

As ranked by U.S. News & World Report

CLICK THE TABS
TO ADVANCE



# THE UNC ESHELMAN

OUR SCHOOL AT

7 - IMMERSION EXPERIENCES

-COMMUNITY PHARMACY IMMERSION - STU

- DIRECT PATIENT CARE IMMERSION - STUDENT

- ADVANCED IMMERSION EXPERIENCES

- GLOBAL EXPERIENCES

- RESEARCH EXPERIEN



# OUR X PROMISE X



At the UNC Eshelman School of Pharmacy, everything we do begins and ends with the patient in mind.

In our research labs, we are innovating to overcome pain, sickness, and disease. In our classrooms, we are preparing future leaders who will transform pharmacy practice and health care.

Our mission is to help people live longer, healthier lives. We are reinventing the way students learn, discovering solutions for the world's most challenging health issues and revolutionizing the way pharmacists deliver patient care.

We invite you to join us in

ADVANCING MEDICINE FOR LIFE

# OUR SCHOOL ATAGLANCE

### **DEGREES OFFERED**

- Pharm.D. 4 years
- Pharm.D./M.B.A. 5 years
- Pharm.D./M.P.H. 5 years

### **CAMPUSES**

 Chapel Hill Asheville

### THE ESHELMAN ADVANTAGE

- Active Learning Methodologies
- Extended Immersion Experiences
- Specialty Courses: Research, Global and Rural Pharmacy
- Co-Curricular Opportunities

### **FAST FACTS**

- No. 1 school of pharmacy as ranked by U.S. News & World Report
- Career Placement for the Class of 2018
- 87% of students who accepted a residency did so with their first or second choice program
- 93% of students who accepted a fellowship did so with their first or second choice program



# THE ESHELMAN ADVANTAGE

Our approach to teaching and active learning sets us apart from other pharmacy schools. By fully integrating and aligning active learning and immersive pharmacy practice experiences, our Pharm.D. students are better prepared to be outstanding practitioners focused on optimizing patient medication.



### **ACTIVE LEARNING**

Our curriculum allows students to prepare in advance for class experiences that focus on increased peer-to-peer interaction, case-based instruction and shared ownership of learning and responsiveness to real-world changes.

### **CO-CURRICULAR SUPPORT**

As a student here, you'll also have a broad range of co-curricular opportunities which include: service, outreach, student organizations professional organizations, peer advising and internships. We value student activities and believe they are an important part of learning.



### **SPECIALIZED COURSES**

Our Pharm.D. students will have the ability to pursue additional experiences in global pharmacy, rural pharmacy or pharmacy research.

### **IMMERSIVE PHARMACY** PRACTICE EXPERIENCES

Our curriculum provides you with real-world practice experiences in all four years of the program. This allows you to apply classroom learning to real patients.



# ACTIVE LEARINING

Our curriculum moves some of the traditional lecture delivery outside of class and frees up class time for student-student and faculty-student engagement. This active learning approach creates a dynamic and productive learning environment

### **INNOVATION IN THE CLASSROOM**

The UNC Eshelman School of Pharmacy is an innovator in pharmacy education. In 2014, we transformed our Pharm.D. program from traditional, lecture-based teaching to an active learning instructional methodology. This has improved the student learning experience and prepared our graduates for even greater success.

