

**MAYO
CLINIC**





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.

Awards

- 63 Mayo Clinic Graduate School of Biomedical Sciences Awards
 - Dean's Recognition Awards*
 - Teacher of the Year Awards*
 - Outstanding Mentor Award*
- 69 Mayo Clinic Alix School of Medicine Awards
 - Dean's Recognition Awards*
 - Distinguished Service Awards*
 - Dean's Diversity and Inclusion Awards*
 - Dean's Distinguished Educator Award*
 - Teaching Excellence Awards*
 - Mayo Brothers Award*
 - Teacher of the Year Awards*
 - Golden Stethoscope Awards*
- 84 National, Regional and State Awards

Pledge

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Mayo Clinic Alumni Association

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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

Processional	Bagpipers Platform Participants Faculty Representatives Graduates
Welcome from the Executive Dean	Fredric B. Meyer, M.D.
Remarks by the CEO, Mayo Clinic in Florida	Kent R. Thielen, M.D.
Commencement Address	Jordan S. Dutcher, M.D.
Remarks by the President and CEO, Mayo Clinic	Gianrico Farrugia, M.D.
MCGSBS Dean's Remarks and Awards	Leigh G. Griffiths, MRCVS, Ph.D.
MCGSBS Student Address	Jannifer H. Lee
Conferring of Ph.D. and Masters' Degrees	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.
MCASOM Dean's Remarks and Awards	Gerardo Colon-Otero, M.D.
MCASOM Student Address	Yeonsoo Sara Lee
Conferring of Medical Degrees	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.
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 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

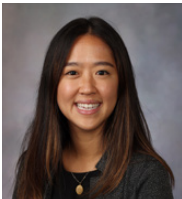
B.S., Psychology

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

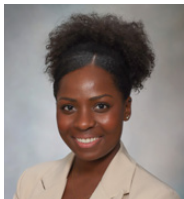


MICHAEL YACOUB

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



OLUFUNMILOLA 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

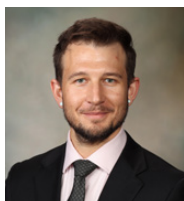
MBA

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

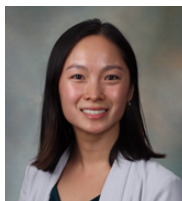
B.S., Biomedical Engineering

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

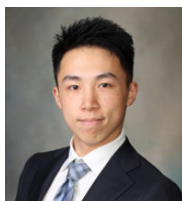
M.S., Science of Healthcare Delivery

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

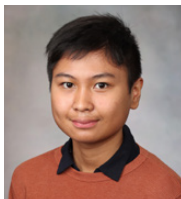
Advisor: Pam J. McLean, Ph.D.
Thesis: Harnessing the Mesenchymal Stromal Cell Secretive to Target Alpha-Synuclein Associated Dysfunction in Parkinson's Disease and Related Disorders

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 GICOBI

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

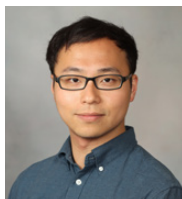
Harvard University
Cambridge, MA

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

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

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 Elsäßer 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⁺-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

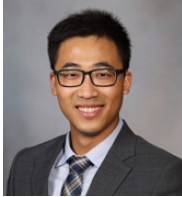
M.S., Clinical and Translational Science

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

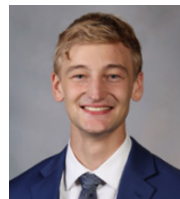
B.S., Biology

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. Hafdahl, 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 competing 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 GICOBI

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, 1st 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)

63rd 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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