

**Course/clerkship:** Clinical Pharmacology and Therapeutics

**Director:** David Nierenberg, MD

**Year:** 4 (updated 9/07)

COMPETENCY	WHAT WE TRY TO COVER	HOW WE TRY TO ASSESS COMPETENCY
<b>1. Medical knowledge</b> about established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences.	Core clinical pharmacology topics (i.e. kinetics, ADRs) Application to specific conditions (i.e. shock, acute MI, etc) Statistical analysis	Final exam (MCQ, essay) Class case discussions Paper (consultation or ethics issue)
<b>2. Clinical Skills for providing patient care</b> that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.	How to individualize therapeutic plans for each patient Importance of the therapeutic alliance	Paper (consultation)
<b>3. Interpersonal and communication skills</b> that result in clear and communication with patients, their families, peers, and health professionals.	Therapeutic alliance MedWatch forms Analysis of case Providing drug information to patient Accessing CP Online	Written case consultations Submitted MedWatch forms Submitted drug information sheets Submitting CP Online worksheets
<b>4. Professionalism</b> as manifested through a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.	Discussion of a variety of ethical topics related to drug discovery, approval, marketing, advertising, prescribing, conflicts of interest, etc	Written paper about ethical issues
<b>5. Practice-based learning and improvement</b> that involves investigation and evaluation of student's own patient care, appraisal and assimilation of best scientific evidence, planning improvements in medical care, and skills for lifelong learning.	Root cause analysis of medical (drug) errors Assessing ADRs and ADEs Accessing best available data How to read and analyze primary literature Promote lifelong learning (i.e. Medical Letter, CP On Hand)	Written assignment of ADRs Submitted literature search Submitted evaluation of course
<b>6. Systems-based practice</b> as manifested by actions that demonstrate teamwork, responsiveness to the larger context and system of health care, and the ability to effectively call on appropriate system resources when needed.	Presentation of roles of pharmacist, nurse, clinical pharmacist, and other members of healthcare team	