



Pharmacy Career Guide

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OF PHARMACY

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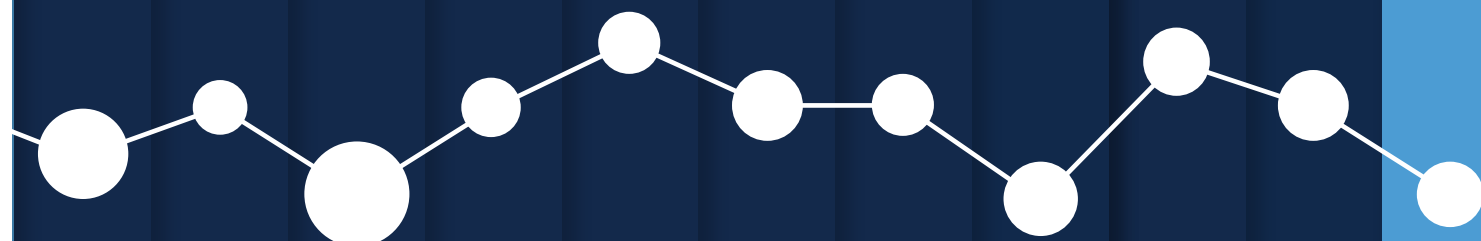
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OUR PROMISE



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 healthcare.

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

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77%

UNC ESHELMAN
GRADUATES ACCEPTING
FIRST-CHOICE JOB OFFER

Careers In Pharmacy

Pharmacy is a growing profession with expanding roles in advancing human health, and a wide range of career options.

2%

unemployment

U.S. News &
World Report

2017 Best Jobs
Rankings

\$122k

median salary

#20

best paying job

6%

US DEPT OF LABOR PROJECTED
GROWTH IN PHARMACY
JOBS 2016-2026

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HOSPITAL PHARMACY

HOSPITAL PHARMACY

Hospital pharmacists work closely with physicians and nurses to prescribe, monitor and adjust patient medications. Other responsibilities include monitoring outcomes and adjusting medication use as well as implementing hospital regulations.

WHERE THEY WORK

- In a single area of a hospital
- In “mini-pharmacies” or satellites which may offer a specialized focus



UNC Eshelman School of Pharmacy
Clinical Professor Jo Ellen Rodgers
discusses treatment with a patient.

ALUMNI PROFILE



Name: Ping Rogers

Year Graduated: 1990

Company: Central Outpatient
Pharmacy at UNC Health Care

Current Position: Outpatient Pharmacist

How she continues her impact: “I take pride and enjoy knowing that my work directly impacts the ongoing health of my patients. Being a pharmacist means that I am one of the more accessible members of a patient’s health care team, and I work to develop meaningful relationships with them.”

COMMUNITY PHARMACY

COMMUNITY PHARMACY

Community pharmacists dispense medications and provide counseling services on proper medication use, including comprehensive medication reviews which often result in identification of therapeutic issues and subsequent collaboration with prescribers to determine effective solutions. In addition to traditional services, community pharmacists have growing opportunities to participate in clinical services, either in physician clinics or within the pharmacy itself. Examples of these services include annual wellness visits, chronic care management, transitional care management, and advanced management of individual disease states.

WHERE THEY WORK

- Outpatient practice settings
- Clinics
- Doctors' offices
- Community pharmacies

TYPES OF EMPLOYERS

Chain Pharmacies

- Walgreens
- Walmart
- Harris Teeter

Independent Pharmacies

- Individual proprietorship
- Smaller chains
- Compounding pharmacy
- Specialty pharmacy



ALUMNI PROFILE



Name: Michael Verble

Year Graduated: 2017

Company: Central Pharmacy

Current Position: Independent Pharmacy

Ownership: Resident

How he continues his impact: "If we are going to transform our current medical system from a 'sickcare' to a true healthcare system, one that focuses on prevention over treatment, it begins in the community. Community pharmacists see their patients more often than any other health professional and have a tremendous opportunity to impact their health."

PHARMACEUTICAL INDUSTRY

Pharmacists within the pharmaceutical industry, can engage in research and development, quality assurance, drug information, and clinical trials. Additional responsibilities may include sales, marketing, drug monitoring, and regulatory affairs.

RESEARCH AND DRUG DEVELOPMENT

Pharmaceutical researchers are responsible for all phases of drug development. They work to help develop new medications, test new substances, evaluate existing products, and create new dosage forms. In addition to research, they are also responsible for making sure that drug labeling is accurate and meets the requirements of state and federal laws. Some R&D pharmacists within the pharmaceutical industry may also work in clinical trials research, health policy, or quality control.

