# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>MESSAGE FROM THE DEAN</td>
</tr>
<tr>
<td>6</td>
<td>LEAD.</td>
</tr>
<tr>
<td>8</td>
<td>CARE.</td>
</tr>
<tr>
<td>10</td>
<td>TRANSFORM.</td>
</tr>
<tr>
<td>12</td>
<td>GRADUATES</td>
</tr>
<tr>
<td>14</td>
<td>DISTINGUISHED ALUMNI</td>
</tr>
<tr>
<td>16</td>
<td>LOOKING AHEAD</td>
</tr>
<tr>
<td>18</td>
<td>@RxDeanMac</td>
</tr>
</tbody>
</table>

**MESSAGE FROM THE DEAN**
- Intro to Next Lives

**LEAD.**
- Profile on Flat Ache and Urban Impact

**CARE.**
- Profile on J. Boone and Academic Excellence

**TRANSFORM.**
- Profile on Tim Phoenix and Innovation Agenda

**GRADUATES**
- PharmD, Cosmetic Science, and Pharmacy Leadership graduates

**DISTINGUISHED ALUMNI**
- Christopher Grange
- Margaret Davis
- Edward Zawaley
- Miles Hart

**LOOKING AHEAD**
- UC College of Medicine and Pharmacy students will now learn together
MESSAGE FROM THE DEAN

At the James L. Winkle College of Pharmacy, our aim is to do the remarkable each day as related to education, research, and service. In this year’s annual report, you will see pictures and read stories about our activities and accomplishments. We strive to lead, care and transform and to do so in a remarkable fashion.

Over the past year, the leadership at the University of Cincinnati has developed a new strategic direction called Next Lives Here. There are three main platforms, or pillars, of Next Lives Here: (1) academic excellence, (2) urban impact, and (3) innovation agenda. We have structured this report to correspond to these three platforms. First, we are proud of our academic excellence at the college, and we have the goal of providing exceptional education. Second, we are an urban university, located in uptown Cincinnati, and our college is having an impact on arguably the largest public health crisis facing our community, the opioid crisis. Third, our cutting-edge research is contributing to the university’s innovation agenda. Research funding held by our faculty has increased from $4.3 million in 2013–14 to $9.7 million in 2017–18. Beyond the statistics, programs and initiatives are the people, our faculty, staff, students, alumni and other friends of the college. Over five years as dean, I have had the opportunity to interact with many of you, and am continually impressed by your dedication to, and love for, the college. Leadership expert Tim Drinan says, “Jobs are about making a living. Work is about leaving a legacy.” I have no doubt that we are leaving a rich legacy at the college, one that can be built upon by others in the future.

Enjoy, and go Bearcats!

“Dean Mac”
Neil MacKinnon, BSc (Pharm), MSc (Pharm), PhD
Dean and Professor | James L. Winkle College of Pharmacy
RxDeanMac@uc.edu
@RxDeanMac

Don’t live down to expectations. Go out there and do something remarkable. —WENDY WASSERSTEIN

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“It’s a Small Word (After All)” is a magical melody about global unity and kindness—a children’s tune touted as hard to get out of your head, even for adults. Perhaps it sticks because it should, as a reminder that everyone benefits when we embody a singular culture of equity and inclusion.

“Diversity is about so much more than race,” says Pat Achoe, RPh, CDP, who joined the James L. Winkle College of Pharmacy in 2017 as director of equity and inclusion and chairs the council on diversity, made up of many voices: students, faculty, staff, health care administrators, community and corporate partners. Achoe’s role at the college is a collaboration between the college and the Kroger Co., where she worked on Kroger’s Health and Wellness team. Her position at the college is part outreach—speaking at Cincinnati’s urban public schools about the pharmacy profession—and part training, teaching pharmacy faculty, staff and students how to model a culture where everyone has the same opportunity to succeed.

“We all have unconscious bias, but once you get here, we want you to experience an inclusive culture,” says Achoe, adding that the goal of the college is to graduate the “culturally competent pharmacist.”

Of the 96 students accepted into the Doctor of Pharmacy class of 2022, 36 students reported a race/ethnicity other than white. Minority enrollment has increased to 24.8% in 2017, up from 15.4% in 2012.

The Winkle college collaborates with 100 pharmacy practice partners, 190 individual practice sites, most within 30 miles of UC’s urban campus. Practice partners include retail, hospital and long-term care pharmacies, but the college also partners with the St. Vincent DePaul Charitable Pharmacy, a pharmacy of last resort for the underserved of Cincinnati.

