



CONNECTIONS

SERVING SCIENTIFIC COUNCILS 2024 Volume 1



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7 A Watershed Moment for Tobacco Prevention

Highly Anticipated Late-Breaking Science Presented at Scientific Sessions 2023

Obesity—Novel Therapeutics and Implications for Population Health

During an audience-packed Opening Session researchers revealed the results of the SELECT (Semaglutide and Cardiovascular Outcomes in Patients With Overweight or Obesity Who Do Not Have Diabetes) trial. Semaglutide, a long-acting agonist of the glucagon-like peptide-1 receptor, significantly reduced cardiovascular events in people with overweight or obese with pre-existing cardiovascular disease without diabetes. These impactful trial results were discussed within the larger context of obesity and population health and how to achieve equity and feasibility.

Hot Topics in Management of Coronary Artery Disease/Acute Coronary Syndrome

Investigators revealed surprising findings in three trials on novel approaches to reduce CVD risk. They found:

- Liberal blood transfusion strategy may improve clinical outcomes in patients with acute myocardial infarction and anemia.

- Dapagliflozin shows clinical benefit in patients with acute myocardial infarction without diabetes or chronic heart failure.
- Percutaneous coronary intervention may provide angina relief in patients with single and multivessel disease without antianginal medication.

Heart Failure—VADS, Kids, and Money

During this session investigators revealed the following:

- Removing aspirin from LVAD medical regimen reduces bleeding events and costs, without increasing risk of thromboembolic events.
- TEAMMATE shows everolimus is safe in children, young adults following heart transplant.
- Heart failure medication cost information affects treatment discussions and costs.

Using Drugs, Diet and Delivery to Optimize Hypertension Outcomes

These studies focused on dietary sodium reduction, postpartum blood pressure,

an investigational RNA interference therapeutic agent and BP control and dementia risk.

Results from these trials found:

- Reducing dietary sodium lowers systolic blood pressure for patients with and without hypertension.
- Improved postpartum blood pressure control has long-term blood pressure and cardiac benefits.
- Zilebesiran, an investigational RNA interference therapeutic agent, reduced blood pressure >15 mmHg.
- Blood pressure control could be linked to decreased dementia risk.

Shocking Decisions in AFib Care

Trials' results highlight the risks and benefits of oral anticoagulation, the superiority of dual direct cardioversion in patients with obesity and the potential for a novel factor XI inhibitor to reduce bleeding in patients with high risk of stroke.

Investigators in these four trials found:

- Patients with subclinical AFib may benefit from oral anticoagulation.

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International Stroke Conference



American Stroke Association.
A division of the American Heart Association.

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Cheers to 100 Years



Cheryl Anderson
PhD, MPH, FAHA

As I write this column, I am reflecting on how grateful I am to work alongside you all to advance the mission of the American Heart Association. And I eagerly anticipate seeing you this year in our celebrations of the AHA's 100th anniversary.

In 2024, as always, the COC will work to ensure that every AHA member sees the tangible values of their membership. The COC will focus on themes that are relevant to the work of all 16 councils. Our core priorities include improving council operations and effectiveness to optimize members' experience and engagement, championing health equity and justice and modernizing science subcommittees. Please share ideas with your Council Chairs because your input is pivotal to shaping how our science volunteer community can advance cardiovascular health research and care.

We want to modernize science subcommittees to enhance relevance, collaboration, innovation, operations, and effectiveness. This gives us the opportunity to establish new committees to address novel and emerging clinical and public health issues and, where warranted, discontinue committees that have accomplished their charge.



To foster health equity and justice, we are dedicated to enlisting new, diverse members who can

experience the value of AHA membership to their research and career development. Together, we can work to eliminate disparities in cardiovascular health outcomes.

As we celebrate our centenary, your engagement is the heartbeat of our ambitious goal of doubling council membership. I encourage you to reach out to colleagues and peers and share examples of how the AHA has been a vital catalyst in your research and career development. Extend a hand, share your "why" and other memorable AHA stories, and invite others to help us advance health and hope for everyone, everywhere.

Thank you again for your unwavering dedication. Let's propel the AHA into a second century of science, practice and advocacy illuminated by innovation, fueled by inclusivity and defined by advances in cardiovascular health.

It is a privilege to serve as your COC Chair. ●

(Highly Anticipated continued from page 1)

- Oral anticoagulation increased the risk of bleeding in patients with atrial high-rate episodes.
- Dual direct cardioversion restored sinus rhythm in more patients with obesity and AFib.
- Novel factor XI/Xa inhibitor holds promise as a next-generation anticoagulant.

Future of Lipid Lowering Therapy—Novel Mechanisms and Approaches

Editing the PCSK9 gene, first-in-human trial of lepodisiran, new PCSK9 antibody and statins performance in people with HIV highlight the scope of science in this session.

- First clinical trial to edit PCSK9 gene cuts LDL-C over 50%.
- First-in-human trial of lepodisiran cuts circulating lipoprotein(a) over 90%.

- New PCSK9 antibody offers infrequent dosing for non-familial hypercholesterolemia
- Statins reduce noncalcified coronary artery plaque, inflammatory markers, MACE in people with HIV.

From Local to Global: Achieving Equity in Prevention

Health care worker-led trial improves hypertension control, automated pharmacy referral for statin prescribing, SBP levels improving CVD outcomes and reducing hypertension in low-income population.

Investigators identified:

- Health care worker-led trial improves hypertension control in Nigeria.
- Automated pharmacy referral doubles statin prescribing.
- Systolic BP <120 mmHg improves cardiovascular outcomes, mortality.
- Multifaceted strategy effectively

reduces hypertension in low-income population.

Artificial Intelligence (AI) at the Bedside

Presentations encompassed the AI-powered stethoscope, speech analysis for heart failure (HF), interpreting ECGs with AI and prognostic tool for predicting major adverse cardiac events (MACE).

- AI-powered stethoscope doubles detection of peripartum cardiomyopathy.
- Speech analysis beats usual HF predictive model.
- AI interpretation of ECG speeds time to treatment.
- ORFAN: Novel prognostic tool improves MACE prediction, preventative treatment, by 40% versus conventional predictive models. ●

American Heart Association and Department of Health–Abu Dhabi Work Together to Enhance Heart and Stroke Health Care Service in the Middle East

In November, the American Heart Association and the Department of Health–Abu Dhabi in the United Arab Emirates announced the joint efforts of both organizations to establish a system of care approach, to integrate and enhance access for heart attack and stroke patients for critical, time-sensitive health care in Abu Dhabi and across the region.

The collaboration will focus on six components: stakeholder coordination, education, public awareness, sustainability, rehabilitation task force, and evaluations. These components will be delivered through a certification programme that will build on existing infrastructure, including the expertise of the Abu Dhabi Stroke and STEMI Task Forces and the Association, with its regional and international expert resources. Additionally, stroke and cardiac certifications will assist hospitals in improving patient care, differentiating themselves from competitors, and attracting top talent.

“The American Heart Association and American Stroke Association work with cardiovascular and neurology societies around the world to advance healthcare quality and improve access to care through a system of care approach,” said DP Suresh, MD, American Heart Association volunteer and executive medical director of the Florence Wormald Heart and Vascular Institute at St. Elizabeth–Cincinnati, Ohio. “This collaboration, especially, is very important because healthcare quality is patient care quality. Our organizations believe that hospitals and patients will benefit from a coordinated certification program that provides enhanced value.”

The agreement will see both entities developing and implementing an awareness campaign on stroke and heart attack symptoms and the importance of calling emergency services. This collaboration aims to establish improvements and systems that can be sustained by

the Department of Health and its stakeholders, leveraging the Association's certification and quality improvement programs as resources for all participating hospitals and EMS agencies.

“As a main purpose of the Department of Health, in keeping the population of Abu Dhabi healthy, physically and mentally, and also positioning Abu Dhabi as a regional leader in emergency care excellence, we're very pleased today to sign an MOU with the American Heart Association as the first international government to sign such an MOU outside the USA,” said Saleh Al Ali, MD, executive director of the Centre of Emergency Preparedness and Response (CEPAR) at the Department of Health–Abu Dhabi (DoH). “When it comes to stroke care and heart attacks–this work allows us to work to ensure that the whole system aligns together from the prevention all the way to the prehospital and hospital care.” ●





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Registration Opens
June 2024



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Benefit Booster: Education at the Heart of Health Care

As the premier provider of quality science, the American Heart Association knows healthcare moves at the speed of life. That's why we have resources expertly curated for experts in care. We are proud to be a resource you can trust with AHA Professional Education Hub, a science-based, online professional education hub.

We are pleased to announce our transition to AHA Professional Education Hub™ for all your continuing education needs. This shift represents the AHA's move to a more centralized platform for all healthcare professionals across a variety of specialties. This new

platform features free content, paid subscriptions, and premium content in the portfolios listed below.

As an AHA Professional Member, one of your benefits is access to subscription content on the AHA Professional Education Hub™. Premium Members will receive an additional 20% off on premium content.



Telehealth

Premium eLearning courses and certificate programs designed to prepare healthcare professionals to treat patients remotely and provide best practices for telemedicine.



Stroke

Comprehensive Stroke curriculum designed to help healthcare professionals learn the latest science to improve care and outcomes for patients with stroke.



Health Equity

Training that prepares healthcare professionals to identify health disparities and integrate solutions that build health equity into clinical practice. ●



American Heart Association.

RESEARCH

Research funding is available to you!

As a member, AHA offers exclusive access to apply for research funding.

This is available to all academic and health professionals. You can make a difference in creating a world of longer, healthier lives.

View the Full List of Funding Opportunities



A Watershed Moment for Tobacco Prevention



tobacco companies. This research will reveal how the industry leverages retail contracts to propagate tobacco sales in disadvantaged, vulnerable and marginalized communities.

AHA's focus on equity and advocacy for strong tobacco policies helped create an environment in which the FDA could pursue bold action to prohibit menthol. While we are optimistic that FDA will take bold regulatory action, we are also prepared for tobacco company efforts to delay implementation of FDA's menthol rules. We remain confident that strong public health policy will ultimately prevail. ●

We've reached a critical period in tobacco prevention. Following years of sustained AHA advocacy efforts to ban flavored tobacco products, the Food and Drug Administration has developed rules that would remove menthol-flavored cigarettes and flavored cigars from the marketplace.

After decades of aggressive tobacco company marketing, 90 percent of Black smokers use menthol cigarettes. Removing menthol will have a tremendous equity impact and save the lives of 250,000 members of the Black community over the next 40 years.

Always looking to undermine public health, the industry is pressuring the Biden Administration to delay issuing the rules that end the sale of menthol cigarettes. To call out industry actions that place preserving profits over public health and protecting youth, those who are Black, LGBTQI+, low-income or experience mental health challenges, AHA released a bold new video "**I Already Know**" featuring spoken word artist Ryon Everidge.

AHA is further documenting tobacco industry targeting of vulnerable communities by analyzing data from 220,000 retailers across the US that have promotional contracts with

COUNCIL AWARDS & GRANTS

Learn about the variety of council-sponsored awards and travel grants available to our members. [Learn more.](#)

Fellow of the American Heart Association (FAHA)

Fall 2024 Cycle Opens – February 2024

Fall 2024 Submission Deadline - July 10, 2024

<https://professional.heart.org/en/partners/fellow-of-aha>

ISC 2024: The Ever Evolving Science of Stroke



Tudor Jovin
MD, FAHA
Chair, International
Stroke Conference
2024 Program
Committee

Dear Colleagues:
This is an unprecedented time in the field of cerebrovascular disease and brain health; the stroke landscape is evolving at an ever-increasing rate. Learn about all the latest exciting

advances in cerebrovascular science and receive the most up to date stroke and brain health education by being a part of the **International Stroke Conference (ISC)**—uniting the world in stroke science. The 2024 conference will take place February 7–9, both virtually and in-person in dynamic Phoenix, Arizona. On behalf of the American Stroke Association, a division of the American Heart Association, and the Stroke Council Program Committee, we warmly welcome you to join us. The **program** emphasizes basic, clinical and translational sciences as they evolve toward a more complete understanding of stroke pathophysiology with the overall goal of developing more effective prevention and treatment. Stroke systems of care, the newest clinical trials, quality and outcomes are also key parts of the conference.

The International Stroke Conference is the world's premier meeting dedicated to the science and treatment of cerebrovascular disease. It provides unique opportunities to meet and network with colleagues from around the world with wide-ranging research interests and expertise in stroke prevention, diagnosis, treatment, and rehabilitation. We are truly dedicated to the international nature of this conference with science, attendees, presenters, and faculty coming from all corners of the world and a myriad of exhibitors displaying engaging new stroke products and services. We are planning many new forums to bring you the best science, clinical information, educational, and networking opportunities both virtually and in-person. From forming multiple, life-long collaborations with the best minds in the profession to hearing cutting-edge late-breaking trial results to the exceptional

education and science, if you are involved in the stroke medical profession, ISC is an essential meeting.

The 2024 program offers four separate pre-conference symposia: the **State-of-the-Science Stroke Nursing Symposium**; **Stroke in the Real World**, highlighting stroke in select populations: women (including transwomen), individuals with cancer, and the young; **Stroke in the Lab World**, focusing on preclinical trial methodology; and **HEADS-UP: Health Equity and Actionable Disparities in Stroke: Understanding and Problem-solving**. The main conference will include sensational late-breaking science randomized clinical trial results; compelling invited symposia; rousing debates; case study sessions; lively game-style sessions; provocative oral scientific abstract presentations; intriguing scientific abstract posters; and special lectures on recent advances and state-of-the-science technologies. This premier conference is intended for adult and pediatric neurologists; neurosurgeons; neuroradiologists and interventional radiologists; psychiatrists; endovascular specialists; emergency medicine specialists; primary care physicians; hospitalists; nurses and nurse practitioners; advanced practice providers and therapists; rehabilitation specialists; physical, occupational, and speech therapists; pharmacists; and all levels of trainees. Additionally, the ISC is just as much of a home for basic scientists, clinical scientists, stroke program coordinators, policy makers and public health officials who work in the stroke field.

Stimulating symposia, debates and abstract presentations will focus on numerous topics from 16 stroke-related categories. There is something for everyone including many exceptional late-breaking science results:

- The EMBOLISE Study: Embolization of the Middle Meningeal Artery With Onyx™ Liquid Embolic System in the Treatment of Subacute and Chronic Subdural Hematoma results
- Randomization of Endovascular Treatment with Stent-retriever and/or Thromboaspiration vs. Best Medical Therapy in Acute Ischemic Stroke due to Large Vessel Occlusion Trial in the Extended Time Window (RESILIENT-Extend) results

- Zero Degree Head Positioning in Acute Large Vessel Ischemic Stroke (ZODIAC) results
- The MAGIC-MT Trial: Managing Non-Acute Subdural Hematoma Using Liquid Materials: A Chinese Randomized Trial of Middle Meningeal Artery Treatment results
- STEM (The Squid Trial for the Embolization of the MMA for the treatment of CSDH) results
- Effect of an Artificial Intelligence-Based Clinical Decision Support System on Stroke Care Quality and Outcomes in Patients With Acute Ischemic Stroke (Golden Bridge II): A Cluster-Randomized Clinical Trial results
- Rescue on Reperfusion Damage in Cerebral Infarction by Nelonemdaz: A Phase III Trial results
- ARIA: Vascular Manifestations of Amyloid Immunotherapy
- A Fireside Chat(GPT) on the Possibilities and Perils of Introducing Machine Learning and Artificial Intelligence into Stroke Care (a Stroke Journal Session)
- Tracking Pre-hospital Care to Improve Stroke Outcomes: The Development of EMS Quality Metrics and New Devices
- Artificial Intelligence and Big Data in Stroke Care: From Hype to Reality
- Grey Areas: Decision Making in Difficult Cases (Debate)
- Cryptogenic Stroke in 2024: Room for Debate
- Should Unruptured Small Aneurysms Be Treated? (Debate)
- Grey Areas: Decision Making in Difficult Cases (Debate)
- StrokeNet Thrombectomy Endovascular Platform Trial: Know the Latest (an AHA/ASA and US Governmental Agencies Joint Symposium)
- Case Recordings in Live Conditions: Best Management Practices
- Neurocardiology: A Contemporary and Crosscutting Conversation on Managing the Brain-Heart Axis (a JAHA Journal Session)

Additional programming information may be found online.

In addition to unparalleled education, you will have the opportunity to connect with thousands of cerebrovascular research and practice experts from around the globe. Who knows what partnerships could result from these informal chats;

perhaps we will see the science these collaborations result in at one of our future International Stroke Conferences.

There is still time to register at strokeconference.org. Please join us for the incomparable International Stroke

Conference 2024, either as part of the online virtual meeting or in-person in beautiful Phoenix, Arizona; be a part of this outstanding and illuminating experience. We look forward to seeing you in February. *ISC 2024—A New Era for Stroke Science and Brain Health.*

Mark Your Calendars for these crucial ISC 2025, Nursing Symposium 2025, and HEADS-UP 2025 Call for Science Dates

Session Ideas

[Suggested Session Submitter Opens](#)
Monday, February 5, 2024

[Suggested Session Submitter Closes](#)
Monday, March 11, 2024

Abstracts

[Submission Opens](#)
Wednesday, May 29, 2024

[Submission Closes](#)
Tuesday, August 20, 2024

Late-Breaking Science and Ongoing Clinical Trials Abstracts

[Submission Opens](#)
Wednesday, October 2, 2024

[Submission Closes](#)
Wednesday, October 30, 2024

The link to submit abstracts and/or session ideas can be found at strokeconference.org on the applicable date listed. And don't forget to submit your abstract for award consideration if eligible.

Start planning now for the International Stroke Conference 2025, February 5–7 in Los Angeles, California!



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Cardiovascular-Kidney-Metabolic Health Redefines Risk at Scientific Sessions

The American Heart Association unveiled its new PREVENT™ (Predicting Risk of cardiovascular disease EVENTS) risk calculator at Scientific Sessions 2023.

The calculator, whose development was led by Sadiya Khan, MD, MSc, estimates heart attack, stroke and heart failure risk, and helps incorporate cardiovascular-kidney-metabolic or CKM syndrome into CVD prevention.

CKM syndrome was first defined in an October 2023 presidential advisory and scientific statement, chaired by Chiadi E. Ndumele, MD, PhD, MHS, FAHA. The syndrome refers to the strong connections among cardiovascular disease, kidney disease and metabolic disease (Type 2 diabetes and obesity). The advisory describes the urgency of CKM syndrome, which disproportionately

affects disenfranchised populations, suggests consensus on defining and staging the syndrome, offers suggestions for screening, and provides approaches and algorithms for each stage. The accompanying statement summarizes evidence related to the science, screening, prevention, and management of CKM syndrome.

At Scientific Sessions, a multi-disciplinary group of speakers and panelists discussed the underlying pathophysiology, optimal pharmacotherapeutic strategies, approaches for inter-disciplinary preventative care and management, considerations for prediction beyond the outcome of ASCVD, and implications for health equity. Cardiovascular-Kidney-Metabolic Health Science Advisory Group Co-Chairs Chiadi E. Ndumele, MD, PhD, MHS, FAHA, Janani Rangaswami, MD

FAHA and Sheryl L. Chow, PharmD, FAHA moderated the session alongside Brandon Neuen, PhD, MBBS, MSc. Presenters included Sadiya Khan, MD, MSc, Julie Lovshin, MD, PhD, Faiez Zannad, MD, PhD, Mikhail N Kosiborod, MD, and Tiffany M. Powell-Wiley, MD, MPH, FAHA.

Relevant links:

[Leading cardiologists reveal new heart disease risk calculator | American Heart Association](#)

[Novel Prediction Equations for Absolute Risk Assessment of Total Cardiovascular Disease Incorporating Cardiovascular-Kidney-Metabolic | Professional Heart Daily | American Heart Association](#)

[Heart disease risk, prevention and management redefined | American Heart Association](#)

Modern Health Care Virtual Briefing | Looking Ahead to 2024

American Heart Association staff and volunteers were featured in a session of **Modern Health Care's December 6 virtual briefing**, themed Looking Ahead to 2024. Using the framework of cardiovascular-kidney-metabolic health and the new **PREVENT cardiovascular risk calculator**, the AHA presented a foundation for moving into AHA's second century with an interdisciplinary approach and race-free tool to support cardiovascular care more equitably and holistically.

Participants in the AHA Session *Health Equity in Cardiovascular Care: The Role*

of Race in Risk Prediction, Treatment and Outcomes include:

Mitchell Elkind, MD, MS, FAHA

Chief Clinical Science Officer, American Heart Association

Professor of Neurology and Epidemiology, Columbia University, New York

Gerald E Johnson II

Executive Vice President of Health Equity

Chief Diversity Officer

American Heart Association

Sadiya S Khan, MD, MSc, FAHA

Magerstadt Professor of Cardiovascular Epidemiology Associate Professor of Medicine (Cardiology) and Preventive Medicine (Epidemiology)

Northwestern University's Feinberg School of Medicine

Chiadi E. Ndumele, MD, PhD, MHS, FAHA

Associate Professor of Medicine Director of Obesity and Cardiometabolic Research

Division of Cardiology

Johns Hopkins University, Baltimore

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Upcoming AHA Research Funding Deadlines

Below are the open AHA research programs. Please see each program's web page for specifics. Eligibility and requirements that apply to all AHA research awards are on the [AHA Application Resources](#) page. All research funding information can be found at professional.heart.org/FundingOpportunities.

Updates for New Research Proposals—Supporting Rheumatic Heart Disease Research

The AHA is helping to support a broader approach to research funding focused on Rheumatic Heart Disease. To that effect, the AHA is committing to funding research in this specific area across all scientific disciplines (basic, clinical, and population) within any current AHA programs. No additional pre-proposal or proposal materials are necessary outside of individual AHA program criteria; awardees will be designated from the existing applicant pool within each program.

[AHA's Visiting International Professorship Award](#)

Proposal deadline: Wednesday, February 7, 2024

The American Heart Association recognizes the need to continue broadening research experiences for many scientists, including those beyond U.S. borders. This is particularly important in light of the growing recognition that many critical medical conditions can be best solved using a global research approach. Therefore, the AHA is piloting a novel program to bring internationally based scientists to the U.S. for scientific exchange.

The AHA's Visiting International Professorship Award goal is to expand research experiences and collaborative opportunities for both the awarded Visiting Professor and their U.S.-based host in research topics that align with the AHA's mission. Proposals from all non-US institutions will be considered, and proposals for investigators in **low- or middle-income countries** are particularly encouraged. ProposalCentral will open at least eight weeks prior to the deadline.

[AHA's Second Century Clinical Fellow Research Education Program](#)

DEADLINE EXTENDED: Thursday, February 8, 2024

Provides funding for cardiology and select neurology fellows in accredited fellowship programs to attend an AHA scientific meeting (Scientific Sessions or the International Stroke Conference, respectively) and gain other training and experience integral to development of research acumen.

