

National and Chapter news

AQA Board of Directors installs new officers and members

At the conclusion of its 2020 annual meeting in October the Alpha Omega Alpha Honor Medical Society Board of Directors installed its 2020/2021 Officers and new members.



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.



President Elect 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 Councilor.



Immediate Past President Sheryl Pfeil, MD (AQA, The Ohio State University College of Medicine, 1984), Professor of Internal Medicine; Medical Director, Clinical Skills Education and Assessment Center, and AQA Chapter Councilor, The Ohio State University College of Medicine and Wexner Medical Center.



Secretary/Treasurer John Tooker, MD, MBA, MACP (AQA, University of Colorado, 1970), Emeritus Executive Vice President and CEO of the American College of Physicians.

Member-At-Large



Atul Grover, MD, PhD (AQA, George Washington University, 1995) Executive Director, Association of American Medical Colleges Research and Action Institute, Washington, DC. He may serve three consecutive three-year terms.

Student Director



Rakan Dodin, (AQA, University of North Dakota: School of Medicine and Health Sciences, 2021), Grand Forks, ND. He will serve a three-year term as a Student Director.

Councilor Director



Josè Ginel Rodriguez, MD (Universidad Central del Caribe School of Medicine, 1996, Faculty) Dean, Health Science, Escuela de Medicina San Juan Batista, and AQA Chapter Councilor, Caguas, Puerto Rico. He will serve a three-year term as a Councilor Director.

Organizational Representative



Barbara L. McAneny, MD (University of Iowa Roy J. and Lucille A. Carver College of Medicine, 1977), Immediate Past President, American Medical Association, private practice oncologist/hematologist, Albuquerque, NM. She will serve a three-year term.

Alpha Omega Alpha announces constitutional changes to the membership nominations and election process

Under the leadership of President Sheryl Pfeil, MD, the Alpha Omega Alpha (AQA) Board of Directors adopted changes to the society’s constitution to recognize in the election of new members the highest levels of competence, character, trustworthiness, leadership, professionalism, scholarship, and service, and to support elections that are inclusive, diverse, and equitable. The changes to the AQA constitution were made during the society’s annual Board of Directors meeting.

AQA is committed to national leadership in advancing diversity and inclusion in the profession of medicine. These changes will provide more flexibility to Chapters and value the diversity of qualities that contribute to high quality patient care, leadership, service, and scholarship. They embrace and respect differences and foster creativity in how Chapters and schools celebrate students who contribute in these important ways. While it may require continued refinement over time based on input from myriad constituents, this is an important step forward for AQA.

“The changes adopted today by the AQA Board of Directors are significant in furthering our core tenets of leadership, professionalism, and humanism,” said Dr. Pfeil. “By promoting inclusivity, diversity, and equity we are ensuring that we remain true to our mission and motto of being ‘worthy to serve the suffering.’”

The constitutional changes, recommended by the AQA Task Force on Membership and Elections, which is chaired by Lynn Cleary, MD, have been under consideration for 18 months, and received unified support of AQA Chapter Councilors and subsequently the Board of Directors.

“I am proud of the work of the AQA Task Force on

Membership and Elections. They have been very productive over the past couple of years, culminating in these constitutional recommendations that help recognize holistically the characteristics of excellent physicianship in selecting new members,” said Dr. Cleary who was also named the President Elect at the conclusion of the AΩA Board of Directors meeting.

Under Article IV. MEMBERSHIP AND GENERAL CONSIDERATIONS, Section 2 Medical Student

Memberships, the new consitituion language reads:

A.) General guidelines for eligibility and election: Each school will identify students who, based on merit, demonstrate the characteristics of becoming excellent physicians and are aligned with AΩA’s mission and values and the school’s determination; these students shall be considered as eligible for nomination for election (see section 2c).

The characteristics of excellent physicianship will be identified by each school; examples include trustworthiness, character, caring, knowledge, scholarship, proficiency in the doctor-patient relationship, leadership, compassion, empathy, altruism, and servant leadership. From this group, up to twenty (20) percent of the total number of the class expected to graduate may be elected to membership. The Dean or his/her designee will work with the Chapter Councilor to establish a process to identify students expected to graduate and who match the school’s criteria for eligibility. This includes input from appropriate administrative staff who can verify that nominees have no academic or professionalism concerns. AΩA expects an unbiased, inclusive nomination and election process as described below.

B.) Timing of election: Each school/Chapter may determine the best timing for their elections. Chapters may choose to nominate all or a portion of their quota of student members at any time during the final year prior to graduation. Up to fifty (50) percent of the total number of students to be elected may be elected in the penultimate year. Chapters are encouraged to save one or two positions in each class of students for seniors to be nominated closer to graduation, in recognition of notable achievements during the final year of undergraduate medical education.

C.) Criteria for eligibility: Each school/Chapter will identify evidence-based methods for determining eligible students based on AΩA’s mission and values and the school’s mission and definitions of excellence in physicianship. In addition to academic achievement, schools/Chapters should use measures of research and scholarship, leadership, ethical behavior, professionalism, service to the school and community at-large, and/or other elements

determined by the school/Chapter. Each school/Chapter should identify and then weigh these elements in the election process based on their mission and goals.

Each school must maintain the attributes of AΩA – academic achievement, research, education, leadership, humanism, professionalism, service – throughout the election process. Each school/Chapter must be transparent with this process and shall implement a mechanism for the selected elements and weighting to be made known to all students, e.g., handouts, orientation, website, etc. Once nominated by a Chapter, students, residents, faculty, and alumni shall not campaign in any way for election to AΩA.

“These changes in our constitution will support AΩA and our profession and are consistent with our values. We expect and will guide Chapters to establish nomination and election processes that reduce bias and are open, accepting, inclusive, and culturally aware. By doing this, we will enrich the tradition of electing members who are ‘worthy to serve the suffering,” said Richard L. Byyny, MD, FACP, AΩA Executive Director.

2020 Robert J. Glaser Distinguished Teachers announced

The 2020 Alpha Omega Alpha Honor Medical Society Robert J. Glaser Distinguished Teachers have been announced.

