



CVI Fellows Program

From Prevention to Intervention and Everything in Between

Saturday, October 10 & Sunday, October 11, 2026

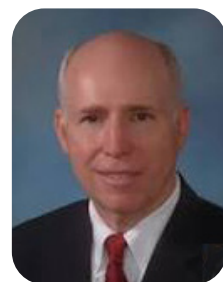
Loews Philadelphia Hotel

Complimentary Registration and Accommodations

An expanded, comprehensive educational experience spanning the full spectrum of cardiovascular medicine, from prevention and imaging to electrophysiology, heart failure, structural heart disease, and complex coronary intervention. Featuring nationally recognized faculty, case-based discussions, debates, and hands-on learning, this year's program offers fellows a practical, state-of-the-art, and uniquely well-rounded learning experience designed for today's evolving cardiovascular practice.

Keynote Speakers:

**From Heart Health to Global Survival:
A 50-Year Prevention Journey**



James E. Muller, MD

Co-founder International Physicians for
Prevention of Nuclear War, Awarded the
1985 Nobel Peace Prize
2023 Scientist of the Year, American College
of Cardiology
Senior Lecturer
Harvard Medical School
Brigham and Women's Hospital

**Outpatient Migration of Cardiovascular
Procedures in the United States**



Katerina Dangas, MD

Resident Physician
Massachusetts General Hospital
Researcher
Beth Israel Deaconess Medical Center



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CVI
**CARDIOVASCULAR
INSTITUTE**
Providing CV Education Since 1998

Program Overview

CVI's 2026 Cardiology Fellows Program has been expanded to provide a comprehensive and contemporary educational experience spanning the full spectrum of cardiovascular medicine. In addition to core interventional cardiology content, the program now includes major clinical cardiology topics such as Electrophysiology, Cardiovascular Imaging, Heart Failure, Hypertrophic Cardiomyopathy, Amyloidosis, HFpEF, Health Equity, Lipid Disorders, and Coronary Artery Disease.

The program also features advanced interventional and structural heart disease sessions focused on Myocardial Infarction, Left Main Revascularization, Complications of PCI, TAVR Fundamentals, Asymptomatic Aortic Stenosis, Tricuspid Regurgitation, and Cardiac Hemodynamics and Shock.

By integrating prevention, advanced imaging, heart failure, electrophysiology, structural heart disease, and complex coronary intervention into one educational forum, the 2026 Fellows Program offers a uniquely comprehensive and well-rounded learning experience designed specifically for today's cardiology fellows. This expanded curriculum makes the program a premier "must-attend" educational opportunity for fellows seeking practical, evidence-based, and state-of-the-art cardiovascular education.

Program Highlights

- **Engage with Experts:** Participate in hands-on learning sessions and dynamic discussions with leading cardiologists, gaining valuable insights from top professionals in the field.
- **Plenary Sessions & Hands-On Learning:** Delve into key concepts in interventional cardiology, clinical cardiology, electrophysiology, and cardiovascular imaging with clinical case presentations, medical simulations, and device demonstrations.
- **Expanded Curriculum:** Program featuring broader exposure to cutting-edge cardiovascular topics, emerging technologies, and evolving clinical strategies.
- **Collaborative Learning with Faculty of Nationally Recognized Thought Leaders:** Engage in case-based educational sessions with robust faculty-led discussions.
- **Breakout Tracks & Specialized Learning:** Choose from focused tracks on clinical cardiology, electrophysiology, cardiovascular imaging, structural heart disease, and myocardial infarction, featuring in-depth discussions and case reviews.
- **Cardiogenic Shock Focus:** Engage in a comprehensive session on cardiogenic shock with expert insights and discussions on advanced management strategies.
- **Top Poster Award Presentations:** Celebrate the top posters featuring challenging interventional cases and innovative techniques.
- **Interactive Learning Stations:** Experience hands-on wet models, medical simulations, and case reviews. Collaborate with expert mentors and industry specialists to enhance your learning.
- **Networking Reception:** Conclude the day with an engaging networking reception designed to foster meaningful interaction among fellows, faculty, and program directors. Enjoy an evening of collegial conversation, professional connection and collaborative exchange in a relaxed setting.
- **Complimentary Hotel Stay:** Enjoy a complimentary overnight stay at the Loews Philadelphia Hotel Friday October 9th and/or Saturday October 10th.
- **Complimentary Registration:** Registration is complimentary through the generous support of our industry partners. For more information and to register please see QR Code and link in this brochure or visit cviphiladelphia.org
- **Questions?** Contact us at info@cviphiladelphia.org

