

National and Chapter news

AQA Board of Directors installs new officers and members

At the conclusion of its 2021 annual meeting in October, the Alpha Omega Alpha Honor Medical Society Board of Directors installed its 2021/2022 Officers and new members.



President

Lynn Cleary, MD (AQA, The Ohio State University College of Medicine, 1978), Vice President for Academic Affairs, and Professor of Medicine at SUNY Upstate Medical University, and AQA Chapter Councillor.



President-Elect

Steven Wartman, MD, PhD, MACP (AQA, Johns Hopkins University, 1970), Dr. Wartman served as the third President and CEO of the Association of Academic Health Centers (AAHC) in Washington, DC, until his retirement in 2018. Prior to that,

he was Executive Vice President for Academic and Health Affairs, and Dean of the School of Medicine at the University of Texas Health Science Center in San Antonio. He joined the AQA Board of Directors as an At-Large Member in 2013, and has served on *The Pharos* Editorial Board since 1996.



Immediate Past President

Wiley "Chip" Souba, Jr., MD, ScD, MBA (AQA, University of Texas McGovern Medical School, 1978), Emeritus Dean, and Professor of Surgery at Dartmouth Geisel School of Medicine.



Member At-Large

Bradley Barth, MD (AQA, University of Kansas School of Medicine, 1994), Associate Dean for Faculty Development, and Vice-chair for Leadership and Professional Development for the Department of Emergency Medicine, and AQA Chapter Councillor, at the University of Kansas School of Medicine.



Member At-Large

Lynne Kirk, MD (AQA, University of Nebraska Medical Center College of Medicine, 1977), Chief Accreditation and Recognition Officer, Accreditation Council for Graduate Medical Education, and Professor Emeritus, University of Texas Southwestern Medical Center.



Councillor Director

Marie Sandoval, MD (AQA, University of Wisconsin School of Medicine and Public Health, 1995), Associate Professor, Department of Medicine, Division of General Internal Medicine/Geriatrics, and AQA Chapter Councillor at the University of Vermont Medical Center. Dr. Sandoval has been the Councillor at the University of Vermont since October 2018.



Student Director

Olivia Paige Campbell, (AQA, East Carolina University, Brody School of Medicine, 2021), is a fourth-year medical student, and a Medical Education and Teaching Scholar at East Carolina University, Brody School of Medicine.

Recipients of the 2022 academic year Robert J. Glaser Distinguished Teachers Award announced

In partnership with the Association of American Medical Colleges, Alpha Omega Alpha Honor Medical Society has announced the recipients of the academic year 2022 Robert J. Glaser Distinguished Teachers. This year's award winners are:



Tracy B. Fulton, PhD
Professor of Biochemistry, University of California, San Francisco

Over the past two decades, Dr. Fulton has worked to transform medical biochemistry from a siloed collection of enzymes and pathways to an applied discipline focused on understanding. She works with a team to implement and study the Pathways of Human Metabolism Map, a visual tool for health professions students that promotes deep learning and application of classroom concepts to clinical problems.

In an interview with the University of California San Francisco (UCSF) School of Pharmacy, she shared that in her courses she is more interested in what students can do with the information they learn than whether they can recite it from memory.

Dr. Fulton is passionate about helping students see connections between biochemistry and other disciplines and collaborates with faculty locally and nationally in this effort. She brings this focus to her leadership in the partnership between Aquifer and the International Association of Medical Science Educators (IAMSE) to design instructional tools that facilitate integration of basic sciences with

clinical reasoning. She recently joined the joint UCSF-University Medical Center Utrecht Doctoral Program in Health Professions Education to study how students and faculty integrate their knowledge in the clinical workplace.

As chair of two committees that redesigned UCSF's pre-clerkship student assessment in 2015, Dr. Fulton led efforts to replace multiple-choice with open-ended questions, also in support of deep learning. In 2020, she led a complete revision of learning materials in REG-N (Renal, Endocrine, GI, and Nutrition) to eliminate language that perpetuated racism and gender bias.

In addition to her work at UCSF, Dr. Fulton was a member of the group that produced the AAMC Core Entrustable Professional Activities (EPAs) for Entering Residency in 2014 and has served on United States Medical Licensing Examination committees, co-chairing the pharmacology/biochemistry item-writing committee for three years.

Dr. Fulton was the recipient of the International Association of Medical Science Educators (IAMSE) Master Teacher Award in 2017, the first woman to receive the faculty-selected award in a decade.

Dr. Fulton received her PhD in biochemistry in 2000 from USCF. Since 2013, she has held the Academy of Medical Educators Endowed Chair for Excellence in Foundational Teaching at UCSF.



Valerie J. Lang, MD, MHPE (AQA, SUNY Upstate Medical University College of Medicine, 1997)
Associate Professor of Medicine; Senior Associate Division Chief, Hospital Medicine; Director, Faculty Development; Director, Meliora in Medicine, University of Rochester School of Medicine and Dentistry

For the past two decades, Dr. Lang has embodied meliora—the Latin motto of the University of Rochester, which translates to ever better—by seizing every opportunity to create an even more outstanding medical student experience.

Her pioneering work with students spans major contributions to curriculum development and underscores her well-recognized teaching acumen. As associate professor of medicine at the University of Rochester School of Medicine and Dentistry, Dr. Lang led the design and implementation of a groundbreaking two-year course and four-year thread in the medical student program Meliora in Medicine. It combines health systems science with other disciplines such as professional identity formation, collaborative practice and teamwork, the humanities, and technology in medicine. The curriculum touches on subjects such as wellness and resilience, emotional intelligence, leadership, and telehealth.

