

# CAROLINA PHARMACY



**Advancing  
Medicine  
for Life**

UNC Eshelman School  
of Pharmacy announces  
Dr. Angela Kashuba as  
new dean

# Where's Your Pin Been?

We are excited to showcase our alumni around the state, nation and world. Show us where your pin has been by sending a photo of you wearing your Carolina Pharmacy pin or gear to [paa@unc.edu](mailto:paa@unc.edu).



✕ Paul Ashworth '82, at  
Ashworth Drugs in Cary, N.C.



✕ Nelson Spear '00, Jim Blount '66  
and Jenny Blount Williams '02 at Blounts  
Mutual Drug in Edenton, N.C.



✕ John Setzer '83 and Lori Setzer '83,  
former CVS pharmacists, retired in  
Myrtle Beach, S.C.

# Welcome to the relaunch of our *Carolina Pharmacy* newsletter!



Summer is in full swing and what an exciting season it has been so far. This month, we are relaunching our Carolina Pharmacy Newsletter. Each quarter, we'll update you, our wonderful alumni and friends, on UNC Eshelman School of Pharmacy happenings.

In this issue, you'll get to know our new incoming dean, Angela Kashuba, B.Sc.Ph., Pharm.D., DABCP, FCP, a world-renowned researcher, skilled administrator and dedicated faculty member of the UNC Eshelman School of Pharmacy. I can think of no better person to lead our School.

Angela joined the UNC-Chapel Hill faculty in 1997, and went on to be named the John and Deborah McNeill, Jr. Distinguished Professor in 2013. She was appointed chair of our Division of Pharmacotherapy and Experimental Therapeutics in 2015, and serves as Director of the UNC Center for AIDS Research Clinical Pharmacology and Analytical Chemistry Core. She is eager to meet and hear from you during her first six months as dean.

You'll also get a sneak peek of upcoming events, learn about the great strides being made by our students, and remember former Dean Tom Miya, along with so much more.



Thank you for all that you do for our School and profession.  
We hope you enjoy your read!

Dhiren R. Thakker, Ph.D.  
**Interim Dean and John A. and Margaret P. McNeill,  
Sr. Distinguished Professor**  
**Interim Director, Eshelman Institute for Innovation**





## Meet incoming Dean Angela Kashuba

*This summer, we spoke with incoming Dean Angela Kashuba to learn about her vision for the School, what she loves about UNC, and more. Here's what we learned:*

### **Q: Can you tell us about your vision for the School?**

A: I want to build upon what we've developed here, which is really special. At the UNC Eshelman School of Pharmacy, everything we do is focused on helping people live longer, healthier lives. And we do that by challenging the status quo. We innovate on how we teach our students, how we

practice pharmacy and how we approach pharmaceutical sciences research. So, I want to continue to develop innovators and leaders in practice, education and research.

Building upon those principals, I believe there are some great things we can still do. As a researcher, I understand the power of collaborative relationships. Therefore, one goal is to make our innovation more impactful by building strategic partnerships both within UNC and outside of UNC for all aspects of our mission - education, practice, and research. Another is to ensure we are sharing our expertise with the state by building online platforms for certificate training, and degree granting programs. A third is to continue increasing our global presence and ensure that any of our students who so desire have the opportunity for a global experience. Finally, I would like to see us build upon successes we've had with collaborative initiatives such as diversity and inclusion and precision health.

### **Q: Where did you grow up?**

A: I was born in Toronto, Canada and raised in a wonderful suburb called Etobicoke (which is a First Nations word meaning "where alders grow"). As of this year, I will have lived in the United States for as long as I have lived in Canada.

### **Q: Can you tell us about your work at the School currently?**

A: I have an amazing 20-person lab working in preclinical and clinical pharmacology for HIV. We work to optimize HIV treatment, prevention, and now Cure, by applying pharmacologic principles of drug pharmacokinetics and pharmacodynamics to cell and animal models, and conducting clinical trials. My lab also runs a Pharmacology Core for the UNC Center for AIDS Research, where we assist other researchers at UNC, nationally and globally.

