munoz,  
M.D.; Michael Gharacholou, M.D., M.S.  
Thesis: Outcomes of Atrial Fibrillation  
Ablation in Community Hospitals with  
and Without On-site Cardiothoracic  
Surgery Availability

### **Position**

Cardiology Fellow  
Marshall University School of Medicine  
Department of Cardiovascular Diseases  
Huntington, WV



## **BETHANY SCHUDER**

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

Bethel University  
St. Paul, MN

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

Advisor: Bruce F. Horazdovsky, Ph.D.  
Thesis: Cholesterol Homeostasis and  
Alzheimer's Disease: An Extensive  
Review of Cholesterol Metabolism  
and Impacts of Dysregulation in  
Disease Development

### **Position**

Developer  
Mayo Clinic  
Department of Laboratory  
Medicine and Pathology  
Rochester, MN



## **VYANKA REDENBAUGH**

### **M.B., B.Ch., B.A.O., Medicine**

Trinity College  
Dublin, Ireland

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

Advisor: Eoin P. Flanagan, M.B., B.Ch.  
Thesis: Serologic, CSF, and  
Radiologic Biomarkers of MOGAD:  
Improving Diagnostic Tools and  
Immunopathogenic Insights

### **Position**

Clinical Immunology Resident  
Royal Hospitals Belfast  
Belfast, Northern Ireland,  
United Kingdom



## **HASSAN MUHUMED SHALEH**

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

University of Southern Maine  
Portland, ME

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

Advisor: Joel M. Reid, Ph.D.  
Thesis: Pharmacogenomics (PGX)  
in Africa: Making the Case for  
Implementation of Pharmacogenomics  
Testing in Africa

### **Position**

Technical Specialist  
Mayo Clinic  
Infectious Diseases Serology  
Laboratory  
Rochester, MN

# Master in Biomedical Sciences



**WHITNEY L. SIMON**

**B.S., Health Sciences**

University of Minnesota-Rochester  
Rochester, MN

**A.S., Business Administration  
and Management**

Riverside City College  
Riverside, CA

**M.S., Neuroscience**

Advisor: Isobel A. Scarisbrick, Ph.D.  
Thesis: Microglia, Immunomodulation,  
and Lipid Homeostasis in  
Neurodegeneration: A Review



**MICHAEL Q. SLAMA**

**B.S., Biochemistry and Molecular  
Biology; Human Biology**

Minnesota State University-Mankato  
Mankato, MN

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

Advisor: Bruce F. Horazdovsky, Ph.D.  
Thesis: From Blood Sugar to Body  
Weight: The Evolutionary Journey of  
GLP-1 Mimetics in Medical Treatment

**Position**

Program Manager  
Mayo Clinic  
Research Operations  
Rochester, MN



**AYSUN TEKIN**

**M.D.**

Istanbul University  
Istanbul, Turkey

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

Advisor: Ognjen Gajic, M.D.  
Thesis: Reliable Assessment  
of Rare but Life-Threatening  
Atypical Infections

**Position**

Research Fellow  
Mayo Clinic  
Department of Nephrology  
Rochester, MN



**AMANDA R. TERLAP**

**B.S., Biology**

University of Wisconsin-Whitewater  
Whitewater, WI

**M.S., Virology and Gene Therapy**

Advisor: Atta Behfar, M.D., Ph.D.  
Thesis: Extracellular-Vesicle  
Mediated Antiviral Protection

**Position**

Medical Writer  
Merck Sharpe & Dohme, LLC  
Clinical Data Disclosure  
and Transparency  
North Wales, PA



**DARLENE VARGAS-MALDONADO**

**M.D.**

Universidad Central del Caribe  
Bayamon, Puerto Rico

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

Advisor: John A. Occhino, M.D., M.S.  
Thesis: Assessing the Impact of  
Overactive Bladder Medication on  
Cognitive Function: A Prospective  
Longitudinal Population-  
Based Assessment

**Position**

Physician  
Baystate Hospital  
Department of Obstetrics  
and Gynecology  
Springfield, MA



**TIFFANY WU**

**B.A., Economics**

Rice University  
Houston, TX

**M.D.**

Texas A&M University  
College Station, TX

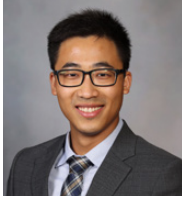
**M.S., Clinical and Translational Science**

Advisor: Vijay Shah, M.D.  
Thesis: Digital Phenotyping for  
Addiction in Alcohol-Associated  
Liver Disease

**Position**

Fellow  
Mayo Clinic  
Department of Medicine,  
Division of Gastroenterology and  
Hepatology, Transplant Center  
Rochester, MN

# Master in Biomedical Sciences



**TING ZHENG**

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

Advisor: Michael Camilleri, M.D., D.Sc.

Thesis: Put Away the Shotgun:

A Strive to Personalized Treatment  
of Gastroparesis

# Doctor of Philosophy & 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 challenging but amazing 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 lab partners, classmates, 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 celebration of this important time of transition. We did it!

*Mayo Clinic Graduate School of Biomedical Sciences  
Class of 2024*



**“Science knows no country.”**

William J. Mayo, M.D.