Dr. Lang also co-led the development of national online virtual-patient courses, via Aquifer Internal Medicine and Aquifer High Value Care, and directs the Clinical Decision-Making Exam team.

Dr. Lang has brought topics such as racism and health care to life for her students.

Dr. Lang has held leadership positions at the medical school, including as chair of the school's Third- and Fourth-Year Instruction Committee, and as a member of its Curriculum Steering Committee. She directed the medicine clerkship for 13 years and leads a faculty development program to support her colleagues' growth as medical educators, clinicians, and scholars.

She has contributed nationally through her involvement in the Alliance for Academic Internal Medicine/Clerkship Directors in Internal Medicine, and the Aquifer Consortium. She has received the Ruth-Marie E. Fincher, MD, Service Award, and the Louis N. Pangaro, MD, Educational Program Development Award.

Dr. Lang received her MD from SUNY Upstate Medical University, and completed her residency in internal medicine at the University of Rochester Medical Center. She received her master of health professions education degree from the University of Illinois at Chicago.



William V. Raszka Jr., MD (ΑΩΑ, Boston University School of Medicine, 1985)

Professor of Pediatrics, Robert Larner, M.D., College of Medicine at the University of Vermont

As director of the pediatrics clerkship at Larner College of Medicine, Dr. Raszka has spent 25 years inspiring students through a combination of outside-the-classroom learning and innovative classroom teaching methods.

Dr. Raszka directs a popular six-week, integrated basic and clinical science course for first-year medical students, called Attacks and Defenses that challenges students through team-based learning. The course has consistently been one of the most highly rated courses in the curriculum.

Nationally, Dr. Raszka led the effort to develop the National Core Curriculum in Pediatrics, a collaboration between the Council on Medical Student Education in Pediatrics and the Academic Pediatric Association's Medical Student Education Special Interest Group. This two-year project produced one of the first competency-based curricula for clerkship students, and was the first to include professionalism.

Dr. Raszka takes his students to museums to practice observational skills, and to visit patients' homes to learn how families manage complex health needs. "Just memorizing the facts is not the key to learning," Dr. Raszka has said. "Being able to use the knowledge is really the exciting part. It's all about clinical decision-making."

An advocate for equity, diversity, and inclusion, Dr. Raszka championed mitigating bias and eliminating inappropriate patient stereotypes while chair of the United States Medical Licensing Examination Management Committee. He was honored by the Class of 2019 with the Dignity in Medicine Award for his work to promote diversity.

Dr. Raszka's dedication to the evaluation of health professionals earned him the 2020 National Board of Medical Examiners Edithe J. Levit Distinguished Service

Award. During the pandemic, he was honored with the 2021 Vermont State School Nurses Association's J. Ward Stackpole, M.D. Award in recognition of the time he spent meeting with, and supporting, the work of school nurses. He serves as an associate editor of the journal *Pediatrics* and has placed in the top one percent for excellence in pediatric infectious disease in the *U.S. News and World Report's* Top Doctors list, which noted his special expertise in immunization compliance and non-tuberculous mycobacterial disease.

Dr. Raszka received his MD from Boston University School of Medicine. He completed his internship and residency in pediatrics at Tripler Army Medical Center in Honolulu, and spent three years in Germany as a general pediatrician before returning to the United States to complete a fellowship in pediatric infectious diseases at the Uniformed Services University of Health Sciences in Bethesda, Maryland.



Leonard E. White, PhD

Associate Professor in Neurology, Department of Neurology, Duke University School of Medicine

As associate professor in neurology at Duke University, Dr. White helped establish team-based learning, developed the first modular videos for hybrid flipped-classroom learning, and integrated humanities into medical education—long before these strategies became well-known and adopted across the country.

In his “Drawing Brains” sessions, first-year medical students complete visual arts projects connecting neuroscience to humanities. He incorporates poetry from neurodiverse authors and challenges students to think openly and equitably about people with disabilities. He is also the co-founder of the Duke Master of Biomedical Sciences program, which includes partnerships to recruit and support talented underrepresented students who aspire to provide health care

in underserved communities. He is also a volunteer with BOOST (Building Opportunities and Overtures in Science and Technology), a multidimensional program designed to excite young people about science and inspire them to pursue careers in medicine and related fields.

Dr. White mentors his colleagues as they develop their own curricula and address student concerns. He has led the university in student-centered education with courses that emphasize active learning, real-time problem-solving, and collaboration. Students regularly join his weekly “neur-runs” to informally discuss neuroscience while running through Duke Forest. His tradition of inviting his class of more than 100 students into his home for an end-of-course celebration each semester is also well-known.

Dr. White has coauthored and edited the leading undergraduate medical education textbook on neuroscience, which is used by medical students around the world. He also created and teaches Medical Neuroscience, a medical school-caliber online course experienced by more than 500,000 learners from more than 190 countries since it began in 2013. The course was named one of the “Top 50 Free Online Courses of All Time” by Class Central in 2016.

At Duke University School of Medicine, Dr. White has received the prestigious student-selected Golden Apple Award five times in the past 10 years, the maximum number of times the award can be received. In 2019, Dr. White earned the highest teaching honor conferred by Duke University, the Alumni Distinguished Undergraduate Teaching Award.

