

## APPLICATION

The deadline for application is January 1.

Please submit a letter of intent, curriculum vitae, university transcript, and three letters of recommendation to:

Angela D. M. Kashuba, BScPhm, PharmD, DABCP  
Associate Professor,  
UNC Eshelman School of Pharmacy  
Kerr Hall, CB#7569  
University of North Carolina at Chapel Hill  
Chapel Hill, NC 27599-7569

## ABOUT THE PROGRAM DIRECTOR

Angela D. M. Kashuba, BScPhm, PharmD, DABCP, received her bachelor of science in pharmacy from the University of Toronto and her doctor of Pharmacy degree from the State University of New York at Buffalo. She completed her postdoctoral pharmacology

training at the Clinical Pharmacology Research Center at Bassett Healthcare in Cooperstown, New York. Dr. Kashuba joined the UNC-Chapel Hill faculty in 1997. She is currently Associate Professor of Pharmacy and



Director of the UNC Center for AIDS Research Clinical Pharmacology and Analytical Chemistry Core. Her research interests include antiretroviral clinical pharmacology, HIV therapy for treatment and prevention, and PK/PD relationships. Specifically, she is focusing her attention on understanding and predicting drug interactions, determining optimal dosing and drug combinations for the treatment of HIV infection, and investigating the role of antiretroviral therapy in preventing the vertical and sexual transmission of HIV.



An aerial view of the University of North Carolina at Chapel Hill's central campus showing (from bottom to top) Wilson Library, the Morehead-Patterson Bell Tower, and Kenan Stadium.



**UNC**  
ESHelman  
SCHOOL OF PHARMACY

**Angela D. M. Kashuba,**  
BScPhm, PharmD, DABCP  
UNC Eshelman School of Pharmacy  
3318 Kerr Hall, CB#7569  
University of North Carolina at Chapel Hill  
Chapel Hill, NC 27599-7569  
Phone 919-966-9998  
Fax 919-962-0644  
[akashuba@unc.edu](mailto:akashuba@unc.edu)

**Visit our laboratory website:**

<http://www.pharmacy.unc.edu/labs/angela-kashuba-lab>

## ACADEMIC RESEARCH FELLOWSHIP in HIV PHARMACOLOGY

**ANGELA D. M. KASHUBA**  
BScPhm, PharmD, DABCP  
PROGRAM DIRECTOR

UNC ESHELMAN SCHOOL OF PHARMACY  
at the  
UNIVERSITY OF NORTH CAROLINA  
AT CHAPEL HILL



# HIV PHARMACOLOGY ACADEMIC RESEARCH FELLOWSHIP

## INTRODUCTION

This fellowship will prepare highly motivated individuals to become independent researchers in anti-infective clinical pharmacology. The fellow will gain experience in all areas of translational research ranging from grant writing to manuscript submission and is expected to present research findings at scientific meetings. Research activities will focus on investigator-initiated programs.

## CLINICAL INVESTIGATIONS

The fellow will become proficient in the conduct of clinical investigations for both healthy-volunteer and patient populations.

## LABORATORY INVESTIGATIONS

To further training in translational research in pharmacology, the fellow may become involved in using preclinical model systems, in addition to analytical chemistry and molecular biology techniques.

## AVAILABLE COURSES INCLUDE:

- Ethical Dilemmas in Research
- Experimental Design Considerations in Clinical Research
- Principles of Statistical Inference
- Research seminar series
- Introduction to Applied Pharmacogenomics
- Advanced Pharmacokinetics and Pharmacodynamics
- Drug Metabolism

## CLINICAL SERVICE

This fellowship is primarily focused on developing proficiency in translational research. However, limited clinical service in the UNC ID clinic is available.

## TEACHING

The fellowship will provide opportunities to develop student-teaching skills in both didactic and small, problem-based group environments.



## SCIENTIFIC MEETINGS

The fellow will attend at least two annual scientific meetings (e.g. ICAAC, CROI, ASCPT). Attendance at additional meetings will be supported as abstracts are accepted for presentation.

## COMPLETION OF THE FELLOWSHIP

This two - to three-year program is designed to train prospective academic faculty members. The fellow will have developed research expertise that will make them competitive and successful for funding future research. A certificate is awarded at the completion of the fellowship program.

## ADDITIONAL HIV RESEARCH INFRASTRUCTURE AT UNC-CHAPEL HILL

### UNC CENTER FOR AIDS RESEARCH

The purpose of the UNC CFAR is to provide infrastructure to support investigation of HIV/AIDS using clinical and behavioral research, investigation into HIV biology and pathogenesis at the molecular level, and educational outreach. The UNC CFAR includes nine cores, chosen to enhance the consortium's strengths in ongoing investigation: administrative, developmental, clinical, virology, clinical pharmacology/analytical chemistry, biostatistics, and social and behavioral science. UNC CFAR supports research addressing the agendas of the following NIH Institutes: NICHD, NIAID, NCI, NIDA, and NIMH.



### UNC AIDS CLINICAL TRIALS UNIT

The UNC ACTU is dedicated to conducting and developing research for HIV infection and its associated opportunistic infections and providing access to promising clinical protocols to persons living with HIV. The UNC ACTU, continuously funded since 1987, is one of the most successful ACTUs in the country, providing access to investigations of antiretroviral therapies, immunomodulators, opportunistic infections, HIV-related malignancies, wasting syndrome, neurologic complications of HIV and gastrointestinal HIV-related illnesses, among others. In addition, the UNC ACTU is involved in community outreach, continuing education and consultation for health-care providers.

