DOWNSTATE
HEALTH SCIENCES UNIVERSITY



Cardiovascular Health Related Research

CVD Summer Institute

June 20, 2027 - July 2, 2027

BROOKLYN, NEW YORK



NIH
National Heart, Lung, and Blood Institute
FUNDED SINCE 2006

JOIN US
IN REDUCING GAPS IN CARDIOVASCULAR OUTCOMES



HOW TO APPLY

Application materials must include:

- Most current CV
- Summary of academic work/experience in cardiovascular health
- Statement of research interest
- Support/recommendation from the department Chair
- Recommendation from former mentor or colleague

Please submit all pre-application and application materials to: https://pridecc.wustl.edu/apply

Rolling Admission; priority consideration granted to early applicants.

For more information visit CVD's homepage at:
https://www.downstate.edu/education-training/pride-cvd/index.html

WHERE?

- The CVD Summer Institute will convene at State University of New York (SUNY) Downstate Health Sciences University, Brooklyn, NY.

WHEN?

- Sunday, June 20, 2027 to Friday, July 2, 2027

WHO?

- Applicants should be junior faculty at the Assistant Professor level with interest in Cardiovascular Health.
- Applicant must be either a US citizen or a permanent resident to be eligible for the Institute

WHY?

- Establish and help Junior faculty become interdependent investigator.

HOW?

- The Institute brings participants to SUNY Downstate Health Sciences University for a 2-week session during Summer I, a 1-week session during Summer II, and a mid-year session.
- The mid-year session will occur during the American Heart Association annual conference, usually held in November.
- The annual PRIDE Programs conference, usually in April, will be held at the NHLBI site in Bethesda, MD.

The Summer Institute offers a mix of:

- Didactic courses
- Grant writing and grantsmanship sessions conducted by NHLBI staff
- Specialized seminars, courses, and lab sessions
- Mentor-mentee partnerships for long-term research collaborations

The CVD Summer Institute is a research career advancing opportunity at SUNY Downstate Health Sciences University that is funded by the National Heart, Lung, and Blood Institute (NHLBI). This mentored research program will address the difficulties experienced by junior investigators (with a terminal degree, e.g., MD, PhD, EdD or equivalent) in establishing independent research programs and negotiating through the academic ranks.

Goals of the CVD Summer Institute:

- Enable participants to develop a balanced perspective in determining research priorities
- Improve their capacity to address cardiovascular health outcomes.
- Develop the skills and networking necessary to achieve independent research careers in heart, lung, and blood disorders.

Aims of the Institute:

- Select and train qualified scientists/clinicians who have potential to contribute to the knowledge in cardiovascular health research.
- Provide long-term tailored one-to-one and peer mentoring with the goal to submit a research grant application
- Provide intensive individualized training and guidance in grant writing and peer review to enhance the capacity for success in research careers.
- Provide support for small research projects to facilitate transition to independence.



✓ Grant Writing Opportunities: The session will be a one-day seminar presented by members of NHLBI and experienced National Heart, Lung and Blood Institute faculty who served in NIH Study Sections. This will be a unique opportunity for trainees to interact directly with NIH and hear firsthand about what is needed to succeed in obtaining grants from NIH. Specific grant opportunities will be presented with emphasis in the different types of career development awards as offering entry points for new investigators (K awards) and other investigator-initiated programs.

✓ Mentoring: Our program facilitates and nurtures mentoring partnerships. We work to improve our mentees' research skills, provide motivation and foster personal growth, provide career guidance, and promote our mentees for scholarships and other development opportunities.

✓ Introduction to Health Disparities: This seminar will set the foundation for the learning experience of the mentees. They will learn about factors that influence health disparities, including those related to socioeconomic factors, access to medical care, disparities in the quality of medical care, biological predispositions to disease, behavioral risk factors, and others. Each of these topics will be illustrated with specific examples related to diseases of the heart, blood, and lungs. This seminar will require that trainees become very familiar with the increasing literature on these topics.

✓ Research Design, Methods, and Analysis: This seminar series will be given early in the program to provide a solid introduction so that the mentees will be able to formulate their research ideas throughout the course of the Institute. It will include presentation on research design and methods in clinical, behavioral, and basic research and analysis.

✓ Community-Based Participatory Research: This will be a hands- on seminar presented by the Arthur Ashe Institute of Urban Health in which trainees will spend the afternoon working with this community organization in an ongoing research project that is part of the Brooklyn Health Disparities Research Center. They will meet with community members to learn about how to integrate community participants into the research plan from its inception through its completion and to consider how the community benefits from the research process. The trainees will be able to experience how cultural competency affects the conduct of community-based research.