Program Overview

Learning Objectives

By the conclusion of this educational activity, participants should be able to:

- Evaluate the evolving role of coronary CT angiography (CCTA) in the evaluation and risk stratification of coronary artery disease.
- Describe current trends in outpatient cardiovascular procedures and assess their implications for patient safety, quality, and healthcare delivery.
- Discuss advances in cardiovascular prevention strategies and their long-term impact on population health outcomes.
- Examine the emerging role of artificial intelligence in cardiovascular imaging, diagnosis, workflow optimization, and acute myocardial infarction management.
- Identify career pathways in cardiovascular medicine and develop strategies for professional growth following fellowship training.
- Integrate advanced cardiac imaging techniques, including cardiac MRI, into the management of heart failure and structural heart disease.
- Recognize, diagnose, and manage transthyretin amyloid cardiomyopathy (ATTR-CM) and other evolving heart failure syndromes.
- Compare contemporary treatment strategies for hypertrophic cardiomyopathy, including pharmacologic therapy, septal reduction therapy, and surgical intervention.
- Discuss advances in the diagnosis and management of HFpEF, with emphasis on health equity and individualized care.
- Develop evidence-based approaches for the management of dyslipidemia, including statin intolerance and adjunctive lipid-lowering therapies.
- Evaluate current approaches to atrial fibrillation management, including catheter ablation, anticoagulation, and left atrial appendage occlusion/closure.
- Analyze contemporary paradigms in myocardial infarction diagnosis and management, including occlusion MI and non-atherosclerotic MI.
- Compare revascularization strategies for complex coronary artery disease, including PCI and CABG for left main disease. Recognize, prevent, and manage complications associated with percutaneous coronary intervention (PCI).
- Apply evidence-based antithrombotic strategies in patients with atrial fibrillation undergoing coronary stenting.
- Assess indications and controversies surrounding left atrial appendage closure in conjunction with atrial fibrillation ablation.
- Apply contemporary decision-making strategies in valvular heart disease, including transcatheter aortic valve replacement (TAVR) and management of tricuspid valve disease.
- Evaluate treatment approaches for asymptomatic aortic stenosis and determine appropriate timing for intervention.
- Interpret fundamental hemodynamic concepts including preload, afterload, contractility, and pressure-volume relationships in critically ill cardiac patients.
- Develop practical approaches to the diagnosis and management of cardiogenic shock, including pharmacologic and mechanical circulatory support strategies.
- Discuss the management of high-risk PCI and right ventricular failure in the setting of shock and advanced cardiovascular disease.
- Incorporate multidisciplinary collaboration, case-based learning, and emerging technologies into contemporary cardiovascular practice to improve patient outcomes.

Program Faculty

Director

Sheldon Goldberg, MD
University of Pennsylvania

Associate Directors

Sahil Banka, MD
Jefferson Einstein Health

Veronica Covalesky, MD
Thomas Jefferson University

Victor Ferrari, MD
University of Pennsylvania

Paul Fiorilli, MD
University of Pennsylvania

William Gray, MD
Main Line Health System

Bryan Kluck, DO
Cardiovascular Experts of PA

Richard Kovach, MD
Deborah Heart and Lung Center

Joanne Mazzealli, MD
Cooper University Health Care

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Antonis Pratsos, MD
Main Line Health System

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Rowan-Virtua School of Osteopathic Medicine

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Thomas Jefferson University

Frank Silvestry, MD
University of Pennsylvania

Faculty

Karima Addetia, MD
University of Chicago Medicine

Srinath Adusumalli, MD
University of Pennsylvania

Said Ashraf, MD
AtlantiCare

Yevgeniy Brailovsky, MD
Columbia University Irving Medical Center

Blase Carabello, MD
Roper St. Francis Healthcare

Marisa Cevasco, MD
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Katerina Dargas, MD
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Sharlene Day, MD
University of Pennsylvania