John W. Bigbee, PhD



Professor Department of Anatomy and Neurobiology, Director of the Neuroscience PhD Graduate Program, Virginia Commonwealth University School of Medicine

Over three decades, Dr. Bigbee, PhD, has developed a reputation as an innovative and enthusiastic educator. He is well-known among VCU medical, graduate, and dental students for his passion for teaching histology. Throughout his career, he has spent countless hours developing innovative materials and original images to use in teaching students about the microscopic anatomy of tissues. Recognizing changes to educational laboratory environments and the power of technology in the 1990s, Dr. Bigbee and colleague Alice Pakurar, PhD, led a project to create an “interactive digital atlas” of more than 1,200 histology images, illustrations, and associated learning materials. First engineered on CD-ROM in 1998, Digital Histology is now available as an open educational resource for histology learners around the globe.

Dr. Bigbee has received 27 Outstanding Teaching Awards. VCU awarded him its highest mentoring award in

1999, and the 2002 VCU Award for Innovating Excellence in Teaching, Learning and Technology. In 1994, he received the Gender Equity Award from the American Medical Women's Association. Dr. Bigbee has served as a primary mentor for 17 PhD, MD-PhD, and master's students. He has authored 58 peer-reviewed articles and nine book chapters in the field of neuroscience and serves as the neuroscience graduate program director at VCU.

Marianne M. Green, MD, FACP (ΑΑ, 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

Since joining the faculty at Northwestern University Feinberg School of Medicine in 1997, Dr. Green has pioneered educational reform. Under her leadership, Feinberg was among the first medical schools to modernize its curriculum and implement a comprehensive electronic portfolio-based assessment system, which permits the longitudinal measurement of competency achievement and individualized student support for learning.

Dr. Green has led the implementation of several curricular innovations at Feinberg, including implementing the school's first clerkship-associated objective structured clinical examination; designing and implementing an electronic tracking system to better review longitudinal student performance, which served as a precursor for the longitudinal assessment portfolio; and designing and implementing competency-based medical education (CBME). Dr. Green is now leading a team to implement an entrustable professional activities framework into the competency-based assessment system.

Dr. Green has become a leading national voice for CBME and for the evolution of undergraduate medical education and graduate medical education.

Dr. Green consistently receives outstanding teaching evaluations for her classroom and in-clinic instruction. She has received more than a dozen teaching awards, including the George H. Joost Award for Teaching, awarded by the graduating medical student class. Feinberg bestowed on her an endowed professorship in 2017.

Paul A. Hemmer, MD, MPH (ΑΑ, Medical College of Wisconsin, 1988)



Professor and Vice Chair, Educational Programs, Uniformed Services University of the Health Sciences

As vice-chair for educational programs at USUHS since 2008, Dr. Hemmer oversees all preclerkship educational programs and intradepartmental courses; all medicine clerkship sites in the continental United States and Hawaii; M4 electives throughout the United States; and key faculty development programs and initiatives. In all these endeavors, he is well-known for his commitment to helping students and faculty excel, and has provided personal feedback on the performance of more than 12,000 medical students and several hundred clerkship faculty. He also helped develop the Introduction to Clinical Medicine and the Introduction to Clinical Reasoning courses, which he teaches.

Dr. Hemmer's associated educational scholarship in evaluation, curriculum, and faculty development and educational research has earned him national and international praise. He has received numerous honors, including Academic Grand Master of the U.S. Air Force; the Patil Award for Assessment by the Association for Medical Education in Europe; the Ruth-Marie E. Fincher, MD, Service Award from the Clerkship Directors in Internal Medicine; the Lifetime Achievement Award from the University of Wisconsin—Milwaukee Alumni Association; the Laureate Award from the Air Force Chapter of the American College of Physicians; and the Carol Johns Medal, the highest honor faculty can receive at USUHS.

In 2012, Dr. Hemmer retired as a colonel from the U.S. Air Force Medical Corps after more than 20 years of service, and received the Defense Superior Service Medal.

Daniel R. Wolpaw, MD (ΑΑ, Case Western Reserve University School of Medicine, 1976)



Professor of Medicine and Humanities, Penn State College of Medicine

As professor of medicine and humanities, Dr. Wolpaw's notable contributions at Penn State College of Medicine include developing and co-directing the Systems Navigation Curriculum, developing and co-directing an innovative course in critical thinking, and serving as the design lead for educational innovation at the school's University Park Regional Campus. He is a

champion of developing authentic roles for learners that improve care and add value to health systems and communities of practice.

Dr. Wolpaw's interest and expertise in integrating the humanities in medicine is evident in his scholarship, teaching, and clinical practice. He has championed the importance of sitting at a patient's bedside by introducing a portable campstool on rounds. In clinic, he models for learners sitting and experiencing eye-to-eye connections with patients.

Before joining Penn State in 2013, Dr. Wolpaw served on the faculty at Case Western Reserve University School of Medicine for 30 years. At both institutions and nationally, he has received high praise for his extraordinary skills as an educator and mentor. Accolades include the Career Achievements in Medical Education Award from the Society of General Internal Medicine, the Newark Beth Israel Healthcare Foundation Humanism in Medicine Award, Honorary Research Fellow in Medical Education at the University of Tokyo, and the PSCM Clinical Science Master Career Mentor Award. Dr. Wolpaw is also a prolific scholar of medical education, having written the lead chapter of the seminal textbook on educating students for health systems practice and publishing in numerous journals, including the *New England Journal of Medicine*.

ΑΩΑ announces 2020 Fellows in Leadership

Alpha Omega Alpha Honor Medical Society recently announced its 2020 Fellows in Leadership. This year's recipients are:



Alexandra (Aleca) Clark, MD
(ΑΩΑ, Albany Medical College, 1999)

Dr. Clark graduated from Albany Medical College and completed her pediatric residency at Loma Linda University Children's Hospital. After residency she served as a chief resident before joining the faculty at Loma Linda. She spent seven years as the Assistant Pediatric Clerkship Director and served nationally as the COMSEP mentoring chair for five years. During the following seven years she served as the Pediatric Department Chair at Riverside University Health System where she completed the Leadership Fellowship with America's Essential Hospitals; and as the Chief Medical Information Officer where she coordinated a multidisciplinary team to

implement Epic across the health system, including two hospitals, 10 Federally Qualified Health Centers and multiple hospital based clinics. She currently oversees a group of more than 70 pediatricians and pediatric hospitalists at Loma Linda University Children's Health. She is co-chair of the Children's Hospital move committee as they prepare to open the new Children's Hospital tower in 2021.

