

Summer Medical Research Programs

- There exist a variety of targeted programs (here and at other institutions) to promote research among medical students: bulletin boards near student mailboxes and outside Y5.322
- At UT Southwestern, opportunities are available in almost any area: identifying a mentor and the definition of a project are all that are required
- During the summer of 2011, more than **140 students** participated in clinical, basic, or translational research projects.
- Deadlines for paperwork for next summer will be February 15 deadline and the March 15
 - Research Interest meeting: September 26, 2011

Medical Student Research Forum

- 50th Annual Forum will be held January 17, 2012
 - Oral and poster presentations, dinner reception
- Guest speaker: Joseph L. Goldstein, MD
- Abstract forms available & to be submitted on line
- Abstract deadline: November 14, 2011
- Panel of judges will select the top abstracts: oral session presentations
- All students submitting abstracts are eligible to participate in the poster session/reception
- Prizes will be awarded for the top oral and poster presentations

Medical Student Research Forum

Abstracts

- Everyone is invited to submit
- Success of your project is not a prerequisite
 - Exposure to faculty and fellows that share your interests
 - Efforts in science are not always successful
 - Presentation is an essential element of science
 - Conception → Execution → Reporting
- The abstract book is published
- Participation and publication should be listed on your CV

Year-long Programs

- Doris Duke Clinical Research Fellowships
- HHMI Research Fellowships
- Dean's Research scholar
- 'Cloisters' (NIH-HHMI Research Fellowships)
- Sarnoff Research Fellowships
- Fulbright Scholar

- Stipend + Educational expenses; more importantly for those that have an interest in research, these programs are 'Golden Tickets'

- MD-Masters in Clinical Science – 2 year out program – tuition and stipend for 2 graduate years and final year of medical school

M.D., with Distinction in Research

- I. Purpose: To recognize students that distinguish themselves in the conduct of meaningful clinical or basic research activities during the course of their medical school training.
- II. Outcome: Individuals satisfying the program requirements would be recognized at graduation and on their diploma as graduating with:

**the degree of
Doctor of Medicine,
with Distinction in Research**

M.D., with Distinction in Research

- Research may be in the area of clinical or basic research and should encompass a minimum of **16 weeks**.
 - **2 summer periods, 1 summer + 2 electives, year-long**
- Research successfully performed toward attainment of a Ph.D. would not be eligible for this program.
- Research performed under the auspices of a nationally recognized research program (e.g. Sarnoff, Cloisters, HHMI, or Doris Duke Clinical Research programs) during medical school will be eligible for fulfillment of the research requirement.

Southwestern Medical Student Research Society (SMSRS)

- The Southwestern Medical Student Research Society (SMSRS) was founded in 2009.
- This organization is dedicated to providing a forum for the development and interaction of students highly motivated to conducting research.
- Nominations for membership will be solicited and reviewed annually.

Southwestern Medical Student Research Society (SMSRS)

<u>Student</u>	<u>Projected Medical School Graduation / Other Programs</u>	<u>Position</u>	<u>Inducted</u>
	<u>Founding Members</u>		
Megan B. Wachsmann	2012 / MD-Masters	President	2010
Anandita Agarwala	2013	Co-president elect	2010
Doan Dao	2013 / 2 years of research, MSc candidate	Co-president elect	2010
Kathryn Bowman	2013		2010
Ankit Garg	1st year PhD student (completed 2 years of Medical School)		2010
Darrah Haffner	2nd year		2010
Lindsay Horton	2014 / Doris Duke Fellow 2011-2012		2010
Tom Ju	2013 / HHMI Fellow 2011-2012		2010
Zishan Anis Hirani	2015 / John Hopkins MHS in Health Economics program 2011-2013		2010
Tori Sutherland	2013		2010

Research and Medicine Seminars

- Experimental approach to bringing into focus the impact of research on the practice of medicine
- Case-based approach presenting data by which the information derived from the understanding of a disease at a mechanistic level has been harnessed to derive important new avenues of treatment – and how these are implemented in patients
- Noon, usually D1.600 or 700
- These are some of the ‘public functions’ that are sponsored and facilitated by members of the Southwestern Medical Student Research Society

Research and Medicine Seminars

Fall - 2011

Lauren Edelman, MS4 MD, with Distinction in Research candidate	“Genetic and molecular dissection of rhabdomyosarcoma tumorigenesis”	August 22, 2011 Noon, D1.600
Michael McPhaul	“Research Interests Meeting”	September 26, 2011 Noon, D1.600
Pablo Mora	“Treatment of Diabetes Mellitus”	October 19, 2011 Noon, D1.602

Broad Range of Research Opportunities

- Students are strongly encouraged to take advantage of opportunities for funded research – here and at other institutions
 - Often competitive
 - NIH, HHMI, St. Jude's
- Research in Emerging Diseases – limited number of opportunities for highly qualified individuals
 - Lima, Peru
 - Cape Town, South Africa

Calendar of Events

- Research Interest meeting: September 26, 2011
 - Year-long programs & visitors from the different programs
 - Planning for the Medical Student Research Forum
- MSRF abstracts due: November 14, 2011
 - Judging and selection for oral session usually completed ~ Thanksgiving
- Application deadlines for the year-long programs are variable (generally in early January)
- Medical Student Research Forum: January 17, 2012
- Research and Medicine Seminar Series: variable
 - Held at approximately monthly intervals, scheduled around the minefields that are the MS1 and MS2 curricula; D classrooms, noon.