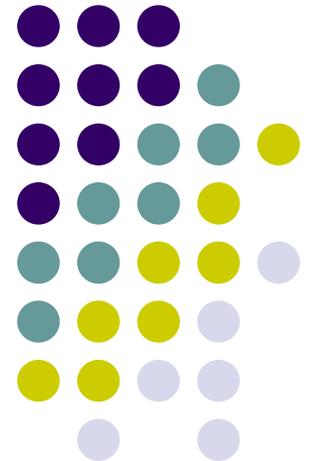
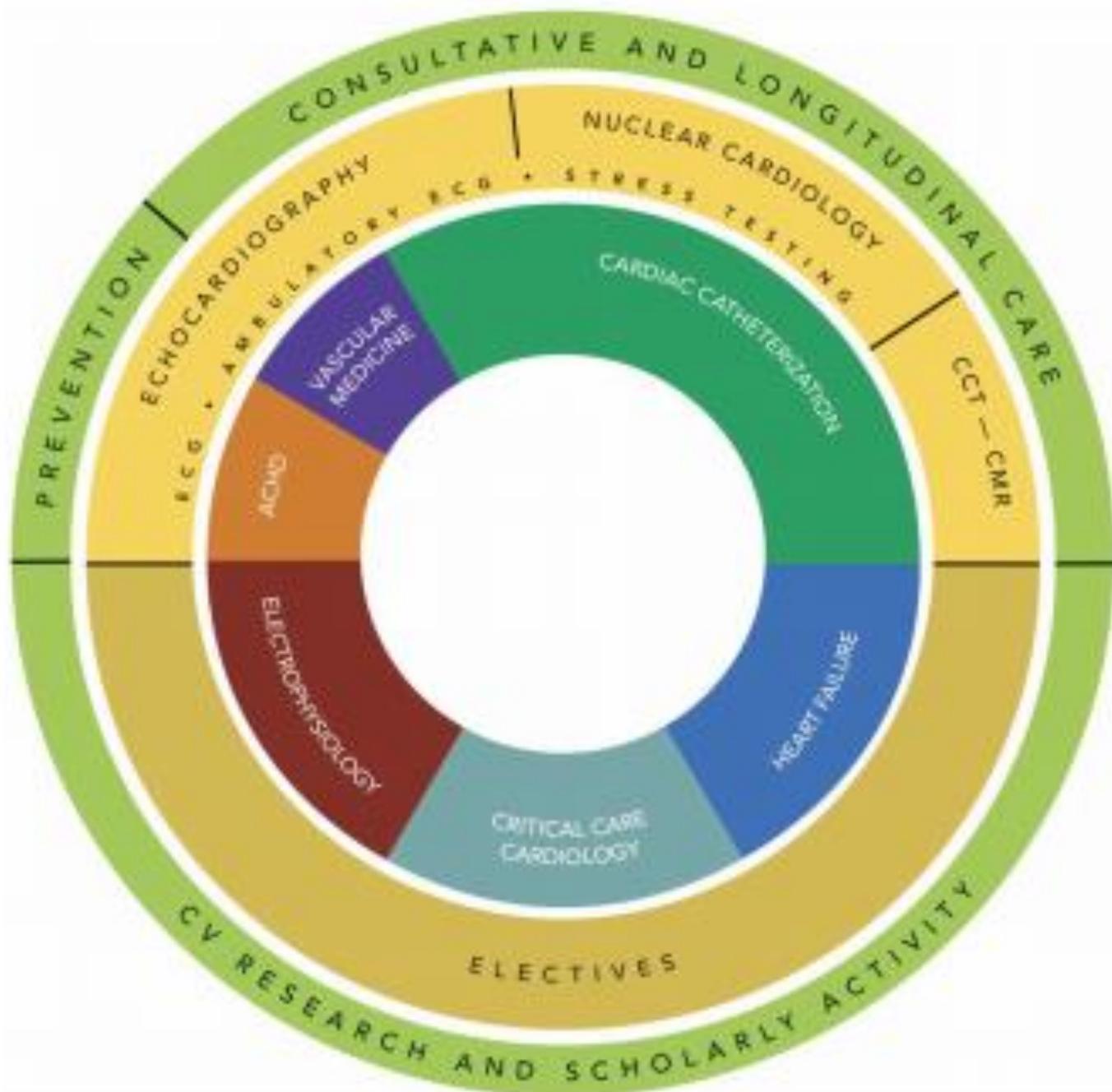
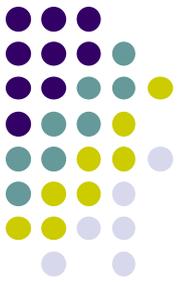