Project: Creation of a clinician focused mental performance program using the techniques of sports performance psychology

To develop a three-workshop series teaching clinicians tools to allow them to perform at their peak mental and emotional state using techniques taught to high performance athletes. This series will be taught to a cohort of faculty and then to the Medical School 2 class prior to starting their clinical years, followed by expansion of the program into residency and faculty practices.



Fasil Mesfin, MD, PhD, FACS, FAANS
(ΑΩΑ, Albany Medical College, 2009)

Dr. Mesfin graduated from Albany Medical College and completed his neurosurgical residency program under Dr. John Popp and Dr. Alan Bolus. His subspecialty training is in neurosurgical oncology and complex spine. He is a tenured associate professor at the University of Missouri School of Medicine, and Director of the Complex Spine clinic at the University of Missouri Hospital.

As the leading spine surgeon at MU Health Care, Dr. Mesfin is actively involved in the development of the MU Spine Center. As the only neurosurgeon in the institution who subspecializes in spine surgery, he is instrumental in communicating spine-related issues to multiple departments including surgery, orthopedics, rehabilitation, and radiology.

Dr. Mesfin participates in the review of MU Health Care policies and procedures that relate to the spine program, including the standardization of spinal instrumentation, and developing outreach neurosurgery services.

He is a co-chair of Admissions Committee. As an educator, Dr. Mesfin has primary teaching responsibilities for fellows, residents and medical students.

Project: Development of a mentorship program for matriculating medical school students

To develop a pilot program called TIGERS— (Training and Innovation Ground for Educational and Research Support for Medical Students) for Medical Students. This

is a novel mentorship program that will allow medical students to have individual committed mentors throughout their medical school training.



Deep J. Shah, MD, MSc (AQA, Emory University School of Medicine, 2020, Faculty)

Dr. Shah is a board-certified primary care physician (internal medicine) at Gwinnett Clinic, and adjunct clinical faculty at Emory University School of Medicine.

He has expertise in health policy, clinical operations, and health care finance. A native of metro Atlanta, Dr. Shah graduated *summa cum laude* as a Foundation Fellow from the University of Georgia. He was awarded Truman and Rhodes Scholarships, affording him the opportunity to obtain a Master's degree in comparative social policy at the University of Oxford. Dr. Shah then received a medical degree at Harvard Medical School, where he was awarded a Soros Fellowship for New Americans. At Emory, he was named outstanding physician resident all three years.

At Gwinnett Clinic, Dr. Shah practices full-time primary care and leads clinical operations across Gwinnett Clinic's 19 sites. In his administrative role, Dr. Shah supports primary care, specialty practices, and all ancillary services in pursuit of delivering high value care in the metro Atlanta area. He has recently helped co-direct the practice's response to the COVID-19 pandemic, which has further challenged and sharpened his leadership skills. He currently serves on the board of Georgians for a Healthy Future and is active with the American College of Physicians.

Project: Best practices for integrating nurse practitioners and physician assistants into community primary care

To develop best practices for integrating nurse practitioners and physician assistants into community-based primary care practices, with an emphasis on patient access, population health, financial stability, and physician longevity.

The program

The AQA Fellow in Leadership recognizes and supports the development of outstanding mid-career physician leaders. Fellows spend one year honing their leadership skills and expanding their knowledge base in the areas of:

Leading from within—Creating access to a broader range of ways of being, thinking, and acting to become more effective in dealing with the challenges for which the usual solutions are inadequate. Unlike most existing programs that teach leadership by imparting someone else's knowledge (a third-person approach), this Fellowship emphasizes creating leaders using a first-person "as-lived/lived-through" methodology. In working with Fellows to "unpack" their hidden beliefs and frames of reference, new contexts will emerge that give them more space and more degrees of freedom to lead effectively as their natural self-expression.

Servant Leadership—Based on specific core values, ideals, and ethics, effective, sustainable, and excellent leadership is based on core professional and personal values and a commitment to servant leadership.

The five essential components of the AQA Fellow in Leadership Award are:

1. Self-examination, the "inward journey," leading from within;
2. A structured curriculum focused on topics related to leadership, including an understanding of the relationship between leadership and management;
3. Mentors and mentoring;
4. Experiential learning to broaden the perspective and understanding of leadership as it relates to medicine and health care; and
5. Team-based learning and developing communities of practice.

Recipients will receive a \$30,000 award to be used for further development of their leadership skills through a specific year-long project. The award may not be used for salary support for either the Fellow or institutional mentors. The award may be used for attendance at a leadership development course or resources related to the Fellow's project or other expenses related to leadership development approved by AQA.

Academic year 2020 AΩA fellowship, grant, and award recipients

Alpha Omega Alpha Honor Medical Society has 13 national fellowships, grants, and awards for which it provides \$2 million each year. Due to the COVID-19 pandemic, many of the 2020 awards and programs were curtailed.

Following is a list of the 2020 academic year recipients.

Administrative Recognition Award

Recognizes the invaluable work performed by Chapter administrative personnel.

