

GW Heart and Vascular Institute e-Newsletter: August 2024

Education

Please join us in welcoming our three new general cardiology fellows to GW! Drs. Max Eggers, Ashley Govi, and Karthik Sreedhara began their three-year general fellowships on July 1st.

Dr. Max Eggers completed college at the University of Florida before heading to Florida Atlantic University for medical school. He then moved north to DC and completed internal medicine residency in June at GW.

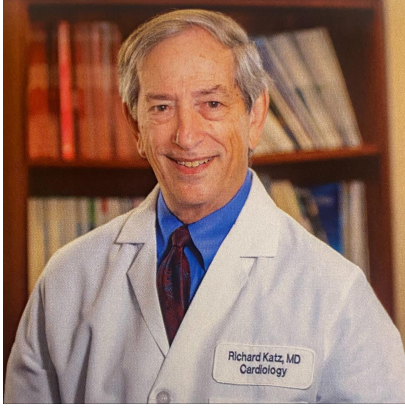
Dr. Ashley Govi attended college in Virginia at the College of William and Mary before completing medical school at Temple in Philadelphia. She then came to GW for her internal medicine residency which she also completed in June.

Dr. Karthik Sreedhara graduated from UC San Diego for college and then went to medical school at SUNY Downstate. He completed his medicine residency at the Cleveland Clinic before spending a year at the University of Pennsylvania as an academic hospitalist prior to joining us here at GW.



Cardiology Events - Reaching Milestones

On July 18th, the GW Heart and Vascular Institute hosted a retirement reception and fundraiser at RIS



restaurant to honor Richard Katz, MD, Bloedorn Professor of Cardiology, Professor of Medicine. This event was focused on celebrating Dr. Katz's incredible contributions over a 47 year career. Faculty, staff, and former students joined together to celebrate an incredible mentor and friend in Dr. Katz who is now Emeritus and continuing his work in education and community health efforts around cardiology and prevention. Two new annual awards were announced in his honor: eligible cardiovascular medicine fellows will be awarded the **Dr. Richard Katz Research Award** for the best original research contributions and one faculty will be awarded the **Richard Katz Faculty Mentor Award**.

GW HVI at National and International Meetings

GW Heart and Vascular– National Leadership in Cardiac Imaging at the SCCT 2024 Scientific Sessions

The GW Cardiac Imaging program continues to provide national and international leadership in educating cardiovascular professionals in novel methods of heart disease diagnosis at an earlier stage through artificial intelligence, heart failure imaging and integration with lipid therapies. GW Cardiology Faculty **Dr. Andrew Bradley (Associate Program Director)** and **Dr. Panjrath (GWHVI Director)** were invited faculty. Mentored trainees and students gave several research presentations. **Drs. Andrew Choi (Noninvasive and Multimodality Cardiac Imaging Director)** and **Dr. Rebecca Hwa (Chair of Computer Science)** at GW collaborated for global attendees in the Artificial Intelligence/Machine Learning symposium joined by ACC Immediate Past President Dr. Hadley Wilson and leadership from national imaging societies.

Dr. Andrew Bradley – Abstract Moderator - Prognostic Evaluation and Risk Stratification

Hufsa Khan and Kopal Bansal (Medical Students; mentor Dr. A. Choi) – **Poster Presenters** - *The Emerging Role of CAD Plaque Quantification Through AI-QCT in Younger Individuals and Elevated Lipoprotein (A)*

Rachel Bernardo (Medical student) and **Nick Nurmohmaed** (Research fellow); mentor Dr. A. Choi – **Poster Presenters** *Diagnostic Accuracy in CCTA Analysis: Artificial Intelligence versus Visual Assessment*

Dr. Rebecca Hwa (GW Trustworthy AI Initiative) – Speaker - *AI/ML Model Design and Parameters*; Featured Session - *Basics of AI/ML Large Language Models (eg: Chat GPT) and AI/ML Grant Support*

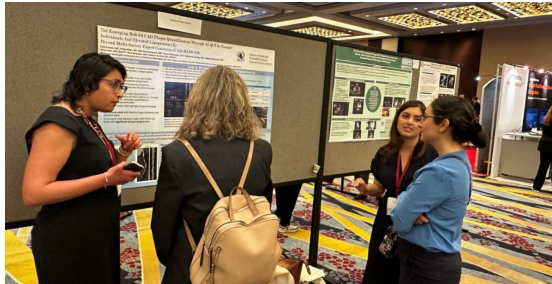
Dr. Gurusher Panjrath – Speaker - *Heart failure, cardiomyopathies, pericardial disease and guidelines*

Dr. Andrew Choi – Chair, Artificial Intelligence/Machine Learning Symposium (AI/ML); Speaker – *Addressing Care Gaps through AI/ML*; Speaker – *AI and CCT: Vision and Future for Cardiac CT*; Session Chair – *Pearls, Promise, Pitfalls and Ethics of AI/ML in CCT Practice*; Judge – CT Jeopardy; Annual Scientific Meeting Planning Committee; Best Abstract Committee



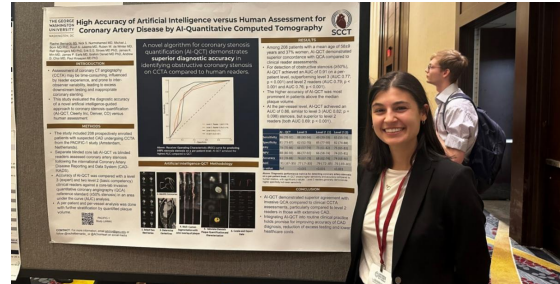
Left – GW Cardiology faculty including Drs. Bradley and Panjra, trainees, staff and alumni at SCCT 2024.

Right – Dr. Rebecca Hwa and Dr. Andrew Choi.



Left – Hufsa Khan and Kopal Bansal.

Right – Rachel Bernardo.



World Symposium on Pulmonary Hypertension

7th World Symposium on Pulmonary Hypertension Taskforce, Chair: Barcelona, Spain June 2024.

Dr. Mardi Gomberg Maitland was invited to participate as the senior chair in the closed sessions task force on clinical trial design, endpoints and emerging therapies for PAH. She was 1 of 15 senior leaders of 124 total international task force members, with over 3000 participants. She spoke on various topics including “Historical perspective” and “Trials need to diversify: The goal is inclusion and understanding of our differences” in Barcelona, Spain.

International Society of Heart and Lung Transplantation

Dr. Mardi Gomberg Maitland was elected Treasurer of this prestigious professional society

Community Service

Dr. Allen Solomon (Program Director of Cardiology Fellowship) and general cardiology fellows Dr. Max Egers and Dr. Fotis Gkargoulas participated in high school sports physicals. This is a recurring effort from Dr. Solomon towards the screening and safety of high school athletes.

Publications

Denise Lewis, RN, BSN our pulmonary hypertension nurse program coordinator and Dr. Gomberg published an article in CHEST, a case-based approach in their 'how to' series on using sotatercept in PAH.

Preston IR, Lewis D, **Gomberg-Maitland M**. How we do it: Using sotatercept in the care of patients with pulmonary arterial hypertension. Chest. 2024 Jul 12:S0012-3692(24)04611-7.doi: 10.1016/j.chest.2024.06.3801. Online ahead of print. PMID: 39004216

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