

## Register

Please register on-line or complete the attached registration form and return by fax or email. The course will be held on Duke's campus and the fee includes tuition, teaching materials, continental breakfast and lunch, Enrollment is limited to 70 participants. Please notify Michele Parker (919-668-1671) should a cancellation be necessary. For cancellations prior to April 15, 2026, there will be a \$50 administrative fee charged to the registrant. After April 15, 2026, 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](http://medicine.duke.edu/DCMRC)

## Registration

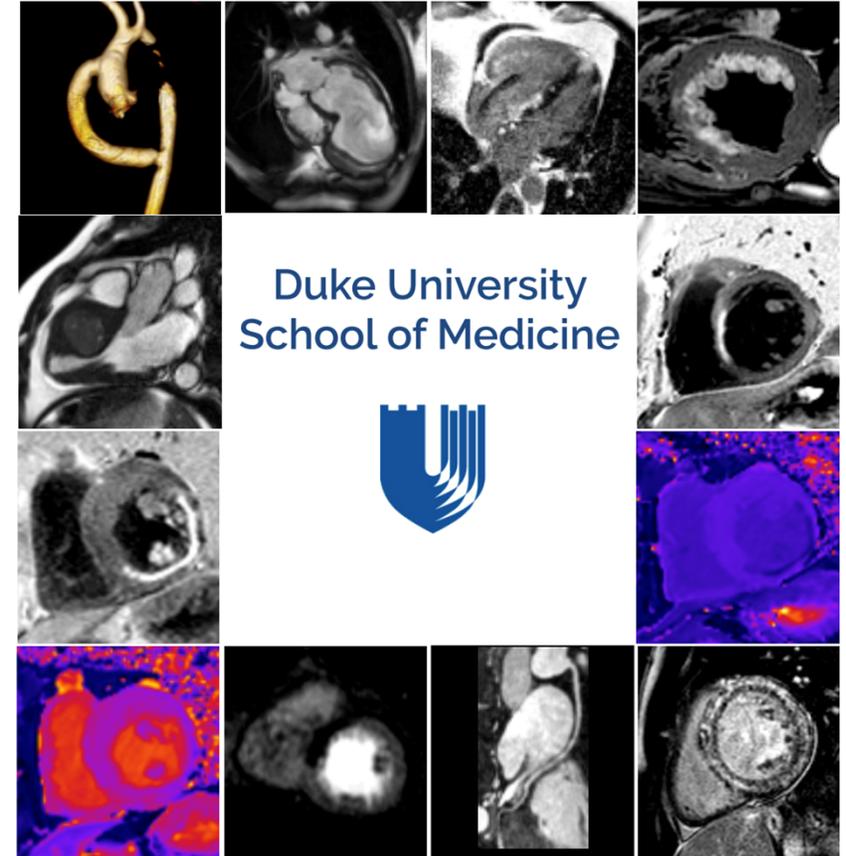
Online registration and credit card payment can be made at the DCMRC website: <https://events.duke.edu/spring2026dcmrc>

For payment by check, please mail the check and registration form to:  
Duke Cardiovascular MR Center  
DUMC – 3934, Durham, NC 27710

Phone: 919-668-1671 Fax: 919-668-3554  
Email: [michele.parker@duke.edu](mailto: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 27 – May 1, 2026  
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](http://www.apca.org)), but is also appropriate for physicians new to the field and for technologists.

## Course Faculty

### Raymond Kim, MD

Director, Duke CV MR Center  
Professor of Medicine and Radiology  
Duke University

### Fawaz Alenezi, MD

Associate Professor of Medicine  
Duke University

### Clerio de Azevedo Filho

Associate 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 Mammarrappallil, MD, PhD

Associate Professor of Radiology  
Duke University

### Andrew McCrary, MD

Associate Professor of Pediatrics  
Duke University

### Wolfgang Rehwald, PhD

Adjunct Professor of Medicine  
Duke University

### Sreekanth Vemulapalli, MD

Associate Professor of Medicine  
Duke University

### David Wendell, PhD

Research Scientist, Senior  
Duke University

### Jason Williams, MD

Assistant Professor of Pediatrics  
Duke University

## Schedule Overview

### Monday, April 27, 2026

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 28, 2026

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 29, 2026

8:30 am – 5:00 pm

**Lectures:** CMR evaluation of ARVD; Role of CMR in heart failure and cardiomyopathies; T2 and T2\* mapping; CMR imaging of the coronary arteries; T1 mapping and ECV quantification; CMR assessment of hypertrophic CM; and Guidelines for CMR quantitation and post-processing

### Thursday, April 30, 2026

8:30 am – 5:00 pm

**Lectures:** Assessment of the pulmonary veins; Assessment of cardiovascular hemodynamics including measurement of flow and shunts; Assessment of the central vascular system; Identification and differentiation of cardiac masses; Assessment of the peripheral vascular system; Evaluation of the pericardium; and Other imaging artifacts (wrap, metal, etc.);

**Case Review/Observation of patient cases**

### Friday, May 1, 2026

8:30 am – 3:00 pm

**Lectures:** Congenital Disorders I; Congenital Disorders II; CMR imaging of patients with cardiac devices; and Advanced CMR techniques

**Case Review/Observation of patient cases**