Sandra Mingo, SUNY Downstate Health Sciences University

Carolyn L. Kuckein Student Research Fellowship

Supports medical student research for clinical investigation, basic laboratory work, epidemiology, social science/health services, leadership, or professionalism. The 54 recipients of the 2020 fellowships were:

Faisal Ahmad, Class of 2023, Washington University School of Medicine in St. Louis

Targeting microbial nanomachines to prevent indwelling medical device infections

Mentor: William H. McCoy IV, MD, PhD

Councilor: Morton E. Smith, MD (AΩA, University of Maryland School of Medicine, 1959)

Lorry E. Aitkens, Class of 2023, Medical College of Georgia at Augusta University

Effect of keratinocyte differentiation on AQP3 acetylation in human and mice keratinocytes

Mentor: Wendy Bollag, PhD

Councilor: Laura D. Carbone, MD, MS (AΩA, Medical College of Wisconsin, 1989)

Sarah Bhattacharjee, Class of 2022, University of Chicago Pritzker School of Medicine

The impact of selective serotonin reuptake inhibitors on musculoskeletal healing

Mentor: Lewis Shi, MD, Jason Strelzow, MD

Councilor: Adam Cifu, MD (AΩA, Weill Cornell Medical College, 1993)

Elias Bou Farhat, Class of 2022, American University of Beirut Faculty of Medicine

Human Monocyte Derived microglia like cells (mdmi): differential marker expression and cytokine profile in multiple sclerosis

Mentor: Samia Joseph Houry, MD (AΩA, American University of Beirut Faculty of Medicine, 1984)

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

Arpan Chakraborty, Class of 2021, University of Oklahoma College of Medicine

Investigating the effects of transcranial magnetic stimulation on glioblastoma multiforme in vitro

Mentor: Chad A. Glenn, MD (AΩA, University of Oklahoma College of Medicine, 2017)

Councilor: Annie Moreau, MD (AΩA, University of Oklahoma College of Medicine, 2006)

Victor Chen, Class of 2023, The Ohio State University College of Medicine

The role of PRMT5 in pathogenesis of T-cell acute lymphoblastic leukemia/lymphoma

Mentor: Robert Baiocchi, MD, PhD

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

William Chen, Class of 2023, Saint Louis University School of Medicine

Role of dietary iron accumulation on ketone metabolism in diabetic retinopathy

Mentor: Jaya Gnana-Prakasam, PhD

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

Emily Coker, Class of 2021, David Geffen School of Medicine at University of California, Los Angeles

Dance for children with autism spectrum disorder: A therapeutic intervention to improve motor ability, perceived physical competence, and self-efficacy

Mentor: Rujuta Wilson, MD

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

Katherine Cook, Class of 2021, University of Texas Medical Branch School of Medicine

Clinical outcomes and cost of care after massive blood transfusion during hospitalization for delivery at a tertiary care hospital

Mentor: Rovnat Babazade, MD

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

Brendan Crabb, Class of 2022, University of Utah School of Medicine

Development of a deep learning model for motion correction in digital subtraction angiography

Mentor: Frederic Noo, PhD, Gabriel Fine, MD (AΩA, University of Washington School of Medicine, 2014)

Councilor: Robert O. Hoffman, MD (AΩA, University of Utah School of Medicine, 1981)

Hannah Cutshall, Class of 2022, University of Alabama at Birmingham School of Medicine

Transcriptomic characterization of multiple myeloma

Mentor: Elizabeth E. Brown, PhD, MPH

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

Coleman Dennis, Class of 2022, University of Arkansas for Medical Sciences, College of Medicine Socioeconomic Factors and

Brachytherapy in gynecological cancers

Mentor: Gary Lewis, MD

Councilor: Molly M. Gathright, MD (AΩA, University of Arkansas for Medical Sciences, College of Medicine, 2003)

Siddhant Dogra, Class of 2021, New York University School of Medicine

Highly-temporally-resolved 4D MR angiography using flexible

Compressed Sensing and Golden-Angle Radial Sparse Parallel (GRASP) MRI characterization of parametric and non-parametric neuroimaging

features flow, perfusion, metabolism, and viability

Mentor: Seena Dehkharghani, MD

Councilor: Linda Tewksbury, MD (AΩA, New York University School of Medicine, 1990)

Grace Ferri, Class of 2022, Boston University School of Medicine

Novel cocrystallization of apolipoprotein A-I with butyric acid

Mentor: David Atkinson, PhD

Councilor: James Holsapple, MD (AΩA, SUNY Upstate Medical University College of Medicine, 2004)

Kayla Holston, Class of 2023, Sidney Kimmel Medical College
Strategic design development for malawian Public Health Center labor and delivery suites

Mentor: Meghan Gannon, PhD, MPH

Councilor: Clara Callahan, MD (AΩA, Sidney Kimmel Medical College, 1993)

James Hu, Class of 2023, University of California Irvine School of Medicine
Harnessing machine learning to personalize cleft lip markings

Mentor: Raj Vyas, MD (AΩA, David Geffen School of Medicine at University of California, Los Angeles, 2006)

Councilor: Ranjan Gupta, MD (AΩA, Albany Medical College, 1992)

Brian Huang, Class of 2023, Perelman School of Medicine at the University of Pennsylvania

Correlating antigen expression in glioblastoma organoids with response to CART immunotherapy

Mentor: Hongjun Song, PhD

Councilor: Jon B. Morris, MD (AΩA, Perelman School of Medicine at the University of Pennsylvania, 1998)

Katherine Jensen, Class of 2022, University of Texas Health San Antonio Long School of Medicine

Association of social risk factors and frailty on surgical outcomes after vascular procedures

Mentor: Paula Shireman, MD, MS, MBA

Councilor: Elizabeth Reed Hanson, MD (AΩA, Washington University School of Medicine in St. Louis, 2007)

Samir Kamat, Class of 2023, Icahn School of Medicine at Mount Sinai
Perspectives on managing Hepatitis C among those recently released from incarceration in New Jersey: A qualitative study

Mentor: Joel Cantor, ScD

Councilor: Carrie Ernst, MD (AΩA, Weill Cornell Medical College, 2001)

Elina Kapoor, Class of 2022, George Washington University School of Medicine and Health Sciences

The prevalence of sensorineural hearing loss (SNHL) in patients with sickle cell disease: Is there a benefit in routine audiometric screening?

