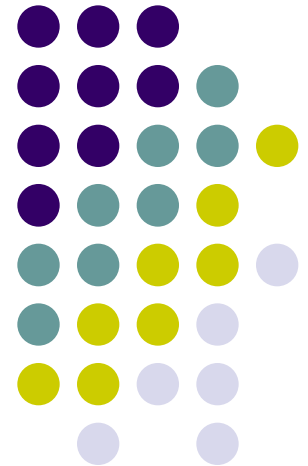


# **COCATS-4 and the Cardiovascular Medicine Training Program**

---

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 2<sup>nd</sup> 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
<b>Tuesday 7:30am</b>	<b>Core Curriculum ECG Teaching 7:30-8:00 Didactic Lecture Series</b>	<b>LKS/Falk Library (REQUIRED)</b>
Tuesday 12pm	CVI Frontiers in Cardiovascular Science	CVRC Library
Tuesday 6pm	Junior Fellow Orientation Curriculum “Summer Boot Camp”	CVRC Library (July – September)
<b>Tuesday 6:30pm</b>	<b>Journal Club (2nd Tues of each month)</b>	<b>Faculty Home or CVRC (REQUIRED)</b>
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
<b>Thursday 8am</b>	<b>Cardiology Grand Rounds</b>	<b>CVRC Library (REQUIRED)</b>
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



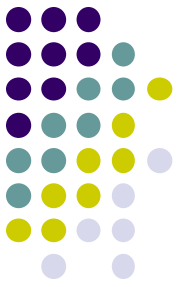
- MENTORING!!!!!!
- Elimination of gratuitous service
- Trust
- High Expectations
- Fun

# Journal Club





# Journal Club/Retreat





# Journal Club