[Transformational Project Award](#)

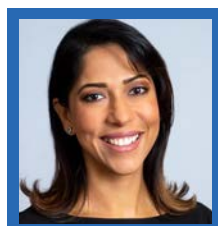
Proposal deadline is Thursday, February 15, 2024

Supports highly innovative, high-impact projects that build on work in progress that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and/or cerebrovascular research. Research deemed innovative may be built around an emerging paradigm, approaching an existing problem from a new perspective, or exhibit other uniquely creative qualities. ●

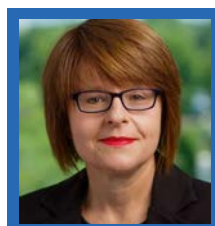
Scholars Selected for Research Leadership Program to Increase Diversity in Clinical Trials

The American Heart Association, with support from the Bristol Myers Squibb Foundation, has selected two early-career scientists for the inaugural Robert A. Winn Clinical Investigator Leadership Award in Cardiovascular Research. Sponsored by the Bristol Myers Squibb Foundation, the award offers three years of career and leadership development designed to encourage diversity in cardiovascular clinical research. The program is exclusive to graduates of the Robert A. Winn Diversity in Clinical Trials Career Development Award program. The goal is to prepare them to succeed as independent clinical researchers, team members and leaders as they conduct successful diverse clinical trials in the future.

Recipients of the award are Kanwal M. Farooqi, MD, an associate professor of pediatrics at Columbia University Irving Medical Center in New York City



Kanwal M. Farooqi
MD



Michelle Ogunwole
MD, PhD

and Michelle Ogunwole, MD, PhD, an assistant professor of medicine at Johns Hopkins University School of Medicine in Baltimore. These physician scientists are in the early stages of their careers and both have a focus and passion for increasing diversity in clinical trials.

Dr. Farooqi's research interest is in identifying and treating congenital heart disease (CHD), particularly among young people from

underrepresented populations. Her current research focuses on how 3-D printed cardiac modeling can be used to help improve understanding about CHDs and provide a hands-on guide to help both doctors and patients in preparing for and making treatment decisions

Dr. Ogunwole's research focuses on developing and testing postpartum interventions that provide systems change to support healthy lifestyles for Black women with metabolically complicated pregnancies. She is conducting a study exploring structural racism's role in the food environment of Black postpartum women, using geospatial analysis to determine connections between food systems that produce and reinforce inequities and obesity-related pregnancy complications such as gestational diabetes

(continued on page 13)

Researchers at Heart Kickoff Reception was a Hit

More than 200 AHA research awardees, past and present, gathered at Scientific Sessions 2023 to kick off **Researchers at Heart: The Network of AHA/ASA Awardees**. Navigate to your personal alumni website to view photos from the event and more. Don't forget to join the Researchers at Heart [LinkedIn](#) group. ●



More than 200 AHA research awardees, past and present, gathered at Scientific Sessions 2023 to kick off **Researchers at Heart: The Network of AHA/ASA Awardees**. (Photo continued on page 13.)

**CATCH UP WITH
CONNECTIONS**

To view previous issues or just
Scientific Council sections, log in [here](#).

(continued from page 11)

As part of the training, each awardee will be mentored by an expert clinical trialist who is committed to inclusion of diverse participation in clinical trials. This placement will ensure that awardees will develop the skills not only to conduct high-impact clinical trials, but also to effectively engage with communities to foster

active community participation in clinical research.

The participants will engage in a number of research and learning activities through the American Heart Association. They will serve on peer review groups and scientific council committees, attend and present at scientific meetings and have exceptional opportunities to learn from

and network with leading researchers from around the world. To facilitate the next generation of well-rounded trialists, awardees will be asked to share their experiences and expertise with participants of Association's early career programs, such as the Historically Black Colleges and Universities (HBCU) and Hispanic Serving Institutions (HSI) Scholar's Program. ●



More than 200 AHA research awardees, past and present, gathered at Scientific Sessions 2023 to kick off **Researchers at Heart: The Network of AHA/ASA Awardees**. (Photo continued from page 12.)

The **AHA Mentoring Program** provides a unique opportunity for young members to connect with and benefit from the experience and knowledge of our most passionate members. Whether you choose to become a mentor or a mentee, you will be involved in goal-setting and creation of an action plan to reach those goals. [Learn more.](#)

Paul Dudley White International Scholar Award

Top Abstracts From Around the World at 2023 Scientific Meetings

The Paul Dudley White International Scholar Award (PDW) is given to the authors with the highest ranked scientific abstract from each country accepted for presentation at an AHA scientific meeting.

The award is named for Paul Dudley White, one of the founders of the American Heart Association who was also a champion for global cardiovascular health strategies. The work of these teams reflects Dr. White's vision for global excellence in cardiovascular science and medicine.

Basic Cardiovascular Science Scientific Sessions 2023

Australia

Mark Pocock, Rebecca Fitzsimmons, Mary Lor, Simon Foster, Michael R. Doran, Richard J. Mills, James E. Hudson

Belgium

Kasper Favere, Manon Van Hecke, Sander Eens, Matthias Bosman, Peter L. Delputte, Johan De Sutter, Erik Fransen, Tania Roskams, Pieter-Jan Guns, Hein Heidbuchel

Brazil

Debora S. Faffe, Diego Costa-dos-Santos, Bianca C. A. Cabral, Thayane Bottaro, Rosane Silva, Turan P. Urmenyi

Canada

Yena Oh, Rimshah Abid, Saif Dababneh, David Cook, Jin Park, Barbara Vanderhyden, Nikhil Munshi, Kyoung-Han Kim

China

Shiyu Gong, Ming Zhai, Jiayun Shi, Guanye Yu, Zhijun Lei, Wenhui Peng

Denmark

Spyridoula Kazantzi, Lars Edvinsson, Kristian A. Haanes

Egypt

Sara Elshorbagy, Ayman M. Ibrahim, Fiesal Mohamed, Jerome Fourre, Barrett Downing, Manar Osman, Hasnaa A. Elfawy, Mariam Fathy, Mona Allouba, Yasmine Aguib, Cesare M. Terracciano, Magdi Yacoub

Finland

Minna Ampuja, Sabina Selenius, Ilkka Paatero, Iftekhar Chowdhury, Jenna Villman, Martin Broberg, Amanda Ranta, Tiina Ojala, Markku Varjosalo, Riikka Kivelä, Emmi Helle

France

Rouault Paul, Sarah Guimbal, Lauriane Cornuault, Ninon Foussard, Célia Bourguignon, Virginie Grouthier, Frank Choveau, David Benoist, Alain-

Pierre Gadeau, Thierry Couffinal, Marie-Ange Renault

Germany

Felix A. Trogisch, Aya Abouissa, Merve Keles, Anne Birke, Manuela Fuhrmann, Gesine M. Dittrich, Julio Cordero, Adel El Sherbiny, Abel Martin Garrido, Steve Grein, Luka Nicin, Sophia-Iris Bibli, Rannar Airik, Andreas Kispert, Ralf Kist, Sun Quanchao, Sina W. Kürschner, Manuel Winkler, Norbert Gretz, Carolin Mogler, Thomas Korff, Philipp-Sebastian Koch, Stefanie Dimmeler, Gergana Dobрева, Joerg Heineke

Hong Kong

Huiling Hong, Yalan Wu, **Xiao-Yu Tian**

India

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Anne Marie Reimer Jensen, James Ross, Victoria Lamberson, Michael E. Hall, Kunihiro Matsushita, Brandon Lennep, Pamela L. Lutsey, Tor Biering-Soerensen, Amil M. Shah

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Saifullah Soliman, Ayman Maher Maher Ibrahim, Kerolos Wagdy, Peter Selwanos, Hadir Khedr, Saber Mostafa, Ajay M. Shah, Magdi Yacoub, Yasmine Aguib

Finland

Heli Julkunen, Jeffrey Barrett, Sara Lundgren, Kirsten Schut, Sini Kerminen, **Peter Wurtz**

Finland

Andrew O. Agbaje

France

Philippe G. Steg, Michael Szarek, J. W. Jukema, Deepak L. Bhatt, Vera A. Bittner, Rafael Diaz, Sergio Fazio, Genevieve Garon, Shaun G. Goodman, Robert A. Harrington, Harvey D. White, Andreas M. Zeiher, ODYSSEY OUTCOMES Investigators

Germany

Nils Kremer, Manuel J. Richter, Athiththan Yogeswaran, Zvonimir Rako, Enrico Maggio, Werner Seeger, Khodr Tello

Greece

Anastasios Kartas, Andreas Papazoglou, Dimitrios Moysidis, Stefanos Despotopoulos, Diamantis Kosmidis, Amalia Baroutidou, Athanasios Koutsakis, Sotiria Liori, Sotiria Apostolopoulou, Alexandra Frogoudaki, Afrodite Tzifa, Apostolos Galatas, Georgios Alexandridis, Efsthios Spyridonidis, Ioannis Doundoulakis, Efstratios Karagiannidis, Charalampos I. Karvounis, Antonios Ziakas, **George Giannakoulas**

Hungary

Adam Pal-Jakab, Bence Sipos, Kiss Boldizsar, Bettina Nagy, Gyorgy Papai, Gabor Csato, Nora Boussoussou, Gabor Lovas, Brigitta Szilagyi, Peter Sotonyi, Endre Zima

Iceland

Brynja Ingadottir, Margret H.

Svavarsdottir, Corrine Y. Jurgens, Christopher S. Lee

India

Vikash Jaiswal, Akash Jaiswal, Marina Saleeb, Mayank Jha, Ananya Arora, Shiva Gupta, Endurance Osas Evbayekha, Amira Mohamed Taha, Song Peng Ang, Kendra Janel Grubb

Indonesia

Wigaviola Socha Purnamaasri Harmadha, Farizal Rizky Muharram, Renato Simões Gaspar, Hanif Ardiansyah Sulistya, Zahras Azimuth, Fikri Febrian Firmansyah, Chaq El Chaq Zamzam Multazam, Muhammad Harits, Rendra Mahardika Putra

Islamic Republic of Iran

Ali Esparham, Saeed Shoar, **Ali Mehri**, Venkat Modukuru

Israel

Tal Caller, Alexander Fardman, Nili Naftali Shani, Jonathan Leor, Elad Maor

Italy

Lorenzo Carnevale, Marialuisa Perrotta, Francesco Mastroiacovo, Raimondo Carnevale, Jacopo Pacella, Daniela Carnevale, Giuseppe Lembo

Japan

Kenta Hirai, Hidemasa Oh

Jordan

Laith Alomari, Zaid Al-Fakhouri, Yaman Jarrar

Kazakhstan

Ahsan Ali

Republic of Korea

Jieun Lee, Eung Ju Kim

Libyan Arab Jamahiriya

Muhammed Khaled Elfaituri, Alhasan Saleh Alzubi, Ala Khaled, Ahmed BenGhatnsh, Ahmed Elfaituri, Hazem Abdelkarem Abdelkarem Faraj, Ahmed Msherghi

Malaysia

Jia Ee Chia, Song Peng Ang, Vikash Jaiswal, Tong Hong Chia

Malta

James Scicluna, Jeanesse Scerri, Jessica Debattista, Christian Scerri, Mark Adrian Sammut, **Mark Abela**

Mauritius

Kamleshun Ramphul, Rahat Ahmed Memon, Jasninder Singh Dhaliwal, Shaheen Sombans, Abhimanyu Ravalani, Petras Lohana

Mexico

Mariana Robles-Ledesma, Nitzha Andrea Najera-Rojas, Alejandro Ezuerra Osorio, Alma Paola Alonso-Bringas, Giovanna Sánchez-Leony, Rodrigo Gopar-Nieto, Jorge Daniel Sierra Lara Martinez, Alexandra Arias-Mendoza, Diego Araiza

Nepal

Bikram Prasad Gajurel, **Gaurav Nepal**, Vikash Jaiswal, Song Peng Ang, Priyanshu Nain, Endurance Osas Evbayekha, Sujan Bohara, Nishat Shama, FNU Ruchika, Jillian Reeze Medina, Sanjeev Kharel, Jayant Kumar Yadav

Netherlands

Alexander van Rosendael, Nick Nurmohamed, Ibrahim Danad, CREDENCE Study Group; PACIFIC Study Group, Paul Knaapen, James Earls

New Zealand

Peter D. Larsen, Ana S. Holley, Kathryn E. Hally, Scott A. Harding

Nigeria

Muhammed Suraj Yusuf, Gavin R. Norton, Vernice R. Peterson, Nonhlanhla Mthembu, Grace Tade, Carlos D. Libhaber, Hamza Bello, Adamu Bamaigi, Keneilwe Mmopi, Patrick H. Dessein, Ferande F. Peters, Pinhas Sareli, Angela J. Woodiwiss

Norway

Peder L. Myhre, Are Kalstad, Sjur Hansen Tveit, Kristian Laake, Dennis Nilsen, Arnljot Tveit, Svein Solheim

Pakistan

Hamza Maqsood, Fakhar Abbas, Laraib Jumani, Maryam Munir, Azouba Gulraiz, Samina Raza, Momna Wazir, Nabeeha Noor, Saad Mehmood, Hamza Saleem, FNU Neelam

Peru

Juan Manuel Munoz-Moreno, Carlos Requena Armas, Oscar Aguirre-Zurita

Philippines

Raymond Banquirigo

Poland

Remigiusz Kazmierczyk, Lukasz Malek, Stephan Nekolla, Piotr Szumowski, Piotr Blaszczyk, Bozena Sobkowicz, Janusz Mysliwiec, Karol Kaminski

Qatar

Omar Khalil, Soha Dargham, Amin Jayyousi, Jassim Al Suwaidi, Charbel Abi Khalil

Russian Federation

Marat Valeev, **Dilyara Khastieva**, Natalia Tarasova, Niiaz Khasanov

Saudi Arabia

Ahmed A. Bakillah, Sindiyah Al Shaikh Mubarak, Abeer Al Otaibi, Fatimah Al Hejji, Abdulrahman Almasaud, Haya Al Jami, Badr Al Subai, Jahangir Iqbal, Naif Khalaf Alharbi, Ali Ahmed Al Qarni

Senegal

Serigne Cheikh Tidiane Ndao Sr., Mame Madjiguène Ka Sr., Waly Niang Mboup Sr., Rabab Yassine Jr., Khadidiatou Dia Sr., Mouhamed Chérif Mboup Sr.

Singapore

Gayathri Basker, Keerthana Thangaraja, Fei Gao, Ru San Tan, Gina S. Lee, Charmaine Cheng, See Hooi Ewe, Loon Yee Teo, Angela S. Koh

Slovakia

Allan Bohm, Nikola Jajcay, Michael Spartalis, Ekaterina Gubareva, Jana Jankova, Amitai Segev, Konstantin Krychtiuk, Guido Tavazzi, Krishnaraj Rathod, Kevin Maurizi, Milana Jarakovic, Federico Guerra, Shlomi Matetzky, Carsten Skurk, Tharusan Thevathasan, Kurt Huber Jr., Patricia Dragunova, Jana Brucknerova, Marta Kollarova, Imrich Berta, Katarina Petrikova, Branislav Bezak

Slovenia

Sabina Frljak, Neza Zorz, Gregor Poglajen, Bojan Vrtovec

South Africa

Frederick Johan Raal, Vimal Mehta, Meral Kayikcioglu Sr., Dirk Jacobus Blom, Preeti Gupta, Ronen Durst, Emil A. Asprusten, Traci Turner, El Mustapha Bahassi, Jeffrey Vest, Kate Caldwell, David Kallend, Evan A. Stein

Spain

Domingo Pascual Figal, Adrián Gallego Navarro, Javier E. Blanco Pacheco, Maria Martinez-Tovar, Álvaro Hernández Vicente, Manuel Martínez Selle, Eduard Solé González, Pedro Luis Sánchez Fernández, Pablo García Pavia, Alfonso Varela Román, Juan Fco. Delgado Jiménez, Alejandro Riquelme Perez, José A. Noguera Velasco, Jordi Ordóñez Llanos, Antoni Bayés Genís

Sweden

Anna Stromberg, Leonie Klompstra, Joanna-Maria Papageorgiou, Towe

Hedbom, Marie Lundberg, Lotti Orwelius, Ingela Thylen, Tiny Jaarsma

Switzerland

Benoit Pugin, Florentin Constancias, Aurélien Thomas, Sylvain LeGludic, Meret S. Allemann, Pratintip Lee, Cristina Menni, Francesco Paneni, Frank Ruschitzka, Juerg H. Beer, **Seyed Soheil Saeedi Saravi**

Taiwan

Chih-Feng Lien, Chin Lin, Chin-Sheng Lin

Thailand

Thanakit Suebsaicharoen, Wiphut Dejprasert, Pawin Numthavaj, Amarit Tansawet, Thinnakrit Sasiprapha, Ammarin Thakkinstian

United Arab Emirates

Fabrizio Clementi, **Musab Taha Ahmed Egaimi**, Pierfrancesco Corvo, Heeyoung Seo, Alghafek Almorraweh, Wonsuk Choi, Kamil Vallabh, Lateefa Aidam, Sumera Haque, Abdulmajeed Al Zubaidi

United Kingdom

Sean L. Zheng, Albert Henry, James Simon Ware, Tom Lumbers, HERMES Consortium

United States

Anurag Jamaiyar, Jingshu Chen, Winona Wu, Carmel Assa, Henry Cheng, Daniel Perez-Cremades, Mark W. Feinberg

Bolivarian Republic of Venezuela

Alfonso Martinez de Majo, Christian Guilliod, Victoria Lam, Diana De Oliveira Gomes

Vietnam

Loc Vu, Dung Ho, Vu Hoang Vu, Duc Chinh Duc Nguyen, Duc Minh Tran, Anh Do Le, Hien Quang Nguyen, Trang Le, Minh Quang Mai, Thach N. Nguyen

Vascular Discovery: From Genes to Medicine Scientific Sessions 2023

Australia

Sanuri Liyanage, Anna Williamson, Thalia Salagaras, Mohammadhossein Hassanshahi, Aaron Long, Dang Tran, Sylvia Kulesza, Khalia Primer, Andrew Murphy, Sanuja Fernando, Joanne Tan, Claudine Bonder, Christina Bursill, Shiwani Sharma, Peter Psaltis

Belgium

Kimberly Martinod, Severien Meyers, Marilena Crescente, Stijn Van Bruggen,

Mathias Stroobants, Patrick M Siegel, Katharina Glatz, Thilo Witsch

Canada

Adil Rasheed, Taylor Dennison, Sabrina Robichaud, Hailey Wyatt, My-Anh Nguyen, Michele Geoffrin, Yacine Marouf, Adir Baxi, Richard Lee, Hilal Kazan, Coen van Solingen, Mireille I. Ouimet, Katey J. Rayner

China

Fengshi Li, Zhihua Rong, Changwei Liu

Dominican Republic

Licurgo J. Cruz Sr., Anthony Gutierrez, Ka Wu, Helio Grullon, Yanelly Lopez

France

Angèle Frisdal, Serban Morosan, Christelle Enond, Stéphane Sylvain Marot, Anne-Geneviève Marcelin, Stéphane Hatem, **Sophie Nadaud**

Germany

Maximillian Sausen, Robert Mertens, Luis Quintana, Marcia Rueckbeil, Paul Idel, Nadim Tabaza, Naresh Ganesh, Susanne Just, Maria Arrivas, Julia Moellmann, Jens Spießhoefer, Moritz B. Biener, Evangelos Giannitsis, Hugo Katus, Daniel J. Drucker, Nikolaus Marx, Michael Lehrke, **Florian Kahles**

Hong Kong

Xiao-Yu Tian, Xiaoyun Cao, Wing T. Wong

India

Praveen Machiraju, Arkasubhra Ghosh

Ireland

Sherif Sultan, Yogesh Acharya, Niamh Hynes

Italy

Giulia Furini, Alessandro De Carli, Rossella Fonesu, Pietro Giorgio Spezia, Mauro Pistello, Michele Lai, **Vincenzo Lionetti**

Japan

Nobuyuki Masaki, Yuki Ishinoda, Takeshi Adachi

Republic of Korea

Hye Rin Choi, Yoosoo Chang, Ria Kwon, Ga-young Lim, Eunhyo Park, Seungho Ryu

Netherlands

Arnout Mieremet, Mitzi van Anandel, Yousef Morcos, Gerhard Sengle, Dieter Reinhardt, Barbara Mulder, Aeilko Zwinderman, Maarten Groenink, Antoine Driessen, Dimitra Micha, Vivian de Waard

Poland

Zofia Wicik, Mikotaj Marszałek, Andrzej Ciechanowicz, Disha Keshwani, Ceren Eyileten, Szczepan Wiecha, Lukasz Malek, Magdalena Kucia, Marek Antoni Postula

Qatar

Isra Marei, Binitha Thomas, Blerina Ahmetaj-Shala, Omar Chidiac, Tanwir Habib, El-Naas Ahmed, Anam Ehtesham, Azwa Dilawar, Leena Elsheikh Aboidris, Muhammed

Jameesh Moidy, Amin Jayyousi, Jassim M. Al suwaidi, Charbel A. Abi Khalil, Jane A. Mitchell, Chris R. Triggler

Sweden

Hong Jin, Moritz Lindquist Liljeqvist, Zhiyuan Wu, Linda Micali, Bianca E. Suur, Mariette Lengquist, Xiang Zhang, Malin Kronqvist, Jessica Pauli, Joy Roy, Ljubica Matic

Taiwan

Fan-E Mo

United Kingdom

Clare Macleod, Allende Miguelez-Crespo, Elisa Villalobos, Homer Natalie, Mauro Giacca, Patrick Hadoke, Mark Nixon

United States

Rajat M. Gupta, Gavin R Schnitzler, Helen Kang, Ramcharan Singh Angom, Shi Fang, Vivian Lee-Kim, Tony Zheng, Rosa Ma, Aurelie Barry, Ronghao Zhou, Debabrata Mukhopadhyay, Jesse Engreitz ●

Councils Recognize Award Winners at Sessions 2023

The American Heart Association's Scientific Councils offer many opportunities for collaboration and knowledge transfer with other scientists and healthcare professionals through their awards and lectures, council committees, and the AHA's journals.

Congratulations to the following awardees as recognized by the Scientific Councils at the Resuscitation Science Symposium 2023 and Scientific Sessions 2023!