Dr. White received his PhD in neural biology in 1992 from Washington University in St. Louis. After his post-doctoral training at Duke's Department of Neurobiology, he joined the medical school faculty, where he continues to teach.

Academic year 2021 AΩA fellowship, grant, and award recipients

Alpha Omega Alpha Honor Medical Society has 13 national fellowships, grants, and awards for which it allocates \$2 million each year. Due to the COVID-19 pandemic, many of the academic year 2021 awards and programs were underutilized by schools, chapters, students, faculty, and community practice physicians.

Administrative Recognition Award

Gabrielle Redding, Medical University of South Carolina College of Medicine

Valerie Poulson, University of Kansas School of Medicine

Carolyn L. Kuckein Student Research Fellowship

William Abi Antoun, Class of 2022, American University of Beirut Faculty of Medicine

Novel Approach to Cardiac Ablation Post Myocardial Infarction
Mentor: Marwan M. Refaat, MD (AΩA, American University of Beirut Faculty of Medicine, 2003)

Councilor: Ghazi Zaatari, MD (AΩA, American University of Beirut Faculty of Medicine, 1975)

Pooja Agrawal, Class of 2023, University of Texas Medical Branch School of Medicine

Factors That Influence Breast Cancer Screening Compliance Among African-American Women

Mentor: Lorraine Reitzel, PhD

Councilor: Lisa R. Farmer, MD (AΩA, University of Texas Medical Branch School of Medicine, 2001)

Faris Ali, Class of 2024, Saint Louis University School of Medicine
Regulation of Bone Morphogenic Protein 6 Signaling to Hepsidin by Forms of Transferrin

Mentor: Robert E. Fleming, MD (AΩA, Saint Louis University School of Medicine, 1984)

Councilor: Chad S. Miller, MD (AΩA, Tulane University School of Medicine, 2007, Resident)

Marie Altendahl, Class of 2023, David Geffen School of Medicine at University of California, Los Angeles

Investigation of Cytokine Profiles and Cell-mediated Immune Responses in COVID-19 Positive Mother-Infant Dyads

Mentor: Yalda Afshar, MD, PhD

Councilor: Jessica O'Connell, MD (AΩA, University of Texas McGovern Medical School, 2000)

Barrett Anderies, Class of 2022, Mayo Medical School
Machine Learning And Radiomics for Hepatocellular Carcinoma Recurrence Prediction

Mentor: Bradley Erickson, MD, PhD

Councilor: Carola Arndt, MD (AΩA, Boston University School of Medicine, 1978)

Vivienne Au, Class of 2022, SUNY Downstate Health Sciences University

Prediction of Speech, Swallowing, and Quality of Life in Oral Cavity Cancer Patients

Mentor: Mark A. Varvares, MD (AΩA, Saint Louis University School of Medicine, 1986)

Councilor: Jason M. Lazar, MD, MPH (AΩA, SUNY Upstate Medical University College of Medicine, 1987)

Taylor Badger, Class of 2023, Southern Illinois University School of Medicine

Identification of Unique Gi and Gu Microbial Signatures in Ovarian Cancer Patients

Mentor: Andrea Braundmeier-Fleming, PhD

Councilor: Andrew Varney, MD (AΩA, Southern Illinois University School of Medicine, 1988)

Shiva Balasubramanian, Class of 2024, University of Missouri-Kansas City School of Medicine

Copy Number Alterations as Biomarkers for Localized Prostate Cancer Progression to Metastatic Castration Resistant Prostate Cancer

Mentor: Benyi Li, MD, PhD

Councilor: John Foxworth, Pharm D (AΩA, University of Missouri-Kansas City School of Medicine, 2005, Faculty)

Jonathan Bao, Class of 2024, Albany Medical College

Effect of Low Intensity Pulsed Focused Ultrasound on Neuronal Activity in Pain Processing Regions of the Brain

Mentor: Julie G. Pilitsis, MD, PhD (AΩA, Albany Medical College, 2017, Alumnus)

Councilor: Alan S. Boulos, MD (AΩA, Albany Medical College, 1993)

Drew Bergman, Class of 2024, Geisel School of Medicine at Dartmouth College

Investigating Determinants of Human Gene Regulation Through Systematic Studies of Enhancer-Promoter Compatibility

Mentor: Jesse Engreitz, PhD

Councilor: Nancy J. McNulty, MD (AΩA, Geisel School of Medicine at Dartmouth College, 1994)

Geoffrey Bocobo, Class of 2023, University at Buffalo Jacobs School of Medicine and Biomedical Sciences

Exploring the Relationship Between Circulating Cytokine Levels, Genetic Background, and Lifestyle/Health Factors in the Context of Predisposition to Breast Cancer

Mentor: Christine B. Ambrosone, PhD

Councilor: Frank Schimpfhauser, PhD (AΩA, University at Buffalo Jacobs School of Medicine and Biomedical Sciences, 1993, Faculty)

James Brogan, Class of 2022, Albert Einstein College of Medicine
Applying Long Short-term Memory to Predict Onset of Worsening Organ Failure in Hospitalized Patients Using Time Series Data from Electronic Health Records

Mentor: Michelle Ng Gong, MD, MS

Councilor: Ellie Schoenbaum, MD (AΩA, Icahn School of Medicine at Mount Sinai, 1979)