### **Active Learning**

**Professor provides preclassroom instruction** via videos, books, podcasts, gaming, etc.



**Student to student in-class** discussion and engagement



Instructor supported classroom activities



**Student-led projects and presentations** 



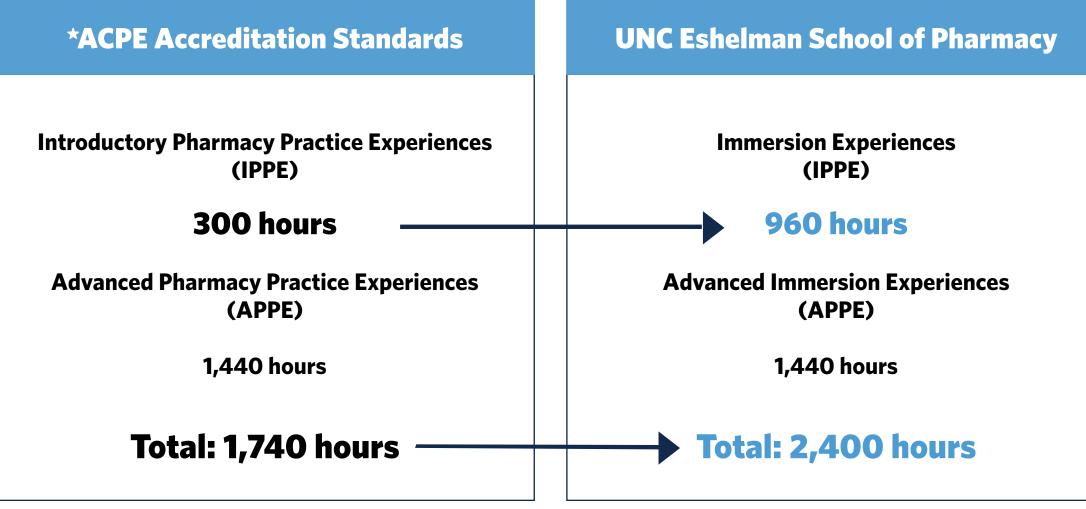
### **LEARNING THROUGH EXPERIENCE**

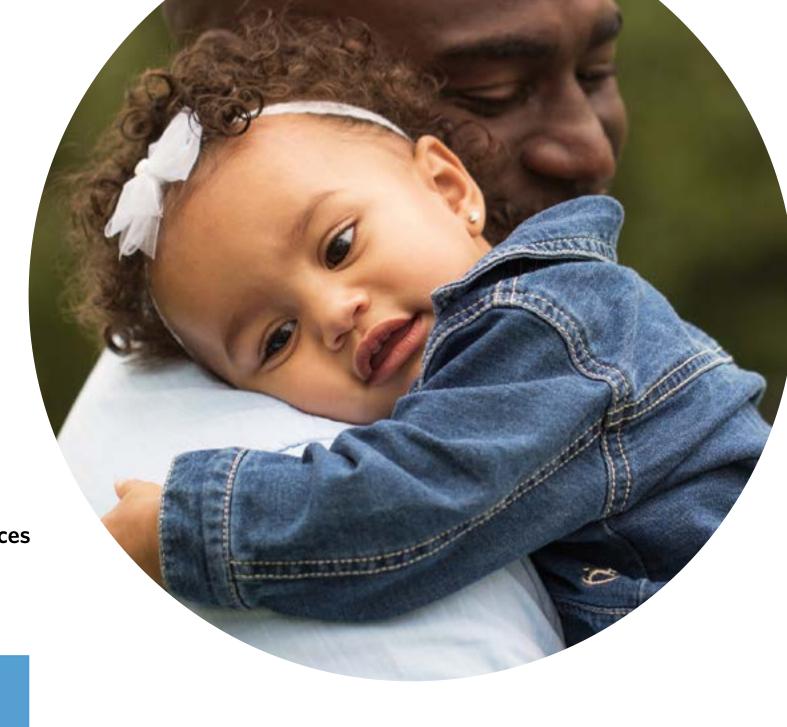
We believe talented pharmacists are developed through practice. This is why our students complete over 50% of the curriculum in real-world pharmacy settings around the state of North Carolina and nationwide.

Outside of the classroom is where our future pharmacists learn to:

- Assume responsibility for medication optimization
- Utilize health resources to make real-time treatment decisions
- Provide education to patients and other healthcare professionals
- Establish their role on an interprofessional healthcare team
- Critically approach current pharmacy issues and opportunities
- Practice with the highest ethical and professional standards

You will receive training during Immersion Experiences (1st - 3rd years) and Advanced Immersion Experiences (4th year) through our partnerships with world-class healthcare institutions and clinically advanced pharmacies.





### \*The Accreditation Council for Pharmacy Education

ACPE accreditation is public recognition that a professional degree program leading to the Doctor of Pharmacy degree is judged to meet established qualifications and education standards through initial and subsequent periodic evaluations. Accreditation is distinguished from licensure, which applies to individuals.

For more information about accreditation, visit: www.acpe-accredit.org.