3CPR • Scientific Sessions 2023

Dickinson W. Richards Memorial Lecture

Evangelos Michelakis, MD, FAHA, FACC

Distinguished Achievement Award

Tom Aufderheide, MD, MS, FAHA

Kenneth D. Bloch Memorial Lecture

Marlene Rabinovitch, MD, FAHA

3CPR Best Abstract Award

Dr. Med. Nils Kremer

Cournand and Comroe Early Career Investigator Award

WINNER: Sarah-Eve Lemay, MSc

Finalists:

Chen-Shan Julia Woodcock, PhD
Stuti Sunil Kumar Agarwal, PhD
Ruqa Al-Qazazi, MB ChB, MSc
Yongneng Zhang, MD, PhD

3CPR Junior Investigator Travel Grant

Carly Blatt, MD
Lifeng Jiang, PhD
Yunhye Kim, PhD
Jiajun Li
Ankita Mitra, PhD
Balimkiz Senman, MD
Rafael Sobrano Fais, PhD
Jessie Van Wezenbeek, MSc
Ying Zhong, PhD

3CPR • Resuscitation Science Symposium 2023

Ian G. Jacobs Award for International Group Collaboration to Advance Resuscitation Science

Sudden Cardiac Arrest UK
Peer Support Group

3CPR Mid-Career Award and Lecture

Brian Grunau, MD, MHSc

Resuscitation Champion Award

Katherine Y. Brown, EdD

Lifetime Achievement Award in Resuscitation Science

Laurie J. Morrison, MD, MSc, FRCPC

Max Harry Weill Award for Resuscitation Science

Tomoyoshi Tamura, MD, PhD

Best of the Best Abstract Awards

Rasmus Paulin Beske, MD
Amanda J. O'Halloran, MD
Laust E.R. Obling, MD
Jung A Yoon, MD

Young Investigator Research Awards

Dieter Bender, PhD
Jason Coult, PhD
Jakob Josiassen, MD, PhD
Martin A.S. Meyer, MD, PhD
Helen N. Palatinus, DO
Alexander M. Presciutti, PhD
Nelly Carolina C. Rojas-Salvador, MD
Morgan B. Swanson, MD, PhD
Rose T. Yin, PhD
Yeonho You, MD

3CPR Emergency Medical Services (EMS) Travel Grant

Jill Hoogerhyde
Dustin Yates, AAS, LP
Paul Snobelen, EMT

ATVB

ATVB Distinguished Achievement Award in Vascular Biology

Peter Tontonoz, MD, PhD

George Lyman Duff Memorial Lecture

Ann Marie Schmidt, MD

Russell Ross Memorial Lectureship in Vascular Biology

Lars Maegdefessel, MD, PhD

Sol Sherry Distinguished Lecture in Thrombosis

Joseph E. Italiano, Jr., PhD

ATVB Early Career Award for Outstanding Research

Anurag Jamaiyar, PhD

ATVB Special Recognition Awards

Marit Westerterp, PhD
A. Phillip Owens III, PhD, FAHA
David Dichek, MD, FAHA

Elaine W. Raines Early Career Investigator Award

WINNER: Gopika SenthilKumar

Finalists:

Maria Barrachina, PhD
Manasa K. Nayak, PhD
Tyler W. Benson, PhD

ATVB Scientific Sessions Travel Grant for Early Career Investigators

Jitendra Kumar, PhD
Amanda Peluzzo
Bandana Singh, PhD
Beibei Wang, PhD, MD
Kui Cui, PhD, MS
Leila Mohammadi MD, PhD
Lejia Hu, PhD
Nopparat Tongmuang, PhD
Qian Xu, MD
Renat Roytenberg
Soheil Saedi, PharmD, PhD
Surbhi Chaudhary, PhD
Abdul Waheed Khan, PhD
Yanming Li, PhD
Zhen Yuan, MD

BCVS

BCVS Distinguished Achievement Award

Jane E. Freedman, MD, FAHA

George E. Brown Memorial Lecture

Ronglih Liao, PhD, FAHA

Thomas Smith Memorial Lecture

Joseph A. Hill, MD, PhD, FAHA

Louis N. and Arnold M. Katz Basic Science Research Prize for Early Career Investigators

WINNER: Oscar E. Reyes Gaido

Finalists:

Haobo Li, PhD

Maria Cimini, PhD

Peiheng Gan, MBBS, PhD

Melvin L. Marcus Early Career Investigator Award in Cardiovascular Sciences

WINNER: Glynnis A. Garry, MD

Finalists:

Markus Rottmann, PhD

Na Xu, PhD

Julian U. G. Wagner, PhD, MSc

Genki Ichihara, MD, PhD

BCVS Abstract Travel Grant

Ali Kamiar, Pharm.D

Ana Carolina Mieko Omoto, PhD

Anand R. Ramalingam, PhD

Åshild Telle, MS, PhD

Bijay Guragain, MS

Furkan Bestepe, MD

Jiacheng Sun, MD

Josue Zambrano Carrasco

Maria Viskadourou, MD

Olufunto Badmus, PhD

Yang Qiaoke

Rajul Ranka, MDS, PhD

Samantha M. Morrissey, MD, PhD

Shany Glatstein

Soha Niroumandi, MS

Sukriti Bagchi

Thijs Larson

Varsha Tandra, PhD

Varun Mandi

Yao Wei Lu, PhD

Yu Yamada, MD

Yuto Abe, MD

BCVS International Travel Grant

Hiroyasu Inui, MD, PhD

Mahmoud Gheblawi

Ni Zhu, MD, PhD

Oliver Ian Brown, MBBS, MSc, MRCP

Vittorio Picchio, PhD

Dr. Yingjuan Liu

BCVS Underrepresented Racial and Ethnic Groups Travel Grant

Akazha Green

Daphne A. Diloretto

Evelyn Navar

CLCD

CLCD Distinguished Achievement Award

Judith S. Hochman, MD, FAHA

Laennec Master Clinician Award

Bernard J. Gersh, MB, ChB, DPhil, FRCP, MACC, FAHA, PhD (Hon Causa)

James B. Herrick Award for Outstanding Achievement in Clinical Cardiology

Patrick T. O'Gara, MD, MACC, FAHA, FESC

Laennec Clinician Educator Lecture

Sharonne N. Hayes, MD, FAHA

Women in Cardiology Mentoring Award

Jacqueline Kreutzer, MD

Laennec Fellow in Training (FIT) Clinician Award

WINNER: Reynaldo H. Sanchez, MD

Finalists:

Giselle Alexandra Suero Abreu MD, PhD, MSc

Sean P. Murphy, MBBCh

David E. Hamilton, MD

Qiao Joyce Han, MD

Quest Diagnostics and Steve Rusckowski Early Career Investigator Award for Preventive Cardiovascular Medicine Research

Sponsored by Quest Diagnostics Center of Excellence for Cardiometabolic Testing at Cleveland Heart Lab

WINNER: Kershaw V. Patel, MD, MSCS

Finalists:

Cinzia Monaco, MD

Jiwoo Lee, MS

Arya Aminorroaya, MD, MPH

Samuel A. Levine Early Career Clinical Investigator Award

WINNER: Aish Sinha, MBBS, MRCP

Finalists:

Jonathan Cunningham, MD, MPH

Zhehao Dai, MD, MPH

Kasra Nezamabadi, PhD

Lingyu Xu, MD, PhD

CLCD Underrepresented Racial and Ethnic Groups Travel Grant

Bernardo Andrés Acevedo-Mendéz, MD

Brittany Saldivar Murphy, MD

CVRI

CVRI Distinguished Achievement Award

Vincent B. Ho, MD, MBA, FAHA

Charles T. Dotter Memorial Lecture

Constantino S. Pena, MD, FAHA, FSIR, FSCCT

Melvin Judkins Early Career Clinical Investigator Award

WINNER: Aldostefano Porcari, MD, FISC

Finalists:

Karin Pola, MD

Amine Amyar, PhD

Ebrahim Alskaf, MD, MRCP

Sophia Swago

CVRI Early Career Investigator Travel Grant

Giandomenico Bisaccia

Avanti Gulhane, MD, DNB, FSCMR

Yugene Guo

Ethan Y. Lin, MD

Jie Jun Wong, MBBS, MRCS, MRCP, MMed (Int Med)

CVSA

William W. L. Glenn Lecture

Marc Ruel, MD, MPH, FAHA, FRCSC

CVSA Surgery & Anesthesiology Mentoring Award

Duke E. Cameron, MD

CVSA Early Career Investigator Abstract Award

WINNER: Dunpeng Cai, PhD

Finalists:

Dae-Young Kim, MD

Prabhvir Marway, MB BChir (Hons)

Bahadir Simsek, MD

Alejandro Suarez-Pierre, MD

Vivien Thomas Early Career Investigator Award

WINNER: Antonia van Kampen, MD, PhD

Finalists:

Debolina Banerjee, MD

Lamia Harik, MD

Amit Iyengar, MD, MSE

Aditya Sengupta, MD, MPH

CVSA Abstract Travel Grant

Hussam Al Hennawi, MD

Shreya Chodisetty

Makoto Hibino, MD, MPH, PhD,

FACS, FACC

Jhana Parikh, MS

Juan J. Velasco, MD

Juntong Zeng, MD

CVSN

Katharine A. Lembright Award and Lecture

Nancy Schmieder Redeker, PhD, RN, FAHA, FAAN

Kathleen A. Dracup Distinguished Lecture Exemplary Career in Mentoring Award

Cheryl R. Dennison Himmelfarb, PhD, RN, ANP, FAHA

Clinical Article of the Year Award

John R. Blakeman, PhD, RN, PCCN-K

Marie Cowan Promising Early Career Investigator Award

Quin Denfeld, PhD, RN, FAHA

Mathy Mezey Excellence in Aging Award

Niloufar Niakosari Hadidi, PhD, APRN, ACNS-BC, FAHA

Research Article of the Year Award

Michele M. Pelter, RN, PhD, FAHA

Stroke Article of the Year Award

Sandy Middleton, RN, PhD

CVSN Best Abstract Award

Brittany Butts, PhD, RN, FAHA

CVSN Excellence in Clinical Practice Award

Nancy A. Rudd, MS, BSN, PNP-AC/PC, ANNP, FAHA

Martha N. Hill Early Career Investigator Award

WINNER: JungHee Kang, PhD, MPH, RN

Finalists:

Zequan Wang, PhD, RN

Oluwabunmi Ogungbe, PhD, MPH, RN

CVSN Early Career Investigator Travel Grant

Monica M. Godden, PhD(c), MSN-Ed, RN
Christopher Herring

Hiroko Higa

Sunita Pokhrel Bhattarai, RN, MN

Ashmita Thapa

CVSN Educational Fund Travel Grant

Chiao-Hsin Teng, MSN, RN

CVSN Underrepresented Racial and Ethnic Groups Travel Grant

Faith Elise Metlock, RN

EPI

EPI Distinguished Achievement Award

Michelle A. Albert, MD, MPH, FACC, FAHA

Ancel Keys Memorial Lecturer

George Howard, DrPH, FAHA

Elizabeth Barrett-Connor Research Award for Early Career Investigators in Training

WINNER: Evangelos K. Oikonomou, MD, Dphil

Finalists:

Andrew O. Agbaje, MD, MPH

Arunashis Sau, MBBS, PgCert, MRCP

Sarah Margaret Urbut, MD, PhD

Rosangela Hoshi, PhD

GPM

GPM and EPI Mid-Career Research Award and Lecture

Nathan O. Stitzel, MD, PhD, FAHA

GPM Medal of Honor

Connie R. Bezzina, PhD

GPM Mentoring Award

Susan Cheng, MD, MPH, FAHA

Genomic and Precision Medicine Early Career Investigator Award

WINNER: Matthew J. O'Neill

Finalists:

Lu-Chen Weng, PhD

James Pirruccello, MD

Shaunak Sanjay Adkar, MD, PhD

Joel Rämö, MD, PhD

GPM Abstract Travel Grant

Clayton E. Friedman, PhD

J. Brett Heimlich MD, PhD

Anne Marie Reimer Jensen, MD

Yimin Yang, MS

GPM International Abstract Travel Grant

Jan Vincent Beltran

Khaled Shelbaya, MD, MMSCI

GPM Underrepresented Racial and Ethnic Groups Travel Grant

David Agamasu, MBS

Lifestyle

Robert I. Levy Memorial Lecturer

Vasan Ramachandran, MD, FAHA

Lifestyle and Cardiometabolic Health Early Career Investigator Award

WINNER: Amrit Chowdhary, MBBS, MSc, MRCP, PhD

Finalists:

Katherine A. Collins, PhD

Emily Decicco, MD

PVD

Jay D. Coffman Early Career Investigator Award

WINNER: Victoria Thomas, MD

Finalists:

Patrick Heindel, MD, MPH

Li Lai, PhD

Neela Thangada, MD

PVD FIT Travel Grants

Francky Jacque, MD, MSCE

Joshua Huttler

Mario Enrico Canonico, MD, PhD

Nathan Watson

Santiago Callegari, MD

Syed Hamza Mufarrih, MD

Shuang Li, MD, PhD

QCOR

QCOR Outstanding Lifetime Achievement Award

Lesley Curtis, PhD, FAHA

QCOR Early Career Investigator Abstract Award

WINNER: Amrita Mukhopadhyay, MD, MS

Finalists:

Lucas X. Marinacci, MD

Mirza S. Khan, MD, MS

Arash A. Nargesi, MD, MPH

Sudheesha Perera, MPH

QCOR Early Career Investigator Travel Grant

Nour-Mounira Z. Bakkar, MSc

Kannu Bansal, MBBS

Tyler M. Bauer, MD

Lovedeep Singh Dhingra, MBBS

Vikash Jaiswal, MD

Qianyun Luo

Jungyeon Moon, PharmD, PhD

Gaëlle Romain, PhD, MSc

Veer Sangha

Rebecca Tisdale, MD, MPA

Stroke

Stroke Council Award and Lecture

Patrick D. Lyden, MD, FAHA

Young Hearts

Young Hearts Meritorious Achievement Award

Meryl S. Cohen, MD, MEd, FAHA

Alexander S. Nadas Lecture

Angela Sharkey, MD, FAAP

William J. Rashkind Memorial Lecture

Suzanne Roske

Outstanding Research Awards in Pediatric Cardiology

Kenta Hirai, MD, PhD

Kurt Robert Schumacher, MD, MS

Yao Wu, PhD

Young Hearts Early Career Investigator Award

WINNER: Leonie Madelaine Kurzlechner

Finalists:

Lindsay M. Thomson, MD

Xin Tao Ye, MD

Junichi Saito, MD, PhD

Paola Cota Phelan, DO

Young Hearts Abstract Travel Grant

Brianna Cathey

Henriette Kühle

Thiviya Selvanathan, MD, PhD

Francesca Sperotto, MD, PhD

3CPR is Active at Scientific Sessions

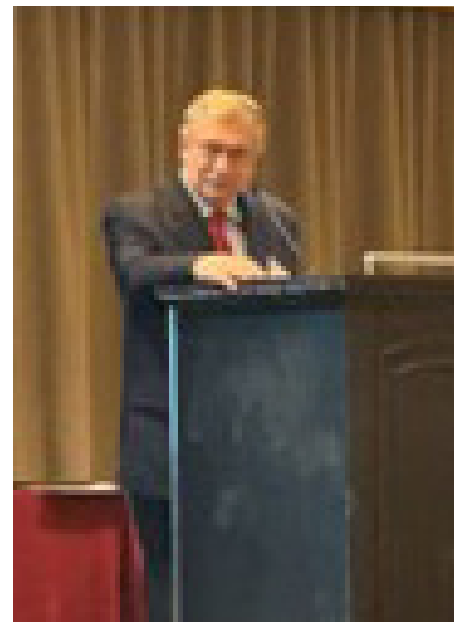


The 2023 Scientific Sessions and Resuscitation Science Symposium of the American Heart Association, hosted in Philadelphia, convened successfully. The event featured an extensive program with 21 scientific sessions under the “Pulmonary Hypertension and Critical Care” Community, including 6 oral sessions with 25 featured abstract presenters. Notably, the Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation (3CPR) had a prominent presence with more than 13 poster sessions with 130 poster presentations, 2 moderated digital poster sessions with 14 digital poster presentations, 9 sessions in the Cardiovascular Seminar, 2 Early Career sessions, 1 event in the Case Theater, and 1 Main Event—Moving the Needle in Cardiogenic Shock: A Conversation with the Giants. Among the 3CPR highlights were the much-anticipated Recognition Award Ceremony Reception and the Early Career Competition, both attracting large and enthusiastic audiences.

The now-traditional “Swimming With the Sharks” early career event offered an exciting platform for five young investigators and fellows to present and defend their research, fostering successful mentor-mentee pairings. The “sharks” this year were Tom Aufderheide, Jane Leopold, Cameron Dezfulian, Rebecca Vanderpool, Sarah Perman and Edda Spiekerkoetter.

Additionally, the well-established 3CPR Speed Mentoring event featured robust exchanges between senior and mid-career researchers and fellow/early-career candidates. Both sessions were well-attended and notably successful at nurturing the next generation of scientific talent.

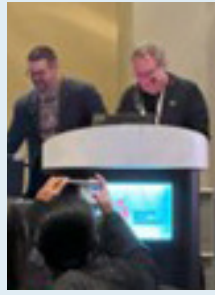
For the first time, ReSS hosted a Women in Resuscitation session with the goal to foster allyship, promote and support women, and discuss topics important to women in an open



forum. The session was moderated by Pavitra Kotini-Shah, MD and included 3 panelists: Comilla Sasson, MD, PhD, Marina del Rios, MD, and Benjamin Abella, MD, MPhil.

The questions and topics discussed during the event covered a wide range of topics including how to best support women through their career advancement as well as how allies

Kudos to Dr. Evangelos Michelakis, MD, FAHA from the University of Alberta, Canada, for receiving the Dickinson W. Richards Memorial Lecture award. His lecture on the role of cellular (de)differentiation in pulmonary hypertension etiology highlighted research challenges in the field.

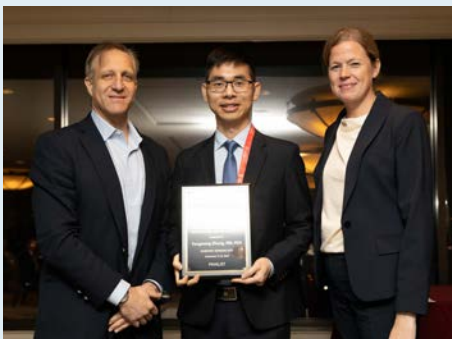
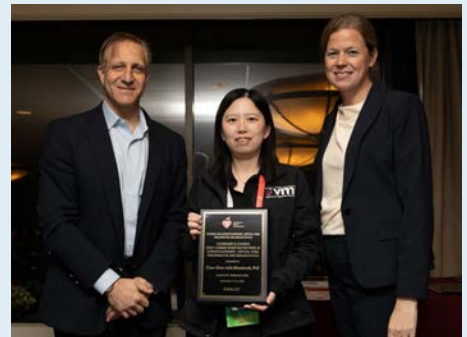


Congratulations to Dr. Marlene Rabinovitch, MD, FAHA from Stanford University, who delivered the Kenneth D. Bloch Memorial Lecture in Vascular Biology.



We also celebrate the eight recipients of the 3CPR Junior Investigator Travel Grant: Carly Blatt, MD; Lifeng Jiang, PhD; Yunhye Kim, PhD; Jiajun Li; Ankita Mitra, PhD; Balimkiz Senman, MD; Rafael Sobrano Fais, PhD; Jessie Van Wezenbeek, MSc; and Ying Zhong, PhD.

Finally, commendations to the four finalists of the Courand & Comroe Early Career Investigator Award: Yongneng Zhang, MD, PhD; Stuti Sunil Kumar Agarwal, PhD; Ruaa Al-Qazazi, MD, MSc; and Chen-Shan (Julia) Woodcock, PhD with special congratulations to the winner of the competition, Sarah-Eve Lemay, MSc.



can support their female counterparts. Additionally, the panelists were able to share their own career journeys and experiences as well as what were the most helpful and meaningful things

for their career advancement. Many members of the audience also shared their insights and experiences within the world of medicine and scientific research. The panelists and other

members also discussed various strategies for tailoring your career, such as how to decline opportunities that are unlikely to benefit your career advancement and growth. One

The AHA Resuscitation Science Symposium 2023 recognized outstanding contributions in the field. Congratulations to these awardees:



Dr. Brian Grunau, MD, MHS, from the University of British Columbia, Canada, for the inaugural 3CPR Mid-Career Award & Lecture.



Dr. Tomoyoshi Tamura, MD, PhD, from Harvard Medical School, honored with the Max Harry Weil Award.



Dr. Laurie J. Morrison, MD, MSc, FRCPC, from the University of Toronto, Canada, for her Lifetime Achievement Award.



Dr. Katherine Y. Brown, EdD, celebrated with the Resuscitation Champion Award.



The Sudden Cardiac Arrest UK Peer Support Group, recipients of the Ian G. Jacobs Award for International Group Collaboration to Advance Resuscitation Science.



Dr. Rasmus Paulin Beske, MD; Dr. Amanda J. Dr. O'Halloran, MD; Dr. Laust E.R. Obling, MD; and Dr. Jung A Yoon, MD, for the Best of the Best Abstract Awards in Resuscitation.



Dr. Med. Nils Kremer for the Best of the Best Abstract in Cardiopulmonary/Critical Care.



Jill Hoogerhyde, Paul Snobelen, EMT, and Dustin Yates, AAS, LP for the 3CPR EMS Travel Grant

strategy that was shared by multiple attendees was to respond with "I will get back to you," but only responding if it is something that you feel is worth your time and energy; ultimately, they will either seek you out again because you are really needed for that project, or they will find someone else that can assist them.

Many inspiring stories and journeys were shared during this time and an abundance of advice for women in navigating their career paths. The experience was incredibly valuable, look for this to continue

in the future! The annual 3CPR Business Meeting and Reception, on November 11, celebrated the achievements of the 2023 Scientific Sessions award recipients. We extend heartfelt congratulations to Dr. Tom Aufderheide, MD, MS, FAHA from the Medical College of Wisconsin, who was honored with the 3CPR Distinguished Achievement Award.

SAVE MONEY ON MEETINGS THAT MATTER

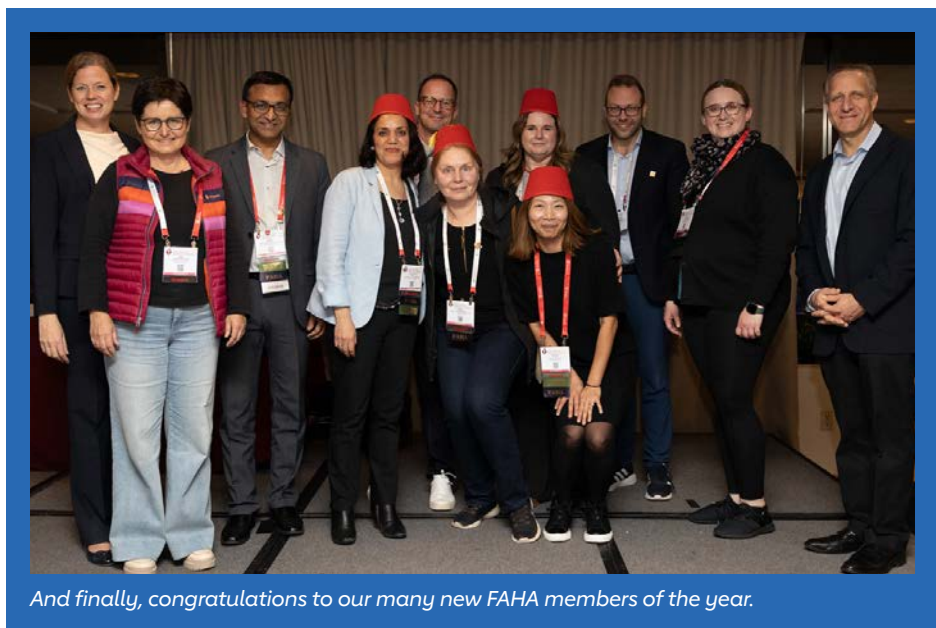
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A special acknowledgment to the 10 ReSS Early Career Investigator Award recipients : Dieter Bender, PhD; Jason Coult, PhD; Jakob Josiassen, MD, PhD; Martin A.S. Meyer, MD, PhD; Helen N. Palatinus, DO; Alexander M. Presciutti, PhD; Nelly Carolina C. Rojas-Salvador, MD; Morgan B. Swanson, MD, PhD; Rose T. Yin, PhD; and Yeonho You, MD.



And finally, congratulations to our many new FAHA members of the year.