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Daniel Bujnowski, Class of 2024, Loyola University Chicago Stritch School of Medicine

Outcomes of Total Knee Arthroplasty (TKA) in Patients with Perioperative Thrombocytopenia

Mentor: Nicholas Brown, MD

Councilor: Jessica McIntyre, MD (ΑΩΑ, Loyola University Chicago Stritch School of Medicine, 2005)

Eric Chalif, Class of 2022, George Washington University School of Medicine and Health Sciences

A Comparative Analysis of the Immunological Microenvironment Between Murine Glioma Models and Human Glioblastoma

Mentor: Manish Aghi, MD, PhD

Councilor: Alan Wasserman, MD (ΑΩΑ, Drexel University College of Medicine (formerly Hahnemann University), 1972)

Nina Cheng, Class of 2024, Drexel University College of Medicine
Profiling the Amino Acid Transporter Landscape at the Blood-Brain Tumor Barrier Using Multiplexed Immunofluorescence

Mentor: John Y.K. Lee, MD, MSCE (ΑΩΑ, Rutgers Robert Wood Johnson Medical School, 1998)

Councilor: Kathleen F. Ryan, MD (ΑΩΑ, Drexel University College of Medicine (formerly Hahnemann University), 1994, Resident)

Arya Dadhanian, Class of 2023, University of Illinois College of Medicine

Novel Deep Learning Model for Identification of Lung and Colon Cancer Using Histopathological Images

Mentors: Tushar N. Patel, MD; Anuj Tiwari, PhD

Councilor: Jennifer I. Lim, MD (ΑΩΑ, Northwestern University Feinberg School of Medicine, 1984)

Aditya Devarakonda, Class of 2023, Medical College of Georgia at Augusta University

A Quantitative Approach to the Indication of Modified Barium Swallow Studies in Infants with Dysphagia

Mentor: J. Drew Prosser, MD (ΑΩΑ, Medical College of Georgia at Augusta University, 2007)

Councilors: Samuel C. Macomson, MD (ΑΩΑ, Medical College of Georgia at Augusta University, 1997); Natasha M. Savage, MD (ΑΩΑ, Medical College of Georgia at Augusta University, 2015, Faculty)

Ashley Diaz, Class of 2024, University of Chicago Pritzker School of Medicine

Characterization of the Immunogenicity of Donor Lungs Maintained on Ex Vivo Organ Perfusion in Comparison to Conventional Cold Storage

Mentor: Maria Lucia Madariaga, MD

Councilor: Daniel W. Golden, MD, MHPE (ΑΩΑ, University of Illinois College of Medicine, 2006)

Rohit Gupta, (ΑΩΑ, Baylor College of Medicine, 2021), Class of 2022, Baylor College of Medicine

Overcoming Chemoresistance by Pursuing Targetable Vulnerabilities in Ickzf1-Deleted B Lymphoblastic Leukemia

Mentors: Rachel Rau, MD (The Ohio State University College of Medicine, 2003); Margaret A. Goodell, PhD

Councilor: Daniel C. Chelius, Jr., MD (ΑΩΑ, Baylor College of Medicine, 2004)

Gideon Harianja, Class of 2023, Loma Linda University School of Medicine

Telemedicine for Pediatric Urological Care During the COVID-19 Pandemic

Mentor: Joshua D. Chamberlin, MD (ΑΩΑ, Loma Linda University School of Medicine, 2012)

Councilor: Danny Wongworawat, MD (ΑΩΑ, Loma Linda University School of Medicine, 1996)

Jessica Herrmann, Class of 2024, Stanford University School of Medicine

3D Printing of a Human-Scale Cardiac Biopump

Mentor: Mark A. Skylar-Scott, PhD

Councilor: Suzann Pershing, MD, MS (ΑΩΑ, Medical University of South Carolina College of Medicine, 2005)

Alexander Hornung, Class of 2023, Rush Medical College of Rush University

Detection of Cutibacterium Acnes Infection Within Periprosthetic Tissue Associated With Total Shoulder Arthroplasty

Mentor: Robin Pourzal, PhD, Grant E. Garrigues, MD

Councilor: Edward F. Hollinger, MD, PhD (ΑΩΑ, Rush Medical College of Rush University, 2000)

Joseph Kim, Class of 2022, Tulane University School of Medicine
Unraveling the Potential Role of Novel MicRNAs in the Pathogenesis of Peyronie's Disease

Mentors: Wayne Hellstrom, MD (ΑΩΑ, Tulane University School of Medicine, 2013, Faculty); Omer Raheem, MD

Councilor: Bernard M. Jaffe, MD (ΑΩΑ, New York University School of Medicine, 1963)

David Kolin, Class of 2022, Weill Cornell Medical College
Demographic and Occupational Risk Factors for Osteoarthritis: Analysis of a Prospective Cohort of Over 500,000 Participants

Mentor: Olivier Elemento, PhD

Councilor: O. Wayne Isom, MD (ΑΩΑ, University of Texas Southwestern Medical School, 1965)

Abigail Kraus, Class of 2023, University of Alabama at Birmingham School of Medicine

Defining the Role of Endothelin-1 in Hyperoxia-Induced Kidney Damage

Mentor: Carmen De Miguel, PhD

Councilor: Silvio H. Litovsky, MD (ΑΩΑ, University of Alabama at Birmingham School of Medicine, 2014, Faculty)