# IMMERSION EXPERIENCES

### **GO BEYOND THE STANDARD**

Our program has always been a home for students who pursue excellence today in order to push the boundaries of pharmacy tomorrow. Our curriculum provides an unparalleled track of hands-on practice experiences for 1st - 3rd year student pharmacists. These immersion experiences are designed to help students recognize their pharmacy passions early, and immediately start developing their skills.

We provide future pharmacists with unprecidented experience in:

- Collaboration with nationally renowned physicians and healthcare teams
- Patient education and training in a variety of practice settings
- Holistic and culturally competent direct patient care
- Communication skills development

You will spend two months in each of these immersion experiences:

### **HEALTH SYSTEMS**

As medicine continues to advance, the need for medication experts at all points of care is critical. You wil experience the pharmacist's essential role in the medication use process within a hospital or health system setting.

### **COMMUNITY PHARMACY**

From the corner pharmacy to clinics and physician offices, pharmacists play a major part in community care. Here, you will gain experience in medication therapy management, holistic patient counseling, and working with diverse patient populations.

### **DIRECT PATIENT CARE**

Unique to the UNC Eshelman School of Pharmacy, our students receive extensive early training in drug therapy shared decision making with other health care providers in either a hospital or physician office setting.

### Through Experience

"At the completion of these three early immersion experiences, I was able to confidently hit the ground running for all nine of my fourth-year rotations. "

"Patient care affects real lives, and I am very grateful that I was given the opportunity to develop my skills during early immersions."

-Ben Muller, Class of 2019

LEARNING

SPOTLIGHT TUDENT

# HEALTH SYSTEMS IMMERSION

STUDENT SPOTLIGHT

y first health system immersion experience took place in Chapel Hill at UNC Healthcare. In my first month, I was exposed to the Cancer Hospital Infusion Pharmacy, affectionately known as the CHIP. My time was operations based, and I enjoyed discovering new parts of the hospital while delivering chemotherapy treatments to their designated areas.

I was fascinated by learning how to read and understand a chemotherapy treatment plan, if it was appropriate for a patient and then verifying it with the pharmacist.

In my second month, I was immersed in Memorial Hospital with the inpatient family medicine team. This was my first exposure to the hospital setting, and to me, every day was like opening my first presents on Christmas. I discovered the joys of rounds and interacting with the other health care providers (including nurses and physicians) and holistically treating patients.

Every day was a new experience and I never knew how many patients I would have the opportunity to interact with, whether in rounds or while gathering information in a medication history that the team could use.



**CHELSEA SUMNER** 

**CLASS OF 2019** 

**IMMERSION TYPE** 

**Health Systems** 

**LOCATION UNC Hospitals** 

**KEY TAKEAWAY** 

These experiences taught me the value of every step in the process of treating a patient from the moment they enter the hospital, in a way that I had only read about in class.



# COMMUNITY PHARMACY IMMERSION

**STUDENT SPOTLIGHT** 

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y community pharmacy immersion took place at Moose Pharmacy. While I was at Moose Pharmacy, I spoke with patients over the phone to perform comprehensive medication reconciliations. I also spoke with patients who were enrolled in Moose Pharmacy's adherence program to determine what medications they were taking and to ensure they received all of their medications on time. I conducted medication and device counseling when patients started a new medication or had questions about how to use their medical devices.

Getting to interact and talk with patients so extensively and so early on in my pharmacy career was especially rewarding. From my very first day on my first immersion experience, I was directly interacting with and counseling patients.

This helped confirm my interest in the field of pharmacy, made me more excited about what I had learned in the classroom and made me much more comfortable taking an active role in patients' health care.

I learned basic tasks such as how to fill, verify and transfer prescriptions. I was able to counsel patients solely because of the information and processes we learned in the Foundations of Patient Care course the spring immediately prior to my immersion experience at Moose Pharmacy. I felt comfortable and willing to counsel a patient on how to use her insulin pens and glucometer because we had been exposed to those exact topics in the classroom.



**TAYLOR DENNISON** 

**CLASS OF 2019** 

**IMMERSION TYPE** 

**Community Pharmacy** 

**LOCATION** 

**Moose Pharmacy** 

**KEY TAKEAWAYS** 

My viewpoint on the role of a community pharmacist shifted drastically throughout this experience. I came to understand the positive impact that community pharmacists can have on a patient's adherence and overall health care. The high level of service the Moose Pharmacy pharmacists and staff provided was inspiring and I learned not to undervalue the relationship patients have with their community pharmacists.