In conclusion, I extend hearty congratulations to the 3CPR Planning Committee for orchestrating an outstanding scientific program. The remarkable attendance is a testament to its success. We eagerly look forward to reconvening next year in Chicago for the 2024 AHA Scientific Sessions Meeting. ■

Celebrating Success and Excellence: Highlights from Scientific Sessions



The euphoria of Scientific Sessions still lingers as we reflect on the tremendous success and impact of this year's event. A special thank-you goes out to the Committee on Scientific Sessions Programming Committee, which plans months in advance to schedule the most up-to-date programming. And as always, my heartfelt thanks go out to you. We would not have such success and celebration if it wasn't for all the fantastic ATVB Council members whose energy and passion for the American Heart Association shine through in events such as this. The opportunity to convene in person was truly remarkable, amplifying the significance of the groundbreaking scientific content that unfolded. We extend our deepest gratitude to all attendees who contributed to the vibrancy of the occasion.

Our events were a testament to the enthusiasm and engagement of our esteemed members. The ATVB Early Career Committee set the stage with a memorable reception on November 11th, recognizing the top 100 abstract presenters of the conference. The top five presenters from the ATVB Council were featured. They were (in no particular order) Jitendra Kumar, PhD; Anurag Jamaiyar, BS; Amanda Peluzzo, BS; Nathaniel Smilowitz, MD; and Bo Zhu, PhD. Heartfelt congratulations to all abstract presenters, with special acknowledgment to Dr. Jamaiyar, whose abstract stood out as not only the top abstract in the ATVB Council, winning the ATVB Early Career Award for Outstanding Research but topped all submitted abstracts in the United States.

The Women's Leadership Committee Networking Reception, "The Career Odyssey: Navigating Trainee to Leader Roadmap," was an evening

of empowerment and knowledge-sharing. The well-structured itinerary featured insightful discussions led by industry trailblazers:

- How AHA's Mission and Resources Can Support Your Career
Dr. Elena Aikawa, MD, PhD, FAHA
- How to Build Your Vision at Each Career Stage
Suellen Darc Oliveira, MS, PhD
- How Do You Engage Family Support for Your Career?
Gopika SenthilKumar, MD/PhD Student

This event provided a platform for members to engage in roundtable discussions, covering topics crucial to professional growth and development. These included:

- Stepping into the Future: Transitioning from Medical/ Graduate School to the Next Stage.
Cassandra L. Clift and Gopika SenthilKumar
- Transitioning to independence: engaging and communicating effectively with your mentors.
Kamilah Ali and Paula Rodriguez-Miguel
- Maximizing your worth: promotion and salary negotiation tactics.
Patricia Nguyen and Hanrui Zhang
- Mastering the ask: strategic approaches to start-up packages, resources, opportunities and beyond.
Mabruka Alfaidi and Suellen Darc Oliveira
- Managing the tenure clock: overcoming challenges and getting there!
Zhen Chen and Hong S. Lu
- Ascending the ranks: junior faculty to full professor and leadership roles.
Elena Aikawa and Ngan Huang

The conference concluded on a high note with the ATVB Business Luncheon and Meeting on November 13th which recognized council members who participated in award competitions, lectures and more.

American Heart Association National Awards:

ATVB Distinguished Scientist Award
Cornelia M. Weyand, MD, FAHA

Joseph A. Vita Award
Pradeep Natarajan, MD, MSc, FAHA

ATVB Council Lectures:

Sol Sherry Distinguished Lecture in Thrombosis
Joseph E. Italiano, Jr., PhD

George Lyman Duff Memorial Lecture
Ann Marie Schmidt, MD

Russell Ross Memorial Lectureship in Vascular Biology
Lars Maegdefessel, MD, PhD

ATVB Council Awards:

ATVB Distinguished Achievement Award in Thrombosis
Peter Tontonoz, MD, PhD

ATVB Special Recognition Award: Arteriosclerosis
Marit Westerterp, PhD

ATVB Special Recognition Award: Thrombosis
Phillip Owens III, PhD, FAHA

ATVB Special Recognition Award: Vascular Biology
David A. Dichek, MD, FAHA

Elaine W. Raines Early Career Investigator Award
WINNER: Gopika SenthilKumar

Finalists:
Maria Barrachina, PhD
Manasa K. Nayak, PhD
Tyler W. Benson, PhD

ATVB Scientific Sessions Travel Grant for Early Career Investigators

Jitendra Kumar, PhD
Amanda Peluzzo
Bandana Singh, PhD
Beibei Wang, PhD, MD
Kui Cui, PhD, MS
Leila Mohammadi MD, PhD
Lejia Hu, PhD
Nopparat Tongmuang, PhD
Qian Xu, MD
Renat Roytenberg
Soheil Saeedi, PharmD, PhD

Surbhi Chaudhary, PhD
Abdul Waheed Khan, PhD
Yanming Li, PhD
Zhen Yuan, MD

Our heartfelt congratulations to the newest FAHA members from the fall 2023 slate, individuals who have demonstrated outstanding dedication to the ATVB Council:

Cheryl Abbas, PharmD, BCPS, FAHA
Redouane Aherrahruo, PhD, FAHA
Michael Autieri, PhD, FAHA
Tessa Jo Barret, PhD, FAHA
Effie Bastounis, MEng, PhD, FAHA
Robert Bauer, PhD, FAHA

Ashley C. Brown, PhD FAHA
Gerd Brunner, MS, PhD, FAHA
Bishuang Cai, PhD, FAHA
Zhejun Cai, MD, FAHA
Weiqiang Chen, PhD, FAHA
Partha Dutta, DVM, FAHA
Chiara Giannarelli, MD, PhD, FAHA
Craig J. Goergen, PhD, FAHA
Delphine Gomez, PhD, FAHA
Lian-Wang Guo, PhD, FAHA
Juyong Brian Kim, MD, MPH, FAHA
Alison B. Kohan, PhD FAHA
Amanda Leblanc, PhD, FAHA
Liwu LI, PhD, FAHA

Zhiyong Lin, PhD, FAHA
Esther Lutgens, MD, PhD, FAHA
Suellen Darc dos Oliveira, MS, PhD, FAHA
Mireille Ouimet, PhD, FAHA
Anup Sabharwal, MD, MBA, FAHA
Randal Joseph Westrick, PhD, FAHA
Jesse Warren Williams PHD, FAHA

As we reflect on these moments of achievement and collaboration, let us carry the momentum forward, inspired by shared pursuit of excellence. We look forward to the continued growth and success of our esteemed membership. See you all in Chicago for Vascular Discovery 2024! ■



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BCVS Wins the Council Challenge, Plus a Look at BCVS Events at Sessions



This year's Scientific Sessions was held in the beautiful city of Philadelphia and kicked off on Friday, November 10 with two sessions hosted by the BCVS Early Career Committee. The first was on "Success Through Failure: Lessons from Famous Scientists," convened by Dr. Susmita Sahoo, PhD, and Dr. Sarah Schumacher, PhD, and featured three invited speakers, Dr. Ronald Vagnozzi as Early Career Faculty, Dr. Maria Kontaridis as an institute director and Dr. Sumanth Prabhu as an established physician-scientist. They shared their experiences of dealing with failures and valuable lessons learned that provided inspiration to succeed. The presentations stimulated an extended panel discussion and Q&A from the audience. The session was well-attended by early career and international scientists, many of whom stayed afterward to talk more and ask questions.

The Committee also hosted a session on "Gene Therapy for Heart Diseases: Key Challenges to Address" in coordination with the AHA's science and medicine advisor, Dr. Katherine Sheehan. Many leaders in gene therapy participated: Drs. J.P. Sluijter and D. E. Lanfear as co-moderators and Drs. Roger Hajjar, Susmita Sahoo, Mauro Giacca, Lior Zangi, and Andrew Baker as speakers. The session covered state-of-the-art research on gene therapy and included a rich panel discussion on the latest advancements and major challenges for translation to clinics. It was well-attended by a diverse group of academics and scientists from pharma and early career researchers. In February, the BCVS Early Career Committee will host a virtual mentorship seminar on Finding Jobs in Academia. We hope to see everyone there!

Sessions main events kicked off Saturday November 11, with a welcome

from AHA President and BCVS member Dr. Joseph Wu. Dr. Deepak Srivastava was recognized with the 2023 BCVS Distinguished Scientist Award. The day continued with sessions on topics that included gene therapy, genetics, genomics, gene regulation and cardiac immune responses. There were also late-breaking basic science presentations and posters selected from the best abstracts. The morning wrapped up with a reception to celebrate the basic sciences.

Saturday afternoon highlights included the Distinguished Scientist Lecture delivered by past BCVS Chair Dr. Elizabeth McNally, as well as the Early Career Investigator Award. The competition was strong this year, with Oscar Gaido winning the Louis



Early Career Investigator Award Finalists



Early Career Investigator Award Winner

N. and Arnold M. Katz Basic Science Research Prize and Dr. Glynnis Garry winning the Melvin L. Marcus Early Career Investigator Award in Cardiovascular Sciences. *Circulation Research* held a session on COVID-19 and the Cardiovascular System. The third annual Council Challenge took place Saturday afternoon in the Heart Theater. It featured members from various Councils vying for a gold

trophy and \$100 gift card. BCVS won. The day concluded with the AHA All Member Reception and the BCVS Council Dinner.

Sunday events included sessions on cardiac mitochondria, engineering and repair, fibroblasts, the extracellular matrix, and interorgan and intercellular communication. Early in the afternoon, Dr. Joseph C. Wu gave the Lewis A. Conner Presidential Address. It was an inspiring talk about his life and science and a highlight

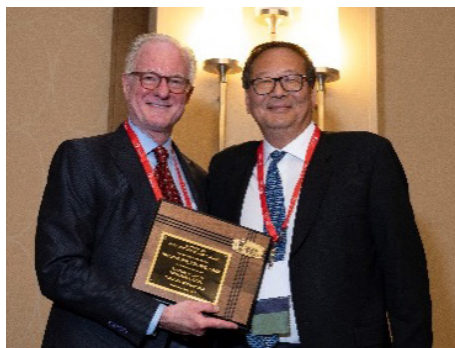


Dr. Ronglih Liao, George E. Brown Memorial Lecturer

was his advice that encapsulates everything he's learned: "Work hard, work smart and most importantly work together." During the Presidential Session, Dr. Yibin Wang received the 2023 Basic Research Award. The day continued with sessions on immune responses in heart disease, as well as signaling in cardiomyopathy. The day concluded with Dr. Ronglih Liao delivering the George E. Brown Memorial Lecture, the President's Reception honoring Dr. Wu and the annual Circulation Research Reception. We would like to remind all BCVS members to make nominations for next year's awards. Please email me or Dr. Elizabeth McNally.

On Monday, we launched an exciting morning session on diastolic dysfunction and heart failure preserved ejection fraction. It brought together immunologists, electrophysiologists and physiologists focused on understanding the fundamental mechanisms of diastolic dysfunction. Sessions on topics such as metabolism, cardiotoxicity and muscle pathophysiology occurred

throughout the day. Other sessions focused on tissue and cardiac repair. The day also included an exhilarating session on atrial fibrillation, unveiling novel mechanisms that hold promise



Dr. Joseph Hill, Thomas W. Smith
Memorial Lecturer

for future therapeutic approaches. This session was a part of the Henning Lecture on the genetics of atrial fibrillation. The Thomas Smith Memorial Lecture, given by Dr. Joseph Hill, was titled “HFpEF (Heart Failure with Preserved Ejection Fraction).”

The final day featured several high-quality poster presentations. Topics included cells, extracellular vesicles, gene therapy, proteomics and biomarkers, showcasing the breadth and depth of research within these crucial domains. Join us next year for Sessions, November 15-18 in Chicago. ■

BCVS Science Subcommittee

BCVS has applied for a subcommittee that will be responsible for writing scientific statements in basic and translational research. The subcommittee would initiate two scientific statements a year and recruit writing groups for each statement. Currently, the BCVS and GPM councils are partnering to write a scientific statement on cells and cell-based products for the treatment of cardiovascular disease. Other topics of interest include genes and genome editing therapy for cardiovascular disease. Anyone interested in being in the writing group should contact Katherine Sheehan. ■

2024 Asian Cardiovascular Symposium Expands to Embrace Global Collaboration

In line with the AHA's core mission and the BCVS conference's commitment to fostering global participation, networking and collaboration, the Asian Cardiovascular Symposium (ACS) has been established as a key feature of the BCVS Scientific Sessions. The ACS involves four Asian cardiovascular societies: the Academy of Cardiovascular Research Excellence (ACRE), Japanese Cardiovascular Research Association (JCRA), Korean Cardiovascular Society (KCS) and Society for South Asian Heart Research (SAHR). These organizations have



2023 ACS Meeting

partnered with the BCVS Council to bring the symposium to fruition. Looking ahead to BCVS 2024, our collaboration has expanded to include African cardiovascular societies. We anticipate welcoming more than 200 members to the ACS symposium, scheduled for Sunday, July 21, 2024. This gathering will not only enrich our understanding of cardiovascular science but strengthen international ties and research collaboration.

Planning is well under way for BCVS 2024, to be held at the Hilton Chicago July 22-25, 2024. The meeting theme is “Advances in Cardiovascular Science: From Discovery to Translation.” As always, the meeting will highlight basic cardiovascular research with clinical and translational implications by bridging mechanisms to cardiovascular physiology and pathophysiology.

Next year's BCVS will be organized by Chair Dr. Sumanth Prabhu and Chair-elect Dr. Farah Sheikh, together with a diverse Program Committee composed of eight BCVS members, and the

immediate past program Chair, Dr. Pilar Alcaide. Dr. Dale Abel will be the keynote speaker — he's the William S. Adams Distinguished Professor of Medicine and Chair and Executive Medical Director of the Department of Medicine, David Geffen UCLA School of Medicine in Los Angeles. Dr. Abel has made seminal discoveries that have furthered our understanding of the interface and links between metabolic and cardiovascular disease.

A diverse group of speakers will soon be invited to present the latest science at 12 general sessions, and we will begin accepting abstracts in January 2024 for three poster sessions. The scientific content balances the traditional molecular cardiovascular sciences — cellular and molecular mechanisms of cardiovascular disease, cardiac metabolism, mechanisms of hypertrophy, cardiac arrhythmias, and genomic, genetic and epigenetic mechanisms — with cutting-edge topics such as novel emerging technologies and therapeutics, tissue engineering, cardiac development, cardio-immune interactions, cardiac fibrosis and inter-organ communication. A timely session on pathophysiologic axes beyond the heart in heart failure will also be part of BCVS 2024. As usual, we'll have the Outstanding Early Career Investigator Award competition, dedicated to the three best abstracts submitted.

The early career programming, organized by Dr. Susmita Sahoo and Sarah Schumacher-Bass and the Early Career Committee, will include a half-day pre-meeting for early career scientists, with short oral presentations and a keynote lecture. The popular Women in Science Breakfast will be held again to promote mentorship and networking.

BCVS is the second-largest AHA Council, and the BCVS summer conference, which has grown in both scope and interest, is one of the best-attended AHA specialty meetings. Don't miss BCVS 2024 in Chicago! ■

CLCD Enjoys Vibrant Activity at Sessions 2023



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The American Heart Association's Council on Clinical Cardiology (CLCD) was back to a "new normal" of vibrant activity during Scientific Sessions. Many of its 4,130 members, including 1,175 Fellows (FAHA) and 467 early career members, were engaged in a host of Council-related research, education and advocacy events.

Newly elected CLCD FAHAs were Philip Alaba Adebola, MD Zain Ul Abideen Asad, MD Maryjane Farr, MD; Avirup Guhu, MBBS; Seung-Jae Joo, MD, PhD; Brett Sealove, MD; Naveen Seecheran, MD; Amanda Vest, MBBS; and Nozomi Watanabe, MD, PhD.

CLCD members earned several awards. Alexander Sandhu, MD (Stanford), won the *Circulation* Willerson Award for best paper in clinical science for "Incidental Coronary Artery Calcium: Opportunistic Screen of Previous Nongated Chest Computed Tomography Scans to Improve Statin Rates (NOTIFY-1 Project)." Bernardo Acevedo-Mendez, MD, and Brittany Murphy, MD, received the Underrepresented Racial Ethnic Groups Travel Grant. Bernard Gersh, MB, DPhil (Mayo), won the Laennec Master Clinician Award, while Sharonne Hayes, MD, gave the Laennec Clinician Educator Lecture. Marc Pfeffer, MD, PhD, won the Eugene Braunwald Academic Mentorship Award, and Jacqueline Kreutzer, MD, got the Women in Cardiology Mentoring Award. Judith Hochman, MD, received the Distinguished Scientist Award.

Patrick O'Gara, MD, was the 2023 James B. Herrick Speaker and Award Winner. He provided a witty take on his career titled "Cardiology and the Utility Infielder" in which he answered the question: "Is it possible or even desirable to be an academic general cardiologist?" His conclusions were: "Of course but be realistic" and "Stay involved in the Council — you can't predict where it might lead." He also honored the incredible legacy of



Participants of the CLCD High School Outreach Program

previous Herrick Award winners and his mentors.

To close out Sessions, CLCD collaborated with the AHA Greater Philadelphia Region and STEM Goes Red to host students from the Philadelphia School District for the High School Outreach Program. Because of COVID-19, this program had been on hold for three years, and all were excited for its return.

The CLCD High School Outreach Program connects students from underrepresented racial and ethnic groups with diverse professionals in science, health and medicine. Participating schools for 2023 were the Philadelphia Performing Arts Charter School and the W.B. Saul High School. This year's event provided a forum for students to learn from and be inspired by the following AHA volunteer leaders: program co-founder Ileana Piña, MD (Jefferson Health); past AHA president Clyde Yancy, MD (Northwestern); Annabelle Volgman, MD (Rush University); Renée Bullock-Palmer, MD (Deborah Heart and Lung Center); and Nkechinyere Nwamaka Ijioma, MD, MBBS (Ohio State University).

The current AHA officers also made time to speak with the students: President Joseph Wu, MD; President-elect Keith Churchwell, MD; immediate past President Michelle Albert, MD; and CEO Nancy Brown. The speakers shared the 'why' behind their work, how they achieved their current position and the obstacles

they overcame along the way. The experience also included networking with science leaders, speakers from AHA's Historically Black Colleges and Universities (HBCU) Scholars Program and Hispanic Serving Institutions (HSI) Scholars Programs, as well as a guided tour of the exhibit hall and poster hall at the Pennsylvania Convention Center. Congratulations to CLCD Chairperson-elect Laxmi Mehta, MD, for her outstanding leadership of this year's program.

A big thanks to the CLCD staff for their work at the 2023 Scientific Sessions: Jon Pagtakhan, Paul St. Laurent, Anne Leonard, David "Augie" Rivera, Radhika Rajgopal Singh, Melissa Jarvis, Leslie Hearn, Heather Goodell, Cory Cooper, Denise Levy, Christine Beaty and Takia Nelson.

Women in Cardiology Luncheon Event

The CLCD Women in Cardiology (WIC) Committee hosted its signature AHA WIC luncheon. Dr. Jacqueline Kreutzer, pediatric cardiologist from UPMC and this year's WIC Mentoring Award winner, delivered the keynote address. She walked the audience through the history of pediatric cardiology, highlighting the amazing contributions that women have made to the field. Dr. Kreutzer also outlined a roadmap for the future and ways to create equity for women.

This was followed by a distinguished panel of women leaders, including

Drs. Nannette Wenger, Michelle Albert, Minnow Walsh, Jennifer Mieres and Kreutzer. They fielded questions from moderators Drs. Monika Sanghavi and Pam Taub and the audience about their biggest achievements, toughest obstacles and advice for future trainees.

Early Career Award Competition Winners

(all finalist info below)

Quest Diagnostics and Steve Ruscowski Early Career Investigator Award For Preventive Cardiovascular Medicine Research

Sponsored by Quest Diagnostics Center of Excellence for Cardiometabolic Testing at Cleveland Heart Lab

Kershaw V. Patel, MD, MSCS (Houston Methodist DeBakey Heart & Vascular Center)

Samuel A. Levine Early Career Clinical Investigator Award

Aish Sinha, MBBS, MRCP (Texas Heart Institute)

Laennec Fellow in Training (FIT) Clinician Award

Reynaldo H. Sanchez, MD (UT Southwestern)

The **AHA Mentoring Program** provides a unique opportunity for young members to connect with and benefit from the experience and knowledge of our most passionate members. Whether you choose to become a mentor or a mentee, you will be involved in goal-setting and creation of an action plan to reach those goals. [Learn more.](#)



Quest Diagnostics And Steve Ruscowski Early Career Investigator Award For Preventive Cardiovascular Medicine
Arya Aminorroaya, MD, MPH (Yale School of Medicine)
 Development and Multinational Validation of a Machine Learning-Based Optimization for Efficient Screening for Elevated Lipoprotein(a)

Jiwoo Lee, MS (Broad Inst. of MIT and Harvard)
 Integrative Metabolomics Differentiate Coronary Artery Disease, Peripheral Artery Disease, and Venous Thromboembolism Risks

Cinzia Monaco, MD (UZ Brussel, Bruxelles, Belgium)
 Diagnosing Brugada Syndrome in Absence of Electrocardiographic Pattern: Predictive Modeling of Activation Delay in the Right Ventricular Outflow Tract

Kershaw Patel, MD MSCS (Houston Methodist DeBakey Heart & Vascular Ctr)
 Pulling Out All the Stops (For a Diagnosis): A Case of Progressive Dyspnea

SAMUEL A. LEVINE EARLY CAREER CLINICAL INVESTIGATOR AWARD FINALISTS

Jonathan Cunningham, MD, MPH (Brigham and Women's Hospital)
 Natural Language Processing for Adjudication of Heart Failure Hospitalizations in a Multi-Center Clinical Trial

Zhehao Dai, MD, MPH (Cedars Sinai Medical Center)
 Myocardial DNA Damage Predicts Heart Failure Outcome in Various Underlying Diseases

Kasra Nezamabadi, PhD (University of Delaware)
 XplainScar: Explainable Artificial Intelligence to Identify and Localize Left Ventricular Scar in Hypertrophic Cardiomyopathy (HCM) Using 12-lead Electrocardiogram

Aish Sinha, MBBS, MRCP (Texas Heart Institute)
 Characterising Mechanisms of Ischemia in Patients With Myocardial Bridges

Lingyu Xu, MD, PhD (University of Pennsylvania)
 Lipomatous Metaplasia is Associated With Ventricular Tachycardia Recurrence Following Ablation in Patients With Non-Ischemic Cardiomyopathy



2023 LAENNEC FELLOWS IN TRAINING CLINICIAN FINALISTS

David Hamilton, MD (University of Michigan)
 A Diagnostic Copycat: Culture Negative Endocarditis of A Bioprosthetic Valve Presenting as ANCA Vasculitis

Joyce Han, MD (Massachusetts General Hospital)
 A Postpartum Diastolic Murmur

Sean P. Murphy, MBBCh (Massachusetts General Hospital)
 Hearing is Believing: A Case of a Ruptured Sinus of Valsalva Aneurysm

Reynaldo H. Sanchez, MD (UT Southwestern)
 A Tale of Two Maladies: An Interplay of Mendelian Principles

Giselle A Suero-Abreu, MD PhD MSc (Massachusetts General Hospital)
 The Forgotten Circulation: Lymphovascular Malformation Presenting as a Complex Mediastinal Mass in a Young Adult



CLCD Council Leadership Committee: A Breakdown



Basic Cardiovascular Sciences

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CVRI Comes Together with Purpose at Sessions and for the Next Century



As I'm starting my tenure as Chair, it was such a pleasure to connect in person with Council members at Sessions. I'm looking forward to building on the great work of prior Chairs and appreciate Gautham Reddy, MD, MPH and Sanjay Misra, MD for extending their commitments as I took a hiatus to focus on health policy over the last year.