Gene Lamanilao, Class of 2023, University of Tennessee Health Science Center College of Medicine

Role of Mitochondrial Transplantation in Enhancing Liver Regeneration Following Partial Hepatectomy

Mentors: Amandeep Bajwa, PhD; James D. Eason, MD

Councilor: Harris L. Cohen, MD (ΑΩΑ, SUNY Downstate Health Sciences University, 1997, Alumnus)

- Krista Lamorie-Foote**, Class of 2022, Keck School of Medicine of the University of Southern California
Toll-like Receptor-4 Mediates the Inflammatory Response to Diesel Exhaust Particulate Matter and Chronic Cerebral Hypoperfusion
Mentor: William J. Mack, MD (AQA, Columbia University Vagelos College of Physicians and Surgeons, 2001)
Councilor: Eric P. Hsieh, MD (AQA, Keck School of Medicine of the University of Southern California, 2009, Faculty)
- Jacob Lang**, Class of 2023, College of Medicine and Life Sciences University of Toledo
Addressing Transplant Disparities in Underserved Populations: A Cost-effectiveness Analysis of Living Donor Kidney Transplantation Compared to Hemodialysis in the Eastern Caribbean
Mentor: Obi Ekwenna, MD
Councilor: Donna Ailport Woodson, MD (AQA, College of Medicine and Life Sciences University of Toledo, 2010, Alumnus)
- Jennifer Lee**, Class of 2023, Washington University School of Medicine in St. Louis
A Machine Learning Approach to Optimizing Dynamic Individualized Treatment Regimes for Patients With Vertebral Osteomyelitis and Discitis (VOD)
Mentor: Brenton Pennicooke, MD, MS
Councilor: Allyson R. Zazulia, MD (AQA, Georgetown University School of Medicine, 1994)
- Daniel Lee**, Class of 2022, Morehouse School of Medicine
Impact of Functional Handheld Ocular Erg On Predicting Systemic Diabetic Complications
Mentor: April Y. Maa, MD (AQA, Baylor College of Medicine, 2004)
Councilor: Adesoji Oderinde, MD (AQA, Morehouse School of Medicine, 2000, Resident)
- Thomas Li**, Class of 2024, Icahn School of Medicine at Mount Sinai
Human Langerhans Cell Function in Systemic Lupus Erythematosus Photosensitivity
Mentor: Theresa Lu, MD, PhD
Councilor: Carrie L. Ernst, MD (AQA, Weill Cornell Medical College, 2001)
- Julia Ma**, Class of 2023, SUNY Upstate Medical University College of Medicine
The Impact of Nanoformulated Chemically-Modified Tetracycline on the Development of Ards and Subsequent Aki in a Murine Model of Lps-Induced ALI
Mentor: Qinghe Meng, MD
Councilor: Lynn M. Cleary, MD (AQA, The Ohio State University College of Medicine, 1978)
- Sarah Makhani**, Class of 2022, Herbert Wertheim College of Medicine at Florida International University
Racial Disparities in Clinical Management and Outcomes of Gunshot Wound Related Injuries in the United States
Mentor: Ruchika Goel, MD, MPH
Councilor: Rebecca L. Toonkel, MD (AQA, The Johns Hopkins University School of Medicine, 2004)
- Danielle McAuliffe**, Class of 2023, Lewis Katz School of Medicine at Temple University
Predicting Seizure Trajectories Using Interictal Epileptiform Discharge Patterns and Functional Connectivity to Different Propagation Zones
Mentors: Kareem Zaghoul, MD, PhD; Julio Chapeton, PhD
Councilor: Amy J. Goldberg, MD (AQA, Icahn School of Medicine at Mount Sinai, 1987)
- Julia Metzger**, Class of 2023, New York University School of Medicine
Association of Fetal Left Ventricular Size on Echocardiography With Outcomes in Congenital Diaphragmatic Hernia
Mentors: Jason C. Fisher, MD (AQA, Boston University School of Medicine, 2003); Sandra S. Tomita, MD
Councilor: Linda Tewksbury, MD (AQA, New York University School of Medicine, 1990)
- Abigail Meyers**, Class of 2023, Case Western Reserve University School of Medicine
Transcriptional Analysis for Predictive Biomarkers of Tissue Injury in Ex Vivo Normothermic Limb Perfusion
Mentor: Bahar Bassiri Gharb, MD, PhD
Councilor: Jonathan Fanaroff, MD, JD (AQA, Case Western Reserve University School of Medicine, 1998)
- Matthew Miyamoto**, Class of 2024, University of Maryland School of Medicine
Uncovering the Role of RTTN in Impaired Cardiomyocyte Maturation-Related cDCM
Mentor: Charles C. Hong, MD, PhD
Councilors: Erin L. Giudice, MD (AQA, University of Maryland School of Medicine, 2006); Zaineb Hassan Makhzoumi, MD, MPH (AQA, University of Maryland School of Medicine, 2007); Donna L. Parker, MD (AQA, University of Maryland School of Medicine, 1999, Alumnus)
- Amelie Nkodo**, Class of 2024, Virginia Commonwealth University School of Medicine
Technology Enabled Primary Care During COVID-19
Mentor: Rebecca S. Etz, PhD
Councilor: Susan R. DiGiovanni, MD (AQA, Virginia Commonwealth University School of Medicine, 1984)
- Meghana Noonavath**, Class of 2024, University of Washington School of Medicine
Assessment of Muscle Quality Using Skeletal Muscle Gauge as a Novel Prognostic Factor in Muscle-Invasive Bladder Cancer
Mentor: Sarah P. Psutka, MD, MS
Councilor: Douglas S. Paauw, MD (AQA, University of Michigan Medical School, 1983)
- Janice Ong**, Class of 2023, Northwestern University Feinberg School of Medicine
Prediction of Vision-threatening Complications in Moderate and Severe Nonproliferative Diabetic Retinopathy Using Optical Coherence Tomography Angiography
Mentor: Amani A. Fawzi, MD
Councilor: Shilajit D. Kundu, MD (AQA, University of Illinois College of Medicine, 2000)