# DIRECT PATIENT CARE IMMERSION

**STUDENT SPOTLIGHT** 

was based in an office at Mission Health Partners for this immersion experience. I called patients after they left the hospital or when there was a gap identified in their care (e.g. they had a diagnosis of diabetes but were not taking any medication or had not been filling their medication regularly.) I also spent 1-2 days a week in Mission's Chronic Condition Clinic. At the clinic, patients with Hepatitis C and other chronic conditions which require very expensive specialty medications were seen for follow up and care coordination. The clinic had a special medication access pharmacy that would help patients get expensive therapies for a price they could afford.

At the Mission Health Partners office, I worked with and administrators to bring down overall patient costs of care and close care gaps identified by insurance plans. I really enjoyed working to ensure that patients were able to receive the medications they needed, regardless of the cost. My discharge

phone calls often focused on patients with chronic obstructive pulmonary disease and heart failure. While making these calls, I also studied disease states and became very familiar with treatments.

During my clinic days, I worked with physicians, nurses and medical assistants to see patients in clinic and coordinate their prior authorization and financial aid applications. Clinically, I learned a lot about Hepatitis C and the various treatment and prevention options available for patients. I also learned about specific specialty medications (such as Humira) which require patients to inject themselves at home.

Finally, during my rotation, I created several many pharmacists, nurses, social workers, physicians educational tools to help train other providers on the disease states and medications used to treat them. The information I learned about patient access and specialty pharmacy was key for our law class during the third year of the Pharm.D. program.



**KRISTEN WINES** 

**CLASS OF 2019** 

**IMMERSION TYPE** 

**Direct Patient Care** 

**LOCATION** 

**Mission Health Partners** 

**KEY TAKEAWAYS** 

I learned about the vast number of medication assistance programs available to patients (one of the main issues when patients left the hospital is that they were not able to afford many of the medications they were prescribed at discharge). I also learned that caring for patients with complex disease states in the outpatient setting requires a different approach and more coordination between providers.

# ADVANCED IMMERSION EXPERIENCES

### FROM EXPERIENCE TO EXCELLENCE

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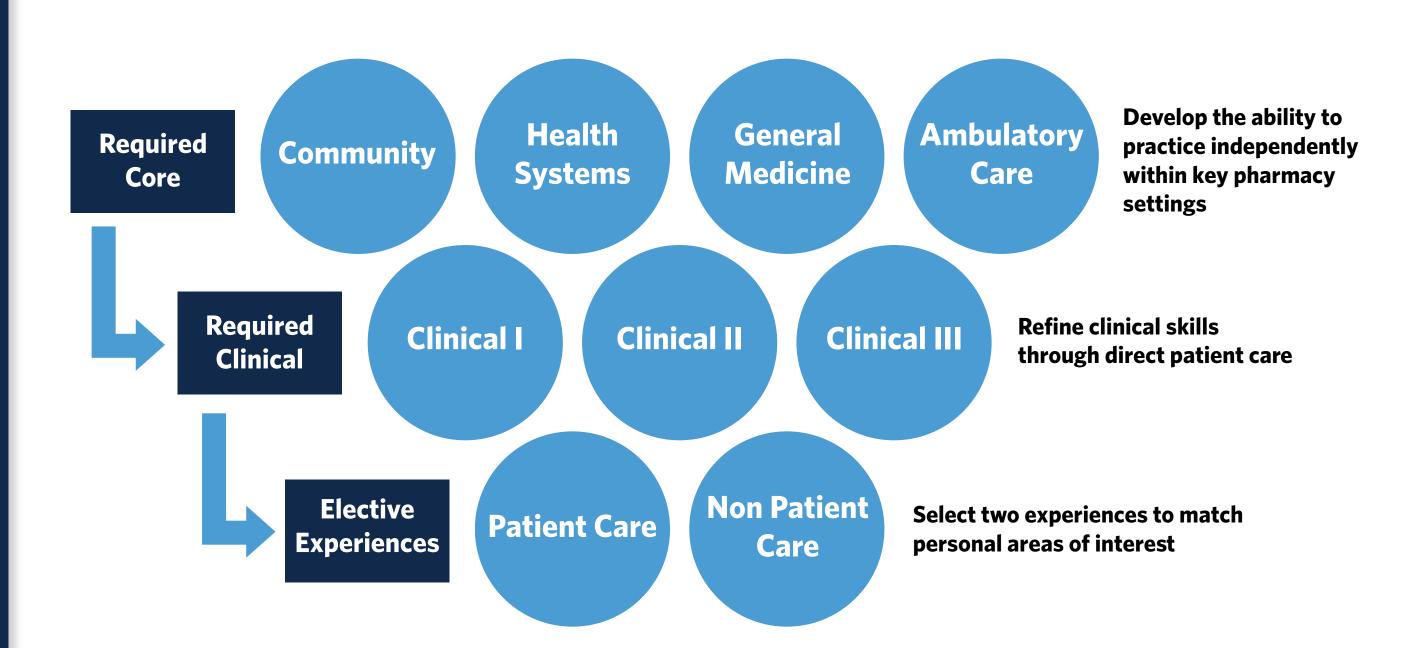
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The final year of our curriculum is spent completing nine 4-week Advanced Immersion Experiences, designed to help students transition from accomplished learners into practicing pharmacists. Under the guidance of UNC preceptors, you will work within leading community pharmacies, hospitals, primary care clinics and other clinical settings to prepare for post-graduation practice or residency.



