

MED INTO GRAD LESSONS LEARNED

LOOKING BACK...2006 AWARDEES

<p>Ph.D. Program</p> <p>Baylor Case Western/Cleveland Clinic</p>	<p>Master's Program</p> <p>Stanford UC Davis <i>(or designated emphasis)</i></p>
<p>Certificate Program</p> <p>Harvard UNC UW</p> <p>MIT UPenn Yale</p>	<p>Enrichment Program</p> <p>Rice UAB UCSD</p>

- Zero – one additional year of time to Ph.D.
- Program sizes range from 4-20 students annually and when students enter varies
- Nearly 400 students have participated

COMMON PROGRAM STRATEGIES

Clinical Co-mentorship



Clinical Experience



Curriculum Development



Community-building Activities



1. CLINICAL CO-MENTORSHIP

- Formal and informal mentors
- An effective clinical co-mentor must understand and be committed to graduate education and the research perspective.
 - Oversight committee to choose appropriate mentors
 - Student/faculty handbooks to define role and responsibilities of mentor
- A forced clinical mentor/student relationship is often ineffective and counterproductive.
- A major challenge is recruiting the appropriate individuals to serve this role.
- Monetary compensation is not always necessary.



Rice University



*P. Kay Lund, PhD
Professor of Physiology
Pediatrics; Nutrition*



*Kathryn Hamilton
Physiology - UNC*



*Robert S. Sandler, MD, MPH
Distinguished Professor
Chief of GI*

2. CLINICAL EXPERIENCE

- Length
 - Short: 1 month – 1 semester
 - Long: 1 – 2 years
 - Throughout graduate study
- Two main types: generalized or focused
- Individual or group setting (*e.g. grand rounds*)
- Helps for the student to review actual cases with mentors and/or medical students, residents, or fellows
- Develop the experience based on expertise available and need for flexibility.
- The right mentors will want to participate.
 - Investigate all of the institution's resources
 - Clinical fellows are an excellent resource
- Prepare the student for the clinical experience with medically-relevant coursework and other information.



Baylor College of Medicine



University of Alabama

3. CORE MIG CURRICULAR ELEMENTS

- All programs require an understanding of: human physiology, and pathology/ pathophysiology.
- All students must take a translational or molecular medicine course.
- Most programs require or offer as an elective: biostatistics, pharmacology, medical genetics, and immunology.
- All curriculum consists of: existing med or grad school courses, modified courses, or new courses.



*Gross Anatomy Laboratory
with Dr. Peek at Rice University*



4. COMMUNITY-BUILDING ACTIVITIES

- Journal clubs, seminars, retreats/socials, and peer mentoring
- Activities only open to students and faculty participating in program
- Main challenge is finding the time to do these activities
- Students enjoy activities that have a clinical component



Social activity for scholars and faculty at UC Davis



MOVING FORWARD...2010 AWARDEES

Ph.D. Program

Baylor
CWU/Cleveland Clinic
Memorial Sloan-Kettering
Univ of Rochester

Master's Program

UC Davis
(or designated emphasis)
UCSF
Univ of Chicago

UT Southwestern
(or emphasis Ph.D. track)
Univ of Utah

Certificate Program

Emory
Harvard
UNC

UPenn
UW
Vanderbilt
Yale

Enrichment Program

Columbia
Cornell
Ohio State
Rice

Tufts
UAB
UCSD

LESSONS LEARNED BREAKOUT GROUPS

	D124 <i>notetaker:</i> <i>Anh-Chi Le</i>	D125 <i>notetaker:</i> <i>Melissa Jenkins</i>	D115 <i>notetaker:</i> <i>Maryrose Franko</i>	D116 <i>notetaker:</i> <i>Leny Bautista</i>	Lounge 1 <i>notetaker:</i> <i>Deb Felix</i>
2:45 p.m. Clinical Mentorship	Group 1	Group 2	Group 3	Group 4	Group 5
	Baylor	Harvard	Cleveland Clinic	UAB	Rice
	UWashington	UNC	UPenn	UC Davis	UCSD
	Sloan-Kettering	Cornell	Emory	Yale	Columbia
	U Rochester	UCSF	U Chicago	Ohio State	Tufts
	Vanderbilt		UTSW	U Utah	
3:30 p.m. Clinical Experiences	Group 1	Group 2	Group 3	Group 4	Group 5
	UPenn	UWashington	UNC	UC Davis	UCSD
	UAB	Rice	Baylor	Harvard	Cleveland Clinic
	Cornell	Emory	Columbia	Sloan-Kettering	Yale
	Tufts	UCSF	Ohio State	U Chicago	U Rochester
	UTSW		U Utah	Vanderbilt	
4:15 p.m. Core MIG Curricular Elements	Group 1	Group 2	Group 3	Group 4	Group 5
	Harvard	UAB	Yale	Cleveland Clinic	Baylor
	UPenn	UCSD	UNC	UWashington	UC Davis
	Columbia	Sloan-Kettering	Rice	Cornell	Emory
	U Rochester	UCSF	U Chicago	Ohio State	Tufts
	UTSW		U Utah	Vanderbilt	
5:00 p.m. Community- Building Activities	Group 1	Group 2	Group 3	Group 4	Group 5
	Rice	UNC	UCSD	UPenn	UWashington
	UC Davis	Cleveland Clinic	Harvard	Baylor	UAB
	Cornell	Sloan-Kettering	Emory	Yale	Columbia
	U Rochester	Tufts	Ohio State	UCSF	U Chicago
	UTSW		U Utah	Vanderbilt	