Alejandro De Feria, MD
University of Pennsylvania

Jay Giri, MD
University of Pennsylvania

David Goldberg, MD
University of Pennsylvania

James Goldstein, MD
Corewell Health

Sabrina Islam, MD
Temple University

Farouc Jaffer, MD
Massachusetts General Hospital

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Merck & Company

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Dean Karalis, MD
Thomas Jefferson University

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University of Florida-Gainesville

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Heartio

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Thomas Jefferson University

James Muller, MD
Harvard Medical School

Ashwin Nathan, MD
University of Pennsylvania

Sandeep Nathan, MD
University of Chicago Medicine

Behzad Pavri, MD
Thomas Jefferson University

Grant Reed, MD
Cleveland Clinic

Subha Raman, MD
Ohio Health

Campbell Rogers, MD
HeartFlow Inc

Andrea Russo, MD
Cooper University Health Care

Monika Sanghavi, MD
University of Pennsylvania

Mark Victor, MD
Thomas Jefferson University

Craig Walker, MD
Cardiovascular Logistics

Malissa Wood, MD
Women As One

Clyde Yancy, MD
Feinberg School of Medicine at
Northwestern University

CVI Cardiology Fellows Program 2026

Saturday, October 10, 2026 AGENDA

Plenary Session

7:00am-7:50am	Breakfast and Registration
7:50am-8:00am	Welcome and Program Overview Sheldon Goldberg, MD
8:00am-8:30am Presentation	Top 5 Clinical Trials Shaping Cardiology in 2025–2026 Ellen Keeley MD
8:30am-9:00am Panel Discussion	CCTA: A One-Stop Approach to Evaluating Coronary Artery Disease <i>Moderator:</i> James Goldstein MD <i>Panelists:</i> Campbell Rogers MD, Malissa Wood MD, Jay Giri, MD
9:00am-9:30am Keynote	Outpatient Migration of Cardiovascular Procedures in the US Katerina Dangas MD
9:30am-10:00am Keynote	From Heart Health to Global Survival: A 50-Year Prevention Journey James Muller MD
10:00am-10:30am	BREAK Exhibits and Networking
10:30am-11:00am Panel Discussion	Can AI Make You a Better Clinician: From Image Interpretation to Saving Lives in Acute MI <i>Moderator:</i> Yair Lev MD <i>Panelists:</i> Srinath Adusumalli MD, Michael Leasure MBA, Malissa Wood MD
11:00am-11:30am	Simulation Stations/Exhibits – Fellow Rotations
11:30am-12:15pm	Simulation Stations/Exhibits – Fellow Rotations
12:15pm-1:15pm	LUNCH
12:45pm-1:15pm Panel Discussion	Building Your Career After Fellowship: Options, Opportunities, Outcomes <i>Moderator:</i> Mark Victor MD; <i>Panelists:</i> Craig Walker MD, Sabrina Islam MD, Ashwin Nathan MD, Howard Julien MD



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CVI Cardiology Fellows Program 2026

Saturday, October 10, 2026 AGENDA continued

Breakout Session

Clinical Cardiology at the Crossroads: Translating Science into Patient Care

Moderator: Victor Ferrari MD

1:30pm-2:00pm Presentation	CMR and Advanced Imaging: Guiding Clinical Decision-Making in Heart Failure Subha Raman MD
2:00pm-2:30pm Presentation	Heart Failure in ATTR-CM: Recognition and Management Yevgeniy Brailovsky MD
2:30pm-3:00pm Presentation	Hypertrophic Cardiomyopathy: Role of Myosin Inhibition, Septal Ablation and Myectomy Sharlene Day MD, Ashwin Nathan MD
3:00pm-3:15pm	BREAK Exhibits and Networking
3:15pm-3:45pm Presentation	HFpEF: Advances in Diagnosis and Therapeutic Strategies with a Focus on Health Equity Clyde Yancy MD
3:45pm-4:15pm Disease Awareness	Tryngolza: Expanding What's Possible with Triglyceride reduction in Severe Hypertriglyceridemia (sHTG: TG $\geq$ 500 mg/dl) Benjamin Kalsmith, MD
4:15pm-4:45pm Presentation	Challenging Lipid Cases: Managing Statin Intolerance and Add-On Therapies Dean Karalis MD
4:45pm-5:15pm Presentation	Contemporary Management of Atrial Fibrillation: Ablation, LAA Exclusion, and Anticoagulation Andrea Russo MD
5:15pm -6:15pm	RECEPTION – FELLOWS, FACULTY, DIRECTORS, INDUSTRY Poster Award Presentations (Top 3) Chosen and Presented By: Cardiology Fellowship Program Directors