### **OUR PHARMACY PARTNERS**

Many 4th year students apply to be considered for global experiences, or to train with our government, industry, and national pharmacy organization partners.

Some of our partners include:

- **American Pharmacists Association**
- **American Society of Health-System Pharmacists**
- **U.S. Food and Drug Administration**
- **U.S. Department of Veterans Affairs**
- **Centers for Disease Control and Prevention**
- **National Institutes of Health**
- **Indian Health Services**
- **National Association of Chain Drug Stores**
- **GlaxoSmithKline**
- **Bristol-Myers Squibb**
- **Procter & Gamble**

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## GLOBAL EXPERIENCES

### **GLOBAL PHARMACY SCHOLARS**

As the world becomes more interconnected, it is important for our students to develop transferrable skills such as cultural competence, global awareness, service learning and the ability to analyze and solve problems through different perspectives and in different settings.

Our Global Pharmacy Scholars program is designed to prepare our students to be leaders in addressing global health care needs and problems. As a participant, you will learn about global health care issues, and be exposed to different cultures and healthcare systems in one of nine countries.

"While gaining a new perspective was incredibly eye-opening, it was my daily interactions with the people of Malawi that made the experience truly unforgettable. The rotation is not just a lesson in global health; it is an exercise in adaptability, compassion, and humility."

- Leah Herity, Class of 2018













**JAPAN** 



CHISINAU, **MOLDOVA** 

LONDON, **ENGLAND** 

LUSAKA, **ZAMBIA** 



**AUSTRALIA** 

























# RESEARCH EXPERIENCES

### **RESEARCH AND SCHOLARSHIP IN PHARMACY**

The Research and Scholarship in Pharmacy program provides our students with the opportunity to participate in a mentored, in-depth, scholarly project as part of their elective curriculum.

Over the course of three semesters, students develop critical thinking skills and engage in original inquiry and investigation by:

- Framing an answerable question with a faculty member
- Generating and interpreting relevant data
- Communicating their findings in oral and written form

Research spans a variety of topics from basic, translational and clinical research to behavioral, health services and quality improvement.

Students who successfully complete RASP are eligible to graduate with honors, and many students go on to present their research at professional conferences.

"My experience with RASP has been integral to developing a strong research methodology, cultivating curiosity and instilling confidence. Guided by a faculty mentor, our project enables clinicians to personalize patient care through the use of pharmacogenomics."

- Jesse Martin, Class of 2019



# RURAL PHARMACY EXPERIENCES

### **RURAL PHARMACY HEALTH CERTIFICATE**

The demand for pharmacists is often higher in rural communities where access to medical services may be limited by geography, distance and economic challenges. Our Rural Pharmacy Health Certificate prepares student pharmacists for collaborative, interprofessional practices that serve the health care needs of North Carolinians living in rural and small communities.

