Highlights of the Clinical Pharmacology and Pharmacogenomics Fellowship

Trainees can choose from a wide variety of opportunities available at the University and select a research mentor from their field of interest. A minimum of 80% of time is devoted to research efforts.

The Committee on Clinical Pharmacology and Pharmacogenomics Faculty oversee the training program. This diverse group, drawn from numerous Departments across the institution, is able to provide an environment for the exchange of ideas and sharing of resources across specialty and discipline boundaries. Interactions among the faculty occur at the traditional Department (or Section) level, and across disciplines through conferences and teaching activities of the Committee. Opportunities for interdisciplinary training and exposure are not limited solely to the Committee. Research mentors routinely refer trainees to specific enrichment opportunities outside of their field. The Committee faculty has expertise in many areas of collaborative research and the establishment and expansion of these collaborative efforts provide an ideal environment for training fellows in the broad applications of clinical pharmacology and pharmacogenomics.

Clinical Pharmacology fellows rotate through various departments and committees during their two year training period in order to have a broad exposure to clinical pharmacology in practice. Six months of service are dedicated to each of the following rotations:

- **Clinical Pharmacology Consultation Service**
  - Fellows work closely with a senior member of the committee to help clinicians make drug dosing and delivery decisions on hospitalized patients. Consults include drug dosing with organ failure, dose modifications for severe toxicities, pharmacogenetic based dosing as well as therapeutic drug monitoring based dosing.

- **University of Chicago Institutional Review Board**
  - Fellows spend 6 months as a non-voting member of the University of Chicago IRB. Fellows review and summarize protocols submitted to the IRB and give their recommendations to the voting committee. This rotation provides exposure to the inner workings of an academic IRB and highlights common strengths and weaknesses of clinical trials.

- **University of Chicago Pharmacy and Therapeutics Committee**
  - Fellows spend 6 months as a member of the hospital’s Pharmacy and Therapeutics Committee where hospital-wide drug safety concerns, new
additions to the formulary and therapeutic drug monitoring policies are discussed. Fellows are expected to present on each of these topics throughout their rotation.

Didactics throughout the two year training include coursework in Advanced Clinical Pharmacology, Pharmacogenomics, Clinical Research Design and Biostatistics. Fellows also act as teaching assistants for MED-777, an Advanced Pharmacology course for fourth year medical students at the University.

In addition, fellows attend the annual American Society of Clinical Pharmacology and Therapeutics (ASCPT) meeting and are expected to present their research at this meeting during their second year of training. Enrollment in a Clinical Pharmacology Board Review course at an ASCPT annual meeting will be provided by the Committee to all senior fellows. Graduating fellows are well prepared to succeed on the American Board of Clinical Pharmacology exam and become Board-certified Clinical Pharmacologists.

Please visit http://ccppbsd.uchicago.edu for more details regarding the Clinical Pharmacology and Pharmacogenomics Fellowship.