✓ Responsible Conduct of Research: Mentees will receive materials on thistopic to be discussed at the seminar. Topics will include authorship, quality control, data security, privacy of data from human subjects, ethical treatment of humans and animals in research, informed consent, and other issues relevant to ethics in conducting research. The seminar will include discussions about cases of fraud and misconduct to illustrate various points.

CVD Summer Institute

Institute Director

- Mohamed Boutjdir, PhD, FAHA: Director of CVD Institute, Professor of Medicine, Cell Biology, and Pharmacology, SUNY Downstate Health Sciences University; Director, Cardiovascular Research Program, VA New York Harbor Healthcare System, New York, NY

Faculty and Mentors

- Margaret Andrews, MS: Instructor, Harvard Division of Continuing Education; Founder & Managing Director, The MYLO Center, Harvard University, Cambridge, MA
- Oliver Bogler,PhD: Founder, Oliver Bogler Coaching and Consulting, Former Director of the National Cancer Institute's Center for Cancer Training, NCI, Rockville, MD
- Carla Boutin-Foster, MD: Associate Dean, Office of Diversity Education and Research, SUNY Downstate Health Sciences University, Brooklyn, NY
- Marlene Camacho-Rivera, ScD, MS, MPH: Assistant Dean for Student Affairs, Assistant Professor, Department of Community Health Sciences, School of Public Health, SUNY Downstate Health Sciences University, Brooklyn, NY
- Luz Claudio, PhD: Professor, Global Health and Health Systems Design; Professor, Environmental Medicine; Icahn School of Medicine at Mount Sinai, New York, NY
- Wendy Chung, MD, PhD: Director of the Clinical Genetics Program, Herbert Irving Associate Professor of Pediatrics and Medicine at Columbia University, New York, NY
- Kitaw Demissie, MD, PhD: Dean and Distinguished Service Professor, School of Public Health; SUNY Downstate Health Sciences University, Brooklyn, NY
- Keith Ferdinand, MD, FACC, FAHA: Professor of Medicine, Tulane University, New Orleans, LA
- Marilyn Fraser, MD: CEO of the Arthur Ashe Institute for Urban Health, Brooklyn, NY
- Guillermo Garcia-Cardena, PhD: Associate Professor of Pathology, Harvard Medical School, Boston, MA 02115
- James R Gavin III, MD, PhD: Clinical Professor of Medicine and Senior Health Advisor on Health Affairs, Emory University School of Medicine, Atlanta, GA; Trustee Emeritus, Robert Wood Johnson Foundation
- Mahmood Hussain, PhD: Director, Basic Science Research & Diabetes & Obesity Research Center, Winthrop University Hospital, Mineola, NY
- Jared Jobe, PhD: Program Director Emeritus, National Heart, Lung & Blood Institute, Bethesda, MD
- Michael A. Joseph, PhD, MPH: Vice Dean for Education, Associate Professor of Epidemiology, Columbia University Mailman School of Public Health, New York, NY

- Jason Lazar, MD, MPH, FACC, FACP: Professor of Medicine, Neurology, Public Health, Molecular & Cell Biology; Director, Non-Invasive Cardiology; SUNY Downstate Health Sciences University, Brooklyn, NY
- Samy McFarlane, MD, MPH: Ombudsman, Professor of Medicine and Director of the Fellowship Program in Endocrinology, Diabetes and Metabolism, SUNY Downstate Health Sciences University, Brooklyn, NY
- Yasmin Mossavar-Rahmani, PhD: Professor, Department of Epidemiology & Population Health (Health Behabior Research & Implementation Science), Albert Einstein College of Medicine, Bronx NY
- Yongxia Sarah Qu, MD, PhD: Assistant Professor in the Department of Medicine at SUNY Downstate Health Science University, Brooklyn, NY
- Moro Salifu, MD, MBA, MPH, FACP: Chair of the Department of Medicine, Chief of the Division of Nephrology and Director of the Kidney Transplant Program; Director, Brooklyn Health Disparities Center, SUNY Downstate Health Sciences University, Brooklyn, NY
- Gaetano Santulli, MD, PhD: Adjunct Associate Professor, Department of Medicine (Cardiology); Adjunct Associate Professor, Department of Molecular Pharmacology, CUNY School of Medicine, New York, NY
- Azure Thompson, DrPH, MPH: Assistant Professor, Department of Community Health Sciences, School of Public Health, SUNY Downstate Health Sciences University, Brooklyn, NY
- Clyde Yancy, MD, MSc, FACC, FAHA, MACP: Magerstadt Professor of Medicine, Chief, Division of Cardiology, Northwestern University, Feinberg Schoolof Medicine, Chicago, IL

For additional information on the program, please contact:

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