# Minnesota Doctor of Medicine



**REWAN MOHAMED ABDELWAHAB**

**A.B., Integrative Biology;  
African American Studies;  
Spanish**

Harvard College  
Cambridge, MA

**Residency:**

**Medicine – Preliminary**  
Texas Health Resources – Presbyterian  
Dallas, TX

**Dermatology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**MAYA ABDOU**

**B.S., Biology**

The University of Texas  
Rio Grande Valley  
Edinburg, TX

**Residency:**

**Medicine – Preliminary**  
MedStar Washington Hospital Center  
Washington, DC

**Radiation Oncology**

University of California – San Diego  
Medical Center  
La Jolla, CA



**AISHA ADEN**

**B.S., Biology**

Arizona State University  
Tempe, AZ

**Residency:**

**Otolaryngology**  
Icahn School of Medicine at  
Mount Sinai Hospital  
New York, NY



**SARAH BATBOLD**

**B.S., Biology**

New York University Abu Dhabi  
Abu Dhabi  
United Arab Emirates

**Residency:**

**Psychiatry**  
University of Washington  
Affiliated Hospitals  
Seattle, WA



**REBEKAH JEAN BIHUN**

**B.A., English Literature  
and Writing**

Bethel University  
St. Paul, MN

**Residency:**

**Surgery – Preliminary**  
Brigham and Women's Hospital  
Boston, MA

**Radiology – Diagnostic**

Brigham and Women's Hospital  
Boston, MA



**ANNIE COWAN**

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

Middlebury College  
Middlebury, VT

**Residency:**

**Internal Medicine/Investigator Pathway**  
University of California –  
San Diego Medical Center  
San Diego, CA



# Minnesota Doctor of Medicine



**PAIGE ELIZABETH CUMMINGS**

**B.S., Neuroscience**

Colorado State University  
Fort Collins, CO

**Residency:**

**Plastic Surgery (Integrated)**

Mayo Clinic School of  
Graduate Medical Education  
Jacksonville, FL



**STEFAN FARRUGIA**

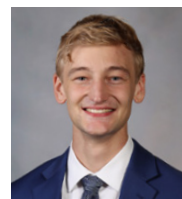
**B.S., Biology**

Emory University  
Atlanta, GA

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**NATHANIEL GIPE**

**B.S., Biology**

Hillsdale College  
Hillsdale, MI

**Residency:**

**Family Medicine**

Trinity Health  
Grand Rapids, MI



**BENJAMIN G. GORMAN**

**B.A., Clinical Psychology**

Tufts University  
Medford, MA

**Residency:**

**Anesthesiology**

Mayo Clinic School of Graduate  
Medical Education  
Rochester, MI



**HARRISON CHASE GOTTLICH**

**B.A., Biochemistry**

Baylor University  
Waco, TX

**Residency:**

**Urology**

University of Wisconsin  
Madison, WI



**ANNA BEATRICE GARCIA GRIMALDO**

**B.S., Microbiology**

University of California-Berkeley  
Berkeley, CA

**B.A., English**

University of California, Berkeley  
Berkeley, CA

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

Arizona State University  
Tempe, AZ

**Residency:**

**Internal Medicine**

Tufts Medical Center  
Boston, MA

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

# Minnesota Doctor of Medicine



**ETHAN MILES GRUND\***

**B.A., Neuroscience; Biology**

Wesleyan University  
Middletown, CT

**Residency:**

**Neurology**

Barnes-Jewish Hospital  
St. Louis, MO



**MATTHEW HAMILTON-CAVE**

**Microbiology**

University of Hawaii at Manoa  
Honolulu, HI

**Residency:**

**Transitional**

Abrazo Health Network  
Goodyear, AZ

**Radiology – Diagnostic**

Harbor – University of  
California, Los Angeles  
Torrance, CA



**NATHAN SEAN DAVID HEBEL**

**B.S., Biomedical Sciences**

University of Waterloo  
Waterloo, Ontario  
Canada

**Residency:**

**Plastic Surgery (Integrated)**

Cleveland Clinic Foundation  
Cleveland, OH



**MAURICIO JIN**

**B.S., Biology**

University of Utah  
Salt Lake City, UT

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**GRACE LIANG JOHNSON**

**B.A., English**

Carleton College  
Northfield, MN

**Residency:**

**Psychiatry/Child**

Brigham and Women's Hospital  
Boston, MA



**QUINN JAMARD JOHNSON**

**B.A., Chemistry**

Carleton College  
Northfield, MN

**Residency:**

**Orthopedic Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN

# Minnesota Doctor of Medicine



**YONG-HUN KIM**

**B.S., Computer Science**

Stanford University  
Stanford, CA

**Residency:**

**Medicine – Preliminary**

Yale – New Haven Hospital  
New Haven, CT

**Dermatology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**ALICE SICONG LIU**

**B.S., Biophysics**

Duke University  
Durham, NC

**Residency:**

**Ophthalmology**

Duke University  
Durham, NC



**LAUREN LU**

**B.S., Mathematics; Neuroscience**

Indiana University  
Bloomington, IN

**Residency:**

**Emergency Medicine**

Detroit Medical Center  
Detroit, MI



**JACINTA AUBRE'A MCDONALD**

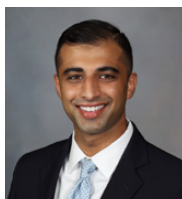
**B.S., Biological Science/Physiology**

Georgia State University  
Atlanta, GA

**Residency:**

**Ophthalmology**

Virginia Commonwealth  
University Health System  
Richmond, VA



**JAI KUMAR MEDIRATTA**

**B.S., Microbiology**

University of Nebraska-Lincoln  
Lincoln, NE

**D.D.S.**

University of Nebraska Medical Center  
Lincoln, NE

**Residency:**

**Oral and Maxillofacial Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**DANE MUNSON**

**B.S., Cell Biology**

University of Minnesota  
Minneapolis, MN

**Residency:**

**Family Medicine**

University of North Dakota  
School of Medicine  
Fargo, ND

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



# Minnesota Doctor of Medicine



**JOSE MURO CARDENAS**

**B.A., Genetics, Molecular  
and Cellular Biology**

Northwestern College  
Orange City, IA

**Residency:**

**Anesthesiology**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**MOLLY O'SHEA**

**B.A., English**

Cornell University  
Ithaca, NY

**M.A., Education**

Relay Graduate School of Education  
New York City, NY

**Residency:**

**Pediatrics**

New York Presbyterian Hospital –  
Columbia University Medical Center  
New York, NY



**ERIK ALEXANDER OVROM**

**B.A., Health Sciences**

University of Iowa  
Iowa City, IA

**Residency:**

**Anesthesiology**

University of Chicago Medical Center  
Chicago, IL



**JOSEPH PANOS\***

**B.S., Biomedical Engineering**

The Ohio State University  
Columbus, OH

**M.S., Biomedical Engineering**

The Ohio State University  
Columbus, OH

**Residency:**

**Orthopedic Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**JENNIFER YUNGSOON PEARSON**

**B.S., Biochemistry; Chemistry**

Bethel University  
St. Paul, MN

**Residency:**

**Internal Medicine**

University of Wisconsin  
Hospital and Clinics  
Madison, WI



**BENJAMIN D. POSCH**

**B.A., Biology**

Concordia College  
Moorhead, MN

**M.S., Cardiovascular Perfusion**

Milwaukee School of Engineering

**D.M.D., Dentistry**

Roseman University of  
Health Sciences  
Henderson, NV

**Residency:**

**Oral and Maxillofacial Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN

# Minnesota Doctor of Medicine



**BENJAMIN JEFFREY QUIRAM**

**B.A., Biology**

St. Olaf College  
Northfield, MN

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**BRADLEY RICHARDS**

**B.S., Biochemistry**

Utah State University  
Logan, Utah

**Residency:**

**Anesthesiology**

Barnes-Jewish Hospital  
Saint Louis, MO



**CRISTINA A. SALINAS**

**B.S., Biology**

Duke University  
Durham, NC

**Residency:**

**Plastic Surgery (Integrated)**

University of Washington  
Affiliated Hospitals  
Seattle, WA



**KARL MARTIN SCHLAHT**

**B.S., Biology**

University of Notre Dame  
South Bend, IN

**Residency:**

**Anesthesiology**

University of California  
Irvine Medical Center  
Orange, CA



**WALKER M. SCHMIDT**

**B.S., Biology**

University of North Dakota  
Grand Forks, ND

**Residency:**

**Internal Medicine**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**MICHAEL SISCHKA**

**B.S., Criminal Justice and Criminology**

Arizona State University  
Tempe, AZ

**Residency:**

**Urology**

Mayo Clinic School of  
Graduate Medical Education  
Scottsdale, AZ

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

# Minnesota Doctor of Medicine



**JONATHAN DAVID SKJAERLUND**

**B.S., Physiology**

Michigan State University  
East Lansing, MI

**Residency:**

**General Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**JOHN-RUDOLPH HATCHER SMITH**

**B.S., Evolutionary Anthropology**

Duke University  
Durham, NC

**Residency:**

**Orthopedic Surgery**

Mayo Clinic School of  
Graduate Medical Education  
Rochester, MN



**ALLISA JUNGHA SONG**

**B.S., Biology**

University of Washington  
Seattle, WA

**B.A., Psychology**

University of Washington  
Seattle, WA



**EMILY STICKNEY**

**B.S., Biochemistry**

University of St. Thomas  
St. Paul, MN

**Residency:**

**Internal Medicine**

Abbott Northwestern Hospital  
Minneapolis, MN



**JEREMIAH STOUT**

**B.A., Spanish; Philosophy**

Calvin University  
Grand Rapids, MI

**Residency:**

**Psychiatry**

University of Washington  
Affiliated Hospitals  
Seattle, WA



**KENNETH ANDREW VALLES\***

**B.S., Integrative Biology**

University of Colorado-Denver  
Denver, CO

**M.P.H., International and  
Humanitarian Health**

Johns Hopkins University  
Baltimore, MD

**Residency:**

**Emergency Medicine**

University of Cincinnati  
Medical Center  
Cincinnati, OH

# Minnesota Doctor of Medicine



**JEFFREY WOODS**

**B.A., Philosophy and Religious Studies**

Stanford University  
Stanford, CA

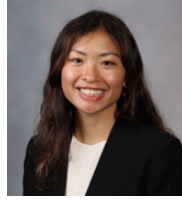
**M.T.S.**

Harvard Divinity School  
Cambridge, MA

**Residency:**

**Psychiatry**

University of California –  
San Francisco  
San Francisco, CA



**AGNES Q. ZHU**

**B.S., Business Administration**

University of California-Berkeley  
Berkeley, CA

**Residency:**

**Otolaryngology**

University of California –  
San Francisco  
San Francisco, CA

# 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 2024 would like to express our most sincere gratitude to the countless individuals who have supported us on our journeys to becoming physicians. We thank the patients of Mayo Clinic for allowing us to learn from you — and with you — during your most vulnerable moments. With each and every encounter, we learned symptoms, diagnoses and treatments, but, more importantly, we heard your stories and learned to not only treat disease but also to care for individuals. We thank Mayo Clinic faculty and staff for selflessly sacrificing your time for our learning and for being incredible examples of modeling compassionate, patient-centered care. Thank you for mentoring us as clinicians, researchers, advocates and leaders. We are grateful to our MCASOM deans, staff and administrators for your time, care and commitment to ensuring our learning and our success, even in the face of unprecedented challenges. We likely know only the smallest fraction of what you did for us behind the scenes, but we know we would not be here without you. We are indebted to Mayo Clinic benefactors, whose generosity has allowed us to receive an extraordinary education with the finest medical resources. Your donations have given us life-changing opportunities that have been integral to our education. We are grateful for our fellow students who have accompanied us on this journey and have filled it with support, friendship and joy. To those who graduated before us, thank you for your guidance and mentorship. And to those who will graduate after and with us, we are honored to be your classmates and cannot wait to see all you accomplish. Last but certainly not least, we extend our deepest and most sincere thanks to our families and friends. Thank you for your patience, sacrifices, encouragement, support and love. We could not have made it to this day without you!