I'd like to share updates from the October Science Advisory Coordinating committee (SACC) meeting to provide some context for Council priorities. The AHA's 100th anniversary is generating great excitement with a focus on how to demonstrate progress on the mission and what the next 100 years can look like. As part of the centennial, the AHA has endorsed a second-century vision: "Advancing health and hope for everyone, everywhere." The AHA is emphasizing health equity and the impact of structural racism by increasing diversity in research awardees and providing \$100 million of new research programming.

SACC provided a preview of the data analysis by the Forecasting the Future of CVD Steering Committee, showing the health and economic impacts of cardiovascular disease out to 2050. Initial publications utilizing these data are anticipated in June 2024. It's interesting to consider how our Council could examine the imaging and intervention elements of the data, perhaps creating a radiology and intervention-focused manuscript.

Scientific Sessions is a great opportunity to establish priorities for the Council for the next year. My personal priorities include health outcomes disparities, rural health and the role of artificial intelligence. This Council has discussed AI extensively, and ours is the space where there is a lot of enthusiasm for AI. I see an

opportunity to help inform the AHA's advocacy agenda and public posture on AI.

Another area of opportunity is payment policy and our transition to value-based care. Remembering the diversity of specialists engaged in cardiovascular care, not cardiologists exclusively, it's imperative that we think about how value-based care applies differently to each specialty.

Because of the AHA's interdisciplinary public health mission, CVRI is the only venue where radiologists with a passion for addressing the impacts of cardiovascular disease and cardiovascular care on public health can convene around this mission.

It's been fun to think about the agenda for the next two years, and I'm excited about what we can accomplish together.

Scientific Sessions

Philadelphia — The City of Brotherly Love. What a great location for Scientific Sessions as a reminder of our second-century AHA Mission: "Advancing Health and Hope for Everyone Everywhere." In this spirit, the CVRI Leadership Committee met in person and virtually at Sessions. The committee Chairs and members at large had a robust discussion and shared some great ideas about how to build community as the multidisciplinary home for cardiovascular radiologists, cardiovascular imaging specialists, interventionalists and imaging scientists. Priority areas of interest for Council engagement included AI and health equity, disparities in access to services, early career and trainee engagement, and imaging and intervention science.

Edwin A. Takahashi, MD, provided an update on the work of the Communications Committee; Kate Hanneman, MD, MPH reported on the Early Career and Mentoring Committee; Robert Kennedy, PhD shared updates on the work of the Membership Committee; and Daniel Addison, MD, gave a report from the CLCD/CVRI Joint Science Committee. The Leadership Committee also

received a Science and Medicine Report from our Advisor, Katherine Sheehan, PhD. The Council has been active in initiating and cosponsoring manuscripts, with a total of 10 publications since 2022. Several manuscripts are in development and key gap areas for consideration for publication have been identified by our joint science committees. The report generated a lively discussion of science gaps and opportunities to contribute. The council leadership is eager to tap our membership for writing group leadership or participation and wants to hear from you on priority topics.

Finally, part of the AHA's mission is advocacy. Antoinette Gomes, MD, provided an update on state and federal advocacy activities, reminding the Leadership Committee of important work on public health priorities, including access to AEDs, FDA tobacco rules, healthy school meals, Medicaid postpartum coverage extension and other policy wins.

As we look toward Sessions 2024, we are already considering how to strengthen the scientific content in imaging and intervention. With 2024 marking 100 years of the AHA, we anticipate an exciting meeting with great participation and are eager to design CVRI content that is engaging, inclusive and impactful.

Council Reception

CVRI sponsored an evening reception on Saturday, November 11, to provide a venue for celebration, connection and information sharing. We were honored to be joined by Council member and President-elect Keith Churchwell, MD, FAHA, who endorsed the importance of cardiovascular radiology and vascular interventional radiology to improve the health of our communities and support health care systems. Awardees were recognized, including Dr. Vince Ho, recipient of the CVRI Distinguished Achievement Award; the finalists and winner of the Melvin Judkins Early Career Investigator Award in Cardiovascular Radiology; newly elected FAHAs; and the CVRI travel grant recipients.



Dr. Keith Churchwell and attendees at CVRI Member Reception

CVRI Slate–Fall 2023 Fellows of the American Heart Association

Sharmila Dorbala, MD, MPH, FAHA
Jingfeng Jiang, PhD, FAHA
Mina Makary, MD, DABR, FAHA
Gautham Reddy, MD, MPH, FAHA
Michael Salerno, MD, PhD, MS, FAHA

CVRI Slate–Spring 2023 Fellows of the American Heart Association

Ashish Aneja, MBBS, FAHA
David M. Biko, MD, FAHA
Jeffrey F. Chick, MD, MPH, FAHA
Xue Feng, PhD, FAHA
Gustavo Rodriguez, MD, PhD, FAHA
Paul Singh, MD, MPH, FAHA
Prem Soman, MD, FAHA
Edwin Takahashi, MD, FAHA
Radu-Gabriel Vatasescu, MD, PhD, FAHA
Christiaan J. Vrints, MD, PhD, FAHA

CVRI Early Career Investigator Travel Grant

Giandomenico Bisaccia
Avanti Gulhane, MD, DNB, FSCMR
Yugene Guo
Ethan Y. Lin, MD
Jie Jun Wong, MBBS, MRCS, MRCP, MMed (Int Med)

Charles T. Dotter Memorial Lecture Session

The Charles T. Dotter Memorial Lecture was established in 1987 by the Council on Cardiovascular Radiology and Intervention, to honor Dr. Charles Dotter, the father of interventional radiology, who contributed significantly to the creation of cardiovascular angiography and pioneered the development of angioplasty and other interventional cardiovascular procedures. The inaugural lecture was presented in 1987 and is presented annually at Scientific

Sessions. This year's lecturer was Constantino S. Peña, MD, discussing "Critical Limb Ischemia: Status of This Important Aspect of the PAD Epidemic." In this call to action, he provided an excellent overview of the epidemiology, impact, diagnosis, and treatment of critical limb (threatening) ischemia and the persistent challenges in many communities in achieving timely diagnosis and treatment for patients with peripheral arterial disease.

Dr. Peña is an interventional radiologist at the Miami Cardiac and



Dotter Lecturer Dr. Constantino S. Peña with Dr. Laura Findeiss

Vascular Institute at Baptist Hospital in Miami, Florida, where he serves as the section head for interventional radiology and the Medical Director of Vascular Imaging. He is the Radiology Partners Interventional Radiology National Subspecialty Division Lead and the Chair of the Miami Cardiac and Vascular Institute Management Company. Tino completed his residency in diagnostic radiology and vascular and interventional

radiology fellowship at Massachusetts General Hospital. He has served as the Chair of the Cardiovascular Radiology and Intervention Council of the American Heart Association (AHA) and as a board member of the IAC CT. He has served on the Annual Meeting Committee and as the Annual Meeting Chairman for the Society of Interventional Radiology. His volunteer service also includes committees for other professional organizations, including the ABR, ACR and RSNA. Dr. Peña is a fellow of SIR, AHA, and SCCT.

The Dotter Lecture was followed by Q&A and presentation of notable scientific abstracts by Amine Amyar, Masataka Katahira and Amr Darwish.

Melvin Judkins Early Career Investigator Award in Cardiovascular Radiology

This year's Melvin Judkins competition provided great insight into new directions of discovery in cardiovascular imaging. This well-attended session included novel approaches to answering difficult and clinically relevant questions in the care of patients with cardiovascular disease using non-invasive imaging techniques. Included in the session were compelling computer modeling and machine learning techniques, and the judges offered an opportunity for discussion through questions directed to the presenters. Presenting this year were Ebrahim Alskar, MD, MRCP, Karim Pola, MD; Aldostefano Porcari, MD, FISC; Sofia Swago, and Amine Amyar, PhD. Dr. Porcari was named the 2023 competition winner.



Judkins Winner Dr. Aldostefano Porcari and Dr. Laura Findeiss

CVRI Distinguished Achievement Award

The Distinguished Achievement Award recognizes individuals who have made major contributions to a Scientific Council over a continuing period and who have made substantial professional contributions to the field represented by the Council. This year's award was presented at the CVRI Reception to Dr. Vincent B. Ho, who has spent the past three decades serving military beneficiaries as an academic radiologist, making important contributions in cardiovascular radiology and to the CVRI Council of the American Heart Association.

Since the early 1990s, Dr. Ho has been a leading researcher and innovator in advanced MRI and MRA techniques for cardiovascular imaging, as well as a dedicated educator and mentor for many trainees. He has co-authored



CVRI Distinguished Achievement Awardee Dr. Vincent B. Ho and Dr. Laura Findeiss

four books on cardiovascular imaging and served on the editorial boards for four journals, including *Circulation: Cardiovascular Imaging*, and holds 18 U.S. patents. He is a past Chair of our Council and a past President of the North American Society for Cardiovascular Imaging.

Since 2009, he has been Chair and Professor of the Department of Radiology and Radiological Sciences at the Uniformed Services University of the Health Sciences (USUHS), leading and supporting more than 270 global faculty members. From 2011 to 2021, he also served as Chief of Radiology at Walter Reed National Military Medical Center in Bethesda, Maryland. At USUHS, Dr. Ho established the 4D Bio Center for Biotechnology with the mission to develop advanced biotechnology solutions to enhance the health readiness, resilience and wellness of America's service members. The Center engages in a broad range of research efforts, including on-demand blood, tissue engineering, organ-on-chip platforms and austere biotechnologies. ■



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CVSA Sees Transformational Change



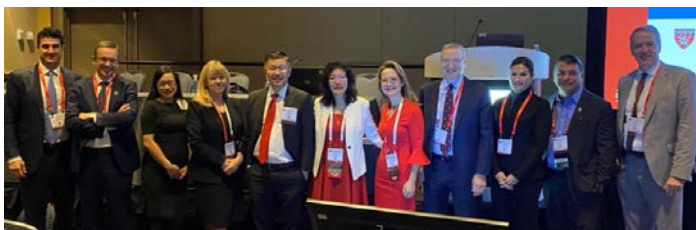
The **Council on Cardiovascular Surgery and Anesthesia (CVSA)** is undergoing a transformational change as we wrap up and summarize our success at Scientific Sessions 2023 and move our Educational and Scientific Strategic Plan into the next 100 years of the American Heart Association. I am very privileged to lead this multidisciplinary Council of cardiac surgeons and cardiac anesthesiologists into the next era. The CVSA Program at **Scientific Sessions 2023** is evidence of this strategy, and I will highlight a few of these provocative sessions.

A special shout-out goes to our Sessions Meeting co-chairs, Elaine Tseng, MD, Danny Muehlschlegel, MD, MSc, MBA, George Arnaoutakis MD, and Amanda Fox, MD, MPH, who, with input from Council membership, created these multidisciplinary scientific panels. With so many different therapeutic approaches to heart disease, it is no wonder that different opinions and controversy exist. These panels were hugely successful. Note the picture of the faculty from the Coronary Artery Revascularization Guidelines panel, in which all faculty have joined hands!



Coronary Artery Revascularization Guidelines panelists

In another important multi-specialty session, our experts in aortic disease convened to summarize their work on the **2022 ACC/AHA Guideline for the Diagnosis and Management of Aortic Disease**, almost one year after its publication. This prolific author group presented "What Do You Need to Know About the New Aortic Disease Guidelines?"



ACC/AHA Guideline for the Diagnosis and Management of Aortic Disease panelists

Our leaders in valvular heart disease also represented CVSA in the Main Event entitled Valve-tastic!



The Main Event entitled Valve-tastic!

Early Career:

Our CVSA Council has a robust mentorship program and a burgeoning Early Career program for trainees and young faculty in cardiothoracic surgery and anesthesiology. I would like to give special thanks to our Early Career Committee co-chairs Dr. Jessica Rove and Dr. Kimberly Howard-Quijano, who created programming on grant writing that was intriguing for our young Council members and our faculty, as well. This year, we doubled the number of applications for the CVSA Research Travel Grants, and we had triple the applications for our CVSA Early Career Investigator Abstract Awards.



Awardees of the Early Career CVSA Travel Grants

In addition, the Vivien Thomas Early Career Investigator Award contest received nearly double last year's applications. This remains a highly prestigious prize for cardiovascular surgeons and anesthesiologists in early career. Congratulations to our 2023 finalists Debolina Banerjee, MD, Aditya Sengupta, MD, Amit Iyengar, MD, MS, Lamia Harik, MD and to the winner, Antonia van Kampen, MD. The finalists with Drs. Rove and Howard-Quijano.



Vivien Thomas Early Career Investigator Award finalists

The two Early Career sessions in our program were very successful, and we had excellent feedback on all speakers and topics. We appreciate everyone for proposing topics, speaking, moderating and voting for our CVSA Early Career and Vivien Thomas competitions.

Award Night

Our William W.L. Glenn Lectureship honors a pioneer in cardiac surgery or anesthesiology who has made a notable impact in the field. This keynote lecture is always a highlight of Scientific Sessions, and this year Dr. Marc Ruel, a past Chair of our CVSA Council, delivered the address. Dr Ruel presented the very provocative topic "A Crucial Time and Role for Surgeons in Cardiovascular Therapeutics."

The CVSA Mentorship Award is given to a physician in cardiovascular surgery, vascular surgery or anesthesiology who nurtures younger careers in our specialty. The unanimous choice of the Nominating Committee this year



William W.L. Glenn Lectureship awarded to Dr. Marc Ruel, Professor and endowed chair of Minimally Invasive Cardiac Research in the Division of Cardiac Surgery at the University of Ottawa Heart Institute.

was Duke Cameron, MD. Dr. Cameron's legacy at Johns Hopkins University since 1987 has inspired many people to become cardiac surgeons.

A very special thanks goes to Jon Pagtakhan and Lianne DaMommio for their tireless efforts and crucial



CVSA Mentorship awardee Duke Cameron, MD, Professor of Surgery, Johns Hopkins University

assistance in executing these programs, and to Maureen Bystrom, a recent addition to the CVSA administrative team. ■

CVSA Education and Publications Committee Report

This committee has been very prolific. We have been the lead Council on the publication of four Scientific Statements since 2021: management of acute pulmonary embolism, ischemic complications after coronary surgery, clinical trials in cardiac surgery and anesthetic care of the pregnant patient with advanced cardiac disease. In

the current Scientific Statement pipeline, CVSA authors will address intraoperative echocardiography, secondary prevention and enhanced recovery after cardiac surgery. We thank Mario Gaudino, MD, PhD, Msc, Chair, and Marc Ruel, MD, PhD, Chair-elect, of this critically important Council committee. ■

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COUNCIL AWARDS & GRANTS

Learn about the variety of council-sponsored awards and travel grants available to our members. [Learn more.](#)

Membership Report

Our membership committee, chaired by Dr. Tara Karamlou, MD, MSc met during Sessions and set new goals. We plan to expand by enlisting members from related societies or considering joint meetings. We also discussed social media strategies.

Our Council welcomes all professionals who serve cardiovascular patients undergoing surgery and interventional procedures and who are involved in periprocedural patient management.

We hope you will join the Council on Cardiovascular Surgery and Anesthesia in our efforts to improve the care of patients requiring cardiac and vascular procedures. We welcome your collaboration and partnership in this expanding clinical space, so we can advance cardiac health through scientific inquiry, education and patient engagement. ■

CVSN Reflects on Sessions and Celebrates Award Winners



Welcome back from a great Scientific Sessions. It was so nice to see everyone in person and have the chance to catch up. We had a very successful turnout. Approximately 176 CVSN members attended, with 66 abstracts presented, 19 nursing sessions and 135 members at the Council Dinner. Below is a list of

CVSN awardees who were recognized and celebrated at the Council Dinner held November 11 during Scientific Sessions 2023 in Philadelphia. Join me and Chair-elect Lorraine Evangelista, PhD, RN, FAHA, FAAN, in congratulating these CVSN members. ■

Katharine A. Lembright Award and Lecture

Nancy Redeker, PhD, RN, FAHA, FAAN



Dr. Nancy Redeker with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

Kathleen A. Dracup Distinguished Lecture and Exemplary Career in Mentoring Award

Cheryl R. Himmelfarb, PhD, RN, FPCNA, FAHA, FAAN



Dr. Cheryl R. Himmelfarb with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

Clinical Article of the Year Award

Award sponsored by Journal of Cardiovascular Nursing

Initial Development of the Chest Pain Conception Questionnaire

John R. Blakeman, PhD, RN, PCCN-K



Dr. John R. Blakeman with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

Mathy Mezey Excellence in Aging Award

Award sponsored by Rory Meyers College of Nursing, New York University

Niloufar Hadidi, PhD, APRN, ACNS-BC, FAHA



Dr. Niloufar Hadidi with Dr. Nancy Pike

Martha N. Hill Early Career Investigator Award

Award sponsored by Johns Hopkins University School of Nursing and Emory University's Nell Hodgson Woodruff School of Nursing

Zequan Wang, PhD, RN

JungHee Kang, PhD, RN—Winner

Oluwabunmi Ogungbe, PhD, RN



(from left to right) Dr. Lorraine Evangelista, Dr. Zequan Wang, JungHee Kang (winner), Oluwabunmi Ogungbe and Dr. Nancy Pike

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Marie Cowan Promising Early Career Investigator Award

Quin Denfeld, PhD, RN, FAHA



Dr. Quin Denfeld with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

Research Article of the Year Award

Award sponsored by Journal of Cardiovascular Nursing

An Annotated Ventricular Tachycardia (VT) Alarm Database: Toward a Uniform Standard for Optimizing Automated VT Identification in Hospitalized Patients

Michelle M. Pelter, PhD, RN



Dr. Michelle M. Pelter with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

Clinical Practice Award

Award sponsored by PCNA

Nancy Rudd, MS, RN, CPNP-AC/PC, FAHA



Nancy Rudd with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

CVSN Best Abstract Award

Sex Differences in Relationships Between Inflammation and Symptoms in Persons with Heart Failure

Brittany Butts, PhD, RN, FAHA



Dr. Brittany Butts with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

Stroke Article of the Year Award

Award sponsored by AHA Stroke Council
Translation of Nurse-Initiated Protocols to Manage Fever, Hyperglycemia and Swallowing Following Stroke Across Europe (QASC Europe): A Pre- / Post-Test Implementation Study.

Sandy Middleton, PhD, RN, FACN



Dr. Sandy Middleton with Dr. Lorraine Evangelista (left) and Dr. Nancy Pike

CVSN Early Career Investigator Travel Grant

Monica M. Godden, PhD(c), MSN-Ed, RN
Christopher Herring
Hiroko Higa
Sunita Pokhrel Bhattarai, RN, MN
Ashmita Thapa

CVSN Educational Fund Travel Grant

Chiao-Hsin Teng, MSN, RN

CVSN Underrepresented Racial and Ethnic Groups Travel Grant

Faith Elise Metlock, RN

Fellows in the American Heart Association 2023

Fellows are listed as shown in the photo, from left to right.

Kavita Radhakrishna, PhD, BSN, FAHA

Stacy Perrin, PhD, RN, ACNS-BC, CCRN, SCRn, FAHA

Amy Jo Lisanti, PhD, RN, CCNS, FAHA

Kiffon Keigher, DNP, RN, FAHA

Shelli Feder, PhD, FNP-C, ACHPN, FPCN, FAHA

Tsueyyuan Huang, PhD, RN, FAAN, FAHA

Lenette Jones, PhD, RN, FAHA

Julie Bidwell, PhD, RN, FAHA

Windy Alonso, PhD, RN, FAHA



FAHA Awardees

CVSN Initiatives for AHA 2024 “Each One, Reach One” Membership Campaign

The membership committee, chaired by Leonie Rose-Bovino, PhD, APRN, AGACNP-BC, FAHA, developed two exciting initiatives to support the AHA’s mission to recruit new members in the “Each One, Reach One” initiative.

First, a “Welcome to CVSN” video showcased diverse CVSN leaders and members through brief interviews highlighting responses to questions: “Why do you volunteer?”, “Why do you work in cardiovascular and stroke nursing?” and “What do you enjoy most about Scientific Sessions?” The

interviews were recorded via Zoom and facilitated by PhD student Ashwag Alhabodal, Dr. Rose-Bovino and Windy Alonso, PhD, RN, FAHA. Part of the nominating committee’s work over the past few years was to encourage student membership on committees where appropriate, and Ashwag represents that initiative to foster new early career members into CVSN. The video interviews were compiled and edited into a cohesive video, which was highlighted at the Council Dinner and will be posted on the CVSN website.

Second, the concept of a CVSN Council business card was designed and printed with a QR code that links the person to the Professional Heart Daily membership site. The back of the card has space for the card-giver to write their name and contact information. The membership committee will monitor new member activity from November onward as part of the “Each One, Reach One” 2024 membership campaign.

Congratulations to Dr. Rose-Bovino and the membership committee for their strong work on these initiatives. ■

Positive Impact of CVSN Travel Awards



Rhian M. Touyz
MBBCh, PhD, FAHA

As a PhD nursing student with a deep interest in cardiovascular research, presenting at AHA Scientific Sessions has long been a dream of mine. The CVSN

travel grant enabled me to realize this dream. This grant helped me cover essential daily expenses and the professional printing of my research poster. However, the grant did more than just fund my journey; it enhanced my confidence, allowing me to present to an international audience, connect with peers in my field and be recognized at the CVSN Awards Annual Business Meeting Dinner. Additionally, a CVSN Council member from the Early Career Nurse Navigator Program assisted me in navigating the sessions and introduced me to other nurse scientists. I had the opportunity to meet and learn from distinguished scholars, enhancing my understanding of nursing research. Overall, I am deeply grateful for the CVSN travel grant and the Council’s willingness to extend this opportunity to students like me. ■

Early Career Corner

CVSN hosted several early career sessions during the 2023 Scientific Sessions.

On November 10th, Cheryl Himmelfarb, PhD, RN, FPCNA, FAHA, FAAN, was honored with the Kathleen A. Dracup Distinguished Lecture in Exemplary Career Mentoring. Dr. Himmelfarb discussed the significance of mentorship and collaborative teamwork. After the lecture, a session titled “Nurse Scientists Leading Interdisciplinary Teams: Best Practices for Conducting Team Science” featured a distinguished panel drawing from bioinformatics, precision health, data science, caregiving and health disparities. Speakers included Gayenell Magwood, PhD, RN, FAHA, FAAN; Jada Brooks, PhD, MPSH, RN, FAAN; and Marva Foster, PhD, RN.

Two educational sessions followed later in the day titled:

(1) “The Voice Within: Knowing the Care Partners of People with Cardiovascular Disease and Stroke,” with speakers Michael Stawnychy, PhD, CRNP; Donna Fitzsimons, PhD, RN; Debra Moser, PhD, RN, FAHA, FAAN; Lucinda Graven, PhD, APRN, FAHA, FAAN; Julie Bidwell, PhD, RN; Martha Abshire, PhD, RN; and Gianluca Pucciarelli, PhD, RN.

(2) “Social and Structural Determinants of Cardiovascular Health in Nursing Science,” with speakers Latesha Harris, BSN, RN; Forgive Avorgbedor, PhD, RN; Jewel Scott, PhD, RN, FNP-C; and Telisa Spikes, PhD, RN.

