

October 30, 2013

Association of MD-PhD Programs; contacts Robin Lorenz and Joe Barbieri

Compilation of MD-PhD Training during the clinical years

MD-PhD Training during clinical years	
Research Outcome	
Return to work in the laboratory where dissertation research was conducted. These studies may represent new research or address revision requirements for manuscripts submitted before and/or coincident with the PhD defense	Continue to publish within their dissertation research topic
Clinical clerkships often inspire trainees to pursue research in important medical problems which many trainees do not encounter until their clinical years	Expand an appreciation for opportunities into the translational possibilities of their research experience
Conduct research at a laboratory at another medical school	Train and publish in an area of research that is unique to dissertation research
Conduct research in clinical departments and be exposed to new technologies in new area of research	Extend their research training experience
Attend scientific seminars sponsored by graduate training programs, departments, centers, and institutes	Continued graduate research exposure
Conduct clinical research in an area of research relative to dissertation project	Have a translational research training experience
Conduct research during specific clerkship times, sometimes described as a "Research Elective"	Receive credit for developing and conducting research during M3/M4 training (research clerkship)
Attend scientific meetings relevant to dissertation work	Continued graduate research exposure
Clinical Practicum class where teams of MD-PhD students identify a clinical project that requires obtaining patient data and IRB approval. The clinical trial is designed and conducted with oversight by a senior faculty member	Learn how to design and conduct clinical research trials
Professional Outcome	
Mentor junior MD-PhD students (examples include "Conversations in Research" class)	Develop mentoring and advising skills
Tutor medical students and graduate students	Develop teaching skills
Continue to work in dissertation laboratory to guide current lab members	Develop mentoring skills
Involvement in Graduate school and/or Graduate Program student government and career interest groups, and informal advising of junior graduate students	Develop leadership skills
M4 year trainees write an R21 type grant	Develop mentored grant writing skills
M3/M4 teach a MD-PhD Grand Rounds that is a forum for patient-centered discussions that emphasize the intersection of science and medicine	Develop presentation and teaching skills

October 30, 2013

Association of MD-PhD Programs; contacts Robin Lorenz and Joe Barbieri

Compilation of MD-PhD Training during the clinical years

MD PhD M4's teach MD PhD M3's intensive re-introduction to clinical medicine. Five days of didactics (review/practice history taking, physical exam skills, oral presentations, analysis of basic clinical data through clinical cases)	Develop teaching skills
M3 year trainees present research seminars at CTSI seminar series for clinical and medical trainees	Develop teaching skills