*Mayo Clinic Alix School of Medicine  
Minnesota Class of 2024*

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

WILLIAM J. MAYO, M.D.



# 2024 Awards

**Mayo Clinic Graduate School of Biomedical Sciences**



# Awards

## Mayo Clinic Graduate School of Biomedical Sciences

### DEAN'S RECOGNITION AWARD

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.

#### Recipients

John R. Hawse IV, Ph.D.  
Owen A. Ross, Ph.D.

### TEACHER OF THE YEAR AWARD

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.

#### Recipients

Henrique Borges da Silva, Ph.D.  
Scott H. Kaufmann, M.D., Ph.D.

### OUTSTANDING MENTOR AWARD

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.

#### Recipient

Saad J. Kenderian, M.B., Ch.B.



“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

#### John R. Hawse IV, Ph.D.

Dr. John Hawse is a research scientist and senior associate consultant in the Department of Cancer Biology at Mayo Clinic in Rochester. Born and raised in Orange, Virginia, he graduated magna cum laude from West Virginia University (WVU) with a B.S. in biology in 2001. After receiving a Ph.D. in biochemistry and molecular biology from WVU in 2004, Dr. Hawse went on to complete a postdoctoral fellowship in the Department of Biochemistry and Molecular Biology at Mayo Clinic in Rochester. Dr. Hawse's research lab focuses mainly on dissecting transcriptional regulatory networks, elucidating mechanisms of resistance to standard-of-care cancer therapies, and developing novel approaches for the treatment of advanced forms of breast and ovarian cancers. These efforts are designed to reduce the burden of disease and lower the death rate of patients with these forms of cancer. His laboratory is

highly collaborative and has expertise in molecular biology, biochemistry, chemistry, cell biology, bioinformatics and translational research. Dr. Hawse's research program has been well funded for the past 15 years including substantial support from the National Institutes of Health, Department of Defense, Breast Cancer Research Foundation, Prospect Creek Foundation, George M. Eisenberg Foundation, Susan G. Komen, Minnesota Ovarian Cancer Alliance and Mayo Clinic, among others. Dr. Hawse has published over 100 peer-reviewed manuscripts in leading journals, and has been heavily and integrally involved in research, education, and leadership within and outside of Mayo for many years. In 2012, he received full faculty privileges in biochemistry and molecular biology in the Mayo Clinic Graduate School of Biomedical Sciences, where he currently serves as program director for the Biochemistry and Molecular Biology Track.



### DEAN'S RECOGNITION AWARD

#### Owen A. Ross, Ph.D.

Dr. Owen Ross is a research consultant in the Department of Neuroscience at Mayo Clinic in Florida with a joint appointment in the Department of Clinical Genomics. He earned his B.Sc. in biochemistry and his M.Sc. in laboratory science at Queens University in Belfast, Ireland, later earning his Ph.D. in genetics from the University of Ulster in Coleraine, Ireland. Dr. Ross joined the staff of Mayo Clinic in 2005 and is professor of neuroscience at Mayo Clinic College of Medicine and Science. Dr. Ross leads the Parkinson's Disease Genetics Laboratory, which revolves around the genetics of aging and age-related disorders. His primary research is focused on the role of genetics in familial and sporadic forms of parkinsonism and related movement disorders. Dr. Ross has published over 400 research articles on Parkinson's, related movement disorders, dementia and vascular disease. In addition to his research, Dr. Ross

is an active educator who has provided mentorship to over 50 undergraduate students, clinical research fellows and other learners. He is the program director for the Neuroscience Track (NSC) in Mayo Clinic Graduate School of Biomedical Sciences, overseeing the mentorship of over 35 current NSC PhD students. Dr. Ross has been involved with the Neuroscience Track for over 15 years, before becoming program director in 2022. He has a faculty appointment at the University of North Florida and is a member of the joint NIH T34 U-Rise training grant with Mayo Clinic in Florida. Dr. Ross is committed to improving opportunities for under-represented communities, promoting diversity and inclusion, and has demonstrated a dedication to education and mentoring the next generation of researchers.

# Awards

## Mayo Clinic Graduate School of Biomedical Sciences



### TEACHER OF THE YEAR AWARD

#### Henrique Borges da Silva, Ph.D.

Dr. Henrique Borges da Silva is a senior associate consultant in both the Department of Cancer Biology and the Department of Research, at Mayo Clinic in Arizona. Dr. Borges da Silva received a B.S. in biology and a Ph.D. in immunology from the University of Sao Paulo in Brazil. He followed this with postdoctoral fellowships at the University of Sao Paulo and the University of Minnesota. Through work in his laboratory, Dr. Borges da Silva aims to understand how extracellular nucleotides regulate the immune system. Nucleotides are produced by and influence numerous intracellular pathways. In diverse circumstances, however, nucleotides are released into the extracellular environment and are sensed by specific receptors called purinergic receptors. Immune cells are not devoid of this process; many purinergic receptors are expressed by the immune system. The main focus of

the research in Dr. Borges da Silva's laboratory is determining how one of these nucleotides, extracellular ATP (eATP), affects transcriptional, metabolic and functional mechanisms of CD8-positive T cells in response to viral infections and cancer. This stems from fundamental discoveries made by Dr. Borges da Silva that showed a crucial role for the eATP purinergic receptor P2RX7 in the establishment of CD8-positive T cell memory. Dr. Borges da Silva aims to expand these findings by using a wide range of current and new experimental tools. He is active in education and holds the rank of assistant professor of immunology, Mayo Clinic College of Medicine and Science. During the Teacher of the Year voting process, students gave many reasons why they believed he was deserving of this award, including his enthusiastic involvement and engagement and how he's always quick to give constructive feedback and offer aid to students outside of his lab.



### TEACHER OF THE YEAR AWARD

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

Dr. Scott Kaufmann received his B.A. 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 postdoctoral 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 research program is to improve the therapy of malignant diseases through enhanced understanding of antineoplastic drug action. To this end,

his laboratory group has focused on acute leukemia and more recently on ovarian cancer. Dr. Kaufmann has decades of commitment to education as a dedicated mentor. His history of mentorship, along with many 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. Students recognize that Dr. Kaufmann's commitment to their education goes beyond the classroom and say that "...with years of experience in research and in the clinic, his realm of knowledge is immense ... he's always willing to make himself available outside of class despite his hectic schedule with lab work, clinical work and grant writing. His availability outside of class spans beyond the work day. He is truly committed to his students and mentees, so much so that he added Wi-Fi to his cabin so that he could continue to work and meet with his students while he is out of the country."

