

Register

Please complete the attached registration form and return by fax or email. The course fee includes tuition, teaching materials, continental breakfast and lunch while at Duke University Medical Center. Enrollment is limited to 70 participants. Please notify Michele Parker (919-668-1671) should a cancellation be necessary. For cancellations prior to April 1, 2025, there will be a \$50 administrative fee charged to the registrant. After April 1, 2025, the administrative fee is \$500. In the event the program is canceled or postponed, we will not be responsible for any travel costs or expenses, including cancellation/change penalties assessed by airlines, travel agencies, or hotels.

Lodging

A list of nearby hotels is available on our website: medicine.duke.edu/DCMRC

Registration

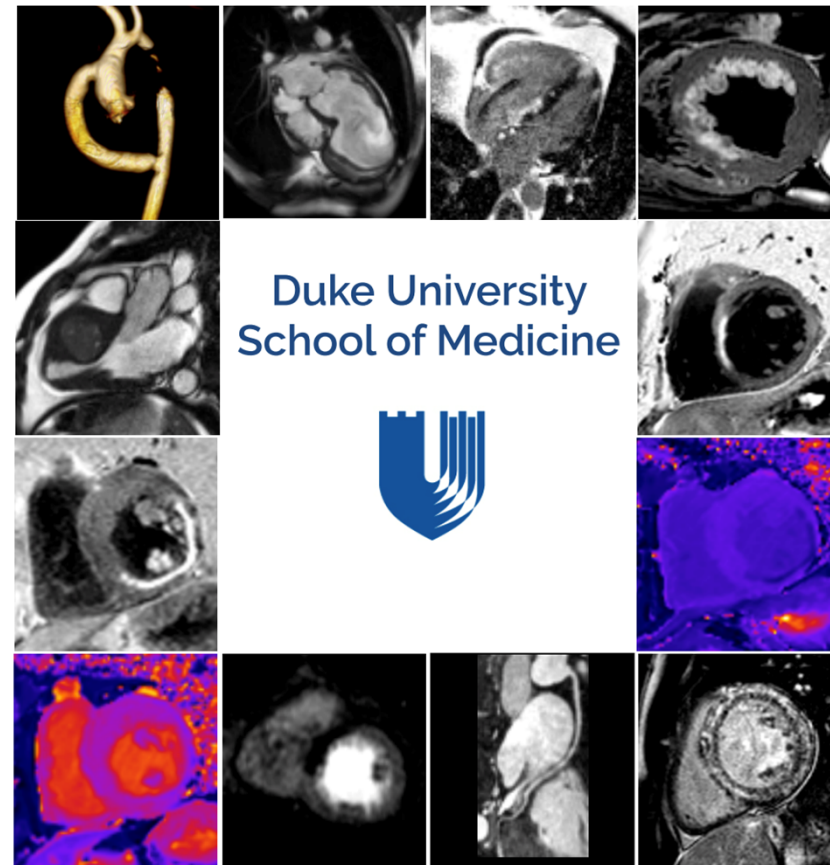
Online registration and credit card payment can be made at the DCMRC website: <https://events.duke.edu/spring2025dcmrc>

For payment by check, please mail the check and registration form to:

Duke Cardiovascular MR Center
Duke Medical Pavilion – Room 1E57
DUMC – 3934, Durham, NC 27710
Phone: 919-668-1671 Fax: 919-668-3554
Email: michele.parker@duke.edu

Name:		
Organization:		
Street Address:		
City:	State:	Zip:
Email:		
Phone Number:		
Medical Specialty:		
<input type="checkbox"/> MD \$3000	<input type="checkbox"/> Technologist \$2200	<input type="checkbox"/> Trainee \$1650

Duke Cardiovascular MR Practicum and CMR Board Review Course



April 28 – May 2, 2025
Duke Cardiovascular MR Center
Durham, NC

Overview: This practicum was developed by the Duke Cardiovascular Magnetic Resonance Center (DCMRC) and is designed to provide practical instruction on cardiovascular MRI. Participation in this course fulfills SCMR Level 1 (track B) and is applicable toward SCMR Level 2 coursework requirements. The content covers the material on the Cardiovascular Magnetic Resonance Board exam (www.apca.org), but is also appropriate for physicians new to the field and for technologists.

Course Faculty (Preliminary)

Raymond Kim, MD

Co-director. Duke CV MR Center
Professor of Medicine and Radiology
Duke University

Fawaz Alenezi, MD

Assistant Professor of Medicine
Duke University

Michael J. Campbell, MD

Professor of Pediatrics
Duke University

Anna Lisa Chamis, MD

Professor of Medicine
Duke University

Stephen Darty, BS, RT-N, MR

CMR Technologist
Duke University

John Grizzard, MD

Associate Professor of Radiology
Virginia Commonwealth University
Medical Center

Robert Judd, PhD

Professor Emeritus of Medicine
Duke University

Han Kim, MD

Associate Professor of Medicine
Duke University

Igor Klem, MD

Associate Professor of Medicine
Duke University

Joseph Mammarappallil, MD, PhD

Associate Professor of Radiology
Duke University

Andrew McCrary, MD

Assistant Professor of Pediatrics
Duke University

Wolfgang Rehwald, PhD

Adjunct Professor of Medicine
Duke University

Orlando Simonetti, PhD

Professor of Radiology and
Cardiovascular Medicine
The Ohio State University

Sreekanth Vemulapalli, MD

Associate Professor of Medicine
Duke University

David Wendell, PhD

Research Associate, Senior
Duke University

Jason Williams, MD

Assistant Professor of Pediatrics
Duke University

Schedule Overview

Monday, April 28th, 2025

8:00 am – 8:30 am

Registration

8:30 am – 5:00 pm

Welcome & Introductions:

Lectures: Introduction to cardiovascular MR imaging; MRI safety; MRI physics - Pulse sequences and image reconstruction; Imaging sequences for cardiovascular anatomy, function, viability, perfusion, flow, and angiography; and parallel imaging techniques

Tuesday, April 29th, 2025

8:30 am – 5:00 pm

Lectures: Technical review from Day 1; Overview of the core cardiac exam and assessment of ventricular function; Motion & heart rhythm artifacts; Overview of the SCMR Registry; Assessment of myocardial viability; MR perfusion stress testing; Incidental non-cardiac findings; and Valvular heart disease assessment

Wednesday, April 30th, 2025

8:30 am – 5:00 pm

Lectures: Other imaging artifacts (wrap, metal, etc.); Role of CMR in heart failure and cardiomyopathies; Identification and differentiation of cardiac masses; Assessment of the peripheral vascular system; Evaluation of the pericardium; CMR evaluation of ARVD; CMR imaging of patients with cardiac devices; and Guidelines for CMR quantitation and post-processing

Thursday, May 1st, 2025

8:30 am – 5:00 pm

Lectures: Assessment of the pulmonary veins; Assessment of cardiovascular hemodynamics including measurement of flow and shunts; CMR imaging of the coronary arteries; T2 and T2* mapping; T1 mapping and ECV quantification; and Assessment of the central vascular system

Case Review/Observation of patient cases

Friday, May 2nd, 2025

8:30 am – 3:00 pm

Lectures: Congenital Disorders I; Congenital Disorders II; CMR assessment of hypertrophic CM; and Advanced CMR techniques

Case Review/Observation of patient cases