COCATS-4 and the Cardiovascular Medicine Training Program

Stanford University



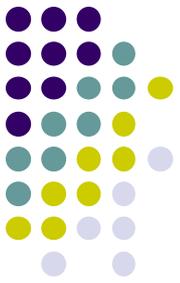




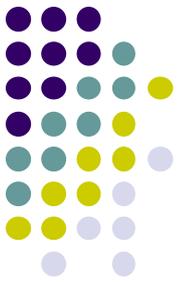
COCATS-4 Major Points

- Stronger focus on ambulatory, consultative, and longitudinal care
- Increased emphasis on noninvasive imaging
 - Echo
 - Nuclear
 - CCT
 - CMR
 - General de-emphasis in cath lab rotations

COCATS-4 Major Points



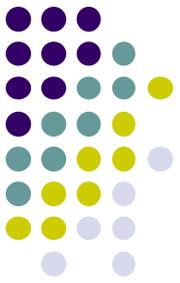
- Appropriate application of invasive and interventional cardiology
- Diagnosis and management of cardiac arrhythmias and conduction disorders
- Essentials of critical care cardiology



ACGME Requirements

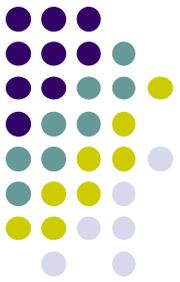
- 2 years of clinical experience (minimum)
- 4 months cardiac cath lab
- 6 months noninvasive imaging
 - 3 months echo/Doppler
 - 2 months nuclear cardiology
 - 1 month noninvasive cardiac evaluations
 - ETT; ECG interpretation; ambulatory ECGs
 - Concurrent

ACGME Requirements



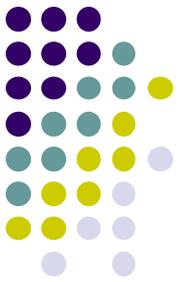
- Experience in CT, PET, CMR, and PV imaging
 - Concurrent
- 2 months EP
- 9 months non-laboratory clinical practice activities
- Continuity clinic

The Numbers



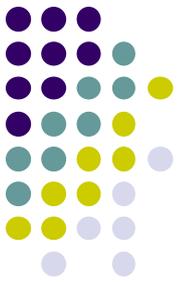
● DC Cardioversion	10
● Echo	75/150
● ETT	50
● Cath	100
● ECG	3500
● Nuclear	100

Not all programs are structured identically



- ACGME Requirements
- Resources available
- Fellow composition
- Mission of the Program
- COCATS

Combined Clinical and Research Training Academic Training Program Overview



- Our Goal: Train Academic Cardiologists
- Our Role: Provide facilities, milieu, administrative support, guidance, mentors for outstanding clinical and research training and launching of a lifetime career.
- Three to five-year combined clinical and research training
- Generally start with clinical training (pros & cons)
 - Option: Three-year cardiology, plus advanced training (EP/Interventional/Heart Failure/Transplant/Imaging)
 - Option: Clinical Investigator Pathway
- Transitional appointments: Staff physician, research fellow
- Establish credibility as independent clinician and investigator



