

## APPLICATION

The deadline for application is January 1.

Residency experience is strongly preferred. Appointment includes a UNC benefits package and a competitive stipend.

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

**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>

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

<http://pharmacy.unc.edu/divisions/pharmacotherapy-and-experimental-therapeutics>



## 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 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, and became a Diplomate of the American Board of Clinical Pharmacology in 2001. She is currently Associate Professor of Pharmacy and Vice Chair for Research and Graduate Education in the Division of Pharmacotherapy and Experimental Therapeutics.

Her research interests include preclinical and clinical antiretroviral pharmacology, HIV therapy for treatment and prevention, and PK/PD relationships. Her research group is currently focused on optimizing drugs and dosing to prevent the transmission of HIV.

Dr. Kashuba is Director of the UNC Center for AIDS Research Clinical Pharmacology and Analytical Chemistry Core. She also plays a critical role in a new multidisciplinary pursuit to develop a cure for HIV. Funded by a five-year, \$32 million federal grant, this UNC-led project is collaborative, incorporating research from nine U.S. universities. Researchers will focus on finding a cure by purging the virus hiding in the immune systems of patients taking antiretroviral therapy. Dr. Kashuba oversees the preclinical and clinical pharmacology studies as director of the project's Pharmacology Core.



**UNC**  
ESHelman  
SCHOOL OF PHARMACY

## 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

## ACCREDITATION

The American College of Clinical Pharmacy has recognized the fellowship for meeting its strict peer-review approval guidelines.



## 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.

