

FELLOWSHIP INDUSTRY PARTNERS

GLAXOSMITHKLINE



GSK is a multinational company dedicated to the discovery of new medications in neurosciences, oncology, gastroenterology and hepatology, metabolic, infectious diseases, and respiratory disease. GSK is one of the few pharmaceutical companies researching medicines for the World Health Organization's three priority diseases: tuberculosis, malaria, and HIV/AIDS.

PPD, INC



PPD is a leading global contract research organization offering discovery and drug-development services and compounding partnering programs for Phase II-IIIb clinical trials. Company partners include pharmaceutical, biotechnology, medical device, academic, and government organizations.

QUINTILES



Quintiles is a fully integrated global biopharmaceutical services company offering clinical, commercial, consulting and capital solutions worldwide. Quintiles helps biopharmaceutical companies navigate risk and seize opportunities in an environment where change is constant.

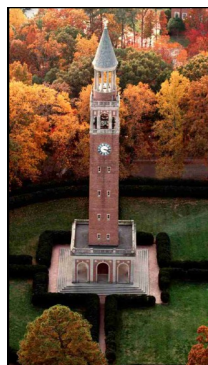
UNITED THERAPEUTICS



United Therapeutics is a biotechnology company focused on developing products to serve the unmet medical needs of patients with cancer and chronic, life-threatening cardiovascular, pulmonary, and infectious diseases. Improvement in the quality of life of patients is United Therapeutics' guiding objective.

UNC, CHAPEL HILL, AND THE SURROUNDING AREA

Founded in 1789, the University of North Carolina at Chapel Hill was the first public university established in the United States.



Chapel Hill is located approximately two hours from the Atlantic Ocean and two hours east of the Appalachian Mountains. Duke University, North Carolina State University, and Research Triangle Park (RTP) are all

close to UNC-Chapel Hill. RTP is home to research sites for several of the fellowship program sponsors.

There are many areas for hiking, bicycling, and fishing near Chapel Hill, and the region abounds in theaters, museums, and art galleries. The sports enthusiast is always at home in Chapel Hill, where a host of collegiate, minor-league, and professional teams ensure the chance to follow top-notch competition.

For more information, see
<http://pharmacy.unc.edu/programs/fellowships>

Have questions? Email
fellowships@unc.edu

POSTDOCTORAL FELLOWSHIPS

Sponsored by the

UNC Eshelman School of Pharmacy



at the

University of North Carolina at Chapel Hill



UNC
ESHelman
SCHOOL OF PHARMACY

Drug Development and Clinical Research Industry-Sponsored Fellowships

Drug Development/Clinical Research

The UNC Eshelman School of Pharmacy, in cooperation with PPD, United Therapeutics, and GlaxoSmithKline, sponsors two-year fellowships in drug development and clinical research.

Fellowships provide:

- Training and experience in the conduct of clinical drug trials
- Participation in clinical research projects under the direction of a UNC faculty member and an industry preceptor
- Exposure to ethical, legal, and regulatory issues in research involving investigational and marketed drugs
- Didactic instruction in courses that supplement training and personal interests

Fellows participate in clinical research studies with faculty at the UNC Eshelman School of Pharmacy during the first year of appointment, and with members of a drug-development clinical-research group (Clinical Pharmacology, in phases I/II/III) at their fellowship sponsor's industry site during the second fellowship year.

Ideal fellowship candidates will have a PharmD, and preference will be granted to those who have completed a residency. For more information and complete instructions on how to apply, visit <http://pharmacy.unc.edu/programs/fellowships>

For additional information, contact:

Bob Dupuis, PharmD
CB #7569, UNC-Chapel Hill
Chapel Hill, NC 27599-7569
Tel 919-966-6194
fellowships@unc.edu

Academic Fellowships*

Heart Failure

The heart failure fellowship provides fellows with extensive research experience in cardiovascular pharmacotherapy with a special emphasis on heart failure and cardiovascular pharmacokinetics/pharmacodynamics.

Contact: J. Herbert Patterson, PharmD
CB#7569, UNC-Chapel Hill
Chapel Hill, NC 27599-7569
Tel 919-962-0072 hpatterson@unc.edu

HIV Pharmacology

The HIV pharmacology fellowship prepares individuals to become independent researchers in anti-infective clinical pharmacology. Research areas include antiretroviral PK/PD and pharmacogenomics. Fellows gain experience in the conduct of clinical investigations, the use of preclinical model systems, and analytical and molecular techniques.

Contact: Angela D. M. Kashuba, PharmD
CB#7569, UNC-Chapel Hill
Chapel Hill, NC 27599-7569
Tel 919-966-9998 akashuba@unc.edu

Oncology

The oncology fellowship focuses on the development of independent research skills for those planning a career in academia. Experience with clinical trials (Phase I pharmacokinetic, multicenter Phase II-IV), preclinical model systems, analytical techniques, and molecular techniques are available.

Contact: Christine Walko, PharmD
CB#7569, UNC-Chapel Hill
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Tel 919-966-6786 christine_walko@unc.edu

* The availability of fellowship may vary from year to year. Heart Failure is not being recruited for appointment in 2012.

Clinical Pharmacokinetics/ Pharmacodynamics Industry-Sponsored Fellowships

The UNC Eshelman School of Pharmacy, in cooperation with GlaxoSmithKline and Quintiles, Inc., sponsors two-year fellowships in clinical pharmacokinetics/pharmacodynamics and drug development.

Fellowships provide:

- 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
- *in vitro* and *in vivo* laboratory methods to evaluate drug absorption, metabolism, and pharmacogenomics
- Didactic instruction in courses that supplement training and personal interests

Fellows participate in clinical pharmacokinetic, pharmacodynamic, transport, and metabolism studies with faculty at the UNC Eshelman School of Pharmacy and with members of the Clinical Pharmacokinetics Group at either GlaxoSmithKline or Quintiles during the second year of appointment.

Ideal fellowship candidates will have a PharmD, PhD, or MD. For more information and complete instructions on how to apply, visit <http://pharmacy.unc.edu/programs/fellowships>

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