## Awards

# Mayo Clinic Graduate School of Biomedical Sciences



### OUTSTANDING MENTOR AWARD

#### Saad J. Kenderian, M.B., Ch.B.

Dr. Saad Kenderian is a consultant in the Department of Hematology at Mayo Clinic, with joint appointments in the Department of Immunology and the Department of Molecular Medicine. He received an M.B. and Ch.B. from the University of Baghdad School of Medicine. He went on to complete an internal medicine residency at McLaren Regional Medical Center at Michigan State University, where he was chief resident. He followed this with fellowships in hematology and medical oncology at Mayo Clinic School of Graduate Medical Education. His principal research interests are developing and optimizing novel-engineered cell therapy approaches for the treatment of diseases. His clinical expertise is in the management of patients with chronic lymphocytic leukemia, patients treated with CAR-T cell therapy and bone marrow transplantation. Dr. Kenderian joined the translational research program in the laboratory of Carl H. June, M.D., of the University of Pennsylvania in Philadelphia, where he worked under the direction of Dr. June and Saar Gill, M.D., Ph.D. His work involved the development of novel chimeric antigen receptor CAR-T cell therapy for acute myeloid leukemia as well as different strategies to improve CAR-T cell therapy

for lymphoid malignancies. Dr. Kenderian's laboratory employs multiple tools for cellular engineering and development of gene and cell therapies, including standard cloning techniques, lentiviral transduction, retrovirus constructs, oncolytic viruses, mesenchymal stromal cells, T cell functional assays, patient-derived xenograft immunodeficient mouse models, humanized mouse models, syngeneic models, multiparameter flow cytometry, bioluminescent imaging, multiplex cytokine analysis and genome engineering tools. Dr. Kenderian is an active educator and mentor. As one student says, "Dr. Kenderian is one of the most patient, ambitious and knowledgeable mentors I have ever met. He is a physician-scientist with an extremely busy schedule on a daily basis. However, he always tries his best to make time for his students ... As a young researcher, I expect to fail a lot during my research training, but it can get very difficult sometimes. Instead of discouraging me when I have negative results, Dr. Kenderian tries his best to make sure I don't feel defeated, which is unbelievably helpful for me to continue my research without being emotionally negative for too long."

# 2024 Awards

**Mayo Clinic Alix School of Medicine**



# Awards

## Mayo Clinic Alix School of Medicine

### DEAN'S RECOGNITION AWARD

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

#### Recipients

Robert P. Bright, M.D., Arizona  
Osarenoma U. Olomu, M.D., Florida  
Anne M. Dahlen, Minnesota

### DISTINGUISHED SERVICE AWARD

Chosen by Mayo Clinic Alix School of Medicine leadership, the Distinguished Service Award recipient is a Mayo Clinic Alix School of Medicine educator or leader who has exemplified exceptional education and service to the medical school over the course of their career.

#### Recipients

William K. Freeman, M.D., Arizona  
Ryan M. Chadha, M.D., Florida  
Joseph J. Maleszewski, M.D., Minnesota

### DEAN'S DIVERSITY AND INCLUSION AWARD

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.

#### Recipients

Natalie H. Strand, M.D., Arizona  
Mallory J. Raymond, M.D., Florida  
Semirra L. Bayan, M.D., Minnesota

### DEAN'S DISTINGUISHED EDUCATOR AWARD

Chosen by Mayo Clinic Alix School of Medicine leadership, the Dean's Distinguished Educator Award recipient is a Mayo Clinic Alix School of Medicine educator or leader who has made tremendous contributions to medical school education.

#### Recipient

Michael J. Ackerman, M.D., Ph.D.

### TEACHING EXCELLENCE AWARD

The Teaching Excellence Award is based on MedHub Evaluations, which are submitted by students. Award recipients received the highest nominations for

Teaching Excellence and scored the highest in the category of overall effectiveness of teaching.

#### Recipients

Douglas E. Rappaport, M.D., Arizona  
Loren P. Murray, M.D., Florida  
Kemuel L. Philbrick, M.D., Minnesota

### MAYO BROTHERS AWARD

Given in memory of William and Charles Mayo's service to the Army, this prestigious award is presented to graduating medical school students who embody the values of Mayo Clinic as well as the values of the United States Armed Forces: academic performance, leadership, service, integrity, dutifulness and dedication to patients. Recipients of this award have honorable military service and are chosen by Mayo Clinic Alix School of Medicine leadership.

#### Recipient

Frank Martinez

### TEACHER OF THE YEAR AWARD

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

#### Recipients

Douglas E. Rappaport, M.D., Arizona  
Dana Herrigel, M.D., Florida  
Luke T. Haf Dahl, M.D., Minnesota

### GOLDEN STETHOSCOPE AWARD

Mayo Clinic Alix School of Medicine third- and fourth-year students select up to four residents or fellow educators 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.

#### Recipients

Ryan A. Dunn, M.D., Arizona Resident  
Nathan A. Chow, M.D., Arizona Resident  
Justin N. Shipman, M.D., Arizona Fellow  
Jamie L. Kaplan, M.D., Florida Resident  
Daniel K. Knewitz, M.D., Florida Resident  
Toni Horton, D.O., Florida Fellow  
Matthew J. Aizpuru, M.D., Minnesota Resident  
Callie R. Fischer, M.D., Minnesota Resident  
Gordon J. Ruan, M.D., Minnesota Fellow

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA DEAN'S RECOGNITION AWARD

#### **Robert P. Bright, M.D.**

Dr. Robert Bright has been a member of the Mayo Clinic staff since 2007. He is an assistant dean of student advising in the Mayo Clinic Alix School of Medicine, associate chair for education in the Department of Psychiatry and Psychology and an assistant professor of psychiatry. He is the 2018 recipient of the Mayo Clinic Arizona Distinguished Educator of the Year award. He attended the University of North Carolina in Chapel Hill for his undergraduate studies and medical school. His residency in psychiatry and his fellowship in consultation

liaison psychiatry were at the University of California in San Francisco. He directs the preclinical and clinical medical school educational programs in psychiatry and oversees resident training for psychiatry, neurology and internal medicine residents doing rotations in the department. He is a course director at the Mayo Clinic Psychiatry in Medical Settings annual course and a site director for the Mayo Clinic Communications in Healthcare course.



### FLORIDA DEAN'S RECOGNITION AWARD

#### **Osarenoma U. Olomu, M.D.**

Dr. Osarenoma Olomu is a consultant in the Department of Otolaryngology – Head and Neck Surgery at Mayo Clinic in Florida, with a joint appointment in the Department of Neurosurgery. He received a B.A. in molecular cell biology from the University of California at Berkeley, where he graduated with honors. He then completed a cancer research training fellowship at the National Cancer Institute and received his M.D. from the Washington University in St. Louis. Following graduation, he completed a vestibular psychophysics research fellowship at Washington University in St. Louis, an otolaryngology – head and neck surgery residency at Barnes Jewish Hospital, and a rhinology and anterior skull base surgery fellowship at Emory University's Sinus, Nasal and Allergy Center.

At Mayo Clinic, Dr. Olomu studies chronic sinusitis, with a particular focus on allergic fungal sinusitis and fungus ball (mycetoma) sinusitis. Dr. Olomu uses genomic and proteomic tools to study different types of fungal sinusitis and investigate why they affect people in different ways. His research is aimed at better understanding the biology of allergic fungal sinusitis in order to find therapies that prevent recurrence. Dr. Olomu is the program director for the new otolaryngology head and neck surgery residency training program at Mayo Clinic in Florida. He is also the vice chair for education with the Department of Otolaryngology – Head and Neck Surgery at Mayo Clinic in Florida.

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA DEAN'S RECOGNITION AWARD

#### Anne M. Dahlen

Anne Dahlen carries a wealth of experience leading financial aid teams in higher education institutions throughout Minnesota. Born and raised in the southeastern town of Rushford, Minnesota, she received a B.S. in business administration from Winona State University. Before joining Mayo Clinic in 2019, where she leads the Financial Aid team at the Mayo Clinic College of Medicine and Science, she worked in financial aid at Southeast Technical College, in Red Wing and Winona, Minnesota, and St. Olaf College in Northfield, Minnesota. In her current role at Mayo, she oversees Mayo scholarships, the federal financial aid process, and a financial wellness program for the Mayo Clinic College

of Medicine and Science learners. Anne's expertise in financial aid matters extends beyond Mayo to professional organizations such as the Minnesota Association of Financial Aid Administrators (MAFAA), where she has served as president. She is the recipient of multiple awards including the MAFAA's Distinguished Service Award and the Midwest Association of Student Financial Aid Administrators' State Leadership Award. To Anne, the best part of her job is working with students to help them navigate the complexities of financial aid and student loans, as receiving financial assistance can make all the difference for those hoping to attend one of the Mayo Clinic College of Medicine and Science schools.



