



UNC  
ESHELMAN  
SCHOOL OF PHARMACY

## **Principles of Pharmacokinetics DPET 855**

Fall 2009

Classes: 80 minutes twice per week

Course Director: Mary F. Paine

Eshelman School of Pharmacy, UNC-Chapel Hill

The course is taught by a core team of UNC faculty with expertise in pharmacokinetics.

### **Course objectives**

1. Review fundamental principles underlying pharmacokinetic systems.
2. Introduce principles of pharmacokinetic model development, utilizing common kinetic systems as examples.
3. Discuss a variety of techniques used to recover estimates of key pharmacokinetic parameters.