PHARMACOECONOMICS

Pharmacoeconomists evaluate the cost and effects of pharmaceutical products to optimize healthcare resource allocation. There are Pharmacoeconomics opportunities in academia at schools of pharmacy and in public administration, public health or medicine. A strong demand for specialists also comes from government agencies, insurance plans, managed health care organizations, professional health care associations, hospital administration departments, health care consulting organizations, pharmaceutical companies and international organizations.

WHERE THEY WORK

- Pharmaceutical Companies
- Health care plans
- Pharmacy benefit management companies

ALUMNI PROFILE



Name: Kimberley Brown

Year Graduated:

Company: Janssen Infectious
Diseases

Current Position: HIV Medical Director

How she continues her impact: "I enjoy problem solving and out-of-the-box thinking. Often times, issues arise that have not occurred previously within the organization that need timely solutions to improve the lives of those living with HIV."

MANAGED CARE PHARMACIST

MANAGED CARE

Pharmacists employed by managed care organizations work directly with health care professionals to provide the highest quality drug therapy management, while considering the financial implications for their patient population. Other tasks include patient safety monitoring, formulary management, outcomes research, and patient education.

WHERE THEY WORK

- Health care plans
- Preferred Provider Organizations
- Pharmacy benefit management companies

ALUMNI PROFILE



Name: Vicki Gardin

Year Graduated: 2003

Company: Community Care Partners of Greater Mecklenburg

Current Position: Network Clinical Pharmacist

How she continues her impact: "Our work is constantly changing. It's an exciting time to be in health care, especially population health and N.C. Medicaid."



UNC Eshelman School
of Pharmacy Research
Associate Judy Hsu,
Pharm.D. discusses
her research.

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ACADEMIC PHARMACY

ACADEMIA

Responsibilities for pharmacists within this field include teaching, research, public service, and patient care. Some may serve as consultants for local, state, national, and international organizations.

WHERE THEY WORK

- University or college classrooms
- Clinical health settings
- Research and scholarship



ALUMNI PROFILE



Name: David Steeb

Year Graduated: 2013

Company: UNC Eshelman School
of Pharmacy

Current Position: Director of Global Engagement and
Clinical Assistant Professor

How he continues his impact: "What I love the most about being in academia is the opportunity to develop and inspire the next generation of global pharmacy leaders. The chance to create new knowledge at the intersection of global health and pharmacy is exciting knowing that it has the potential to change the role of the pharmacist in helping people around the world live healthier lives."

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NUCLEAR PHARMACY

NUCLEAR PHARMACY

Nuclear pharmacy is a specialty area dedicated to the compounding and dispensing of radiopharmaceutical agents for use in nuclear medicine procedures, quality control measures, and ensuring the proper transportation of medications. Pharmacists in this profession work in highly regulated environments and often need to complete specialized training programs.

WHERE THEY WORK

- Commercial settings, providing services to local hospitals and clinics
- Large medical centers



ALUMNI PROFILE

Name: Radu Ciocan
Year Graduated: 2005
Company: PETNET Solutions
Current Position: Vice President of U.S. Operations
How he continues his impact: “I love learning new skills and solving complex problems, and nuclear pharmacy gives me this opportunity on a daily basis. We are at the forefront of new discoveries and pioneering new biomarkers and new techniques continuously. I never get bored of this job!”

HOME HEALTH CARE

HOME HEALTH CARE

Pharm.D. graduates who work in this field of pharmacy provide medications, pain management, nutritional supplements and chemotherapy. Pharmacists also monitor the patients’ progress and adjust therapy as needed.

GERIATRIC PHARMACY

Careers in this field will serve the needs of the growing population of aging patients, who are expected to consume more than half of all health care resources in the near future.

PHARMACY CONSULTANT

A pharmacy consultant provides expert advice on medication use, nutrition assessment and drug dosing for patients within institutions (often long-term care settings.)

WHERE THEY WORK

- Assisted living facilities or retirement communities
- Hospitals
- Store pharmacies



ALUMNI PROFILE

Name: Wes McCall
Year Graduated: 2008
Company: Blue Ridge Pharmacy
Current Position: Co-Owner and Director of Pharmacy Services

How he continues his impact: “I meet with various extended care and residential facilities and help them design a pharmacy program that will help them best take care of their residents. Quality pharmaceutical care is only a part of the picture, but it’s an important one and can greatly impact patients’ lives. In many cases these residents are our most vulnerable community members and it is rewarding to create positive outcomes for them.”

GOVERNMENT AGENCIES

GOVERNMENT AGENCIES

Within these settings, pharmacists can engage in a wide array of tasks, including direct patient care services, biomedical and epidemiological research, reviewing new drug applications, and developing and administering health care policy.