### **Q: What do you like to do for fun?**

A: I love being able to spend time with my family. My daughter Skylar plays soccer and my son Erik plays ice hockey and lacrosse. They are on pretty competitive teams, so between soccer, hockey and lacrosse, our weekends are quite busy with games and travel for tournaments. My husband, Odin, and I have great fun watching our children play.

### **Q: What's your favorite childhood pastime?**

A: Two come to mind. I was a voracious reader. I also loved exploring the bike paths of Toronto with my family on weekends.



## PharmD candidate inducted as ASHP Student Forum executive committee member

UNC Eshelman School of Pharmacy student Sara Scott (pictured top, left), a Pharm.D. candidate '20, was inducted as an ASHP Pharmacy Student Forum Executive Committee member on a national level to serve a one-year term. She is one of five executive committee members.

"I wanted to give back to the organization and foster similar opportunities for other students," Sara said.

She said she aspires to become an oncology pharmacist and work as a clinician in an ambulatory care setting.



## Raena Rhone sets her eyes on the finish line

As a decorated NCAA Division I All-American athlete in track and field, Raena Rhone knew how to reach for the finish line. But later, while competing as a professional athlete, training for the 2016 US Olympic trials, she suffered an injury that cut her final season short.

Today, Raena is a fourth-year pharmacy student at Carolina who completed a global rotation in Japan this summer.

"Ultimately making the decision to hang up my track spikes after 15 years in the sport was difficult to say the least. I had to do a lot of soul searching to understand what I truly valued. With my mother being a pharmacist, I always had the privilege of understanding that the pharmacists' key role in patient care is ensuring patients are educated about their medications. I wanted to create my own platform in which I could serve patients. It did not take long to realize that my determination for succeeding on the track translated into an equally intense determination to succeed in my pharmacy career."



# Building Something Great

When Neal Fowler '84 (B.S. Pharm.), '88 (M.B.A.) rang the closing bell on the Nasdaq trading floor in August 2018 marking Liquidia's initial public offering from the prior month, he thought about the people around him.

"It was a moment of great academic work coming out of Carolina," said Fowler, CEO of Liquidia Technologies.



In 2004, the business had spun out of the University of North Carolina at Chapel Hill's chemistry department, where Joseph DeSimone and Ed Samulski had developed new means of altering the physical characteristics of particles. When Fowler first saw the technology in 2007, he immediately recognized its potential, "love at first sight" as he tells it. Liquidia could create nanoparticles smaller than a virus, change the size or shape, or change its chemistry. When Fowler became CEO in 2008, the company's strategy for the technology was shifting toward the life sciences.

Today, Research Triangle Park-based Liquidia is pioneering an inhaled powder that holds the potential to treat pulmonary arterial hypertension, a rare, chronic and progressive disease that can lead to heart failure and eventually death. The company is also studying a sustained release injectable product that can potentially extend pain relief following surgeries, possibly diminishing or eliminating the need for opioids.



Neal Fowler (podium, center) celebrates on the Nasdaq trading floor in August 2018.

## Campaign Update

The Campaign for Carolina is a University-wide fundraising effort focused on maintaining excellence in teaching, research and service. As of June 2019, the UNC Eshelman School of Pharmacy has raised more than \$152 million toward our campaign goal of \$175 million. More than 2,250 pharmacy alumni and friends have contributed to the campaign to advance our five strategic funding priorities. Learn more at [campaign.unc.edu/pharmacy](http://campaign.unc.edu/pharmacy).