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Vikram Puram, Class of 2022, University of Minnesota Medical School

A Novel Mechanism of White Blood Cell Death in Microtubule-stabilizing Chemotherapy

Mentor: Erdem Tabdanov, PhD

Councilor: Charles Billington, MD (AΩA, University of Kansas School of Medicine, 1978)

Haya Raef, Class of 2022, Tufts University School of Medicine
Understanding the Role of IFN Signaling in the Pathogenesis of Depression and Anxiety in Cutaneous Lupus Erythematosus Using Murine Models

Mentor: Jillian Richmond, PhD

Councilor: Amy L. Lee, MD, (AΩA, Tufts University School of Medicine, 2002)

Samuel Short, Class of 2023, The Robert Larner, M.D. College of Medicine at the University of Vermont

Endothelial Markers and Incident Chronic Kidney Disease

Mentors: Mary Cushman, MD, MSc; Katharine Cheung, MD, PhD

Councilor: Marie B. Sandoval, MD (AΩA, University of Wisconsin School of Medicine and Public Health, 1995)

Benjamin Shou, Class of 2024, The Johns Hopkins University School of Medicine

Characterization of Coronary Atherosclerotic Plaques From Ultra-High-Resolution Computed Tomography Angiography and its Utility in Assessing Coronary Artery Disease

Mentor: Armin A. Zadeh, MD, PhD, MPH

Councilor: Joann N. Bodurtha, MD, MPH (AΩA, Yale University School of Medicine, 1979)

Max Skibber, Class of 2024, University of Texas McGovern Medical School

Mechanotransduction of Therapeutic Mesenchymal Stromal Cells for Improved Immunomodulation

Mentor: Charles S. Cox, MD (AΩA, University of Texas Medical Branch School of Medicine, 1992, Resident)

Councilor: Eugene Boisaubin, MD (AΩA, University of Missouri-Columbia School of Medicine, 1970)

Phoebe Um, Class of 2022, The Ohio State University College of Medicine

Esophageal Dysfunction Post-lung Transplantation

Mentor: Gokulakrishnan Balasubramanian, MD,

Councilor: Sheryl Pfeil, MD (AΩA, The Ohio State University College of Medicine, 1984)

YuChia (Timmy) Wang, Class of 2024, Eastern Virginia Medical School

Shoulder Arthroplasty in Patients with Multiple Sclerosis: Complications Stratified by Arthroplasty Type

Mentor: Brian Werner, MD

Councilor: Rebecca Britt, MD (AΩA, Eastern Virginia Medical School, 1998)

Grace Wei, Class of 2023, University of South Florida Morsani College of Medicine

Best Practices for Melanoma Detection in a Multi-modal Next-generation Access-centered Integrated Teledermatology Community Care Network

Mentor: James M. Grichnik, MD, PhD

Councilor: Catherine M. Lynch, MD (AΩA, University of South Florida Morsani College of Medicine, 1990)

Brandon White, Class of 2022, Perelman School of Medicine at the University of Pennsylvania

Prenatal CRISPR-Base Editing To Correct Genetic Lung Disease

Mentor: William H. Peranteau, MD

Councilor: Sharon A. Lewis, MD (AΩA, University of Miami Miller School of Medicine, 2005)

Alpha Omega Alpha Honor Medical Society Award for Excellence in Inclusion, Diversity, and Equity in Medical Education and Patient Care

Florida International University Herbert Wertheim College of Medicine (HWCOCM) for its innovative admissions policies and unique curriculum that incorporates service learning to foster social accountability, especially with underserved South Florida communities.

University of South Florida Morsani College of Medicine has created a curricular thread integrated into all four years of training called Humanism in Action, which involves teaching students the communication skills necessary to elicit the values of their patients and then integrate those values into the medical plan for the patient.

Alpha Omega Alpha Honor Medical Society Professionalism Award

American University of Beirut Faculty of Medicine for its Salim El-Hoss Bioethics and Professionalism Program
Program Leader: **Thalia Arawi, PhD**

Baylor College of Medicine for The Center for Professionalism
Program Leader: **Ellen M. Friedman, MD** (AΩA, Baylor College of Medicine, 2017, Faculty)

Fellows in Leadership

Jay M. MacGregor, MD (AΩA, University of North Dakota School of Medicine and Health Sciences, 2010, Resident)
Deputy Chief of Staff of the VA Eastern Colorado (Denver) Healthcare System

John P. Riordan, MD, MSc (AΩA, Virginia Commonwealth University School of Medicine, 1992) Associate Professor of Emergency Medicine, University of Virginia School of Medicine; Vice-Chair of Clinical Operations and Medical Director of the Emergency Department, University of Virginia Health System

