



ADVANCED CARDIAC SONOGRAPHY PROGRAM

ABOUT THE PROGRAM

The CRMC Advanced Cardiac Sonography Program has been developed in response to the Cardiology and Echocardiography profession request and need to create a career track for sonographers who practice at an advanced level in the echocardiography laboratory. The objective of this educational program is to prepare graduates who are committed to improving lab quality and efficiency through preparing preliminary echo assessments; performing advanced echocardiograms; mentoring fellows, students, residents, and staff; developing and implementing educational plans; facilitating continuous quality improvement; and coordinating cardiac ultrasound research.

PROGRAM DESIGN

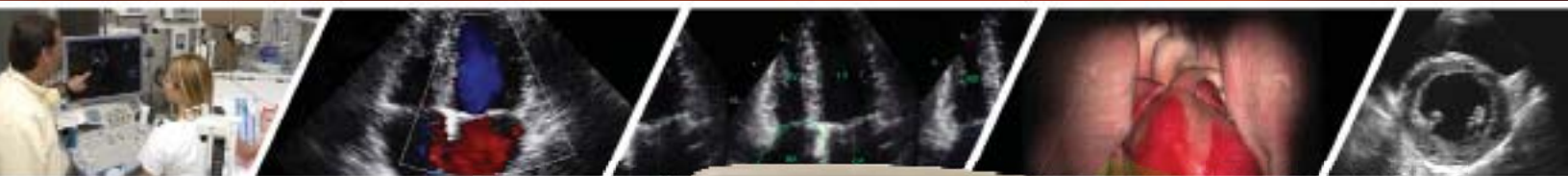
The hybrid program design will be utilized. The didactic component will be delivered online with minimal SKYPE instruction. The clinical internship will be completed onsite at Community Regional Medical Center in Fresno.

COMMUNITY REGIONAL MEDICAL CENTER

CRMC provides central California residents with the highest level of care available in the region. Our affiliation with University of California San Francisco Medical School – one of the top medical schools in the nation – gives students access to some of the brightest medical specialists in the country.

PROGRAM CURRICULUM

- Advanced Cardiac Hemodynamics
- Physics and Instrumentation
- Instructional Techniques
- IAC Accreditation Preparedness
- Clinical Trials & IRB Methodology
- Congenital Cardiovascular Disease
- Acquired Cardiovascular Disease
- Comparative Imaging Analysis
- Medical/Surgical Treatment of Cardiovascular Disease
- Advanced Echocardiographic Modalities
- Cardiovascular Pharmacology
- Research Methods & Biostatistics
- Image Critique & Analysis 1 & 2
- Advanced Cardiac Sonographer Credential Exam Review
- Clinical Internship



PROGRAM DIRECTOR

Joy Guthrie, PhD., ACS, RDMS, RDCS, RVT
Assistant Professor of Medicine, UCSF-Fresno
Echocardiography

MEDICAL DIRECTOR

Teresa Daniele, MD
Assistant Professor of Medicine, USCF
Cardiologist

PREREQUISITES

- Bachelor's Degree (*any subject*)
-- or -- Graduate of a CAAHEP-accredited Adult Cardiac Sonography Program
- Credentialed Sonographer in Adult Echocardiography (*RDCS or RCS*)
- 3 Years Clinical Experience in an Echocardiography Lab
- College-level Courses (*GPA >2.5*)
Anatomy Physiology Physics Communication
English Math Medical Terminology

MORE INFORMATION

Web Page
www.communitymedical.org/acsp

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PROGRAM COST ... \$11,020.00

(Excluding Travel and Lodging Expenses)