On November 11, Nancy Redeker, PhD, RN, FAHA, FAAN, was honored with the Katharine Lembright Award. Dr. Redeker shared her valuable insights with the lecture on “Insomnia in Heart Failure: Evolution of a Program of Research.” The Martha N. Hill New Investigator Award session commenced afterward. The winner was JungHee Kang, PhD, RN, who presented her research on “Diet Quality Mediates the Relationship Between Chronic Stress and Inflammation in Patients With Metabolic Syndrome.” Finalists Oluwabunmi Ogungbe, PhD, RN, presented her research on “Elevated Biomarkers of Subclinical Myocardial Injury and Inflammation Among Community-dwelling Adults With COVID-19,” and finalist Zequan Wang, PhD, RN, presented “Factors That Predict Longitudinal Transition of Symptom Cluster Profiles in Heart Failure.”

Update to the Fall Connections Issue





Congratulations to Kelly Wierenga, PhD, RN, FAHA, FAAN, who was inducted as a Fellow in the American Academy of Nursing in 2023. Her name was an unintentional oversight from our list of inductees published in the Fall *Connections* issue.

I wish you all a happy and healthy holiday season and look forward to seeing those attending the Stroke Nursing Symposium 2024 in Phoenix, Arizona, and Scientific Sessions 2024 in Chicago, Illinois. ■



AHA|ASA SCIENTIFIC EVENT SCHEDULE

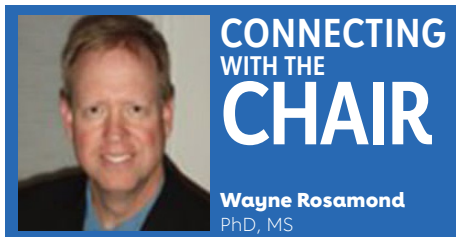
2024

-  **International Stroke Conference (ISC)**
February 7 – 9, 2024, Phoenix, AZ
-  **EPI|Lifestyle Scientific Sessions**
March 18 – 21, 2024, Chicago, IL
-  **Vascular Discovery**
May 15 – 18, 2024, Chicago, IL
-  **Basic Cardiovascular Sciences (BCVS) Scientific Sessions**
July 22 – 25, 2024, Chicago, IL
-  **Hypertension Scientific Sessions**
September 5 – 8, 2024, Chicago, IL
-  **Resuscitation Science Symposium (ReSS)**
November 16 – 17, 2024, Chicago, IL
-  **Scientific Sessions**
November 16 – 18, 2024, Chicago, IL



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Working Together, Making Progress



Greetings. As always, the Council on Epidemiology and Prevention celebrates all the hard work and accomplishments of its membership while looking forward to what comes next. We continue to build on our strong history of being a positive force for cardiovascular health and well-being to solve new challenges and embrace new opportunities. I would like to highlight just a few things going on in our Council.

First, I want to congratulate the Council award winners from AHA Scientific Sessions this fall. Congratulations to Michelle A. Albert, MD, MPH, FACC, FAHA, Immediate past President of the AHA, on being named the Epidemiology and Prevention Council's Distinguished Achievement Award winner for 2023. Thanks for all you have done for the AHA and for representing our Council with your leadership. A big shout-out goes to George Howard, PhD FAHA, for giving the Ancel Keys Memorial Lecture. Dr. Howard is an Emeritus Distinguished Professor of Biostatistics at the University of Alabama Birmingham and a long-standing member of our Council. His expertise in biostatistics and leadership in many landmark cardiovascular epidemiologic studies have been an enormous asset. Congratulations also to the early career investigators named as finalists of the Elizabeth Barrett-Connor Research Award for Early Career Investigators. They were Andrew O. Agbaje, MD, MPH; Arunashis Sau, MBBS, PgCert, MRCP; Sarah Margaret Urbut, MD, PhD; Rosangela Hoshi, PhD. Evangelos K. Oikonomou, MD, PhD was this year's winner of the Elizabeth Barrett-Connor Research Award for Early Career Investigators. Also, I want to recognize Darae Ko, MD, MSc, FAHA, and Heidi T. May, PhD, MSPH, FAHA, for being selected as Fellows of the American Heart Association (FAHA) at Scientific Sessions.

Also, of note at Scientific Session were several different presentations

related to the new AHA definition of cardiovascular health (Life's Essential 8™) published in *Circulation* under the leadership of several members of our Council. It's the update to Life's Simple 7 published in 2010. The revised definition of cardiovascular health includes sleep as a new element.

Looking forward, we are excited about the upcoming EPI|Lifestyle Scientific Sessions annual meeting in the spring. The theme is "What's Money Got to Do with It: Policy, Economics and Cardiovascular Health." The conference will be held March 18-21, 2024, at the Hilton Chicago in Chicago, Illinois. Keynote speakers will include Karen Maddox, MD, MPH, from Washington University in St. Louis, co-director of the Center for Advancing Health Services, Policy and Economics; Dhruv Kazi, MD, MSc, MS, Section Head of Health Economics at Beth Israel Deaconess Medical Center; and Alice Lichtenstein, D.Sc., Director of the Cardiovascular Nutrition Team at Human Nutrition Research Center on Aging at Tufts University.

Highlights of the event include:

- Oral, poster and moderated poster abstract sessions
- Inspiring opening keynote lectures
- The Annual ASPC Debate (organized with the American Society of Preventive Cardiology)
- Networking roundtable sessions
- The Jeremiah and Rose Stamler Research Award Finalist session
- AHA scientific update session
- Award lectures
- Collaborative session with the Society of Behavioral Medicine

A favorite tradition of the EPI|Lifestyle meeting is the APSC debate. This year promises a lively exchange of science, ideas and opinions. The topic is "Obesity First Line Therapy: Pharmacotherapy versus Lifestyle Medicine."

Many thanks to the Co-chairs of the Program Committee, Alvaro Alonso, MD, PhD, FAHA from Emory University, and Monica Serra PhD, RD from University of Texas Health, San Antonio, and the rest of the Program Committee for organizing this event. We look forward to seeing you all in Chicago.

Among the many topics discussed within the Leadership Committee recently and in other corners of the Council are the challenges and opportunities we face moving forward. These include finding better ways to objectively measure lifestyle factors so that we can study how these can support new therapies for obesity and diabetes; identifying better ways to implement and disseminate proven therapies and prevention strategies; taking advantage of new initiatives like the newly formed Implementation Science subcommittee (Chaired by Dr. Sonia Angell), charged to explore, monitor and provide the latest updates in gaps in between cardiovascular and brain health research and clinical practice and the critical strategies needed to address the gaps in equitable ways; understand and guide the use of artificial intelligence (AI) as a tool to improve cardiovascular health, brain health, and well-being in our communities; and always look to find new ways to engage with our early career colleagues, grow membership in strategic ways, and seize new opportunities to invest in the future and intellectual capital of the council and its mission.

I continue to be honored to serve as Chair of our Council. This is an exciting time in the world of epidemiology; there is much to do and new places to go. I am pleased to join you on the journey ahead. I look forward to continuing our work together so that the Council will remain a positive force for growth and well-being in our communities. ■

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GPM Celebrates Many Awards and Accomplishments at Sessions 2023



My congratulations and personal thanks to our representatives on the Program Committee for a wonderful set of Genomics and Precision medicine-focused sessions: Jane Ferguson, Susan Cheng, Andrew Landstrom, Ferhaan Ahmad, Stephen Chan and Pradeep Natarajan. I do have a slightly more than semantic quibble not with our representatives, but with overall programming: Genomics is pigeon-holed in Basic Science, and it was abundantly evident from the sessions that we span everything from very basic discovery through clinical application and population science.

We celebrated multiple awards and accomplishments at our annual reception on Saturday evening at Sessions. Connie Bezzina, PhD received our Medal of Honor; Susan Cheng, MD, MPH, received our Mentoring Award; and Nate Stitzel, MD, PhD received the GPM and Epi Mid-Career Research Award, and gave a wonderful lecture Monday morning. Patrick Ellinor, MD, PhD, was honored as a Distinguished Scientist. We recognized five new FAHAs from our Council: Matthew Nayor, MD, MPH, FAHA; Jessica Fetterman, PhD, FAHA; Derek Klarin, MD, FAHA; Olu Kayode-Kuku, MD, FAHA; and Michael Rosenberg, MD, FAHA.

Travel awards went to Clayton Friedman, PhD, Brett Heimlich, MD, PhD, Anne Marie Jensen, MD, Yimin Yang, MS, BS, David Agamasu, MD, Khaled Shelbaya, MD, MSc, and Jan Vincent Beltram

Our GPM Early Career Investigator Award Competition featured five superb talks from trainees and early-stage faculty on Saturday afternoon:

- Shaunak Adkar, MD, PhD: Dissecting the Genetic Architecture of Intracranial Aneurysms
- Matthew O'Neill, BS: ParSE-seq: A Calibrated Multiplexed Assay for

Clinical Interpretation of Putative Splice-Altering Variants

- James Pirruccello, MD: Deep Learning-Based GWAS of Aortic Valve Function Links 81 Loci to Aortic Stenosis Risk
- Joel Ramo, MD, PhD: The Cardiovascular Disease Associations and Genetic Determinants of Pericardial Adipose Tissue
- Lu-Chen Weng, PhD, MSc: The Genetic Basis of Atrial Fibrillation in a Large-Scale Multi-Ancestry Sample

As in previous years, I was struck by what a difficult job the judges have deciding on a winner, and this year they chose Matthew O'Neill. ■



Patrick Ellinor and Dan Roden



Early Career Investigator Award finalists

Fellow of the American Heart Association (FAHA)

Fall 2024 Cycle Opens – February 2024

Fall 2024 Submission Deadline - July 10, 2024

<https://professional.heart.org/en/partners/fellow-of-aha>

Hypertension Scientific Sessions a Resounding Success



CONNECTING
WITH THE
CHAIR

R. Ariel Gomez
MD, FAHA

The 2023 Hypertension Scientific Sessions: The 2023 Hypertension Scientific Sessions were held in Boston, Massachusetts, in early September. The Conference was a resounding success with clinical, population and basic investigators commenting on the strong programming and meeting the common goals: making new discoveries, training our students and postdocs, enhancing the career development of early career researchers and colleagues from historically marginalized communities (HMCs), and improving the management of our patients to eliminate cardiovascular and renal disease. As usual, Hypertension Scientific Sessions represented a vibrant collaboration between the Council on Hypertension (COH) and the Kidney in Cardiovascular Disease (KCVD) Council. We offered a streamlined program over three days featuring advances in basic, clinical and population science, as well as clinical practice (primary care), with as many oral abstracts programmed as possible.

Sessions Demographics: The 2023 Hypertension Scientific Sessions was attended by 834 participants from 33 countries, surpassing even our 2019 (pre-COVID) attendance of 806! The number of international attendees also increased compared with 2022, with 20% of the total attendees from

Table 1: Hypertension Scientific Sessions 2023 Attendance (Total 834)

Member/Non-member	Count	Percentage
Member	535	53
Non-member	135	47
Total	670	80
Domestic/International		
Member	105	66
Non-member	54	34
Total	159	20



Figure 1: Dr. Capecchi after the lunch session with junior investigators and Council chairs.

33 countries, including South America, Canada, Europe, Africa, the Middle East, Asia, Australia/New Zealand and the Philippines. Members of the COH/KCVD totaled 53% of U.S. attendees and 66% from outside the U.S. (Table 1). On the primary occupation of 2023 attendees, 53% were scientists, 16% physicians-scientists and 13% physicians.

Of those attending, 33% were early career researchers and students (<7 years of experience); 47% of attendees were women; 436 abstracts were submitted; there were 145 speakers/moderators< of whom 53% were women and 21% were from HMCs.

In the post-meeting survey, 92% of participants stated high over-all satisfaction with the meeting; 99% thought the presentations were scientifically rigorous and clinical content was evidence based; 90%

stated they are likely to attend this event again in 2024; and 91% are likely to recommend the meeting to a colleague.

The Trainee Advocacy Committee programming of six oral abstract sessions with a total of 42 presentations was well-received. The TAC poster session had 137 poster presentations and 20 awards were provided. Our Nobel Laureate Lecturer this year was Mario R. Capecchi, PhD (Distinguished Professor of Human Genetics and Biology, University of Utah), who won the Nobel Prize in Physiology or Medicine in 2007 for his work in developing genetically modified mice models of human disease. As you can see in Figure 1, Dr. Capecchi offered a lively Career Development session that was very well-attended and where trainees and early career scientists could ask questions in an informal setting.

We ♥ Our Members!

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One of the most exciting aspects of the Hypertension Scientific Sessions are the lectures and presentation of awards to top hypertension researchers. Of these 10 top award lectures, five were given by women (Table 2). We were particularly pleased that the highest honor given to hypertension researchers, the Excellence in Hypertension Research Award, went to Dr. Lisa Cassis. She is one of only four female recipients of this award since its inception in 1966!

Table 2: Hypertension Scientific Sessions 2023 Award Lectures

Award	Awardee	Affiliation
Excellence in Hypertension Research	Lisa A. Cassis, PhD, RPh	University of Kentucky
Arthur C. Corcoran Memorial Lecture	Kamal Rahmouni, PhD, FAHA	University of Iowa
Lewis K. Dahl Memorial Lecture	Eric D. Lazartigues, PhD, FAHA	Louisiana State University
Harriett Dustan Award	Anne-Monique Nuyt, MD, FAHA	University of Montreal
Donald Seldin Lecture	Daniel C. Battle, MD, FAHA	Northwestern University
KCVD Mid-career Award for Research Excellence	Oleg Palygin, PhD, FAHA	Medical University of South Carolina
COH Mid-career Award for Research Excellence	Cyndya A. Shibo, MD, MSCI, FAHA	Vanderbilt University
Harry Goldblatt Award for Early Career Investigators	Jessica Faulkner, PhD	Augusta University
KCVD Distinguished Achievement Award	Susan M. Wall, MD	Emory University
COH Distinguished Achievement Award	Christopher Wilcox, MD, PhD, FAHA	Georgetown University

The Council on Hypertension is excited to share the slate of newly elected Fellows of the American Heart Association (FAHA) (Table 3). Two of the new FAHAs were Rising Star Investigators who gave presentations during the sessions (Drs. Cohen and Wu), and Dr. Faulkner was the Goldblatt Award Lecturer. Congratulations to all! ■

Table 3: New Council on Hypertension Fellows of the American Heart Association (FAHA)

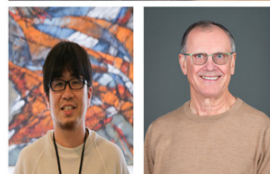
Name	Affiliation
Matthew Alexander, PhD	Vanderbilt University
Thiago Bruder-Nascimento, PhD	University of Pittsburg
Adam J. Case, BS	Texas A&M University
Jennifer L. Cluett, MD	Beth Israel Deaconess Medical Center
Ajay Sharma, MD	London Health Science Centre
Olethia Chisolm, MD	Kelsey Research Foundation
Jordana Cohen, MD, MSCE	University of Pennsylvania
Jessica L. Faulkner, PhD	Augusta University
Steven Smith, PharmD, MPH	University of Florida
Jing (Jason) Wu, PhD	University of Rochester

2023 Best of Hypertension Awards

Basic Science Category



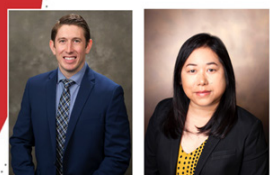
Jing Li and Yu He, et al
Myeloid Piezo1 Deletion Protects Renal Fibrosis by Restraining Macrophage Infiltration and Activation



Yujiro Maeoka and David Ellison, et al
Mineralocorticoid Receptor Antagonists Cause Natriuresis in the Absence of Aldosterone

2023 Best of Hypertension Awards

Clinical Science Category



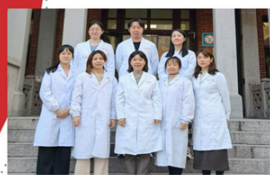
Cyndya A Shibo and Nicholas C Breier, et al
Worsening Postural Tachycardia Syndrome Is Associated With Increased Glucose-Dependent Insulinotropic Polypeptide Secretion



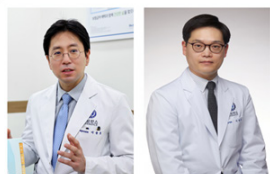
Laura A Magee and Jeffrey N Bone, et al
Oral Antihypertensives for Nonsevere Pregnancy Hypertension: Systematic Review, Network Meta- and Trial Sequential Analyses

2023 Best of Hypertension Awards

Population Science Category



Minjing Yang and E Wang, et al
Association of Nap Frequency With Hypertension or Ischemic Stroke Supported by Prospective Cohort Data and Mendelian Randomization in Predominantly Middle-Aged European Subjects



Chan Joo Lee and Yong-ho Lee, et al
Blood Pressure Levels and Risks of Dementia: a Nationwide Study of 4.5 Million People

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Message from the Trainee Advocacy Committee (TAC)

The Council on Hypertension trainees and Trainee Advocacy Committee (TAC) were enthusiastic and well-represented at the meeting in Boston. The TAC had five major activities programmed, including the TAC-organized and -moderated oral abstract sessions, the TAC poster competition, the Council on Hypertension Advisory and Mentoring Program (CHAMP) luncheon, the TAC mixer and the

Stephanie Watts Career Development Award, sponsored by Data Sciences International (DSI). Thanks to Drs. Ariel Gomez, Janie Reckelhoff, Curt Sigmund and DSI for their support, and we look forward to their continued programming in Chicago in 2024. Also, I would like to thank TAC Chair-elect Dr. Monica Santisteban and past-Chair Dr. Brandi Wynne for their organizational assistance.

The winner of the Stephanie Watts Career Development Award this year was Dr. Patricio Araos from Universidad Autónoma de Chile. Patricio's application was entitled "Role of Renal Antigen Presenting Cells in Hypertension" and he gave a compelling three-minute pitch as to why the DSI system would assist his nascent research program. Therefore, Patricio is the focus of this month's Early-Career Spotlight. ■

Hypertension Early-Career Spotlight: Dr. Patricio Araos

Congratulations, Patricio, on winning this competitive prize. Could you please start by telling us your current position and the focus of your research program?

Earlier this year, I started as an assistant professor at the Universidad Autónoma de Chile and Head of the Hypertension and Kidney Immunology Lab. Our interests are to describe the participation of renal antigen presenting cells in arterial hypertension.

How did you get into science?

It all started during my interest in chemistry during high school, which led me to study biochemistry at the University. However, my interest in biomedical sciences materialized when I developed my undergraduate thesis, addressing the effect of diuretics in non-classical pathways during hypertension. After that, I never moved away from hypertension.

What are your scientific aspirations? What advice would you give your younger self?

I would like to lead new scientists in hypertension and actively contribute to the development of frontier science from South America. I would probably advise myself to visualize the future with more maturity; this would have helped me to speed up some learning curves that took a little longer than expected.

How will you use the prize you won? Do you have any "must

do" experiments when you first get your hands on the equipment?

The DSI telemetry system is indispensable for continuous measurements, so this system will undoubtedly help us to visualize how the blood pressure changes during the 24 hours after our experimental manipulations. As soon as the equipment arrives, we should perform some adoptive immune cell transfer experiments, which will probably be requested by the reviewers of the article we are currently writing.

What advice would you give future applicants of the Stephanie Watts CDA?

They need a strong scientific justification for why they need a telemetry system.

Aside from winning the Stephanie Watts CDA, how has the AHA and Council on Hypertension impacted your career?

Since I started in hypertension research, the AHA, journals, scientific



Dr. Patricio Araos at Hypertension 2023

meetings and councils have been challenges and motivations for me, both to publish better, to attend high impact congresses in our area, as well as to interact with scientists who develop frontier research. I have had the opportunity to share with different members of the Council on Hypertension, and with some of them, I will have the opportunity to collaborate actively in the near future. ■

Message from the Chair of the Membership Committee



Brett Mitchell
PhD

Please help spread the word about the benefits of becoming a member of the Council on Hypertension. Benefits include:

- Discounted publication charges for accepted articles in JAHA
- Savings on registration for the annual Hypertension Scientific Sessions and other AHA Meetings/Conferences
- Complimentary or discounted courses through the Lifelong Learning Center
- Notification of research funding opportunities and waiver of grant application fee
- Access to all 11 AHA/ASA scientific journals online

You are also encouraged to apply for Fellowship status in the American Heart Association (FAHA), which recognizes an individual's outstanding contributions in basic, clinical or epidemiological hypertension research and their volunteer leadership and service to the American Heart Association. Please see the information regarding the nomination process on the Council on Hypertension website under Fellowship [here](#). Contact me at brettmitchell@tamu.edu if you have any questions. I would be happy to help you with the process. We look forward to seeing your application! ■

DID YOU KNOW?

AHA Professional Members have full access to all 13 AHA Journals. [Learn more.](#)

Message From the Editor and Chair of the Communications Committee

Thanks very much for your dedication and support for the Council on Hypertension. To get more involved, visit professional.heart.org and complete the Science Volunteer Form linked on your dashboard or by visiting professional.heart.org/volunteerform. Other opportunities include participation in the AHA Go Red for Women campaign and the Heart Walk. Please follow [@CouncilonHTN](https://twitter.com/CouncilonHTN) on Twitter (X) to stay connected and informed about our Council.

The *Hypertension* Editors are delighted to share this update of activities over the past few months.

#HypEdSeries of Webinars

Hypertension is excited to continue our newest educational programming hosted by our Education Section Editors in conjunction with the Hypertension SCILL (Scientific and Clinical Education Lifelong Learning) Committee. *Hypertension's* Education Section Editors are working closely with the Hypertension Council SCILL Committee to share educational material across the journal and Hypertension Council communities. To register, view and claim credit for our Webinars, please see [here](#). We look forward to hosting these regular, free, Zoom-based webinars throughout the year. Be sure to follow [#HypEdSeries](#) on Twitter (X): [@HyperAHA](https://twitter.com/HyperAHA) and Facebook: [@HypertensionAHA](https://facebook.com/HypertensionAHA) to stay up-to-date.

Early Career Assistant Program

We're also continuing our Early Career Assistant Program in 2024. We look forward to working with all applicants and potentially seeing them at HTN 2024. For more information, see [here](#).

Clinical-Pathological Conferences Cases

Hypertension continues to host regular CPC sessions at hypertension-related conferences such as ISH, ESH and Hypertension Scientific Sessions. We are looking forward to hosting another virtual CPC session during the 2024 Joint Meeting of the European Society of Hypertension and the International Society of Hypertension. Please join us! And as always, if you have an interesting case you would like to present, see the instructions on submitting your CPC proposal [here](#).

Best of Hypertension Awards

Join us in congratulating the awardees of the 2022 *Hypertension* Top Papers. The awards reflect the top papers that were published in *Hypertension* in 2021 in each category: Basic, Clinical and Population Science. The awards were presented virtually during the 2023 Hypertension Editorial Board Member Reception on December 11. ■



Annet Kirabo
DVM, MSc, PhD, FAHA

CATCH UP WITH CONNECTIONS

To view previous issues or just Scientific Council sections, log in [here](#).