### ARIZONA DISTINGUISHED SERVICE AWARD

#### William K. Freeman, M.D.

Dr. William K. Freeman completed his cardiovascular fellowship and internal medicine residency at Mayo Clinic School of Graduate Medical Education. He received his medical degree from Mayo Clinic School of Medicine in 1981 and is a summa cum laude graduate of the University of St. Thomas in St. Paul, Minnesota. He is a native of Rochester, Minnesota. Dr. Freeman has been a consultant in the Division of Cardiovascular Diseases in the Department of Internal Medicine at Mayo Clinic in Rochester for 25 years and has practiced at Mayo Clinic in Arizona for the past eight years. Dr. Freeman has been involved in cardiovascular education at the institutional, national and international levels for almost three decades. He has been course director

of the cardiology and vascular medicine curriculum in Mayo Clinic Alix School of Medicine since 2007 and is a member of the Admissions Committee, Curriculum Committee and Executive Admissions Committee. He has served as a mentor for both internal medicine residents and cardiovascular fellows. Dr. Freeman has worked countless hours to develop and refine the cardiology and vascular medicine block curriculum over the past decade. Dr. Freeman has received many awards and honors for his contributions to education, and he is a prolific author and editor. His current clinical and research interests involve applications of echocardiography in valvular heart disease and structural interventional cardiology.



# Awards

## Mayo Clinic Alix School of Medicine



### FLORIDA DISTINGUISHED SERVICE AWARD

#### **Ryan M. Chadha, M.D.**

Dr. Ryan Chadha is an assistant professor of anesthesiology and perioperative medicine at Mayo Clinic in Florida. Before joining Mayo Clinic in July 2016, Dr. Chadha completed medical school at the University of Medicine and Dentistry of New Jersey (now known as Rutgers New Jersey Medical School), a residency in anesthesiology at Yale-New Haven Hospital in Connecticut, and a fellowship in liver transplant anesthesiology at Columbia-New York Presbyterian Hospital in New York City. Clinically, he is the division chief of multispecialty anesthesiology and the vice chair

of the Hospital Practice Subcommittee. Outside of Mayo, he is an applied examiner for the American Board of Anesthesiology, chair of the Vanguard Committee of the International Liver Transplantation Society and a fellow of the American Society of Anesthesiologists. Education-wise, he was the associate program director of the anesthesiology residency from 2016 until 2020, a member of the Mayo Clinic Alix School of Medicine Admissions Committee until 2022, and has been the Florida vice-chair for the MCASOM Student Promotion and Assessment Review Committee since 2019.



### MINNESOTA DISTINGUISHED SERVICE AWARD

#### **Joseph J. Maleszewski, M.D.**

Born and raised New Baltimore, Michigan, Dr. Joseph Maleszewski received both a B.S. in physiology and an M.D. from Michigan State University. He later completed a residency in anatomic and clinical pathology at the Johns Hopkins Hospital in Baltimore, Maryland, and fellowships in both cardiovascular and molecular genetic pathology at Mayo Clinic in Rochester. He is a consultant in the Department of Laboratory Medicine and Pathology with joint appointments in Cardiovascular Medicine and Medical Genomics at Mayo Clinic in Rochester. He holds the rank of professor of laboratory medicine and pathology and medicine in the Mayo Clinic College of Medicine and Science, where he also serves as the senior associate dean for academic affairs in the Mayo Clinic

Alix School of Medicine. He is the section head of cardiovascular pathology and the program director for the cardiovascular pathology fellowship program. Dr. Maleszewski has published extensively in the field of cardiovascular pathology, has edited three major texts and serves on the editorial board for the World Health Organization's classification of thoracic tumors. He speaks both nationally and internationally on a broad range of topics, mostly relating to diagnostic cardiovascular pathology. Professionally he is most proud of the many medical students, residents and fellows he has had the privilege of working with and learning from over the years. He is a dedicated husband to Brooke and a doting father of two, Emma and Joseph, with whom he loves to travel and share the world.

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA DEAN'S DIVERSITY AND INCLUSION AWARD

#### **Natalie H. Strand, M.D.**

Dr. Natalie Strand received a B.S. from the University of Arizona Honors College and an M.D. from Mayo Medical School. She went on to complete an anesthesiology residency at the University of California and a pain medicine fellowship at Mayo Clinic School of Graduate Medical Education in Arizona. Dr. Strand is currently a professor in the Department of Anesthesiology, Division of Pain Medicine. She serves as the director of pain research and the director of neuromodulation for Mayo Clinic in Arizona. She strives to provide cutting-edge medical care that is supported by research. Dr. Strand teaches several times a year at national conferences and is active in training the Mayo Clinic Pain Medicine Fellows. She is passionate

about helping to improve the quality of life for her patients living with chronic pain. As an active educator, Dr. Strand is an invaluable mentor for learners and junior faculty. She has received numerous awards and honors, including the Best Abstract Award from the Society of Women Innovators in Pain Medicine, the Mayo Clinic Experience Top Performer Award, and consecutive nominations as a Top Doctor by Phoenix Magazine. As a mentor, Dr. Strand focuses on female and underrepresented medical students. Dr. Strand is a past winner of the Diversity Award from the American Society of Pain and Neuroscience, and she has conducted extensive research on gender and diversity discrimination in pain medicine.



### FLORIDA DEAN'S DIVERSITY AND INCLUSION AWARD

#### **Mallory J. Raymond, M.D.**

Mallory J. Raymond, M.D., is an assistant professor of otolaryngology — head and neck surgery with a sub-specialization in otology and neurotology. She completed her undergraduate education at the University of Chicago where she studied biology. She then attended the University of Miami Miller School of Medicine, where she was selected to the Alpha Omega Alpha Honor Society as a junior candidate. She then completed her otolaryngology residency at Emory University where she was selected as the administrative chief resident. During her time at Emory, she received the Resident Teacher of the Year Award and First Place Resident Research Award. She then completed a two-year neurotology fellowship at the

Medical University of South Carolina. She joined Mayo Clinic in Florida in 2022 and serves as the Department of Otolaryngology's residency advising director and diversity leader. Since joining Mayo Clinic, she has expanded the partnership with the Health Career Collaborative in Jacksonville by organizing bimonthly informational visits from faculty and staff to Andrew Jackson High School, and she has expanded the Morehouse School of Medicine Otolaryngology Pipeline program through clerkships and a research fellowship funded by Commitment Against Racism funds. She is extremely passionate about medical education at all levels and is actively involved in research to understand how to improve surgical training.

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA DEAN'S DIVERSITY AND INCLUSION AWARD

#### **Semirra L. Bayan, M.D.**

Dr. Semirra (Sami) Bayan is an assistant professor at Mayo Clinic in the Department of Otolaryngology Head and Neck Surgery, specializing in laryngeal surgery. She completed medical school at the University of Virginia, a residency at the University of Iowa, and a fellowship in laryngeal surgery and voice rehabilitation at Massachusetts General Hospital. Prior to coming to Mayo Clinic in 2019, she was director of the Voice Center at the University of Chicago. She is currently the associate program director and department of diversity leader. Dr. Bayan's greatest passions are equitable patient care and resident education. She has been previously recognized as the Department of Otolaryngology

Teacher of the Year in 2022 and a top provider for patient experience from 2021-2023. She is active in health equity and community engagement in and out of the medical school. She co-directs a free ENT community clinic in Rochester, providing pathways for primary and tertiary otolaryngology care for historically marginalized patients in the community. Through this clinic, she is the lead advisor (and the faculty founder) of the Medical Student Community Partners, a group of Spanish-speaking medical students who serve as liaisons for patient care within the community clinic. Dr. Bayan mentors a wide variety of learners and is the faculty advisor for a local high school outreach program, Health Career Collaborative.



### MAYO BROTHERS AWARD

#### **Michael J. Ackerman, M.D., Ph.D.**

Born and raised in Iowa, Dr. Michael Ackerman received B.A. degrees in chemistry and mathematics from Luther College and his M.D.-Ph.D. at Mayo Clinic, where he stayed to complete his residency in pediatric and adolescent medicine, a postdoctoral fellowship in molecular genetics and a clinical fellowship in pediatric cardiology. He joined Mayo Clinic's staff in 2000 and is a consultant in the Department of Cardiovascular Medicine with joint appointments in the Department of Pediatric and Adolescent Medicine and Molecular Pharmacology and Experimental Therapeutics. As director of the Mayo Clinic Windland Smith Rice Genetic Heart Rhythm Clinic, Dr. Ackerman and his colleagues are dedicated to caring for those patients and families at risk of sudden cardiac death from potentially heritable channelopathies.