Mentor: Ashkan Monfared, MD

Councilor: Alan Wasserman, MD (AΩA, MCP Hahnemann (Allegheny University), 1972)

Christine Kohn, Class of 2021, University of Connecticut School of Medicine
Characterizing safety and efficacy in patients with cancer-associated thromboembolism

Mentor: Molly A. Brewer, DVM, MD, MS (AΩA, SUNY Upstate Medical University College of Medicine, 1990)

Councilor: Kevin D. Dieckhaus, MD (AΩA, University of Missouri-Kansas City School of Medicine, 1991)

Manish Kuchakulla, Class of 2021, University of Miami Miller School of Medicine

Targeting the tumor microenvironment with nitric oxide and CSF1R inhibitor combination therapy in castration-resistant prostate cancer

Mentor: Ranjith Ramasamy, MD

Councilor: Alex J. Mechaber, MD (AΩA, George Washington University School of Medicine and Health Sciences, 1998)

Maxwell Lee, Class of 2022, Case Western Reserve University School of Medicine

A Phase III, randomized, double blind, placebo controlled trial to investigate the effect of a perioperative analgesia protocol on postoperative opioid usage and pain control in patients undergoing major head and Neck Cancer Surgery Requiring Microvascular Free Flap Reconstruction

Mentor: Jamie Ku, MD

Councilor: Jonathan Fanaroff, MD, JD (AΩA, Case Western Reserve University School of Medicine, 1998)

KieuYen Luu, Class of 2021, University of California Davis School of Medicine

Anatomic predictors of vision decline in patients with diabetic macular edema with good visual acuity

Mentor: Glenn Yiu, MD, PhD

Councilor: W. Suzanne Eidson-Ton, MD, MS (AΩA, University of California Davis School of Medicine, 2013)

Racheed Mani, Class of 2022, Renaissance School of Medicine at Stony Brook University

A post-surgical, second-stage laser ablation of tumor margins to treat glioblastoma multiforme (GB)

Mentor: Charles B. Mikell, MD (AΩA, Columbia University Vagelos College of Physicians and Surgeons, 2009)

Councilor: Jack Fuhrer, MD (AΩA, Renaissance School of Medicine at Stony Brook University, 1997)

Justin McCallen, Class of 2021, East Carolina University Brody School of Medicine

A Novel Target to Alleviate Immunotherapy-Related Colitis

Mentor: Li V. Yang, PhD

Councilor: Danielle Walsh, MD (AΩA, University of South Florida Morsani College of Medicine, 1994)

Ahneesh Mohanty, Class of 2022, University of Texas Southwestern Medical School

The DNND II Study: a 10-year follow-up on a randomized controlled double-blinded prospective study on the effect of lower extremity nerve decompression on pain and neurophysiology in patients with diabetic peripheral neuropathy

Mentor: Shai Rozen, MD

Councilor: Kevin Klein, MD (AΩA, University of Texas Southwestern Medical School, 1981)

Samantha Moore, Class of 2023, Medical College of Wisconsin

Selective modulation of attentional subprocesses using high-definition transcranial direct current stimulation: future applications to chemo-brain

Mentor: Priyanka Shah-Basak, PhD

Councilor: Michael Lund, MD (AΩA, University of Iowa Roy J. and Lucille A. Carver College of Medicine, 1996)

Christine Park, Class of 2022, Duke University School of Medicine
Development of a novel epilepsy therapy: interneuron transplantation into human epileptic tissue specimens

Mentor: Derek Southwell, MD, PhD

Councilor: Edward G. Buckley, MD (AΩA, Duke University School of Medicine, 1994)

You Jeong (Julie) Park, Class of 2023, University of South Florida Morsani College of Medicine

T-regulatory cells confer anti-inflammation against stroke-induced white matter injury

Mentor: Cesario Borlongan, PhD, MA

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

Anand Patel, Class of 2022, Loyola University Chicago Stritch School of Medicine

Cervical spine injuries: a prospective study of mandatory swallow testing at a single center

Mentor: Dr. Suguna Pappu, MD, PhD

Councilor: Vikram C. Prabhu, MD, MS (AΩA, Loyola University Chicago Stritch School of Medicine, 2009)

National and Chapter news

Manish Patel, Class of 2022, University of Illinois College of Medicine
Wireless, battery-free, fully-implantable thermal sensors for monitoring organ transplant health and immune assessment of a rodent model

Mentor: John A. Rogers, PhD, MS

Councilor: Jessica Hanks, MD (AQA, University of Illinois College of Medicine, 2002)

Rajan Patel, Class of 2021, Baylor College of Medicine
Modelling glioblastoma in a novel rapidly all-inducible 3-D neural network

Mentor: Robert Krencik, PhD

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

Keyan Peterson, Class of 2022, Wake Forest School of Medicine
Creation of a translational animal model of sporadic cerebral arteriovenous malformations: A murine neurovascular-specific endothelial KRASG12D mutation model

Mentor: Stacey Quintero Wolfe, MD (AQA, University of Missouri-Kansas City School of Medicine, 2001)

Councilor: Michael S. Cartwright, MD, MS (AQA, Wake Forest School of Medicine, 2002)

Elena E. Pliakos, Class of 2022, Rosalind Franklin University of Medicine & Science

The cost-effectiveness of cephazolin compared to nafcillin for the treatment of methicillin-sensitive staphylococcus aureus bacteremia

Mentor: Eleftherios Mylonakis, MD, PhD

Councilor: Michael Zdon, MD (AQA, Rosalind Franklin University of Medicine & Science, 1991)

Adrian Rodrigues, Class of 2023, Stanford University School of Medicine

Studying the anti-tumor effects of microglial depletion and repopulation in a murine glioma model

Mentor: Melanie Hayden-Gephart, MD, MAS

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

Diana Rubio, Class of 2021, University of Minnesota Medical School

Stroke in minorities: a retrospective observational study

Mentor: Haitham Hussein, MD, MSc

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

Michelle Santoso, Class of 2023, University of Tennessee Health Science Center College of Medicine
Mitochondria-containing extracellular vesicles restore myocardial bioenergetics

Mentor: Phillip C. Yang, MD

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

Kurt Schultz, Class of 2021, University of Massachusetts Medical School

Discharge opioid prescribing patterns after colorectal surgery at a large urban safety-net hospital

Mentor: Uma Phatak, MD, MS

Councilor: Terence Flotte, MD (AQA, Louisiana State University Health New Orleans School of Medicine, 1985)

Rohan Sehgal, Class of 2023, Drexel University College of Medicine
Developing a model to devise microbiota-mediated interventions for 'inflammaging'

Mentor: Luigi Ferrucci, MD, PhD

Councilor: Kathleen F. Ryan, MD (AQA, MCP Hahnemann, 1994)