Rachel Marie Salas, MD, MEd (AΩA, The Johns Hopkins University School of Medicine, 2020, Faculty) Professor, Neurology and Nursing, The Johns Hopkins University School of Medicine; Director of the Neurology Clerkship, βDirector of Interprofessional Education and Collaborative Practice (IPCP), The Johns Hopkins University School of Medicine

Helen H. Glaser Student Essay Award

First Prize— “Historic Context & Communication: Undoing Medical Mistrust;” by **Olivier Joseph**, Class of 2023, University of Chicago Pritzker School of Medicine

Second Prize— “Health Care’s Carbon Footprint;” by **Preethi Kesavan, MD** Class of 2021, Washington University School of Medicine in St. Louis

Third Prize— “Respect;” by **Jaclyn Arvedon**, Class of 2022, Herbert Wertheim College of Medicine at Florida International University

Medical Student Service Leadership Project

Albert Einstein College of Medicine for Einstein Community Corps Student leaders: **Rachel Weinstock** (AΩA, Albert Einstein College of Medicine, 2021); **Anna Bitners** (AΩA, Albert Einstein College of Medicine, 2021); **Bryan Szeglin** (AΩA, Albert Einstein College of Medicine, 2021)

Student members: **April Sosa, Taneisha Sinclair, Brett Bell** Mentor leaders: **Alicia Martinez, MS; Heather Archer-Dyer, MPH** Mentors: **Oladimejia Oki, MD; Nadine Katz, MD** (AΩA, Albert Einstein College of Medicine, 2013, Faculty)

New York Medical College for its Transformational Education Leadership Program: Combating Systemic Racism and Implicit Bias through Medical Education

Student leaders: **Lior Levy, Redab Alnifaidy, Joshua Buckley, Ebtisam Zeynu**

Mentor leaders: **Pamela Ludmer, MD** (AΩA, New York Medical College, 2019, faculty), **Mill Etienne, MD, MPH** (AΩA, New York Medical College, 2017, Alumnus)

Mentors: **Zuleika Cuevas, MBA, MA; Ronald Risucci, PhD; Danny Catano; Katharine Yamulla, MA**

University of Rochester School of Medicine and Dentistry for its Health and Incarceration: A Community-Centered Leadership Collaborative

Student leaders: **Kavya Bana, Kathleen Carino, Nick Contento, Carly Eiduson, Caroline Farmer, Melissa Holloway, Rachel Johnson, Tessa Oliver**

Student members: **Grace Benitez, Shreya Bhasin, Jay Y. Hwang** (AΩA, University of Rochester School of Medicine and Dentistry, 2021), **Shea Kelly-Buckley, Michelle Liu** (AΩA, University of Rochester School of Medicine and Dentistry, 2021), **Hayley Martin** (AΩA, University of Rochester School of Medicine and Dentistry, 2021), **Katharine Norris, Maryam Omran, Gavin Piester**

Mentor leader: **Diane Morse, MD; Michael Mendoza, MD, MPH, MS** (AΩA, University of Rochester School of Medicine and Dentistry, 2017, faculty), **Kristin Doughty, PhD; Natalie Whaley, MD, MPH; Matthew Petite**

University of South Florida Morsani College of Medicine for the USF Health Immersive Interprofessional Education for Leadership-based Medical Education and Community Partnership

Student leaders: **Joshua Mizels** (AΩA, University of South Florida Morsani College of Medicine, 2021), **Lauren Linkowski, Premsai Kumar, Ryan Sawyers, Paige DeBlieux, Madeline Hooper, Weiwei (Mimi) Liu, Charissa Bloom**

Mentor leader: **Deborah DeWaay, MD** (AΩA, Medical University of South Carolina College of Medicine, 2011, faculty) Mentors: **Dawn Schocken, PhD, MPH; Joann Quinn, PhD, MBA**

Pharos Poetry Competition

First Place— “A Tempest, In Two Hypoxic Parts;” by **Kathryn Crofton**, University of Rochester School of Medicine and Dentistry

Second Place (tie)— “As I Lay Still;” by **Julia Feinstein**, Case Western Reserve University School of Medicine

Second Place (tie)— “Poetry and Dementia;” by **Sara Heide**, New York Medical College

Robert H. Moser Essay Award

“The Toughness of a Trailblazer: Daniel Hale Williams, MD;” by **Gregory W. Schneider, MD** (AΩA, University of Missouri-Columbia College of Medicine, 1995)

Postgraduate Award

Yusha (Katie) Liu, MD, PhD (AΩA, University of Washington School of Medicine, 2016) University of Washington School of Medicine

Digital Curriculum to Enhance Patient-Centered Communication in Surgery

Mentor: **Jeffrey B. Friedrich, MD** (AΩA, University of Texas McGovern Medical School, 2000)

Aida Nourbakhsh, MD, PhD (AΩA, Virginia Commonwealth University School of Medicine, 2019) University of Miami Miller School of Medicine

Overcoming Radiation Resistance in Vestibular Schwannoma: Radiobiology and Targets for Therapeutic Intervention

Mentor: **Christine Dinh, MD** (AΩA, University of Miami Miller School of Medicine, 2008)

Arpan Prabhu, MD (AΩA, University of Arkansas for Medical Sciences, College of Medicine, 2022, Resident) University of Arkansas for Medical Sciences, College of Medicine