He is the Windland Smith Rice Cardiovascular Genomics Research Professor and holds the rank of professor of medicine, pediatrics, and pharmacology in the Mayo Clinic College of Medicine and Science. Dr. Ackerman has published over 700 peer-reviewed papers and was named Mayo Clinic's Distinguished Investigator in 2021. Dr. Ackerman has served as course director for the Mayo Clinic Alix School of Medicine's first-year pharmacology course since 2008. He has received numerous awards and honors as an educator, including Outstanding Faculty Member from the Mayo School of Continuing Medical Education, Teacher of the Year from the Mayo Medical School, and the Dean's Recognition Award from the Mayo Medical School.

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA TEACHING EXCELLENCE AWARD

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

Dr. Douglas 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. As co-clerkship director of medical students' emergency

medicine rotation, he goes above and beyond as an educator. Dr. Rappaport's influence can be seen in his previous and current student-selected awards, as he has been named Teacher of the Year by the three most recent graduating classes, including the class of 2024. Students say he is a prime example of what an extraordinary leader, teacher and clinician look like. Dr. Rappaport's academic interests include medical education and global health. Outside of work, he enjoys spending time with his wife, Jen, and his two girls, Olivia and Elizabeth.



### FLORIDA TEACHING EXCELLENCE AWARD

#### **Loren P. Murray, M.D.**

Dr. Loren Murray is an assistant professor of medicine and a consultant in the Department of Medicine at Mayo Clinic in Florida. Born and raised in Jacksonville, Florida, he graduated from Trevecca University in Nashville, Tennessee, with a degree in medical technology before receiving his M.D. from East Tennessee State University College of Medicine. Dr. Murray went on to complete an internal medicine residency at the University of Florida College of Medicine in Gainesville. In 1997, he joined Mayo Clinic in Florida, where he has since dedicated himself to serving as a general academic internist who provides compassionate care to his patients. With a family legacy spanning over 150 years in education, Dr. Murray has a deep-rooted passion for medical education.

Over the years, he has taught and mentored hundreds of medical students, residents, nurses and advanced practice professionals. His commitment to education is further exemplified by his role as the internal medicine third-year clerkship director for the Mayo Clinic College of Medicine and Science since 2012. In addition to his academic pursuits, Dr. Murray has a heartfelt commitment to serving underserved populations. He has been on more than 10 overseas medical mission trips, and, locally, he has helped develop a clinic for the uninsured community. Outside of his professional life, Dr. Murray enjoys spending time with family, including his wife of 41 years and their two adult children. He cherishes the simple moments spent on their 50-acre farm, and he serves as an elder in his church.

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA TEACHING EXCELLENCE AWARD

#### **Kemuel L. Philbrick, M.D.**

Dr. Kemuel Philbrick was born and largely raised in Pakistan by expatriate parents but considers Minnesota his stateside home. He received his bachelor's degree from Geneva College and his medical degree from Jefferson Medical College, both located in Pennsylvania. He went on to complete a fellowship in psychosomatic medicine at Mayo Clinic School of Graduate Medical Education; a residency in psychiatry at Wilford Hall U.S. Air Force Medical Center at Lackland Air Force Base in Texas; and a residency in internal medicine at CAMC/West Virginia University Medical Center. He also served as a lieutenant colonel in the U.S. Air Force. Dr. Philbrick is an assistant professor of psychiatry and a consultant in the Department of Psychiatry and Psychology at Mayo Clinic

in Rochester. He has served in multiple leadership positions and is currently medical director of Mayo's Psychiatry Consultation/Liaison Service. Dr. Philbrick's research interests include emotional and cognitive sequelae of medical-surgical ICU care and mechanisms for delivery of psychological support based on positive suggestions for ICU patients. He has received multiple awards throughout his time in education, including the Parker J. Palmer Courage to Teach Award from the Accreditation Council for Graduate Medical Education, numerous Teacher of the Year awards from Mayo Clinic and more. He has served on several National Board of Medical Examiners committees involving test construction and review for the past 16 years.



### MAYO BROTHERS AWARD

#### **Frank Martinez**

Frank Martinez grew up in northern California and enlisted in the Marine Corps as a teenager. He served in the infantry and was deployed to Afghanistan. After the military, he worked on a hotshot crew fighting wildland forest fires. He then earned a B.S. in mathematics from the University of New Mexico under the GI Bill. During his studies, he decided to pursue medicine and was accepted to the Mayo Clinic Alix School of Medicine as a recipient of the Schoen and Schoen Honoring Frye scholarship. Frank recently matched at the University of Utah in orthopedics.

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA TEACHER OF THE YEAR AWARD

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

Dr. Douglas 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 at 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 and global health. Outside of work, Dr. Rappaport enjoys spending time with his wife, Jen,

and his two girls, Olivia and Elizabeth. Students say of Dr. Rappaport, “Beyond your impressive patient rapport, you were unique in the commitment and effort you placed into educating medical students. Despite the busy setting of the Emergency Department, you were appreciated for taking the time to conduct formal teaching that enhanced the learning experience of our medical students and made difficult concepts easier to understand. We appreciated your knowledge, your kindness, and your willingness to make us better clinicians.” This is Dr. Rappaport’s third consecutive year receiving the Arizona Teacher of the Year award.



### FLORIDA TEACHER OF THE YEAR AWARD

#### **Dana Herrigel, M.D.**

Dr. Dana 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 kids. This is Dr. Herrigel’s third consecutive year receiving the Florida Teacher of the Year award. Students say that Dr. Herrigel’s “passion for mentoring and guiding future physicians has truly set [her] apart,” and that her “commitment to fostering a supportive learning environment and [her] tireless efforts in nurturing the talents of aspiring medical professionals exemplify the highest standards of academic excellence and compassionate care.”

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA TEACHER OF THE YEAR AWARD

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

Dr. Luke Hafdahl is a consultant practicing primary care in the Division of Community Internal Medicine, Geriatrics, and 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 residency continuity clinic and the internal medicine resident/student hospital services as well as educational leadership as a firm chief for the resident continuity clinic and the internal medicine clerkship director for the third-year medical students. Students say that Dr. Hafdahl is “unique in [his]

strong commitment to teaching during the internal medicine clerkship and to creating superior learning opportunities for medical students.” They appreciate the way he “would make teaching points out of each patient encounter and would take time to sit down one-on-one with students to go over additional questions and give feedback.” Students also remarked on his “high level of responsiveness to feedback and dedication to ensuring each student had a successful and enriching experience on the IM clerkship” and noted his “commitment to continually improving and expanding student learning opportunities.” This is Dr. Hafdahl’s third consecutive year receiving the Minnesota Teacher of the Year award.



### ARIZONA RESIDENT GOLDEN STETHOSCOPE AWARD

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

Dr. Ryan Dunn grew up in Tempe, Arizona. 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 third-year internal medicine resident at Mayo Clinic in Arizona, and he has been selected as an internal medicine chief resident for the 2024-2025 academic year. After completing his chief year, he plans to pursue a career in pulmonary and critical care medicine. His research interests include

wilderness medicine and high-altitude pulmonary 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 were 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. This is Dr. Dunn’s second consecutive Golden Stethoscope award.

# Awards

## Mayo Clinic Alix School of Medicine



### ARIZONA RESIDENT GOLDEN STETHOSCOPE AWARD

#### **Nathan A. Chow, M.D.**

Dr. Nathan Chow is a first-year internal medicine resident at Mayo Clinic in Arizona and a graduate of the Mayo Clinic Alix School of Medicine. He has a strong interest in global and underserved medicine, having volunteered on three separate continents, and he is an active volunteer at the Neighborhood Christian Clinic in downtown Phoenix. His current research projects

include assessing low-cost healthcare resources for the uninsured in Phoenix, studying recurrent cases of cutaneous Valley Fever and improving management of opioid use disorder for hospitalized patients. He is currently exploring a career in either primary care or hospitalist medicine.



