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; all attendees will be required to be fully COVID-19 vaccinated including a booster. Please notify Michele Parker (919-668-1671) should a cancellation be necessary. For cancellations prior to September 1st, 2022, there will be a $50 administrative fee charged to the registrant. After September 15th, 2022, 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/fall2022dcmrc
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

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Email: 
Phone Number: 
Medical Specialty:

☐ MD $3000 ☐ Technologist $2200 ☐ Trainee $1650

Duke Cardiovascular MR Practicum and CMR Board Review Course
October 3-7, 2022
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 to 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.

Raymond Kim, MD
Co-director. Duke CV MR Center
Professor of Medicine and Radiology
Duke University

Robert Judd, PhD
Co-director. Duke CV MR Center
Professor Emeritus of Medicine
Duke University

Michael J. Campbell, MD
Associate Professor of Pediatrics
Duke University

Igor Klem, MD
Associate Professor of Medicine
Duke University

Anna Lisa Chamis, MD
Associate Professor of Medicine
Duke University

Tina Tailor, MD
Assistant Professor of Radiology
Duke University

Stephen Darty, BS, RT-N, MR
CMR Technologist
Duke University

Wolfgang Rehwald, PhD
Adjunct Professor of Medicine
Duke University

Clerio F De Azevedo Filho, MD, PhD
Assistant Professor of Medicine
Duke University

Orlando Simonetti, PhD
Professor of Radiology and Cardiovascular Medicine
The Ohio State University

John Grizzard, MD
Associate Professor of Radiology
Virginia Commonwealth University
Medical Center

Sreekanth Vemulapalli, MD
Assistant Professor of Medicine
Duke University

Elizabeth Jenista, PhD
Research Scholar
Duke University

David Wendell, PhD
Research Associate, Senior
Duke University

Han Kim, MD
Associate Professor of Medicine
Duke University

Schedule Overview

Monday, October 3rd, 2022
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, October 4th, 2022
8:30 am – 5:00 pm  Lectures: Technical review from Day 1; Overview of the core cardiac exam and assessment of ventricular function; Assessment of myocardial viability; MR perfusion stress testing; Motion & heart rhythm artifacts; CMR imaging of the coronary arteries; and Valvular heart disease assessment

Wednesday, October 5th, 2022
8:30 am – 5:00 pm  Lectures: Other imaging artifacts (wrap, metal, etc.); Role of CMR in heart failure and cardiomyopathies; Incidental non-cardiac findings; T1 mapping and ECV quantification; CMR imaging of patients with cardiac devices; T2 and T2* mapping; and Guidelines for CMR quantitation and post-processing

Thursday, October 6th, 2022
8:30 am – 5:00 pm  Lectures: Assessment of the pulmonary veins; Assessment of cardiovascular hemodynamics including measurement of flow and shunts; CMR evaluation of ARVD; Identification and differentiation of cardiac masses; Assessment of the peripheral vascular system; Evaluation of the pericardium; and CMR assessment of hypertrophic CM

Case Review/Observation of patient cases

Friday, October 7th, 2022
8:30 am – 3:00 pm  Lectures: Congenital Disorders I; Congenital Disorders II; Assessment of the central vascular system; and Advanced CMR techniques

Case Review/Observation of patient cases