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CVI Cardiology Fellows Program 2026

Saturday, October 10, 2026 AGENDA continued

Breakout Session

Interventional Cardiology and Electrophysiology/Arrhythmia Management

Moderators: Paul Fiorilli, MD • Muhammad Raza, MD

1:30pm-2:00pm Panel Discussion/ Case Study	Occlusion MI Beyond the ST Segment: A Paradigm Shift in Our Approach to Myocardial Infarction <i>Presenter:</i> Sheldon Goldberg MD <i>Panelists:</i> Said Ashraf, MD, Ellen Keeley MD
2:00pm-2:30pm Debate	Left Main Revascularization: PCI vs CABG <i>Moderator:</i> Jay Giri MD <i>Debaters:</i> Farouc Jaffer MD, Marisa Cevasco MD
2:30pm-3:00pm Presentation	Complications of PCI: "Serum Est Post Factum Consilium – Advice After the Deed is Too Late." Sandeep Nathan MD
3:00pm-3:15pm	BREAK Exhibits and Networking
3:15pm-3:45pm Disease Awareness	Let's Collaborate
3:45pm-4:15pm Presentation	Managing the AF Patient with Coronary Stents: Anticoagulation and Antiplatelet Strategies Behzad Pavri, MD
4:15pm- 4:45pm	Should Left Atrial Appendage Closure Be Performed at the Time of AF Ablation? <i>Moderator:</i> Andrea Russo MD <i>Presenter:</i> David Goldberg MD
4:45pm-5:15pm Presentation	Non-Atherosclerotic Myocardial infarction: Diagnostic and Therapeutic Challenges Monika Sanghavi, MD
5:15pm -6:15pm	RECEPTION – FELLOWS, FACULTY, DIRECTORS - INDUSTRY Poster Award Presentations (Top 3) Chosen and Presented By: Cardiology Fellowship Program Directors



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CVI Cardiology Fellows Program 2026

Sunday, October 11, 2026 AGENDA

State-of-the-Art Sessions

Valvular Heart Disease: The Minimally Invasive Revolution

Moderators: Paul Fiorilli, MD • Muhammad Raza, MD

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| 7:15am-8:00am | Breakfast and Registration |
| 8:00am-8:30am
Case Presentation | TAVR Fundamentals: An Algorithmic Approach to Valve Selection
<i>Faculty Presenter:</i> Grant Reed MD |
| 8:30am-9:00am
Case Presentation
Debate | Debate- Asymptomatic Aortic Stenosis: Watchful Waiting or Early Intervention?
<i>Moderator:</i> Said Ashraf MD
<i>Debaters:</i> Blase Carabello MD, Ashwin Nathan, MD |
| 9:00am-9:30am
Case Presentation | Tricuspid Regurgitation: The Forgotten Valve Remembered
<i>Faculty Presenter:</i> Karima Addetia MD |

Introduction to Cardiac Hemodynamics and Shock

Moderator & Presenter: D. Lynn Morris MD

Presenters: James Goldstein MD, Sanjog Kalra MD, Sandeep Nathan MD

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|------------------------|--|
| 9:30am-10:00am | Introduction to Hemodynamics in the Cath Lab and ICU
<i>Faculty Presenter:</i> D. Lynn Morris MD |
| 10:00am-10:30am | Basic Hemodynamics: Introduction to Pressure Volume Loops, Preload, Afterload, Contractility and Lusitropy
<i>Faculty Presenter:</i> D. Lynn Morris MD |
| 10:30am-11:00am | Introduction to Cardiogenic Shock: Protocol/Management, Pharmacology, Devices
<i>Faculty Presenter:</i> Sandeep Nathan MD |
| 11:00am-11:30am | Management of High-Risk PCI
<i>Faculty Presenter:</i> Sanjog Kalra MD |
| 11:30am-12:00pm | The Role of the RV in Shock/RV Failure
<i>Faculty Presenter:</i> James Goldstein MD |
| 12:00pm | PROGRAM CLOSING
Sheldon Goldberg, MD |



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