WHERE THEY WORK

- Municipal health clinics
- State Medicaid agencies
- Department of Veterans Affairs (VA)
- Branches of the US Military including the Army, Navy, and Air Force
- The Centers for Disease Control and Prevention (CDC)
- The National Institutes of Health (NIH)



ALUMNI PROFILE

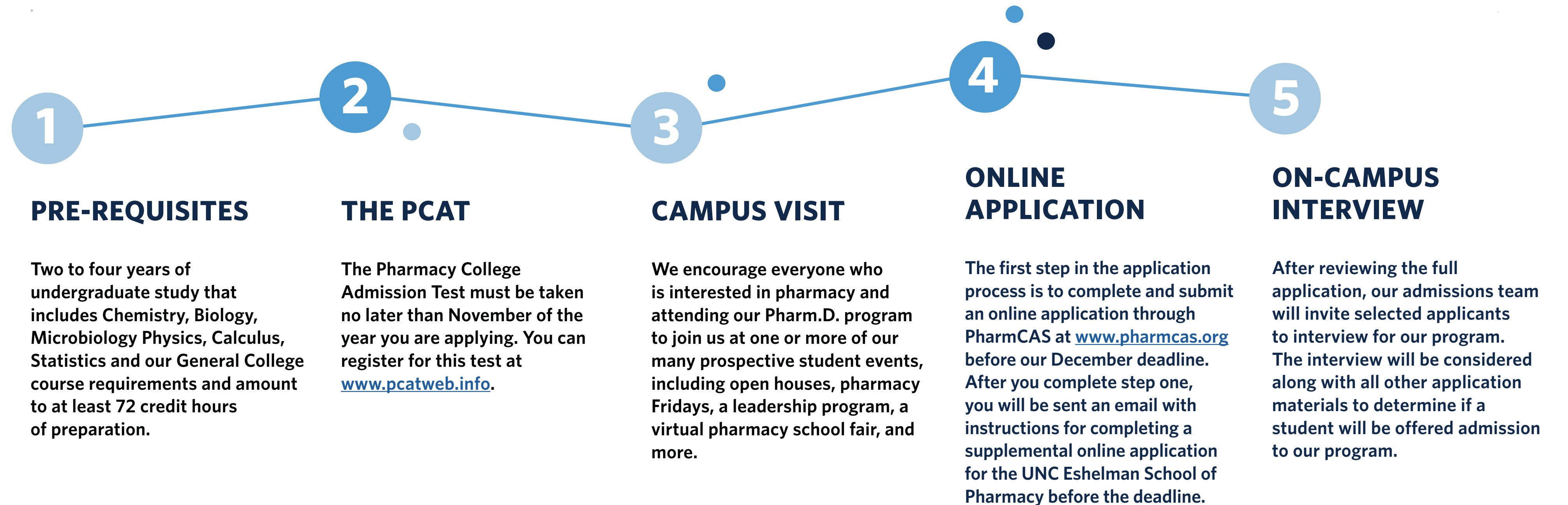


Name: John Stancil
Year Graduated: 1981
Company: North Carolina Department of Health and Human Services, Division of Medical Assistance

Current Position: Director of Pharmacy, DMEPOS, Home Care and Ancillary Services

How he continues his impact: “The North Carolina Medicaid Pharmacy Program provides prescription drug coverage to more than 2 million enrolled Medicaid and Health Choice beneficiaries, and to individuals enrolled in both Medicaid and Medicare. Prescription drugs play a significant and increasing role in maintaining health and treating illnesses, giving our beneficiaries the opportunity to become healthier and improve their quality of life. While groundbreaking research continues to lead to new and more effective medications to address a wider range of diseases, many have a significant cost. The North Carolina Medicaid Pharmacy Program balances the health of our beneficiaries and the cost of care through proactive collaboration. Partnering with clinical advisors and the provider community enables the careful selection of drugs for the preferred drug list (PDL) and clinically appropriate clinical coverage policies which ensure access to the right drugs at the most advantageous cost. Our goal is to provide a pharmacy benefit that delivers the best overall value to our beneficiaries, our providers and the state.”

GET STARTED



FOR MORE INFORMATION

Olivia Hammill

Assistant Director for Recruitment and Admissions
Office of Curricular and Student Affairs

919.966.9429

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 July, 2. select "Early Decision," when you submit your PharmCAS application, and 3. complete your PharmCAS application by the early decision application deadline in September.

GRANTS AND SCHOLARSHIPS

First-year pharmacy students can apply for scholarships through the School. After completing the first year, Pharm.D. students become eligible for approximately \$900,000 in competitive scholarships, awards, and grants each year.

STUDENT LOANS

Graduate students are eligible for modest, low-interest loans - money that has to be paid back - after you leave school.