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Rusty Curington, PharmD (center), was the first pharmacy graduate to complete a residency at St. Vincent DePaul and now serves as assistant director of pharmacy and acts as an preceptor. Lydia Baily, PharmD (left), completed her residency in 2016 and stayed on as a clinical pharmacist and preceptor. Danielle Eaton (right) is the fifth resident to go through the St. Vincent DePaul residency program.

ST. VINCENT DEPAUL CHARITABLE PHARMACY

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- 190 individual practice sites, most within 30 miles of the UC’s urban campus.

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—Pat Achoe, RPh, CDP

MINORITY ENROLLMENT

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MINORITY ENROLLMENT
Jill Boone, PharmD, is a firm believer in getting as many experts in the room to tackle the complexities of 21st century health care. To this end, Boone has poured her heart and mind into the team practice approach by co-authoring quality improvement research toward managing chronic pain in primary care settings. She has initiated collaborations with integrative medicine on pain management therapies, such as yoga and meditation, and co-leads pain management telemonitoring program for primary care physicians. Boone also helped establish monthly group visits at the University of Cincinnati Medical Center, where the physician, pharmacist, a rotation of other experts, and patients, all meet to engage in learning best care practices from each other.

“The most impactful statement I’ve ever heard regarding the group visit model was from a patient who said, ‘This is the first time I’ve felt like a partner in my care and not a patient,’” she says.

Boone’s 35-year career started with practice in acute care and a focus on pain management, but for 15 years, she worked in both inpatient and ambulatory clinical pharmacy practice in transplantation and served as the director of transplant outcomes at UC Medical Center. Over the past five years, Boone’s passion for pain management has re-emerged through engagement in a variety of practices, including the Adult Sickle Cell Center at UC, as well as becoming active in addressing the opioid crisis through prevention efforts and research evaluating the impact of state policies and guidelines. Boone’s leadership and multidisciplinary collaborations in pain management represent her mindset: “To optimize care and minimize risk, we really need to change the way we offer care to our patients.”

UC TOTAL ENROLLMENT

<table>
<thead>
<tr>
<th>Year</th>
<th>Enrollments</th>
</tr>
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<tbody>
<tr>
<td>2018</td>
<td>43,949</td>
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<tr>
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</tr>
</tbody>
</table>

UC can take enrollment modeled for this past year and is an exception in a nationwide trend of declining enrollments.
As part of an Academic Health Center, we believe in evidence-based medicine, where the results of research often produce an "ah ha" moment—when the facts come together to make perfect sense.

Naturally, with the college’s mission statement aligning research around cancer and neuroscience, it also made perfect sense to partner with our neighbor, Cincinnati Children’s Hospital Medical Center, to recruit Timothy Phoenix, PhD, a pediatric brain tumor researcher.

"The strong neuroscience, developmental biology, and cancer research programs at UC and Cincinnati Children’s provide a great environment for junior faculty to thrive," says Phoenix, an assistant professor whose research is specific to malignant brain tumors, rare in children and adults, but almost always deadly.

Having trained under renowned scientists at Albany Medical College and St. Jude Children’s Research Hospital, as a postdoc Phoenix discovered a unique tumor-vascular interaction that may partially explain the exceptional clinical response identified in a subset of patients.

"The field has made significant progress over the past decade in understanding the genetics that drive brain tumor development and growth. It provides an existing opportunity to attack these tumors with new targeted therapies, but unfortunately the vast majority of these drugs do not penetrate into the brain," says Phoenix.

Figuring out how tumors interact with this natural blood-brain barrier will greatly inform our choices of pharmacologics, he says, and learning how to potentially modulate it to allow drug entry is key to developing new, effective treatments and improving overall long-term survival.

In August 2018, Phoenix received his first externally funded grant as a principal investigator to study this key drug barrier in a subset of deadly pediatric brain tumors known as Diffuse Intrinsic Pontine Glioma (DIPG). The 3-year, $577,200 Career Development Grant, sponsored by the Department of Defense, is titled: "Defining and Targeting the Blood-Brain Barrier in Pediatric Glioma Subgroups." This is just one example of how our research funding continues to grow.
What we learn here never leaves us. We need to make it a priority to pass it on to the next generations.