KCVD is Active at Kidney Week and Scientific Sessions



The Council on the Kidney in Cardiovascular Disease (KCVD) has been deeply involved in Kidney Week, as well as Scientific Sessions, this fall! The Council awarded the ASN/AHA Donald W. Seldin Young Investigator Award to Dr. Benjamin Freedman, PhD, associate professor, University of Washington, for his important work developing techniques to differentiate human pluripotent stem cells into kidney organoids. At the Young Investigator Symposium, held in Philadelphia concurrent with Kidney Week, Susan Quaggin, MD, past president of the ASN and chair, Department of Medicine, Northwestern University, gave a keynote talk that eloquently described her formative experiences as a physician-scientist, titled "From Potassium and Podocytes to Policy." She represents the best of the nephrology community with her vast repertoire of skillsets that align with her keynote title impeccably. Her outstanding leadership of the ASN has been in the context of landmark progress in science, policy and advocacy that will reframe the future of nephrology. Early career scientists Hannah Costello, PhD and Dr. Sian Piret, PhD presented engaging talks — Dr. Costello on circadian rhythm disruption and impact on blood pressure/kidney function, and Dr. Piret on the role of branched chain amino acids catabolism in kidney injury.

The release of the AHA's Cardiovascular-Kidney-Metabolic Health (CKMH) Presidential Advisory and Scientific Synopsis papers represented more than a year's work in gathering the collective expertise of experts across cardiology, nephrology, endocrinology, internal medicine, neurology, as well as experts in social determinants of health, epidemiologists, statisticians, pediatricians, pediatric cardiology

and clinical pharmacists. They worked to define CKM syndrome, its staging screening, prevention, and management.

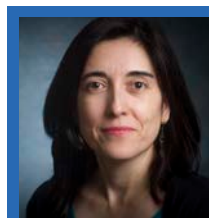
It was an absolute honor for me to co-chair this work along with Chiadi Ndumele, MD, PhD and Sheryl Chow, PharmD. This work highlighted the close intertwining of the biological aspects of CKM syndrome with social determinants of health, in the context of a fragmented health care system, and called for a population-level implementation of a multidisciplinary approach for holistic and equitable care. It was featured across several symposia at Kidney Week, notably, in a plenary talk by Glenn Chertow, MD, MPH.

The CKMH initiative also unveiled a novel cardiovascular disease (CVD) risk calculator, PREVENT, at Scientific Sessions. Drs. Sadiya Khan, MD, MS, and Joseph Coresh, PhD led the work for the CKMH project. Innovations with this new calculator include extending the age limits to as young as 30; providing 10- and 30-year CVD risk assessment; excluding race as a coefficient; sex specificity; adding heart failure as an outcome of interest in total CVD risk assessment; and incorporating kidney function in CVD risk assessment. Thus, the PREVENT calculator allows for total CVD risk assessment in the context of an individual with CKM syndrome in Stages 1-3, and offers an opportunity to integrate this quantitative assessment into the staging construct and implement strategies to reduce excess CVD risk. This work represents a landmark in representing kidney function as a powerful risk enhancer for CVD risk, and reinforces the need for screening for kidney disease, especially albuminuria, to identify and mitigate CVD risk. Several other symposia represented various facets of the CKMH project at Sessions, and it was truly inspiring and gratifying to see the huge engagement and interest from the audiences!

As we look to the future, we hope that the dynamic advancements in the field of cardio-nephrology will continue to rejuvenate the Council

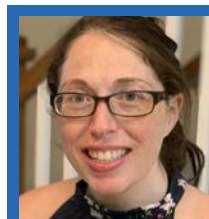
membership, whose support and volunteer work enable the impressive scientific output we showcase. If you have interest in being part of any of the several organization committees within the Council, please let us know. We look forward to welcoming new members with diverse backgrounds and an interest in the cardio-kidney space, especially trainees and early career colleagues.

Three of the four Rising Star investigators who were recognized at Scientific Sessions were members of the Council on the Kidney in Cardiovascular Disease. We wanted to celebrate their success and bright future, as well as get to know them better, with a questionnaire, prepared by Dr. Carmen De Miguel, chair of the KCVD Communications Committee. Congratulations, all! We cannot wait to see the impact you make in the cardio-renal field in the years to come.



Carmen De Miguel
PhD, MS, FAHA

Jordana Cohen, MD, MSCE, FAHA
Associate Professor of Medicine and Epidemiology, Perelman School of Medicine, University of Pennsylvania



Jordana Cohen
MD, MSCE, FAHA

Dr. Cohen's research has two main goals: 1) To examine physiology-driven pharmacologic effects of antihypertensive medications in complex and high-risk disease states, including chronic kidney disease; and 2) to seek novel strategies to improve blood pressure measurement and mitigate target organ effects of hypertension. Dr. Cohen is the chair of the AHA's Hypertension and KCVD Science Committee, as well as co-chair of the Chronic Renal Insufficiency Cohort Blood Pressure Working Group and the American Medical Association

(AMA)'s Blood Pressure Validated Device Listing.

What does being recognized as a Rising Star by the AHA mean to you?

This is a huge honor to me. I've been grateful to have the opportunity to pursue several of my dream research projects since completing my nephrology fellowship and am elated that this work was recognized and deemed of interest for this amazing set of talks.

How has being a member of the AHA and Kidney in Cardiovascular Disease Council helped your career?

This has provided me with a community with which I feel I most closely identify and with unparalleled networking opportunities.

What drove you to the cardio-renal research field?

As a nephrologist in training, I was most engaged by cardio-renal and hypertension pathophysiology and by the very palpable impact of difficult-to-control hypertension and cardiovascular disease on our patients.

What has been the best piece of advice that a mentor or collaborator has given you?

Dr. Ray Townsend introduced me to the importance of always making sure that the blood pressure device is valid and that the measurements are performed to the highest standard. He pointed out the frequency with which this is ignored, and how big of an impact that can have on interpreting blood pressure. I'll take that with me through the rest of my career.

When not working, what is your favorite way of relaxing?

Rock climbing.

Gal Finer, MD, PhD

Assistant Professor of Pediatrics (Nephrology), Feinberg School of Medicine, Northwestern University



Gal Finer
MD, PhD

Dr. Finer's research investigates how disruptions in kidney development lead to congenital anomalies.

What does being recognized as a Rising Star by the AHA mean to you?

This was a great opportunity to present my work to a broad audience, to receive helpful feedback and to think about collaborations.

How has being a member of the AHA and Kidney in Cardiovascular Disease Council helped your career?

I appreciate the Council's commitment to early-stage investigators through funding and exposure.

What drove you to the cardio-renal research field?

I am a pediatric nephrologist — our patients are my driving force!

What has been the best piece of advice that a mentor or collaborator has given you?

I was touched by the encouragement and helpful advice from leader mentors in the Council. It's inspiring. In addition to specific suggestions, they just motivated me to keep going.

When not working, what is your favorite way of relaxing?

Very little time for that, but I'm grateful for a close circle of friends, enjoy cooking and the outdoors.

Jing Wu, PhD, FAHA

Assistant Professor of Medicine, Pharmacology and Physiology, University of Rochester Medical Center



Jing Wu
PhD, FAHA

Dr. Wu studies mechanisms regulating inflammation and tissue remodeling in renal-cardiovascular health and disease. Specifically, research in his laboratory emphasizes adaptive immunity, hemodynamics and gene-environment interactions in hypertension and chronic kidney disease. His ultimate career goal is to apply his group's findings to translational research that may help develop novel therapies for cardiovascular and kidney diseases.

What does being recognized as a Rising Star by the AHA mean to you?

This is a huge honor for me and my lab at the University of Rochester. I used my Rising Star lecture to highlight a new focus in Hemodynamic and Immune Mechanisms of Chronic

Kidney Disease, which is related but distinct from my pre- and post-doctoral research.

How has being a member of the AHA and Kidney in Cardiovascular Disease Council helped your career?

Tremendously! The best thing about being a KCVD member is a sense of belonging. Like many of my peers, I was a KCVD council member since graduate school, so I grew up in the Council. In KCVD, I have made lots of friends, established collaborations and received valuable advice on science and life. KCVD has shaped my career.

What drove you to the cardio-renal research field?

It is natural for me. My pre-doctoral training in vascular inflammation/remodeling and postdoctoral training in renal hemodynamics led me to the vascular-immune interface in hypertension and chronic kidney disease.

What has been the best piece of advice that a mentor or collaborator has given you?

My past and present mentors have one thing in common: They all ask fundamentally important questions. In answering these questions, they can change the world. This is the best piece of advice to me: Go change the world!

When not working, what is your favorite way of relaxing?

Playing pool and basketball, traveling with family and gardening. ■

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Outstanding Programming and Face-to-Face Networking Reenergizes Council



We were so pleased to see everyone in Philadelphia for the annual American Heart Association's Scientific Sessions conference. The Young Hearts (YH) Council orchestrated a series of engaging events to foster collaboration, recognize achievements and promote scientific excellence within our Council.

In July 2021, our Council started reorganizing. We identified several key priorities: more content for AHA sessions, increased funding opportunities for the pediatric and CHD community, and improved collaboration between councils. We are pleased to have accomplished these goals, with 2023 marking the highest number of sessions for our Council. We had additional sessions at a pre-symposium Friday, November 10, as well as numerous sessions featuring early and mid-career faculty and senior scientists presenting their cutting-edge work.

We would like to thank our Committee on Scientific Session Program (CSSP)



Suzanne Roske and Dr. John

Chair, Dr. Sara Pasquali, for her years of dedication in leading the Scientific Sessions Planning Committee. Dr. Andrew Glatz, MD, MSc will assume the Chair for 2023-25. We'd also like to thank Gregory Webster, MD, MPH, James Cnota, MD, MS Daphne Hsu, MD, Amy Sanyahumbi, MD, Carissa Baker-Smith, MD, MPH and Anitha John, MD, PhD, FAHA and Linda Lambert, MSN, FNP, for their hard work on the planning team.

The YH Council Early Career Luncheon was a standout event, drawing an impressive crowd eager to participate in networking opportunities that bridge the gap between emerging talents and seasoned leaders.

The YH Reception was attended by 140 people. Among the speakers, Suzanne Roske captivated the audience with her insights in presenting the William J. Rashkind Lecture.

The reception also honored those who have made exemplary contributions to the field. Dr. Meryl Cohen, MD, MEd, an outstanding professional in pediatric cardiology, received the YH Meritorious Achievement Award for her commitment and impact on the community.



Dr. Miyamoto, Dr. Sharkey, Dr. John

Dr. Angela Sharkey, MD a pioneer in pediatric cardiology from Wake Forest School of Medicine, delivered a captivating talk as the Alexander S. Nadas Memorial Lecture presenter. Dr. Sharkey's pioneering contributions to pediatric cardiology made her a fitting choice for this prestigious role, inspiring all attendees with her wealth of knowledge and dedication to the field.



Early Career Investigator Award: Dr. Junichi Saito, Dr. Xin Tao Ye, Dr. Antonio Cabrera, Dr. Lindsay Thomson, Dr. Paola Cota Phelan, Ms. Leonie Kurzlechner (Winner), Dr. Shelley Miyamoto



Ms. Leonie Kurzlechner and Dr. Antonio Cabrera

The YH Council presented the Outstanding Research Award in Pediatric Cardiology to three remarkable individuals. Drs. Kenta Hirani, Kurt Robert Schumacher and Yao Wu were honored for the highest-scoring abstracts in the Young Hearts abstract categories, each addressing critical issues in our field.

The evening continued with the Early Career Investigator Award and YH Abstract Travel Grants. These accolades underscored the commitment of the American Heart Association to fostering the next generation of researchers and clinicians in pediatric cardiology.

We celebrated the election of our new FAHA recipients:

Spring 2023 FAHAs

Justin Godown, MD, FAHA
Keiichi Hirono, MD, PhD, FAHA
Joshua Robinson, MD, FAHA
Liesl Zühlke, MPH, MSc, PhD, FAHA

Fall 2023 FAHAs

Michele Mietus-Snyder, MD, FAHA
Stephanie Nakano, MD, FAHA
Aaron Olson, MD, FAHA
Adam Ware, MD, FAHA

We have made tremendous progress with our other strategic goals. A collaboration between the AHA and Additional Ventures issued a targeted funding announcement for

the advancement of single ventricle heart disease. This adds to our existing partnerships with the Children's Heart Foundation and Enduring Hearts. We're also developing the first pediatric-focused AHA/ACC guidelines.

And the YH Council was recognized as No. 1 in scientific statements productivity. This is a huge accomplishment and we encourage Council members to reach out with ideas for more statements.

For the upcoming year, we will focus on maintaining our momentum while also addressing other areas of interest, such as mid-career mentorship and better representation in AHA leadership. ■

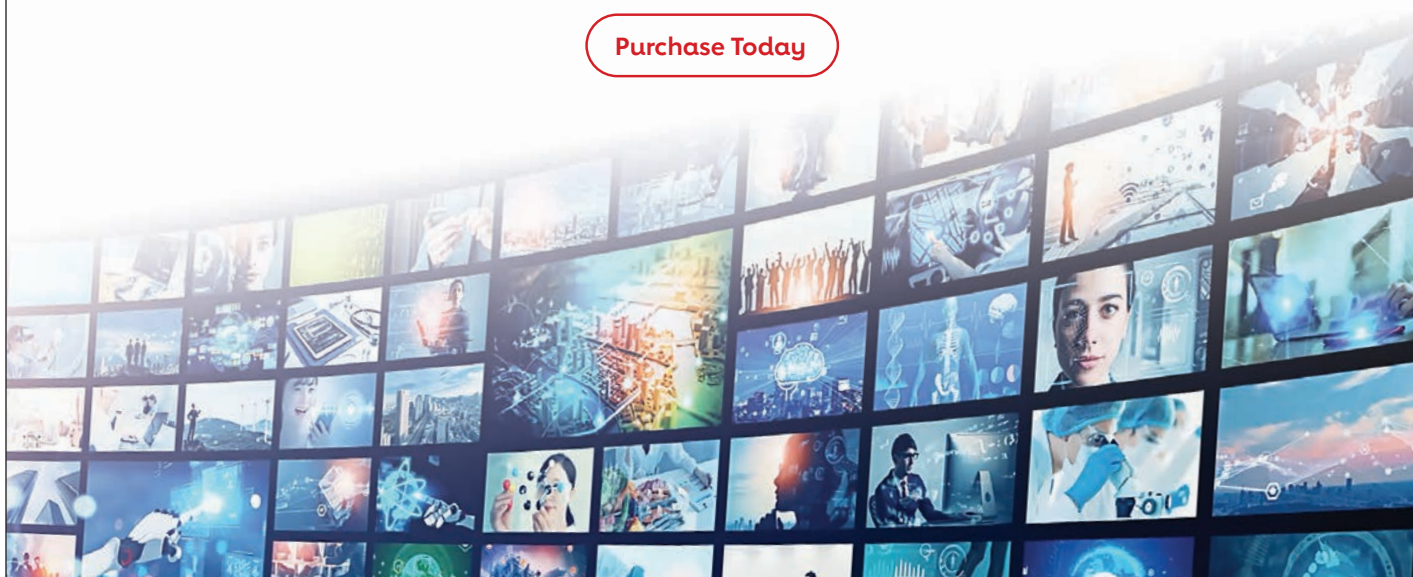


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Remembering Steven N. Blair, PED (1939-2023)



In October, the physical activity scientific community was devastated to learn Dr. Steven N. Blair had passed away. He was a pioneer in defining the health benefits of physical fitness and physical activity, particularly with respect to cardiometabolic diseases. He was a Distinguished Professor Emeritus in the Department of Exercise Science and Epidemiology and Biostatistics in the University of South Carolina's Arnold School of Public Health. He previously worked at the Dallas, Texas-based Cooper Institute, where he was president and CEO from 2002 to 2006. A 2005 New York Times article described Blair as "one of the nation's leading experts on the health benefits of exercise."



Dr. Steven N. Blair

Dr. Blair is credited with providing the scientific evidence for spreading the message that any exercise is better than none. Many of us remember one of his seminal publications on physical fitness and mortality, with a figure that clearly demonstrated the benefits of "getting out of the bottom category" (Blair et al., JAMA 1989) (Figure 1).

Dr. Blair's awards include the **American Heart Association's Population Science Research Prize**, awarded in 2008; the President's Council on Sports, Fitness, and Nutrition Lifetime Achievement Award; the Bloomberg Manulife Prize from McGill University, among many others. He was a fellow of the American Epidemiological Society, the American Heart Association, the American College of Sports Medicine, the National Academy of Kinesiology, the Society of Behavioral Medicine and the Obesity Society. He served as president of the American College of Sports Medicine, the American Academy of Kinesiology and Physical Education, and the National Coalition for Promoting Physical Activity.

Notwithstanding Dr. Blair's nearly 1,200 scientific publications, his true legacy are the students and colleagues he mentored throughout his career. To name a few, Leanna Ross, PhD (chair, Early Career Committee) and myself were mentored by Steve. **The Steven N. Blair Award for Excellence in Physical Activity Research**, awarded during the EPI|Lifestyle Spring Meeting, recognizes the most highly meritorious abstract in the field, stimulates excellence in physical activity research and provides evidence of his dedication to mentoring future scholars. He will be missed ■

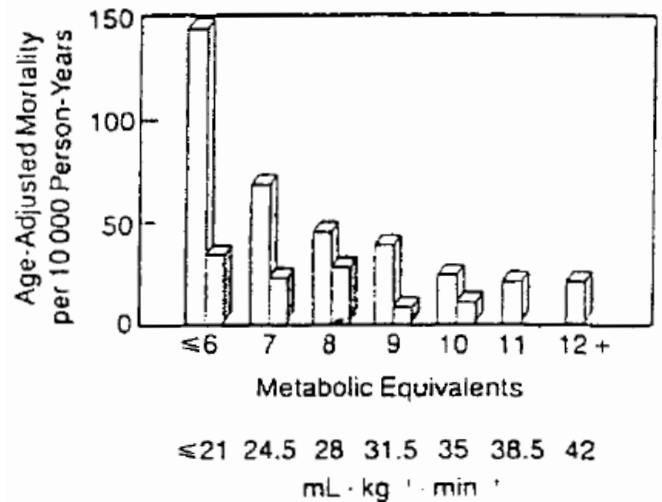


Figure 1—Age-adjusted, all-cause mortality rates per 10,000 person-years of follow-up by physical fitness categories in 3120 women and 10 224 men in the Aerobics Center Longitudinal Study. Physical fitness categories are expressed here as maximal metabolic equivalents (work metabolic rate/resting metabolic rate) achieved during the maximal treadmill exercise test. One metabolic equivalent equals 3.5 mL · kg⁻¹ · min⁻¹. The estimated maximal oxygen uptake for each category is shown also.



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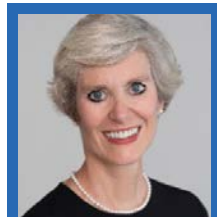
Esther S.H. Kim
MD, MPH, FAHA

The Council on Peripheral Vascular Disease brought an incredible surge of excitement to Scientific Sessions 2023, and as Chair, I am thrilled to witness the overwhelming support and significant attendance received from the PVD Council at the conference. Launching early career day, our FIT & Early Career Committee orchestrated two fantastic events, “Life Before and After Vascular Medicine Training” and “Environmental Factors in Peripheral Vascular Disease.” The Opening Ceremony was excited as we celebrated Jeffrey I. Weitz, OC, MD, FAHA, FRCPC, FACP, FRSC, FACC, FESC, FCAHS in becoming a 2023 AHA Distinguished Scientist. PVD Members gathered early to get a great seat to cheer him on! The next day, we hosted the Jay D. Coffman Award Competition, which showcased remarkable talks—in case you missed them, delve into the interviews below in the article which featuring each competitor. PVD members were also present and excited to cheer on Dr. Mary McDermott at the Presidential Session, in which she was bestowed with the achievement of winning the AHA Clinical Research Prize—an astounding honor that is extremely well-deserved.

Yet, one of the highlights of the conference for me was undoubtedly our PVD Council Dinner on Saturday night! We got to spotlight all of our award winners from the conference and play some trivia at the same time. With a full house, everyone vied for the coveted top table in our trivia competition. Laughter echoed, memories were shared, and camaraderie filled the air. I’m already counting down the days until we can do it all over again bigger and better next year. In the meantime, mark your calendars for Vascular Discovery 2024 from May 15th–18th in the vibrant city of Chicago, IL. See you there!

Winner of the AHA Clinical Research Prize presented at Scientific Sessions 2023

Mary M. McDermott, MD, FAHA, a longtime member and former chair of the PVD Council, who is the Jeremiah Stamler Professor of Medicine and Preventive Medicine at Northwestern University Feinberg School of Medicine, recently was awarded the AHA’s Clinical Research Award for her work on peripheral artery disease. The Council interviewed her.



Mary McGrae
McDermott
MD, FAHA

What led you to a career in vascular disease?

I’m a general internist, so most any topic is relevant to the practice of general internal medicine. I was always interested in cardiovascular disease, and it is common in primary care. I met Phil Greenland, who was the department chair of preventive medicine at Northwestern when I was starting my investigative career. I really liked working with him, and he was my main mentor. Of the projects I was working on, peripheral artery disease was the one he could most directly help me with as a cardiologist, so I focused on that because I wanted to keep working with him.

Did you have any idea that PAD would be as fruitful as it was?

I didn’t really think about that except that I did know that there weren’t many people working in PAD — there still aren’t enough — and it seemed like a wide-open area.

You have been conducting scientific investigations of PAD for more than 25 years. Are there any specific advances you would like to highlight?

I’d like to say three things about what we’ve learned about PAD. First is that when I started in this field, and still to a certain extent today, it was thought that the natural history of PAD with regard to the lower extremities is benign, because most people with

PAD will never need an amputation or develop limb-threatening ischemia. In addition, we observed that many people with PAD restrict their walking activity to avoid leg symptoms and therefore do not perceive that their walking ability is declining. One of my first projects with my investigative team was to assemble a large cohort of people with and without PAD and measure the 6-minute walk year after year, which documented that patients with PAD often say their leg symptoms are stable or even better over time, but, actually, their 6-minute walk is declining at a much more rapid pace than age-matched people without PAD.

The second is the importance of the 6-minute walk as an outcome measure. When we first started doing clinical trials, I thought the 6-minute walk and the treadmill were mainly interchangeable measures of walking endurance. But I have learned that is absolutely not true. There is such a strong learning effect from treadmill walking that in our clinical trials, even the control/placebo group improves their treadmill walking performance between baseline and follow-up. In contrast, 6-minute walk consistently declines by about 10 meters over six-month follow-up in people randomized to our placebo/control groups. In clinical trials, the 6-minute walk measures the natural history of untreated PAD, while the treadmill does not. The 6-minute walk is such a robust measure; it predicts death, hospitalization, mobility loss, and it really does represent walking performance in daily life better than the treadmill.

The third is the LITE (Low-Intensity Exercise Intervention in PAD) trial we conducted, which showed such a significant benefit from walking for exercise at a pace inducing ischemic leg symptoms but no benefit from walking for exercise at a comfortable pace without ischemic leg symptoms. This was surprising to me, particularly since the group that exercised at a comfortable pace walked for exercise for twice as many minutes per week as the group that exercised at a pace inducing ischemic leg symptoms. Despite walking for exercise twice as many minutes per week, the

group that walked for exercise at a comfortable pace did not improve their 6-minute walk more than the control group. That finding opens a whole new field of questions about why inducing ischemic symptoms would help people with PAD walk better. Some of our current investigations are trying to figure out answers to that question.

What do you tell patients to encourage them to perform high-intensity home exercise?