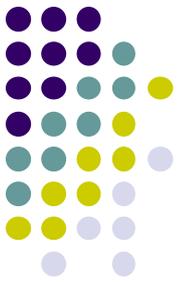
Clinical Training

- Broad base of clinical training with adjustment to reflect long-term goals
- Program flexibility based on diversity of fellow interest / goals
- Adjust rotations to need in 2nd year
- Meet ACGME/ABIM and ACC Task Force COCATS Guidelines
- In-patient training
 - SUH – hybrid hospital, large referral base, interact with patients as sub-specialist
 - PAVA – state of the art facility, broad referral base, active outreach, interact with patients as complete provider
- Didactic
 - Summer curriculum
 - Core / Clinical conferences
 - Journal Club

Conferences

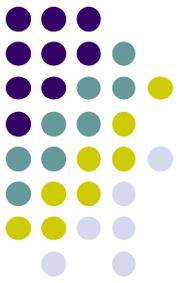
Monday 12pm	Clinical Cardiovascular Imaging conference Required for Imaging Fellows	CVRC Library
Tuesday 7:30am	Core Curriculum ECG Teaching 7:30-8:00 Didactic Lecture Series	LKS/Falk Library (REQUIRED)
Tuesday 12pm	CVI Frontiers in Cardiovascular Science	CVRC Library
Tuesday 6pm	Junior Fellow Orientation Curriculum “Summer Boot Camp”	CVRC Library (July – September)
Tuesday 6:30pm	Journal Club (2nd Tues of each month)	Faculty Home or CVRC (REQUIRED)
Wednesday 7:30am	Interventional Conference	Interventional Cardiology Conference Room
Wednesday 8 am	Medicine Grand Rounds	LKS Auditorium
Wednesday 12pm	MED 223B Cardiopulmonary Concentration	CVRB Library
Thursday 7:30am	ECG/Electrophysiology Conference (3rd or 4th Thursday of each month)	Vascular Medicine Conference Room
Thursday 8am	Cardiology Grand Rounds	CVRC Library (REQUIRED)
Thursday 12pm	Cardiomyopathy Multidisciplinary Conference	CVRC Library
Thursday 4pm	Cardiopulmonary Research in Progress Seminar Series	CCSR-4105
Friday 7am	Transplant Working Conference	CVRC Library
Saturday 8am	CV Medicine/CT Surgery/Interventional Radiology Multidisciplinary Conference	CVRC Library

Recent Curriculum Changes



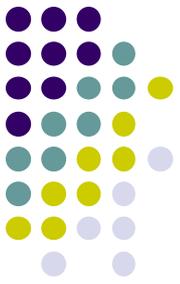
- Reduction in Cath Lab rotations
- Increased emphasis on Imaging
- Incorporation of ACHD into the curriculum
- Mentor Presentations in September
 - Basic Science Faculty
 - Clinical and Translational Sciences Faculty
- Fellow Research Presentations

Administrative



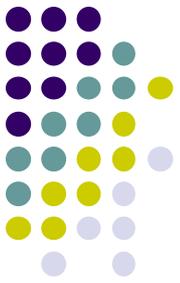
- Staff: Laura Doderer, Erika Marr-Polasky, Kavita Narayan
- Clinical Years: GME / Hospital appointment. Salary based PGY (2015/2016, PGY4 = \$72,092), 100% benefits for dependents. \$3,000 taxable moving allowance (out-of-area only). \$2,000/yr educational allowance; \$1,000 contract bonus (cell phones, etc.). Reimbursement for new California license.
- Research Year(s): Postdoc / University appointment but administered through GME Office. Salary and benefit parity

Miscellaneous Components of Fellowship Training

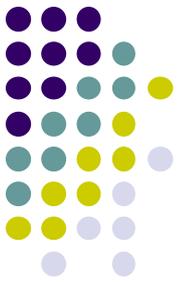


- MENTORING!!!!!!
- Elimination of gratuitous service
- Trust
- High Expectations
- Fun

Journal Club



Journal Club/Retreat



Journal Club