### ARIZONA FELLOW GOLDEN STETHOSCOPE AWARD

#### **Justin N. Shipman, M.D.**

Dr. Justin Shipman was born and raised in Watford City, North Dakota. He attended the University of Jamestown, North Dakota where he graduated summa cum laude with a B.A. in biochemistry. He attended medical school at the University of North Dakota School of Medicine and went on to complete an internal medicine residency at Mayo Clinic in Arizona. Following residency, he was selected as a chief internal medicine resident and spent the year focused on trainee education and curriculum development. He continued his training at Mayo Clinic in Arizona by pursuing a cardiovascular diseases fellowship and is currently completing an advanced echo imaging fellowship. Following completion of his echo imaging

fellowship, Dr. Shipman will be joining the cardiovascular medicine division at Mayo Clinic in Arizona with plans to focus on valvular heart disease, hypertrophic cardiomyopathy and cardiac sarcoidosis. During his training, Dr. Shipman developed a passion for education and finds working with medical students and trainees to be the most rewarding aspect of his job. He is grateful to have had aspirational mentors at all levels of training at Mayo Clinic in Arizona and hopes he can provide the same experience for the next generation of physicians. During his free time, Dr. Shipman enjoys traveling, hiking, any sporting activity and spending time with his wife and two sons.



# Awards

## Mayo Clinic Alix School of Medicine



### FLORIDA RESIDENT GOLDEN STETHOSCOPE AWARD

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

Dr. Jamie Kaplan grew up in Melbourne Beach, Florida. After high school, she accepted a Division 1 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 chief year of residency and will be starting a fellowship this summer in plastic and reconstructive surgery at Vanderbilt University in Tennessee. Dr. Kaplan loves working with medical students, finding inspiration in their sharp minds and eagerness to learn. This is Dr. Kaplan's second consecutive Golden Stethoscope award.



### FLORIDA RESIDENT GOLDEN STETHOSCOPE AWARD

#### **Daniel K. Knewitz, M.D.**

Born and raised in Miami, Dr. Daniel Knewitz attended the Honors College at Miami Dade College for the first two years of his undergraduate career. He then transferred to the University of North Carolina at Chapel Hill where he earned a degree in exercise and sports science. Prior to medical school, he worked as a certified nursing assistant both in the assisted living and hospital settings. He later received his medical degree from the University of Florida's College of Medicine with honors in research. He was a global health service trip leader and organized a temporary free medical clinic in Chincha,

Peru. He is the first author of multiple publications in journals including SURGERY, Journal of Gastrointestinal Oncology and Journal of Gastrointestinal Surgery. He also has presented at multiple national conferences, such as the annual Society of Surgical Oncology and Academic Surgical Congress meetings. He is currently a PGY-2 general surgery resident at Mayo Clinic in Florida. His current fellowship interests are minimally invasive surgery and surgical oncology. During his free time, Dr. Knewitz loves to golf, play video games, explore new dining experiences and hang out with his cat, Leia.

## Awards

### Mayo Clinic Alix School of Medicine



#### FLORIDA FELLOW GOLDEN STETHOSCOPE AWARD

##### **Toni Horton, D.O.**

Dr. Toni Horton is a second-year minimally invasive gynecologic surgery fellow at Mayo Clinic in Florida. Originally from Arizona, she studied biochemistry and women's studies at Arizona State University. She then went on to complete her medical training at Campbell University School of Osteopathic Medicine in 2018 and her obstetrics and gynecology residency at Cleveland Clinic Akron General in 2022. During her medical training, Dr. Horton has gone on several local and

international medical mission trips, served as president of her medical school's OBGYN interest group and served as academic chief resident in her last year of residency. Her academic and career interests include medical education, endometriosis and advocating and providing care to underserved populations. Dr. Horton will continue to provide care to the Jacksonville area, as she recently accepted a position at the University of Florida in Jacksonville.



#### MINNESOTA RESIDENT GOLDEN STETHOSCOPE AWARD

##### **Matthew J. Aizpuru, M.D.**

Dr. Matt Aizpuru is a fifth-year resident in general and thoracic surgery at Mayo Clinic in Rochester. He is currently serving as an administrative chief resident in general surgery. He grew up in the Twin Cities and attended Amherst College in Massachusetts, where he majored in economics and Spanish. After completing a post-baccalaureate program at Columbia University, he went on to graduate cum laude from Emory University School of Medicine. As a resident, he has earned several awards and honors including the Silver

Retractor Award for the top intern in surgery, the Kaare Nygaard Award for clinical research, the Howard K. Gray Award for best overall General Surgery resident, induction to the Gold Humanism Honor Society and the Golden Stethoscope award from the Alix School of Medicine Class of 2022. He enjoys teaching medical students and the opportunity to introduce students to the dynamic and rewarding field of surgery. Outside the hospital, he spends his free time with his beloved wife Jamie and daughter Isabel.

# Awards

## Mayo Clinic Alix School of Medicine



### MINNESOTA RESIDENT GOLDEN STETHOSCOPE AWARD

#### **Callie R. Fischer, M.D.**

Dr. Callie Fischer grew up in Green Bay, Wisconsin, as the oldest daughter of a physician and a high school science teacher. She inherited her parents' passions for teaching and medicine, which she confirmed throughout her secondary education. She received her B.S. in both biochemistry/molecular biology and Spanish at the University of Wisconsin-Eau Claire, where she also competed in cross country and track and field. She received her M.D. from Baylor College of Medicine, where she discovered her love for taking care of children.

She is currently a second-year pediatric and adolescent medicine resident and plans to pursue a fourth year as chief resident prior to a fellowship in neonatology and genetics. She looks forward to her dream career in academic medicine with a focus on medical student and resident education. She enjoys spending her free time painting, writing music, traveling and continues her passion for running by training for her first marathon this year.



### MINNESOTA FELLOW GOLDEN STETHOSCOPE AWARD

#### **Gordon J. Ruan, M.D.**

Dr. Gordon Ruan is currently a third-year hematology/oncology fellow at Mayo Clinic in Rochester. He is an assistant professor of medicine and an assistant professor of oncology at the Mayo Clinic College of Medicine and Science. He was born and raised in Illinois and did his undergraduate studies at Washington University in St. Louis with a major in biochemistry. He received his medical degree from Southern Illinois University. He has received multiple awards

including the Mayo Clinic Internal Medicine Resident Outstanding Research Achievement Award, Mayo Clinic Top Performing Provider Award and Outstanding Hematology-Oncology Trainee Award. He is passionate about medical education and is involved in outcomes and translational research in hematologic malignancies. During his free time, Dr. Ruan loves to spend time with his wife and twin daughters.

# National, Regional and State Awards

**2023–2024**

# Awards

## National, Regional and State

We congratulate our graduating students on the following national, regional and state awards received during their time in medical and graduate school.

### SCOTT TAYLOR ANDERSON

National Association of American Medical Colleges  
Leadership in Academic Medicine Conference  
Delegate (2024)  
American Association for Thoracic Surgery, Summer  
Intern Scholar in Cardiothoracic Surgery (2022)

### KELSEY LEANNE BECK

Employee Recognition for Compassion Award (2023)  
Hazelden Betty Ford Scholar (2022)  
Queen's University Belfast Scholarship Award (2020)

### JEREMY (JEZ) D. BURGESS

NIH/NIA F99/K00 Transition to Aging Research  
Fellowship (2020-2026)

### MIKA CADIZ

International Research Conference on Neurodegenerative  
Disease Young Investigator Award (2023)

### LILLIAN DYRE

National Association of American Medical Colleges-  
Liaison Committee on Medical Education  
Representative (2023-2024)

### STEFAN FARRUGIA

American College of Physicians, Minnesota Chapter  
People's Choice Award (2023)

### CODY RAY FISHER

International Conference on Clinical Metagenomics  
Invited Speaker (2022)  
American Society for Microbiology World Microbe  
Forum, Travel Award (2021)  
NIH/NIAID T32 Ph.D. Training Grant in Basic  
Immunology (2020)  
Mayo Clinic Center for Biomedical Discovery Immunity  
and Infection Symposium, Poster Presentation  
Award (2020)

### JOANINA KATHONI GICOB

American Association of Immunologists (AAI) Minority  
Scientist Travel Award (2023)  
AAI Trainee Abstract Award (2023)  
Mayo Clinic Sydney Luckman Family Predoctoral  
Fellowship (2022)

### ETHAN MILES GRUND

Mayo Kieckhefer M.D.-Ph.D. Scholarship (2022)  
Mayo Langan M.D.-Ph.D. Scholarship (2019)

### ANGELINA SUSIE HWANG

Birkenkamp Scholarship in Global Health (2023)  
Tylenol Future Care Scholarship Semifinalist (2023)  
Society for Investigative Dermatology Travel Fellowship  
Award (2024)