First, tell them that look, this is not easy, but we actually have evidence showing that if you walk to discomfort or whatever symptom it is you get in your legs and you push yourself as far as you can through that, you will improve more than if you don't get symptoms.

Acknowledging that walking for exercise at a pace inducing ischemic leg symptoms is hard and uncomfortable, and that I understand if the patient does not want to perform this type of walking exercise, but it has been shown to work. We also advise them that the benefits from exercise can take a few weeks before they are noticed by patients.

But that's not enough. I do think we need to combine another treatment with exercise. It's like treating cardiovascular disease to reduce cardiovascular events. It's not just statins, it's not just anti-platelet drugs. We need several interventions to prevent cardiovascular outcomes. Similarly, we can't just think of exercise as the only necessary treatment to improve walking performance in PAD. We need to combine treatments.

In addition to receiving this award and being named a Distinguished Scientist by the AHA, you've volunteered, including serving as Chair of the PVD Council. How did you first get involved with the AHA?

I can't remember! I would say AHA is so integral to a scientific career focused on cardiovascular disease that I cannot imagine being a scientist focused on cardiovascular disease without being involved in the AHA. I submitted abstracts to AHA and started going to meetings early on in my career and was lucky to get invited to join committees and present at conferences. Now I have friends and colleagues I enjoy seeing at Sessions. I look forward to attending each year.

What advice do you have for people starting their careers in clinical research?

We really need investigators studying PAD. We do not have enough. One of the things I've learned over the years is that you don't have to be brilliant to be an outstanding scientist, but you have to be persistent. There are many rejections that are part of being a scientist and you have to be tough-skinned and listen to feedback and think about how comments on a grant proposal that was not funded, for example, can lead in a different and more fruitful direction. Putting forward ideas can take courage. Listening to feedback is important. Do all those things and you will be a successful scientist.

What advice would you give that's specific to women?

I still think it's harder for women scientists. Women are wives, daughters, mothers. All these roles come with unique caregiving responsibilities. Women scientists should remember that all women face the challenges of trying to balance work with personal life and responsibilities. Some of the best scientists I know are women, and I really want to encourage women to pursue scientific investigation (and particularly in PAD). I'd be happy to talk to anyone who is struggling with that — not because I have a solution, but to be supportive and make sure they realize these challenges are difficult for everyone. It's always hard to balance responsibilities of work and life.

What do you like to do outside of medicine?

I do like to work (laughs). If I had a day off, I would write manuscripts that I don't have time to write! I like to spend time with my family, my three kids. I love exercising, particularly running and swimming. I really like to read non-science material, too, but what I read most outside of work is the newspaper.

Is there anything you want to add?

I'm so grateful to the AHA and the PVD Council. I have met so many wonderful people through the AHA. It is inspirational to meet trainees and young faculty committed to studying cardiovascular disease who subsequently carry out work that improves health for people with cardiovascular disease. That's a highlight of my career.

Winner of the Jay D. Coffman Early Career Investigator Award

Victoria Thomas, MD

*Interventional Cardiology Fellow
Vanderbilt School of Medicine*

*"PAD Raising Awareness in Sacred Environments
'PRAISE'"*



Victoria Thomas
MD

What was your pathway to investigation in the vascular space?

Dr. Joshua Beckman and Dr. Aaron Aday fostered my love for vascular medicine as consult attendings during my clinical cardiology fellowship. I've always had an interest in disparities, and the more I realized the disparities in vascular disease, my curiosity grew. I think there are a lot of disparities in all vascular diseases, but PAD, in particular, is very fertile ground for investigation clinically, translationally, and at the bench.

Where are you in your training and what does your day-to-day look like?

What are you working on now?

I am an interventional fellow at Vanderbilt. I plan to do peripheral intervention in practice when my training is complete, and I am fortunate to work closely with vascular surgeons here to acquire that training. I am also finishing my master in science degree in clinical investigation. I am trying to expand PRAISE into the rural community, which is related to an LRP award that I recently received. I am working on collecting institutional funding to support this project also. I am also working to get the word out on disparities with writing endeavors — I am very happy to be a part of this movement toward health equity!

Who has had the most impact on your career to date?

I have to give credit to my parents first, who both have servants' hearts. My mother is a principal and teacher, and my father was a dentist in middle Tennessee serving an underserved population. Dr. Monica Vela created and taught the first course of my medical school career, which was on disparities. His course took us into parts of Chicago that many of us would otherwise likely not visit. Research-wise, Dr. Clyde Yancy has been super-

influential. He is my 100-yard coach. He helps me to focus my passions and carry forward. He has this saying that always sticks with me: "Stop asking people to come to you, go to their side of town." That message partially inspired PRAISE.

What are your future goals and aspirations?

I plan to remain in academic medicine, and I want to engage in clinical trials. My goal is to increase the role of women and minorities in clinical trials. This was a huge part of my motivation to get an MS in clinical investigation. I believe in my care as a provider, and I want to deliver the best clinical care to people at need.

Any last words?

I want to emphasize the message of going to the people — this is so important for building trust, awareness and making a difference!

Jay D. Coffman Early Career Investigator Award Finalist

Patrick Heindel, MD, MPH

*General Surgery Resident
Brigham and Women's Hospital
"Long-Term Colchicine for Cardiovascular and Limb Risk Reduction in Peripheral Artery Disease"*



Patrick Heindel
MD, MPH

What was your pathway to investigation in the vascular space?

The Brigham has a storied history when it comes to vascular medicine and vascular surgery, and that has influenced my journey through mentorship during my training as a general surgeon. I became interested in vascular surgery through my general surgery training and got interested in this idea of comprehensive vascular care — being able to not only provide procedural services, but medical care for vascular patients. These patients are very underserved throughout the country, and while the Brigham is a unique place when it comes to huge resources in vascular medicine, that is not the case for much of the country and so it falls to us, as surgeons, to be actively engaged in vascular medicine research as well.

This project was mentored by Dr. Mohamad Hussain, who is an epidemiologist and vascular surgeon at the Brigham. Through reading cardiology literature and always being interested in how we can apply innovation from the cardiology space in the vascular medicine and vascular surgery realm, we developed this question of whether inflammation reduction with colchicine could be used in the patients with vascular disease that we see on a daily basis.

How do you see your practice in the future? How you envision your day-to-day?

I want to be an academic vascular surgeon, who is actively engaged in research. My particular interest is comparative effectiveness research (CER), which, put simply, is figuring out what works for patients and what doesn't. I want to pursue CER in the vascular space, and I want to stay engaged in national societal activities. My mentors at the BWH have been very influential in my career development, and I want to emulate them. They have all made big differences in the academic realm and have continued to remain expert clinicians. My view of research is that it is a privilege that we get to exercise after mastering the clinical care of these complex patients.

Who has had the most impact on your career to date? Who are your mentors?

Keith Ozaki, Mohamad Hussain, Michael Belkin, Matthew Menard have had big influences on my decision to pursue vascular surgery and have taught me how to be a surgeon scientist. I see all these people as role models. They are always there for their patients and have very strong interdisciplinary collaborations with vascular medicine at the Brigham. Another mentor of mine is Dr. Eric Secemsky. Our lab has strong ties with the Smith Center for Cardiovascular Research and Outcomes. Hopefully, I can eventually fill the shoes of these leaders. I have been very privileged have those people as guideposts during my training.

My particular methodological interests have come out of my time at the Harvard School of Public Health. I got my MPH over the last few years and was influenced by one of the research groups there that is very focused on

causal inference and observational data. They have helped to shape my thinking on how to apply these new methods to answer questions about vascular disease.

Any last words?

One of the things that I find fulfilling about vascular medicine and vascular surgery is the interdisciplinary collaboration, and I'm excited to continue to work on the medical research side of things while continuing to enhance my procedural skills to bridge the gap between those disciplines. I happened to be seated at the table with Dr. Marc Bonaca at the PVD Council dinner at Scientific Sessions—research like the VOYAGER trial represents the kind of collaboration between vascular surgeons and vascular medicine experts that I hope to continue in my career. These kinds of pharmacoepidemiology questions are really important in surgical patients, and we need surgeons engaged in this type of research.

Jay D. Coffman Early Career Investigator Award Finalist

Li Lai, PhD

*Assistant Research Professor of Cardiovascular Sciences
Houston Methodist Weill Cornell Medical College
"Metabolic and Epigenetic Coupled Regulation in Angiogenic Transdifferentiation and Vascular Recovery"*



Li Lai
PhD

What was your pathway to investigation in vascular space?

My passion for vascular disease started during my PhD. I was trying to decide my direction, and I was interested in angiogenesis. This can be studied in a "good" way or a "bad" way: pro-angiogenesis allows for the investigation of vascular diseases, and anti-angiogenesis allows for the study in cancer. My investigation in angiogenesis during my PhD allowed me to build surgical skills, including mouse surgery, and I wanted to apply this expertise to my future studies in vascular disease. It seems with each new experiment my focus changes iteratively and builds upon itself.

What is your day-to-day like? How do you see your work fitting into the clinical space? Do you interface with clinicians to bring discovery bedside?

Right now, my work is more focused on basic research, but I do pay more and more attention to how I can interact with clinicians. I constantly talk to colleagues in vascular surgery — I often take tissue from them for experiments. Then, I complete my research and generate/prove my hypothesis. I bring this back to the surgeons to interface into the clinical application of these discoveries. This loop has been great for feedback and collaboration.

Who has had the most impact on your career to date?

My mentor is Dr. John Cooke, who is a giant in the vascular world. He always encourages me to explore new things and is incredibly supportive. He has helped me to establish my own path, culminating recently into a very good score on an RO1 application. This RO1 is focused on peripheral artery disease. It is focused on epigenetic and metabolomic coupled regulation during vascular regeneration. We discovered a new mechanism for vascular generation, and we wanted to determine how we can manipulate this new mechanism to enhance vascular regeneration.

What are your future goals and aspirations?

My future goal is to establish more knowledge of vascular regeneration in PAD and other related ischemic vascular diseases. I really want to translate my knowledge in this research into clinical studies. Our institution has a strong team in nanoparticle delivery and mRNA production, and we are working closely to develop a mRNA-based lipid nano-particle therapy that could be applied in vivo to enhance vascular regeneration.

Any last words?

I feel that peripheral vascular disease is very important though understudied, especially in the basic science space. I want to expand and translate my molecular and cell research into various vascular diseases, and I hope we can see more collaborative studies between clinical and basic research in this field.

Jay D. Coffman Early Career Investigator Award Finalist

Neela Thangada

Clinical Instructor of Medicine

Feinberg School of Medicine at Northwestern

“Clinical Characteristics Associated With

Exercise and Serious Adverse Events During Home-Based Walking Exercise in People With Lower Extremity Peripheral Artery Disease”



Neela Thangada

What was your pathway to investigation in the vascular space?

I became interested in the role of physical activity and exercise for secondary prevention of cardiovascular disease during residency after witnessing my father have a myocardial infarction and benefiting from cardiac rehabilitation. I subsequently began studying the associations between physical inactivity, poor fitness and cardiovascular disease in the context of cardiovascular epidemiological cohort studies. I completed my fellowship in cardiology and obtained a T32 post-doctoral fellowship at the Feinberg School of Medicine at Northwestern, where I met my mentor, Dr. Mary McDermott, who is a leader in the field of exercise and walking impairment in peripheral artery disease (PAD). I identified PAD as an area of real need and recognized the potential for impact with regard to disparities and patient outcomes in walking impairment.

Does your clinical practice mirror your research? What is your day-to-day like?

I practice as a general cardiologist and see the full spectrum of cardiovascular disease and prevention, including patients with PAD.

Who has had the most impact on your career to date?

Dr. Mary McDermott has inspired me to think about walking impairment in PAD differently, and Dr. Sanjiv Shah has mentored me in the application of proteomic and genomic approaches to study exercise intolerance and fitness. I hope to integrate both areas, and I see great potential for proteomic applications to study

walking impairment in PAD. I am very grateful to Drs. McDermott and Shah for their support and mentorship, as well as Northwestern for supporting my career development.

What are your future goals and aspirations?

My long-term goals are to be an extramurally funded physician-scientist. I am applying for an early career development award looking at how social determinants of health, including neighborhood walkability, impact response to home-based walking exercise programs for PAD to evaluate the equitability of our therapies.

Any last words?

I want to thank the PVD Council for the opportunity to present my work, and again my mentors and Northwestern for supporting my career development. It was an incredible experience and honor to be selected as a Jay D. Coffman Finalist. ■

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QCOR Members Out in Force as Speakers, Moderators, Panelists and Facilitators at Sessions



It has been a busy time for our Council as we held our QCOR sessions in November. Before the start of the national meeting, QCOR held special sessions on November 10. These were very well attended, thanks in part to the work of the Planning Committee led by Emily O'Brien, MS, PhD, and Umesh Khot, MD. Many sessions were tailored to the needs of early career investigators. Activities included a career development lunch featuring members with national expertise in their fields and reputations for outstanding mentorship. The afternoon session on health equity was highly regarded and very well attended. Thank you to all the speakers and attendees for making this QCOR day a success.

Please join me in congratulating Lesley Curtis, PhD, FAHA, on receiving the 2023 QCOR Lifetime Achievement Award. Dr. Curtis is a Professor of Medicine and Population Health Sciences at Duke University. She is an executive core faculty member of the Duke-Margolis Center for Health Policy. She has an international reputation for linking large data to improve national data quality efforts. She serves as a senior policy advisor for the FDA and is a co-PI of the NIH Pragmatic Trials Collaboratory.

I also want to acknowledge **QCOR's Early Career Investigator Travel Awardees**

Nour-Mounira Z. Bakkar, MSc
Kannu Bansal, MBBS
Tyler M. Bauer, MD
Lovedeep Singh Dhingra, MBBS
Vikash Jaiswal, MD
Qianyun Luo
Jungyeon Moon, PharmD, PhD
Gaëlle Romain, PhD, MSc
Veer Sangha
Rebecca Tisdale, MD, MPA

The research they presented highlighted the importance of investigators embarking on a career in research. The quality of the science was outstanding.

I would also like to highlight the **QCOR Early Career Investigator Abstract Awardees**.

WINNER: Amrita Mukhopadhyay, MD, MS

Finalists:

Lucas X. Marinacci, MD
Mirza S. Khan, MD, MS
Arash A. Nargesi, MD, MPH
Sudheesha Perera, MPH

QCOR committees have also been hard at work. The Committee on Social Determinants of Health recently published an AHA statement on Neighborhoods and Cardiovascular Health, led by Dr. Kiarri Kershaw, the current committee chair. This statement was published in *Circulation: Cardiovascular Quality and Outcomes* in December. Also this fall, the statement entitled, Implementation of Prevention Science to Eliminate Health Care Inequities in Achieving Cardiovascular Health was published in *Circulation*, with authors from QCOR. Please contact me if you are interested in being an author of future

statements. Becoming a member of a committee is an excellent path toward participation on a writing committee.

On a related note, as part of the AHA's Centennial activities, a major effort is underway to project future cardiovascular outcomes and related costs. Projecting CVD prevalence through 2050 will allow the AHA and its partners to target areas that need further research or strategic initiatives. QCOR members, including Karen Joynt-Maddox, MD, MPH and Dhruv Kazi, MD, MSc, are leaders in this project. QCOR members will have opportunities to propose and author papers using the data created as part of this project. Reach out to me over the next months. I expect to schedule meetings in which we in QCOR can brainstorm on manuscripts.

Lastly, I would like to highlight some of the AHA's recent initiatives that QCOR members can get involved with. First is the Food Is Medicine Initiative, which seeks to create a more holistic approach to diet for cardiovascular health. Many of us understand our health systems can provide improved cardiovascular care if they incorporate dietary evidence into cardiovascular care. Recently, the AHA has called for proposals as part of this initiative, which focus on the feasibility and implementation of Food Is Medicine interventions. I hope QCOR members consider proposals for this first round of funding and will consider developing proposals for the future.

As we move into 2024 and the AHA's Centennial year. I remain committed to seeing QCOR members engaged in AHA activities as never before. Please let me know if I can help. Happy New Year! ■

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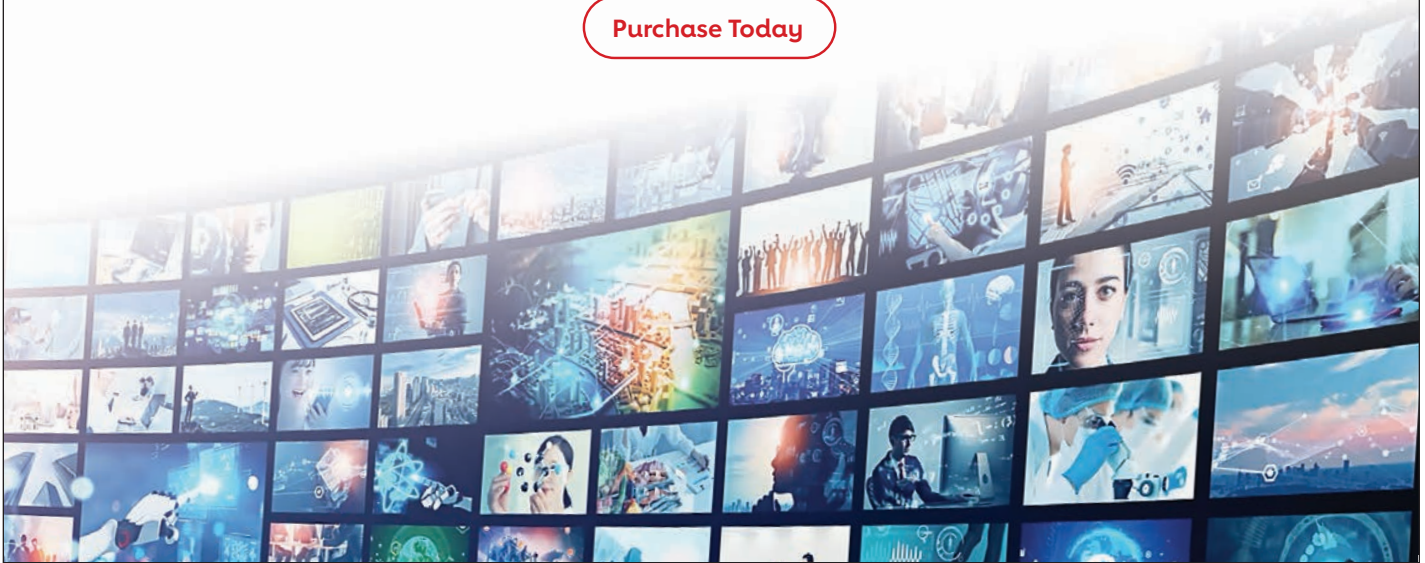
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A Look at ISC 2024



The International Stroke Conference 2024 is fast approaching and promises to deliver on its reputation as the world's premier meeting dedicated to basic and clinical science related to cerebrovascular disease and stroke. ISC 2024 will be held in Phoenix, Arizona, from Tuesday, February 6, through Friday, February 9, 2024.

New this year will be a member Welcome Reception on Tuesday February 6. This will be a great occasion to catch up with colleagues and engage with Stroke Council leaders. The ISC program features many innovative sessions geared both to early career and lifelong learning. Sessions slated for the learning studio in the Science and Technology Hall include:

- Approaches to a Research: Success for the Early Career Researcher
- Practical Approaches to Research Success: Advice on How to Get Started

The State of the Science Stroke Nursing Symposium will be held February 6, along with pre-conference symposia including:

- HEADS-UP — Explore health inequalities and problem-solving in this year's Health Equity and Actionable Disparities in Stroke.
- Stroke in the Real World — Emerging therapies and treatments in clinical stroke care.
- Stroke in the Lab World — Bench science and practices in preclinical translational stroke research.

With a record-breaking number of late-breaking abstract submissions, the program at ISC will highlight high-impact presentations at the main plenary sessions, with results from several exciting randomized clinical trials, including:

- Zero Degree Head Positioning in Acute Large Vessel Ischemic Stroke (ZODIAC)

- Randomization of Endovascular Treatment with Stent-retriever and/or Thromboaspiration vs. Best Medical Therapy in Acute Ischemic Stroke due to Large Vessel Occlusion Trial in the Extended Time Window (RESILIENT-Extend)
- The EMBOLISE Study: Embolization of the Middle Meningeal Artery With Onyx™ Liquid Embolic System in the Treatment of Subacute and Chronic Subdural Hematoma
- The MAGIC-MT Trial: Managing Non-Acute Subdural Hematoma Using Liquid Materials: A Chinese Randomized Trial of Middle Meningeal Artery Treatment
- STEM (The Squid Trial for the Embolization of the MMA for the treatment of CSDH)
- Effect of an Artificial Intelligence-Based Clinical Decision Support System on Stroke Care Quality and Outcomes in Patients With Acute Ischemic Stroke (Golden Bridge II): A Cluster-Randomized Clinical Trial

There will be 31 oral abstract sessions in 16 categories, 20 moderated poster sessions and 25 poster sessions, in addition to 65 timely and topical debates and invited sessions, including:

- ARIA: Vascular Manifestations of Amyloid Immunotherapy
- From Bench to Bedside and Beyond Sessions include the following: Stem Cells, Cerebral Microcirculation and Neurovascular Coupling; and Pediatric Brain AVMs
- Vein Voyage: Advancements in Neurointerventional Treatments and Diagnosis
- Navigating the Gray Zone: Debates on Endovascular Therapy for Moderate Pre-Morbid Disability/Dementia and Imaging Triage in Large and Medium Vessel Strokes

- Managing Vasospasm: Appraisal of Diagnostics/Interventions from the ICU to the Endovascular Suite
- Clearing the Path: Controversies in Treating Symptomatic Carotid Stenosis
- Should Unruptured Small Aneurysms Be Treated? (Debate)
- Artificial Intelligence and Big Data in Stroke Care: From Hype to Reality

Several esteemed and well-deserving awardees will be recognized at ISC, including recipients of the Thomas Willis Lecture Award, the William Feinberg Award for Excellence in Clinical Stroke, the Ralph L. Sacco Outstanding Stroke Research Award and the David G. Sherman Lecture Award. The programming, spearheaded by ISC Program Chair Tudor Jovin MD, and Vice Chair Lauren Sansing MD, will be a don't-miss event for all stroke clinicians and researchers.

In other scientific news, the American Heart Association Scientific Sessions 2023 meeting was held in Philadelphia November 11–13 and featured sessions bridging the cardiovascular and cerebrovascular realm. These sessions, planned by Nestor Gonzales, were:

- The Heart and the Brain: Neurological Complications of Cardiac Interventions
- Arterial Fibrillation detected after Stroke, Not that simple: The Role of Burden and Vascular Comorbidities



Stroke Council Award presented to Patrick Lyden MD, Professor of Physiology & Neuroscience and Neurology, Keck School of Medicine at USC, by Nestor Gonzalez, MD, Professor of Neurosurgery, Director Neurovascular Laboratory, Cedars-Sinai Medical Center, during Scientific Sessions in November



Scientific Sessions also featured the 2023 Stroke Council award, presented to Patrick Lyden, MD. Dr. Lyden presented an insightful lecture on the past, present and future of neuroprotection research in stroke.

As clinicians and researchers pushing the frontiers of stroke care, I look forward to seeing you all at ISC 2024! ■

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Stroke Council award lecture presented by Dr. Patrick Lyden at Scientific Sessions meeting in Philadelphia in a session moderated by Drs. Nestor Gonzales and Alexis Simpkins.



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Scientific Sessions

November 16 – 18, 2024, Chicago, IL