Natalie Smith, Class of 2023, University of Washington School of Medicine
Investigating the efficacy of hemopoietic stem cell transplantation in patients with anaplastic large cell lymphoma

Mentor: Monica Thakar, MD, Corinne Summers, MD (AQA, Florida State University College of Medicine, 2009)

Councilor: Douglas S. Paauw, MD (AQA, University of Michigan Medical School, 1983)

Siddhartha Srivastava, Class of 2021, The Johns Hopkins University School of Medicine

Use of systemic IDO1 inhibition in conjunction with srs and local chemotherapy for glioblastoma

Mentor: Michael Lim, MD (AQA, The Johns Hopkins University School of Medicine, 2019)

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

Madeleine St. Peter, Class of 2022, University of Kansas School of Medicine
Evaluation of MiRNA in perilymph as a potential biomarker for Meniere's disease

Mentor: Hinrich Staecker, MD, PhD (AQA, Albert Einstein College of Medicine, 1991)

Councilor: Bradley E. Barth, MD (AQA, University of Kansas School of Medicine, 1994)

Nathan Suek, Class of 2023, Columbia University Vagelos College of Physicians and Surgeons

Single cell analysis to dissect T-cell heterogeneity in colorectal cancer

Mentor: Arnold Han, MD, PhD

Councilor: Timothy C. Wang, MD (AQA, Columbia University Vagelos College of Physicians and Surgeons, 1983)

Harun Sugito, Class of 2022, Geisel School of Medicine at Dartmouth College

Creating an anatomically accurate 3D model of the middle ear using micro-ct imaging and soft tissue staining of the temporal bone

Mentor: James E. Saunders, MD, MS

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

Aron Sulovari, Class of 2023, University of Rochester School of Medicine and Dentistry

Clinical utilization of species-specific immunoassay for diagnosis and prognosis of staphylococcus aureus and streptococcus agalactiae in orthopaedic infection

Mentor: Irvin Oh, MD

Councilor: Jane Liesveld, MD (AQA, University of Iowa Roy J. and Lucille A. Carver College of Medicine, 1979)

Bryan Szeglin, Class of 2021, Albert Einstein College of Medicine/Montefiore Medical Center

The utility of circulating tumor DNA and 3D tumoroid models of rectal cancer to prospectively investigate in vivo and ex vivo responses to chemotherapy and radiation.

Mentor: J. Joshua Smith, MD, PhD (AQA, Vanderbilt University School of Medicine, 2013)

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

Nicholas Tan, Class of 2023, SUNY Downstate Health Sciences University

Association between corneal hysteresis and vision loss in a glaucoma-Hispanic population following ahmed glaucoma valve surgery

Mentor: Nathan M. Radcliffe, MD (AQA, Lewis Katz School of Medicine at Temple University, 2003)

Councilor: Michael H. Augenbraun, MD (AQA, SUNY Downstate Health Sciences University, 2009)

Ryan Thibodeau, Class of 2021, SUNY Upstate Medical University College of Medicine
Retrospective review of Cerebrovascular Changes in Individuals Treated with Cranial Irradiation
Mentor: Seung Hahn, MD
Councilor: Lynn Cleary, MD (AΩA, The Ohio State University College of Medicine, 1978)

Melissa Thomas, Class of 2023, Albany Medical College
Sex differences in liver pathology in a mouse model of alzheimer's disease
Mentor: Kristen Zuloaga, PhD
Councilor: Alan Boulos, MD (AΩA, Albany Medical College, 1993)

Thomas Vazquez, Class of 2021, Herbert Wertheim College of Medicine at Florida International University
Delays in the approval of biologic medications by insurance companies for patients of low socioeconomic status with psoriasis and psoriatic arthritis
Mentor: Andrea D. Maderal, MD (AΩA, University of Miami Miller School of Medicine, 2011)
Councilor: Rebecca L. Toonkel, MD (AΩA, The Johns Hopkins University School of Medicine, 2004)

Yamini Vyas, Class of 2023, University of Maryland School of Medicine
MRI-guided focused ultrasound (MRgFUS)-enabled detection and measurement of circulating tumor DNA in brain tumor patients
Mentor: Graeme Woodworth, MD, Jeffery Winkles, PhD
Councilor: Donna L. Parker, MD (AΩA, University of Maryland School of Medicine, 1999)

Connor J. Wakefield, Class of 2021, Rush Medical College of Rush University
Neutrophil lymphocyte ratio as a predictor of acute kidney injury in newly admitted septic patients
Mentor: Robert A. Balk, MD (AΩA, University of Missouri-Kansas City School of Medicine, 1993)
Councilor: Laurie A. Proia, MD (AΩA, Rush Medical College of Rush University, 1994)

Yue Zhang, Class of 2023, Northwestern University Feinberg School of Medicine
Mechanisms of primary and acquired resistance in Merkel cell carcinoma
Mentor: Jaehyuk Choi, MD, PhD (AΩA, Yale University School of Medicine, 2006)
Councilor: Shilajit Kundu, MD (AΩA, University of Illinois College of Medicine, 2000)

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

This award recognizes medical schools (and their associated AΩA Chapter) that demonstrate exemplary leadership, innovation, and engagement in fostering an inclusive culture that transforms the ideals of inclusion, diversity, and equity into successful programs that support medical student, house staff, and faculty diversity in service to the community. The four 2020 award recipients were:

Meharry Medical College School of Medicine for its pipeline programs encouraging young minority students to pursue careers in the health sciences.

SUNY Upstate Medical University College of Medicine for its development of a series of innovative programs to enhance recruitment of a diverse student body and efforts to advance an inclusive culture.

The Johns Hopkins University School of Medicine for its Bayview Internal Medicine Residency Program with its deliberate and successful approach to improving the recruitment of students underrepresented in medicine.

University of North Dakota School of Medicine and Health Sciences for its Indians into Medicine program that supports American Indian and Alaskan Native students on their paths to becoming physicians.

Professionalism Award

Recognizes a program in a medical school or other institution that represents best practices in medical professionalism. The 2020 recipient is:

Renaissance School of Medicine at Stony Brook University
Renaissance School of Medicine's Professional Identity Formation Curriculum
Program Leaders: Latha Chandran, MD, PhD; Richard J. Iuli, PhD

Fellow in Leadership

Provides mid-career physicians with an opportunity to continue to develop leadership skills and opportunities.