Courses offered in the Rural Pharmacy Health Certificate program include:

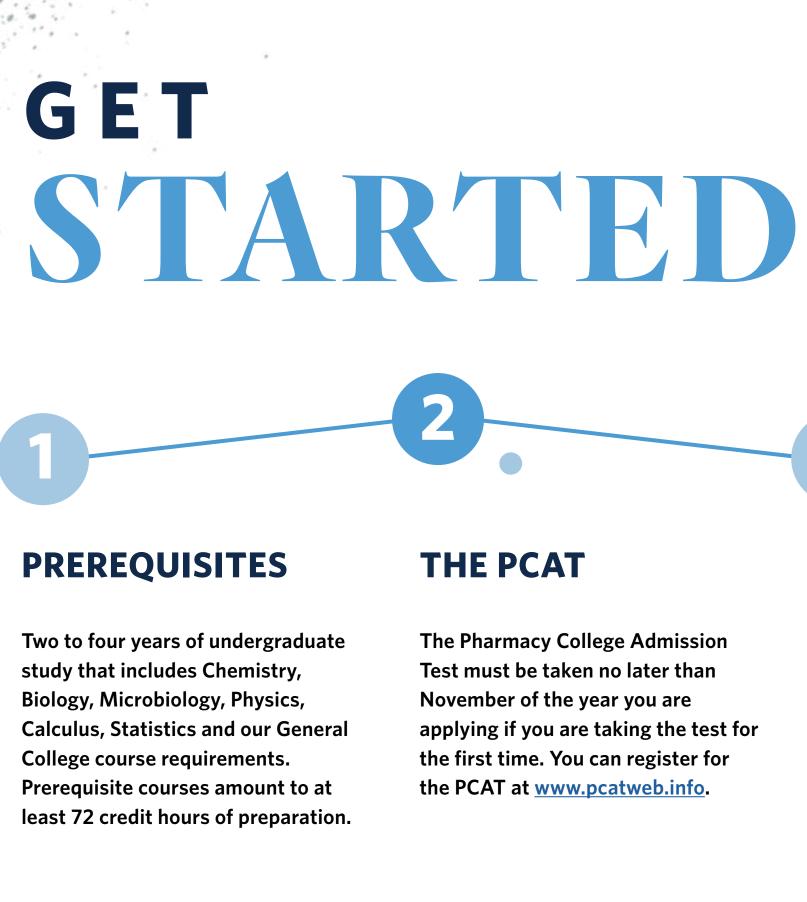
- Population Health Management
- Cultural Competency in Healthcare
- Introduction to Rural Populations
- Health Disparities
- Impact of Social Determinants of Health in overall patient outcomes

Students may apply to become a Rural Pharmacy Health Scholar during the Spring semester of their first year.

"The program has taught me how to think beyond drug therapy, consider a patient holistically and factor in non-medicine related social determinants affecting their health and how to help patients overcome them. I have not only learned skills for communicating across cultural boundaries, but have also become more self-aware and able to evaluate myself for possible cultural biases."







**CAMPUS VISIT** 

We encourage everyone who is interested in our Pharm.D. program to join us at one or more of our many prospective student events, including open houses, Pharmacy Fridays, a leadership program, a virtual pharmacy school fair and more.

### **ONLINE APPLICATIONS**

Complete and submit an online application through PharmCAS at www.pharmcas.org. After you complete your PharmCAS application you will receive an email with instructions for completing our supplemental online application.

### **ON-CAMPUS INTERVIEW**

After reviewing the full application, our admissions committee will invite selected applicants to an on-campus interview. During the interview day, prospective students will have the opportunity to learn more about the School.

\*\*\*Dual-degree programs require a separate application and admissions process to the corresponding school, after admission to pharmacy school.

### FOR MORE INFORMATION

**Assistant Director, Office of Curricular and Student Affairs: Recruitment and Admissions** 

### **EARLY DECISION**

We now offer early admission to qualified candidates. To take advantage of this option, you will need to:

- 1. take the PCAT by the end of September,
- 2. select "Early Decision," when you submit your PharmCAS application, and
- 3. complete your PharmCAS application and supplemental application by the early decision application deadline.





