

# DCRI IMAGING

## Insightful Imaging Accelerating Research

The DCRI Imaging Program is at the forefront of imaging clinical research, with Duke Imaging and Radiology faculty and staff authoring national standards for clinical care and research. The program is one of the most respected imaging clinical trials groups in the world, providing experienced oversight and independent imaging management for all phases of clinical trials, including multicenter industry trials.

### Our imaging expertise encompasses all modalities and applications:

- Angiography
- Computed tomography
- Echocardiography
- Electrocardiography
- Positron emission tomography
- Ultrasound
- X-ray

#### DCRI IMAGING OFFERINGS

##### Thought leadership

- Trial design
- Imaging design
- State-of-the-art imaging techniques
- Results interpretation and dissemination

##### Regulatory and policy expertise

- FDA panels and committees
- Submission experience
- National guidelines authorship

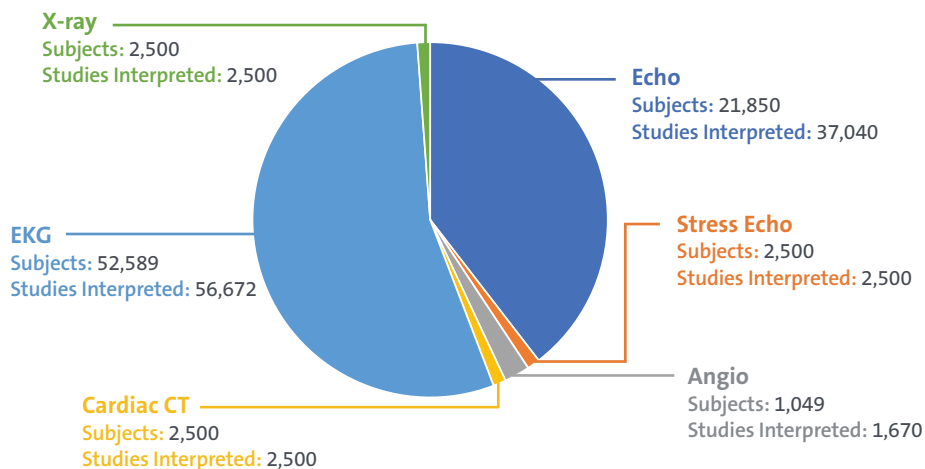
##### Efficient and knowledgeable operations

- Project management
- Trial setup
- Site image acquisition and analysis
- Reproducibility testing and remediation
- Data quality assurance
- Compliant with good clinical practice guidelines

##### Image-management solutions

- Web-based image transfer linked to EDC
- Web-based PACs system for site and sponsor review
- Secure, cloud-based image storage
- State-of-the-art analysis systems

#### IMAGING EXPERIENCE IN CLINICAL TRIALS AND RESEARCH



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Find out more  
about DCRI Imaging.

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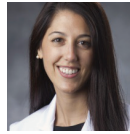
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[dcri.org/imaging](http://dcri.org/imaging)

## IMAGING LEADERSHIP



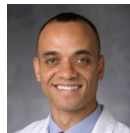
**Melissa A. Daubert, MD, FASE, FACC, FSCCT** is the Medical Director of the DCRI Imaging Program and Associate Professor of Medicine in the Division of Cardiology at Duke University Medical Center. Dr. Daubert is multi-modality cardiac imager, clinical researcher and Director of the Women's Cardiovascular Health Program. Her clinical research is focused on using cardiovascular imaging to identify novel imaging biomarkers for cardiac risk prediction and optimizing non-invasive imaging for the diagnosis and treatment of cardiovascular disease.

Dr. Daubert is an Associate Editor for the American Heart Journal and a member of the Editorial Board of Circulation: Cardiovascular Imaging. She currently serves on the American Heart Association Cardiac Imaging Committee, is Co-Chair of the Research Committee for the American Society of Echocardiography (ASE), and has traveled internationally to engage in humanitarian work with the ASE Foundation.



**Pamela Douglas, MD, MACC, FASE, FAHA** is the founding director of the DCRI Imaging Program and the Geller Professor of Research on Cardiovascular Diseases in the Department of Medicine at Duke. A past president of the American College of Cardiology and American Society of Echocardiography, her 30+ years of experience include leading a variety of multicenter industry and NIH trials and authorship of more than 400 peer-reviewed manuscripts. She is renowned for her work in improving the quality of imaging care. In clinical trials, she has

led the development and dissemination of national standards for core lab best practices and the appropriate incorporation of imaging results into overall trial analysis.



**Gerald S. Bloomfield, MD, MPH, FACC, FASE, FAHA** is an Associate Professor of Medicine in the Division of Cardiology at Duke University. Dr. Bloomfield is faculty at the Duke Clinical Research Institute and holds a secondary appointment as Associate Research Professor of Global Health at the Duke Global Health Institute. His research interests are in the epidemiology, treatment and prevention of cardiovascular diseases domestically and in the global health context.

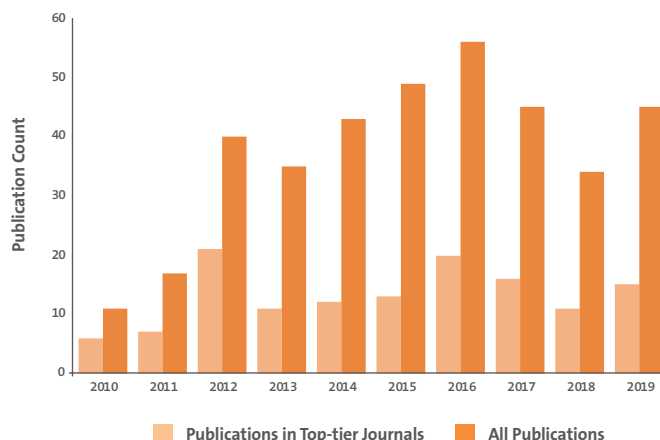
Domestically, Dr. Bloomfield leads an NIH-funded research program in clinical care pathways for people living with HIV. He is particularly focused on heart failure and HIV-associated cardiovascular diseases, where he studies the application of ultrasound imaging to detect and predict myocardial dysfunction in HIV-infected individuals.



**Lynne Hurwitz Koweek, MD, FSCBTMR, FSCCT** is a Professor of Radiology in the Division of Cardiothoracic Imaging at Duke University. Dr. Koweek is Director of Non-Invasive Cardiovascular Imaging, Medical Director of CT at Duke Hospital and has an adjunct appointment in the Department of Medical Physics. She has served as Chair of the American Roentgen Ray Society Scientific Program Task Force and Body Imaging Committee on Cardiovascular Imaging. She has authored several scientific papers and guidelines including

Appropriateness Criteria on Cardiac Imaging for the American College of Radiology.

## IMAGING FACULTY PUBLICATIONS 2010-2019



Duke Clinical Research Institute

FROM THOUGHT LEADERSHIP  
TO CLINICAL PRACTICE