Alexandra Clark, MD (AΩA, Albany Medical College, 1999)
Division Chief, General Pediatrics, Loma Linda University Children's Health; Assistant Professor of Pediatrics, Loma Linda University School of Medicine

Fassil Mesfin, MD, PhD, FACS, FAANS (AΩA, Albany Medical College, 2009)
Associate Professor of Neurological Surgery, University of Missouri School of Medicine; Director of Complex Spine and Spine Oncology, University of Missouri School of Medicine

Deep Shah, MD, MSc (AΩA, Emory University School of Medicine, 2020, Faculty) Vice President and Primary Care Physician at Gwinnett Clinics; Adjunct Clinical Faculty at Emory University School of Medicine

Helen H. Glaser Student Essay Award

Encourages medical students to write creative narratives or scholarly essays relevant to medicine. Winners are published in the Autumn issue of *The Pharos*.

First Place — "If Dementia Comes for Me," by **David Ney**, Class of 2022, Sidney Kimmel Medical College

Second Place — "Just the Honey," by **Gillian Stein**, Class of 2021, New York University School of Medicine

Third Place — "Hair and Its Stories," by **Jesse Persily**, Class of 2022, New York University School of Medicine

Medical Student Service Leadership Project

Supports leadership development in medical students. The 2020 award recipients are:

John A. Burns School of Medicine University of Hawaii

Hawaii Inter-Island Coalition for Primary Care Pathways

Student leader: **Qian Bian** (AQA, John A. Burns School of Medicine University of Hawaii, 2020)

Student members: **Clark Caballero, Megan Horita, EunYoung Park**

Mentor leader: **Jill Omori, MD** (AQA, John A. Burns School of Medicine University of Hawaii, 1995)

Mentor: **Teresa Schiff, MD**

Loyola University Chicago Stritch School of Medicine

CASCADE Leadership Program: Leaders Building Leaders

Student leaders: **Ryan Mack, Gabriela Fuentes, Tooba Ghous,**

Yolanda Pham, Taylor Petruszewski (AQA, Loyola University Chicago Stritch School of Medicine, 2020)

Student members: **Nicolette Codispoti, Djoni Elkady, Samuel Lubor, David Mata Vaca**

Mentors: **Jessica McIntyre, MD** (AQA, Loyola University Chicago

Stritch School of Medicine, 2005), **Gregory Gruener, MD, MBA,**

MHPE (AQA, Loyola University Chicago Stritch School of Medicine,

2010), **Lena Hatchett, PhD, Aaron Michelfelder, MD** (AQA, Loyola

University Chicago Stritch School of Medicine, 1997), **Trent Reed, DO**

(AQA, Loyola University Chicago Stritch School of Medicine, 2019, Faculty)

Uniformed Services University of the Health Sciences F. Edward Hébert School of Medicine

First Aid for Severe Trauma Training (FAST-T) Program

Student leader: **Kristin Burnham**

Student members: **Vivek Abraham** (AQA, Uniformed Services

University of the Health Sciences, 2019), **Kevin Anderson, Nicholas**

Krupa, Rachel Watkin, Danielle Touma, Rebecca Martin

Mentor leader: **Craig Goolsby, MD, MEd** (AQA, Tulane University School of Medicine, 2004)

Mentors: **Robert A. Liotta, MD** (AQA, Uniformed Services University

of the Health Sciences, 2001), **Martin Ottlini, MD, MEd** (AQA,

Wayne State University School of Medicine, 1984)

Pharos Poetry Competition

Encourages medical students to write poetry. Winners are published in the Autumn issue of *The Pharos*.

First Place—“Visiting Hours,” by **Christoffer Amdahl**, University of Iowa Carver College of Medicine

Second Place—“First Code,” by **Sue Dong, MD**, SUNY Downstate Health Sciences University College of Medicine

Third Place—“He Lives and He Learns,” by **Abdelrahman Rahmy**, Case Western Reserve University School of Medicine

Postgraduate Award

Supports residents or fellows in their pursuit of a research or scholarly project in the spirit of the AQA mission. The 9 recipients are:

Christopher Conner, MD, PhD (AQA, University of Texas McGovern Medical School, 2020) *Rideshare utilization and motor vehicle trauma*

Mentor: Ryan Kitagawa, MD (AQA, Baylor College of Medicine, 2006)

Carlos Green, MD, University of Miami Miller School of Medicine *exploring Careers and Inspiring Teens to Excel (EXCITE): Improving attitudes toward otolaryngology through one day workshops for under-represented college students*

Mentor: Giovana Thomas, MD (AQA, University of Miami Miller School of Medicine, 2019)

Adhm Khalafallah, MD, The Johns Hopkins University School of Medicine *Improving cost-effectiveness education in neurosurgical training: A personalized, team-oriented, real-time, web-based intervention*

Mentor: Debraj Mukherjee, MD, MPH

Benson Ku, MD, Emory University School of Medicine *Impact of residential instability on conversion to psychosis in adolescents at high risk: A nationwide, multi-site longitudinal case-control study*

Mentor: Elaine Walker, PhD

Abigail McCallum, MD, University of Louisville School of Medicine *Topology defines ontogeny: exploring the Development of Commissural Fibers in the Mammalian Brain*

Mentor: Haring J. W. Nauta, MD, PhD (AQA, Case Western Reserve University School of Medicine, 1973)

Raja Narayan, MD, MPH (AQA, University of California Irvine School of Medicine, 2014) *Stanford University School of Medicine*

Developing artificial intelligence models to define grade and predict outcomes from neuroendocrine liver metastases

Mentor: Marc L. Melcher, MD, PhD (AQA, Columbia University Vagelos College of Physicians and Surgeons, 1999)

Jeans Santana, MD, SUNY Downstate Health Sciences University

The effect of educational anesthesia videos (Aanesthesia & Me) on pre-operative anxiety

Mentor: Ketan Shevde, MD

Michael J. Strong, MD, PhD, MPH, MS (AQA, Tulane University School of Medicine, 2017) *University of Michigan Medical School*

Differential immune landscape in the pre-metastatic niche may promote metastatic growth in axial skeleton

Mentor: Nicholas Szerlip, MD

Harun Thimmiah, MD, University of Massachusetts Medical School

Implementing a clinician educator track for medicine-pediatric and pediatric residency programs

Mentor: Michael Fahey, MD

Robert H. Moser Essay Award

Honors the late Robert H. Moser, MD (AQA, Georgetown University, 1969) by selecting and publishing an outstanding essay celebrating the life of a physician who has enriched the world through his/her career in medicine.