Using Virtual Reality Technology to Improve the Patient Experience and Quality of Care During Brachytherapy

Mentor: **Gary D. Lewis, MD**

Jennifer Sedler, MD, Stanford University School of Medicine *Teaching Pediatric Residents a Communication Framework for Delivering Difficult News: A Randomized-controlled Trial of Teaching Methods*

Mentor: **Carrie (Caroline) Rassbach, MD, MA**

National and Chapter news

Mayur Sharma, MD, MS (ΑΩΑ, University of Louisville School of Medicine, 2020, Resident) University of Louisville School of Medicine
Patterns and Impact of Surgical Approaches on 30-day Outcomes in Patients With Lumbar Isthmic Spondylolisthesis. A National Registry Analysis

Mentor: Maxwell Boakye, MD, MPH, MBA

2021 academic year Robert J. Glaser Distinguished Teacher Award

John W. Bigbee, PhD, Professor Department of Anatomy and Neurobiology, Director of the Neuroscience Ph.D. Graduate Program, Virginia Commonwealth University School of Medicine

Marianne M. Green, MD (ΑΩΑ, University of Illinois College of Medicine, 1990) Senior Associate Dean for Medical Education; Raymond H. Curry, MD, Professor of Medical Education, Northwestern University, Feinberg School of Medicine

Daniel R. Wolpaw, MD (ΑΩΑ, Case Western Reserve University School of Medicine, 1976) Professor of Medicine and Humanities, Penn State College of Medicine

Paul A. Hemmer, MD (ΑΩΑ, Medical College of Wisconsin, 1988) Professor and Vice Chair, Educational Programs, Uniformed Services University of the Health Sciences

Visiting Professorship

Janine Austin Clayton, MD (ΑΩΑ, Howard University College of Medicine, 1998) George Washington University School of Medicine and Health Sciences, “Making and taking Leadership Opportunities for Women in Medicine”

Stephanie L. Goff, MD, Herbert Wertheim College of Medicine at Florida International University, “Leadership, Obstacles, Triumphs and Lessons Learned as a Physician-Scientist”

Perer J. Hotez, MD, PhD (ΑΩΑ, George Washington University School of Medicine and Health Sciences, 2008, faculty) University of Chicago Pritzker School of Medicine, “Preventing the Next Pandemic: Vaccine Diplomacy in a Time of Antiscience”

William Levine, MD, University of Miami Miller School of Medicine, “Surgical education: How Do We Train the Next Generation of Orthopedic Surgeons?”

Patrick J. Loehrer, MD (ΑΩΑ, Indiana University School of Medicine, 2004, faculty) Indiana University School of Medicine, “Heroes, Role Models, Mentors and Friends: A Personal Path to Leadership”

Griffin P. Rodgers, MD (ΑΩΑ, Warren Alpert Medical School of Brown University, 2008, Alumnus) The Ohio State University College of Medicine, “Excellence in Research and Leadership in Medicine”

Eduardo A. Santiago-Delpin, MD (ΑΩΑ, University of Puerto Rico School of Medicine, 1964) University of Puerto Rico School of Medicine, “Organ Transplantation in Latin America”

Velma Scantlebury, MD, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, “Standing Bold Against Racial and Health Inequities”

Nancy Spector, MD (ΑΩΑ, Drexel University College of Medicine, 2008, faculty) University of Maryland School of Medicine, “Moving the Needle: Mentorship, Sponsorship and Allyship”

Mark B. Stephens, MD, MS (ΑΩΑ, Case Western Reserve University School of Medicine, 1993) University of Virginia School of Medicine, “(Un)Masking Identity: Art as Autoethnography-- Reflections on Life and Healthcare”

Kanta Subbarao, MD, MPH, SUNY Upstate Medical University College of Medicine, “The Scientific and Public Health Response to the Emergence of a New Pathogen”

Volunteer Clinical Faculty Award

Dale Agner, MD, University of Nebraska Medical Center College of Medicine

Sandra Balmoria, MD, Virginia Commonwealth University School of Medicine

Jessica Bossie, MD, University of Massachusetts Chan Medical School

J. Andrew Bowe, MD, Rutgers Robert Wood Johnson Medical School

Aimee S. Crow, MD, University of Chicago Pritzker School of Medicine

Jamil T. Elfarra, MD, University of Louisville School of Medicine

Nelson Garcia, Jr., MD, Herbert Wertheim College of Medicine at Florida International University

Marc A. Georgi, MD, University of South Carolina School of Medicine

Albert H. Grollman, MD, George Washington University School of Medicine and Health Sciences

Lincoln Heath, MD, The Robert Larner, M.D. College of Medicine at the University of Vermont

George Tseng Ho, MD, (ΑΩΑ, Northwestern University Feinberg School of Medicine, 1987), The Ohio State University College of Medicine

Jean Lageson, MD, University of South Dakota Sanford School of Medicine

Clayton Ramsue, MD, Morehouse School of Medicine

Joseph A. Readling, MD (ΑΩΑ, University of Rochester School of Medicine and Dentistry, 1981), SUNY Upstate Medical University College of Medicine

Niyati Shah, MD University of Michigan Medical School

Dana Silver, MD (ΑΩΑ, University of Maryland School of Medicine, 1991), University of Maryland School of Medicine

Neal Sorensen, MD, University of Washington School of Medicine

Donald F. Zimmer, MD, Indiana University School of Medicine