—MIMI HART, RPh

From the College

Christopher Droege, PharmD ('08)
Graduate of the Last Decade Award

Droege, an adjunct assistant professor, is regarded as an exemplary clinical pharmacist and is currently serving on a clinical pharmacy specialist in critical care at the University of Cincinnati Medical Center. He is a dependable resource and dynamic teacher in the realm of critical care and emergency medicine. An innovative researcher, he has worked on more than 20 abstracts, grants, contracts and research projects with more than 20 publications. He participates in local, state and national professional organizations, including a recent appointment as faculty for the American Society of Health System Pharmacists (ASHP) Board Certified Critical Care Pharmacist (BCCCP) course. Droege has received a number of awards from UC Health, including the Christopher Droege, PharmD ('08) Graduate of the Last Decade Award.

From the University

Edward Zastawny, PharmD ('82)

As a senior-level executive with 34 years of pharmacy and clinical experience, Zastawny is known for his dedication to building and managing successful teams. His powerful combination of leadership skills and clinical knowledge has been recognized with numerous awards, including Clinical Pharmacist of the Year Award from the American Society of Health System Pharmacists (ASHP) and a studiee focusing on the clinical and managerial care program. He is currently the senior medical scientist liaison with Santen, Inc. in New Braunfels, TX, and formerly worked for the USAF Government Solutions and Novartis Pharmaceuticals after serving on the military. Due to his impact on the field, he received the ASHP Edward Zastawny Clinical Pharmacist of the Year award. He is the only USAF pharmacist to be selected as a Company Grade Pharmacist of the Year, Clinical Pharmacist of the Year and Field Grade Pharmacist of the Year. Ed earned his Bachelor of Science in Pharmacy from UC and his PharmD from the University of Texas at Austin.

Margaret Eves, PharmD ('80)
Arthur C. Glasser Award

Eves is a champion for diversity and is a dedicated volunteer with the James L. Winkle College of Pharmacy. Upon graduating with her Bachelor of Science in Pharmacy from UC in 1980, Eves began her extensive career with Walgreens and is currently a staff pharmacist in Cincinnati. Her belief in strengthening the profession through diversity initiatives led her to establish the college’s Council of Diversity, an organization of key leaders in the college and community. She enthusiastically volunteers with the college through admissions interviews and recently assisted with a special alumni project. She is active with the National Pharmaceutical Association of Cincinnati and is a charter member of the Cincinnati Pharmaceutical Association. She was named a Cincinnati Enquirer “Woman of the Year” honoree for her work with addiction treatment, primarily as a consultant pharmacist for the Center for Chemical Addictions Treatment. Mimi Hart, RPh

UC Outstanding Alumni Award

Hart’s selfless commitment to her profession, her alma mater, her students and her community is widely revered. The owner and CEO of the Hart Pharmacy in Cincinnati, Hart has been a devoted mentor and preceptor in her college and a constant presence in the skills lab. She was named a Cincinnati Enquirer “Woman of the Year” honoree for her work with addiction treatment, primarily as a consultant pharmacist for the Center for Chemical Addictions Treatment. She previously served as a consultant pharmacist for the Center for Chemical Addictions Treatment. She is also involved with the Cincinnati Museum of Science and is a member of the American Undergraduate Theater.
For the first time in the history of the University of Cincinnati’s (UC) Academic Health Center, first-year students in UC’s colleges of medicine and pharmacy will take a required course together. The two-course series (Principles in Interprofessional Collaborative Practice and Applications in Interprofessional Collaborative Practice) will begin in spring 2019 and are co-directed by Jill Boone, PharmD, and Tiffiny Davis, MD. The courses are designed to acquaint students with aspects of each other’s professions early on in their education and provide students the skill set to engage effectively as interprofessional teams in the workplace.

“Health care has become so complex that educators and clinicians in the health care professions are recognizing we all have a role to play, and we have to do it in the most efficient manner possible,” says Boone, professor and director of interprofessional education at UC’s James L. Winkle College of Pharmacy.

“We want to be able to place students with highly functioning teams in the clinical environments where they themselves are going to be practicing.”

Total pharmacist employment is projected to grow by 18,000 jobs from 2018-2026.

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RANKED 33RD, TOP 25%
—U.S. News and World Report

RANKED 12TH
BEST PHARMACY DEGREE IN NATION
—SR Education

NEW PROGRAMS
LAUNCHED SINCE 2013

• Online MS in pharmacy leadership
• MS in Cosmetic Sciences in partnership with Chongqing Medical University
• MS in Drug Development partnership with Xiamen University, China
• BS/MS dual degree with co-op program in cosmetic science