### LINSEY ELISE JACKSON

Johnson & Johnson Scholars of Oncology Diversity  
Engagement Program (2023)  
Scientist Mentoring & Diversity Program for  
Biotechnology Scholar (2021)

### ANNA STONE JENKINS

American College of Physicians National Competition,  
Medical Student Clinical Vignette Poster Finalist (2023)  
International Journal of Safe Patient Handling & Mobility  
Team Mobility Conference, Poster Award Winner (2023)  
American College of Physicians, Florida Chapter Fall  
Competition, Medical Student Clinical Vignette Poster  
Winner (2022)

### GRACE LIANG JOHNSON

Minnesota Psychiatric Society Gloria Segal Award (2024)  
Zumbro Valley Medical Society Outstanding Young  
Leader Award (2021)

### AUDREY ANNE KEIM

Maricopa County Medical Society Medical Student of  
the Year (2023)

### JANNIFER HANUL LEE

BrightFocus Foundation Alzheimer's Disease Grant  
(2021-2024)  
BrightFocus Foundation Diversity Travel Fellowship (2024)  
Annual Mayo Clinic Neuroscience Departmental Retreat  
Selected Speaker (2023)  
Mayo Clinic Department of Neuroscience Retreat Poster  
Competition, 1<sup>st</sup> Place (2022)

# Awards

## National, Regional and State

### YEONSOO SARA LEE

American Medical Women's Association National Vivian E. Shih Scholar (2024)

American Women in Science "Creative Communication in the Sciences" Invited Speaker (2023)

Academic Medicine Call for Letters Honorable Mention (2023)

University of North Carolina - Chapel Hill, Larry D. Keith Scholarship (2023)

American Medical Women's Association Annual Meeting Travel Grant (2023)

American Medical Women's Association National Research Semi-Finalist (2023)

Kern National Network for Caring & Character in Medicine Invited Speaker (2022)

Academic Medicine Call for Letters Honorable Mention (2021)

Society of Thoracic Surgeons Looking to the Future Scholarship (2020)

### KELDON KAI LIN

Stanford University SCORE Scholarship (2023)

National Otolaryngology Interest Group, First Place Poster Presentation (2022)

Jonathan M. Nelson Center for Entrepreneurship Expand Grant, (2022)

MD+ Health Innovation Challenge, First Place (2021)

Mayo Clinic Healthcare Hackathon, First Place (2021)

### ALICE SICONG LIU

Mayo Young Investigators Research Symposium, Best Medical Student Poster Presentation (2022)

Plastic Surgery The Meeting Conference, Top Medical Student Abstracts, Oral Presentation (2023)

### GABRIELLA CECILIA MALAVE

Hispanic Scholarship Fund Scholar (2023)

Mensa Education and Research Foundation Kuhnel Scholarship (2023)

### CLAUDIA MANRIQUEZ ROMAN

American Association for Cancer Research (AACR) Annual Meeting, Doreen J. Putrah Cancer Research Foundation Scholar-in-Training Award (2023)

International Society of Cell and Gene Therapy Annual Meeting, Early Stage Professional Abstract Award (2022)

American Society of Gene and Cell Therapy Annual Meeting, Meritorious Abstract Travel Award (2022)

63<sup>rd</sup> American Society of Hematology Annual Meeting and Exposition, Abstract Achievement Award (2021)

Mayo Clinic Department of Molecular Medicine Small Grant (2019)

### M. LANE MOORE

New England Journal of Medicine Honorarium Recipient (2022-2023)

### EMILY S. NORTON

Mayo Clinic Neuroscience Convergence STEM Scholarship (2018)

Neurosurgery and Regenerative Medicine Enterprise Grant (2018)

Uihlein Neurosurgery Professorship Research Grant (2020-2021)

Ruth L. Kirschstein Predoctoral Individual National Research Service Award (2021-2023)

### JOSEPH PANOS

NIH/NIAMS Ruth L. Kirschstein F31 Individual National Research Service Award (2022-2023)

Orthoregeneration Network Foundation Orthoregeneration Award (2022)

Orthopedic Research Society & Orthoregeneration Network Foundation Education Award (2022)

Mayo Clinic, Department of Molecular Medicine Small Grant Award (2020)

Mayo Bonner M.D.-Ph.D. Scholarship (2017)

### ANJALI JACOB PANICKER

Mayo Clinic Graduate School of Biomedical Sciences Executive Committee Anon Travel Award (2023)

### PARTH PRANAV PARIKH

World Neurosurgery Editor's Choice Award Paper (2022)

### MELISSA PELKEY

Arizona Medical Association Annual Poster Symposium, First Place in Clinical Research (2023)

### CHRISTOPHER POYORENA

U.S. Public Health Service Excellence in Public Health Award (2023)

### JOHN-RUDOLPH HATCHER SMITH

Student National Medical Association Eternal Flame Award (2023)

J. Robert Gladden Society Inaugural Grant Recipient (2023)

# Awards

## National, Regional and State

Mayo Clinic Young Investigators Research Symposium,  
Best Clinical Outcomes Oral Presentation (2022)  
Nth Dimensions Medical Student Symposium Scholar  
(2022)  
Bassett Society Scholar (2020)

### **JULIANNA SMITH**

U.S. Public Health Service Excellence in Public Health  
Award (2023)

### **GLANCIS LUZEENA RAJA**

Minnesota Colorectal Cancer Research Foundation  
Research Grant (2021)

### **VYANKA REDENBAUGH**

European Committee for Treatment and Research in  
Multiple Sclerosis Young Investigator Award (2023)

### **UTKARSH TRIPATHI**

Gordon Seminars Speaker and Travel Award, Barcelona  
(2023)  
Mayo Clinic Benefactor Award (2022)  
American Heart Association Predoctoral Fellowship (2021)

### **KENNETH ANDREW VALLES**

Excellence in Emergency Medicine Award, Society for  
Academic Emergency Medicine (2024)  
National Institutes of Health Ruth L. Kirschstein National  
Research Service Award (2021-2024)  
Delta Omega Society for Honors in Public Health  
Research Award (2023)  
Welch Fellowship in Public Health, Johns Hopkins  
University (2022)  
Clark Family Scholarship in Public Health (2021)  
Fulbright Research Scholar, Sweden (2021)  
Austere Medicine Training Award, Remote Medical  
International (2020)  
Gilead Sciences Investigator Sponsored Research Award  
(2020)

### **SANDEEP SAI VOLETI**

U.S. Public Health Service Excellence in Public Health  
Award (2024)  
American Society of Hematology Best Abstract Award  
(2021)

### **MAIA CHRISTINA YOUNG**

Distinction in Applied Medical and Health Humanities  
(2024)  
Renewable \$10,000 ElevateMed Scholarship Recipient  
(2022)  
Presidential Grand Rounds of the American Society of  
Metabolic and Bariatric Surgery, Poster of Distinction  
(2022)  
Regional Medical Education Conference of the Student  
National Medical Association, Community Service  
Travel Scholarship (2021)

### **JEFFREY WOODS**

Minnesota Psychiatric Society Gloria Segal Award (2024)  
United States Public Health Service Physician Professional  
Advisory Committee Excellence in Public Health Award  
(2023)  
Minnesota Medical Association Foundation Friedman-  
Bowen Grant Recipient (2022)  
Zumbro Valley Medical Society Outstanding Young Leader  
Award (2021)

### **YU WEI**

American Association of Immunologists (AAI)  
IMMUNOLOGY2022 Trainee Poster Award (2022)  
AAI VIRTUAL IMMUNOLOGY2021 Trainee Abstract Award  
(2021)

# 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

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# Congratulations from the Mayo Clinic Alumni Association

The Mayo Clinic Alumni Association was founded in 1915 by alumni who wished to maintain scientific and social contacts with the people and programs of Mayo Clinic. 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. Mayo Clinic alumni and alumnae can be found in more than eighty countries, on the faculty of the world's leading medical schools and in leadership positions of national and international scientific organizations. As the newest members of the association, you now join their esteemed rank. On behalf of the Mayo Clinic Alumni Association's officers, we welcome you and are proud to count you among our respected colleagues.

## **MAYO CLINIC ALUMNI CENTER**

Siebens 7  
200 First Street SW  
Rochester, Minnesota 55905  
507-284-2317  
mayoalumni@mayo.edu  
alumniassociation.mayo.edu

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