

## PRECEPTORS AT UNC

Kim L. R. Brouwer, PharmD, PhD:

Dr. Brouwer is Chair of the Division of Pharmacotherapy and Experimental Therapeutics. Her research focuses on hepatic disposition of xenobiotics and alterations due to disease states, age, patient variables, pharmacologic and/or toxicologic interactions; the development and refinement of *in vitro* model systems to predict *in vivo* hepatobiliary drug disposition and drug interactions; and hepatotoxicity.

Mary Paine, PhD, RPH:

Dr. Paine is an assistant professor in the Division of Pharmacotherapy and Experimental Therapeutics. Her research interests include drug metabolism and transport, clinical pharmacokinetics, and drug-xenobiotic interactions. She also directs the UNC Eshelman School of Pharmacy's Cellular Metabolism and Transport Core.

Adam M. Persky, PhD:

Dr. Persky joined the UNC faculty in 2004 after completing the Clinical Pharmacokinetics Fellowship with GlaxoSmithKline. His research interests include the disposition and action of dietary supplements and the interaction of exercise and/or nutrition on drug disposition and action.

Visit the Division of Pharmacotherapy & Experimental Therapeutics homepage to find out more about our faculty, research, and programs:

<http://www.pharmacy.unc.edu/dpet>

## About the Area

Founded in 1789, the University of North Carolina at Chapel Hill was the first public university created in the United States. Chapel Hill is located approximately two hours west of the Atlantic Ocean and two hours east of the Appalachians. In close proximity to the university are Duke University, North Carolina State University, and the Research Triangle Park, which is home to approximately fifty organizations in the biotechnology, pharmaceutical, healthcare and environmental organizations. Areas for hiking, bicycling and fishing are nearby, as are theaters, museums and art galleries. The sports enthusiast is always at home in Chapel Hill, with a host of collegiate, minor-league and professional teams nearby.

## About Quintiles

Quintiles is a contract research organization (CRO) located in Overland Park, Kansas. Quintiles obtains contracts with a broad range of pharmaceutical companies. Scientists participate in all aspects of Phase I-III clinical drug development, including study design, data analysis and interpretation, report writing, project team representation, preparation of annual updates and IND/NDA/CTD submissions to regulatory agencies.



## POSTDOCTORAL FELLOWSHIPS *in* CLINICAL PHARMACOKINETICS / PHARMACODYNAMICS

*Sponsored by the*

UNC Eshelman  
School of Pharmacy at the  
University of North Carolina  
at Chapel Hill

*in cooperation with*

Quintiles, Inc.



A two-year, industry-sponsored  
fellowship in clinical pharmacokinetics &  
pharmacodynamics

## Fellowship Description

The UNC Eshelman School of Pharmacy, in cooperation with Quintiles, Inc., sponsors two-year fellowships in clinical pharmacokinetics (PK)/ pharmacodynamics (PD) and drug development. Ideal candidates will have obtained a PharmD, PhD, or M.D.

### The Fellowship provides:

- Knowledge and experience in pharmacokinetic study design and related clinical drug research
- Experience in pharmacokinetic and pharmacodynamic data analysis
- Expertise in the conduct of clinical drug trials
- Exposure to ethical, legal and regulatory issues in research involving investigational and marketed drugs



Fellows will participate in clinical pharmacokinetic, pharmacodynamic, transport, and/or metabolism studies

with faculty at the UNC Eshelman School of Pharmacy, and with members of the Clinical Pharmacokinetics group at Quintiles Inc. Each Fellow will design and initiate an individual research project over the course of the two year fellowship. Fellows will spend their first year at UNC, and their second at Quintiles.

Fellows will develop expertise in one or more of the following areas:

- Design and implementation of PK and PD studies in healthy volunteers, patient populations, or relevant *in vitro*/pre-clinical models
- Computer PK and PD data analysis and simulations
- Laboratory methods to evaluate clinical drug disposition problems
- Biostatistical analysis

Fellows may participate in selected course work in biostatistics, advanced pharmacokinetics and pharmacodynamics, clinical research methods, clinical study design, data management, advanced therapeutics, drug metabolism, and/or molecular biology.



## Application

Fellowships begin July 1<sup>st</sup>. A competitive stipend, health insurance, and travel to one scientific meeting per year are offered. Applicants should submit a letter describing their personal goals as related to the Fellowship, a curriculum vitae, and three professional references by January 1 to

Bob Dupuis, PharmD, via [re\\_dupuis@unc.edu](mailto:re_dupuis@unc.edu) or: 3213 Kerr Hall, CB #7569, The University of North Carolina, Chapel Hill, NC 27599-7569 Fax: (919) 962-0644.

## PRECEPTORS AT QUINTILES

### Laurence Levasseur, PhD:

Dr. Levasseur heads the PK/PD group in the Clinical Pharmacology Department at Quintiles. She leads a team of approximately 20 scientists who participate in all aspects of Phase I-III clinical drug development. Her research interests include population pharmacokinetics, and pharmacokinetic/ pharmacodynamic modeling and simulation.

### Seth Berry, PharmD:

Dr. Berry is the Associate Director of the Modeling and Simulation Group in the Clinical Pharmacology Department at Quintiles. Dr. Berry collaborates with clients in all phases of clinical drug development to design, conduct, and analyze pharmacokinetic / pharmacodynamic data. His research interests include population pharmacokinetic / pharmacodynamic modeling and simulation, D-optimal design, and clinical trial simulation.

### For more information, contact:

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