### FACULTY

RAISED \$30.5 million

GOAL \$30.5 million

PROGRESS **100%**



### BUILDING

\$3.4 million

\$15 million

**23%**



### STUDENTS

\$6.6 million

\$10 million

**66%**



### GLOBAL

\$7.9 million

\$12.5 million

**64%**



### INNOVATION

\$104 million

\$107 million

**98%**



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23%

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64%

GLOBAL

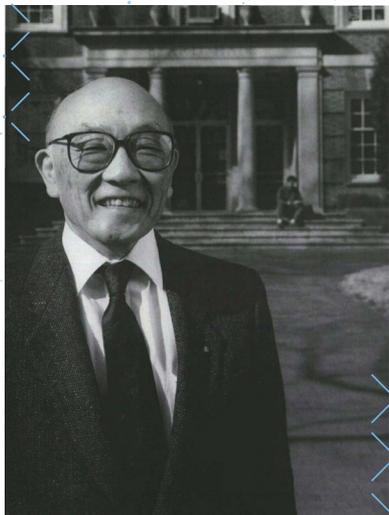


98%

INNOVATION

	FACULTY	BUILDING	STUDENTS	GLOBAL	INNOVATION
RAISED	\$30.5 million	\$3.4 million	\$6.6 million	\$7.9 million	\$104 million
GOAL	\$30.5 million	\$15 million	\$10 million	\$12.5 million	\$107 million

## Pharmacy Flashback



The UNC Eshelman School of Pharmacy reflects on the extraordinary life of former Dean Tom Miya, who passed away on May 30, at the age of 96. Dean Miya, born in Hanford, California, had a powerful story of perseverance that included surviving Japanese internment camps during WWII, pushing to be accepted into pharmacy school, serving in the U.S. Army and later receiving his doctorate in Pharmacology. He led the UNC Eshelman School of Pharmacy from 1977 to 1992. During his tenure, the growth of pharmacy education at the School began to unfold, the North Carolina AHEC program began, and the Pharmacy Foundation of North Carolina undertook aggressive action in developing its assets.

## Giving Back: Advancing Medicine for Life

“We have so many reasons to be proud of our School — our excellent students and their life achievements, the School’s high standards, innovative teaching methods that are now replicated by other schools, outstanding professors plus researchers, and making incredible strides with disease states. We want to help continue the great work of the UNC Eshelman School of Pharmacy. We love Carolina and we love our School.”

*-Linda & Cliff Butler, '68*



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At the UNC Eshelman School of Pharmacy, everything we do begins and ends with a patient in mind. Support from our alumni and friends makes our mission possible. To learn more about ways to give, contact [pharmacycampaign@unc.edu](mailto:pharmacycampaign@unc.edu) or (919) 966-1963.

# SAVE THE DATE

## 26TH ANNUAL PHARMACY ALUMNI WEEKEND | OCT. 25-26

Nothing could be finer than to be in Carolina for the 2019 Pharmacy Alumni Reunion! Reconnect with old friends, network with fellow alumni and current students, and help us cheer on the Tar Heels during Carolina's Homecoming football game against Duke, the greatest rivalry on Earth.

Registration is now open at  
[www.pharmacy.unc.edu/alumniweekend](http://www.pharmacy.unc.edu/alumniweekend).



### CLASS NOTES

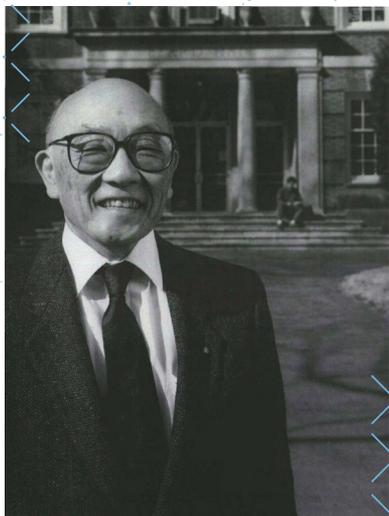
Stay up-to-date with your UNC Eshelman School of Pharmacy classmates and share your own personal and professional updates by visiting the Class Notes section of our website: [pharmacy.unc.edu/alumni/stay-informed/class-notes](http://pharmacy.unc.edu/alumni/stay-informed/class-notes).



ESHELMAN SCHOOL  
OF PHARMACY

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Chapel Hill, NC 27517

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