“Blazing His Own Trail: The Life and times of Dr. James Reed” by

Cinnamon D. Bradley, MD (AQA, University of Illinois College of Medicine, 1998)

Robert J. Glaser Distinguished Teacher Award

Recognizes outstanding contributions to medical education by honoring inspired teaching of basic and clinical sciences. The four 2019 recipients are:

Susan M. Cox, MD (AQA, University of Texas Southwestern Medical Center at Dallas, 2006, Faculty), Executive Vice Dean for Academics, University of Texas at Austin Dell Medical School

Mohammed K. Khalil, DVM, PhD, MSED, Clinical Professor, University of South Carolina School of Medicine – Greenville

N. Kevin Krane, MD (AQA, Tulane University, 1999, Alumnus), Vice Dean for Academic Affairs, and Professor of Medicine, Tulane University School of Medicine

Cathleen C. Pettepher, PhD (AQA, Vanderbilt University, 2015, Faculty), Professor of Biochemistry and Medical Education and Administration, and Assistant Dean of Medical Student Assessment, Vanderbilt University School of Medicine

Visiting Professor

Medical schools with an active AQA Chapter may host one visiting professor during each academic year. Following is a list of the 17 AQA Visiting Professors, the institution they visited, and title of their talk:

Kenneth Alexander, MD, PhD, University of Central Florida College of Medicine, “Emerging Viral Diseases: What is Mother Nature Trying to Tell Us?”

Sarah Barlow, MD, MPH, Wake Forest School of Medicine, “Intervening in Childhood Obesity: If you build it, will they come?”

Jo Buyske, MD (AQA, Columbia University Vagelos College of Physicians and Surgeons, 1987), Lewis Katz School of Medicine at Temple University, “Trust and Entrustability”

Sean Elliott, MD, MS (AQA, University of Arizona College of Medicine, 2009), Rosalind Franklin University of Medicine & Science, “A Patient-Centered Approach to Bladder Management after Spinal Cord Injury”

Richard Gunderman, MD, PhD, MPH (AQA, University of Chicago Pritzker School of Medicine, 1992), University of Texas Health San Antonio Long School of Medicine, “The Vital Role of Professionalism in Medical Excellence”

Eve Higginbotham, SM, MD (AQA, Morehouse School of Medicine, 2008), University of Minnesota Medical School, “Diversity in Medicine”

Richard Hodes, MD, University of Michigan Medical School, “Three Decades in Ethiopia: An American Internists Life”

Holly Humphrey, MD (AQA, University of Chicago Pritzker School of Medicine, 1983), Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, “Shaping the Educational Experience by Addressing the Learning Environment”

Hadine Joffe, MD, MSc, University of Chicago Pritzker School of Medicine, “Where are the Women? Pursuit of Equity in the Development of Novel Therapeutics”

Wendy Levinson, MD, OC, SUNY Upstate Medical University College of Medicine, “1) Choosing Wisely - From an Idea to an International Movement; 2) Choosing Wisely - Practical Tools for Tackling Overuse”

James W. Lynch, MD (AQA, University of Florida College of Medicine, 1999), Indiana University School of Medicine, “The Power of Community”

Kimberly Manning, MD, Vanderbilt University School of Medicine, “The Patient as Our Teacher: Timeless Lessons and Teachable Moments”

William McDade, MD, PhD (AQA, University of Chicago Pritzker School of Medicine, 2011), The Johns Hopkins University School of Medicine, “Diversity and Inclusion in GME”

Joia Mukherjee, MD, MPH (AQA, University of Minnesota Medical School, 1992), University of Rochester School of Medicine and Dentistry, “Worthy to Serve the Suffering”

Miguel Paniagua, MD, MHPE (AQA, University of Miami Miller School of Medicine, 2004), University of Kentucky College of Medicine, “Case Conference: Relapsing-remitting impostor-itis Diagnosis and Management”

Victoria Sweet, MD, PhD, University of California Davis School of Medicine, “Slow Medicine and Our Sixth Sense”

Joseph Wright, MD, MPH (AQA, Howard University College of Medicine, 2015), University of Miami Miller School of Medicine, “Child Health Advocacy in the Academic Medical Center: Can It Really Work?”

Volunteer Clinical Faculty Award

Recognizes community physicians who contribute to the education and training of students. The 17 recipients are:

Andreas Bollmann, MD, Sidney Kimmel Medical College

Stephen W. Brooks, MD, University of Massachusetts Medical School

Nathan E. Bruce, DO, University of Nebraska Medical Center College of Medicine

R. Matthew Cambareri, MD, SUNY Upstate Medical University College of Medicine

Elizabeth E. Ferrenz, MD, Boston University School of Medicine

Sandra L. Hans, MD, University of Cincinnati College of Medicine

Michael S. Marshall, MD, University of Texas Southwestern Medical School

Shari R. Midoneck, MD (AQA, Weill Cornell Medical College, 2001, Alumni), Weill Cornell Medical College

Mathew Parayil, MD, New York Medical College

Bethany Perry, MD (AQA, Lewis Katz School of Medicine at Temple University, 1997), Drexel University College of Medicine

William W. Pond, MD, Indiana University School of Medicine

John T. Quresima, MD, MEd, The Robert Larner, M.D. College of Medicine at the University of Vermont

Jason Spurling, MD, University of Missouri-Columbia School of Medicine

Patrick J. Stiles, II, MD, University of Kansas School of Medicine

Simita Talwar, MD, University of Maryland School of Medicine

John P. Thalken, MD, University of Washington School of Medicine

Ravi Vadlamudi, MD, MPH, University of Michigan Medical School