“Let Me Tell You” is the name of our college’s video which was released this summer and which can be viewed on the homepage of our college’s website (pharmacy.uc.edu). In many ways, this Annual Report builds upon the college video and provides me with an opportunity to share the highlights from this past year with you.

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
On Twitter and Instagram: @RxDeanMac
pharmacy.uc.edu
Our college is the 4th oldest in the U.S. and the accomplishments of our past faculty and students continue to inspire us today. In 1954, our college joined the University of Cincinnati under the leadership of Dean Joseph Kowalewski. In June, the university’s Board of Trustees voted to rename the home of the college “Kowalewski Hall” in honor of his key role at a critical time in the life of our college. On November 9th this fall, we will be hosting an official renaming ceremony.
The James L. Winkle College of Pharmacy had its campus home recently renamed for a beloved and influential leader in the field of pharmacy: Joseph F. Kowalewski, who was dean of the college from 1949 to 1970.

Raised in Wisconsin, Kowalewski earned a degree from the University of Chicago and graduate degrees from the University of Cincinnati. From 1931 to 1941, Kowalewski, while working on his doctorate, taught chemistry on a part-time basis at the Cincinnati College of Pharmacy, an independent pharmacy school which opened in 1850.

Kowalewski eventually earned appointment as director of research at Sperti, Inc. in Cincinnati where he worked developing cosmetics, detergents, food products and pottery glazes. He also oversaw the development of Preparation H® and is credited with coining the name for the product.

In the fall of 1949, Kowalewski returned to the Cincinnati College of Pharmacy as dean. He revitalized school finances by raising a substantial endowment and directed the merger of the school with the University of Cincinnati in 1954 to become the university’s 13th college. His leadership secured continued educational accreditation and the development of new degree programs at the college, strengthening pharmacy education in Cincinnati.

Dean Joe, as he was affectionately known around the college, died in March 2000 at age 100. By University Board of Trustees action this June, his transformational leadership will continue to be recognized, as the Health Professions Building, home to the College of Pharmacy, will now be known as Joseph F. Kowalewski Hall.

“Dean Kowalewski’s powerful impact to the Winkle College of Pharmacy and the pharmacy community is still felt today. He endeared himself to all his students and strived to make pharmacy education affordable for them. Dr. Kowalewski saved, secured, invested, educated and transformed what we know today as the Winkle College of Pharmacy.”

Professor Emeritus, Winkle College of Pharmacy

Prior to his service as pharmacy dean, Joseph Kowalewski worked in industry, responsible for developing and overseeing a broad range of products—including cosmetics, detergents, and Preparation H®, a name he coined. It was his leadership that brought the independent Cincinnati College of Pharmacy to merge with the University of Cincinnati in 1954 to become the UC College of Pharmacy.
The auditorium, previously serving as office space, will be restored as an Active Learning Hall incorporating leading-edge technology. Heating, ventilation, air conditioning, plumbing, electrical, lighting and technology infrastructure for the college in the 118,590 sq. ft. building will undergo structure-wide replacements and system upgrades. South Wing configuration will include new classrooms and teaching laboratories. Adjacent building to be demolished, allowing for a new south side facade.
Kowalewski Hall

First opened 1918, serving as home to the medical department of the University of Cincinnati

Designed by famed Cincinnati architectural firm Samuel Hannaford & Sons

Became the medical campus location of the College of Pharmacy in 1976

For students, Level 3 will have dedicated group study areas and networking spaces

North Wing will house administrative offices and suites

BUILDING ON THE PAST

- First opened 1918, serving as home to the medical department of the University of Cincinnati
- Designed by famed Cincinnati architectural firm Samuel Hannaford & Sons
- Became the medical campus location of the College of Pharmacy in 1976
OUR ADVANTAGE IS OUR PRACTICE PARTNERS.

“There were things here that stood out to me; especially the experiential learning programs and the quality of the preceptors here.”

Fourth-year PharmD candidate Meghan Hackerson
We are truly blessed with a number of top-ranked health systems and innovative community pharmacies in the greater Cincinnati area. Our college collaborates with 100 different practice partners which results in over 1000 rotations for our PharmD students. This experiential training was commended by the survey team in the 2013 accreditation report about our PharmD program, calling it “a particular strength of this program.”

Anthem
AssureX Health
Atrium Medical Center
Bernens Convalescent Pharmacy
Bethesda North Hospital Pharmacy
BioMed Specialty Pharmacy
CareSource
Cincinnati Children’s Hospital Home Care Pharmacy
Cincinnati Children's Hospital Liberty Campus
Cincinnati Children’s Hospital Medical Center
Cincinnati Health Department–Elm St.
Cincinnati Health Department–Millvale
Cincinnati Health Department–Price Hill
Clark’s Pharmacy–Middletown
Columbus Nationwide Children’s Hospital
Community First Solutions
Consumer Health Information Corp.
CTI Clinical Trial and Consulting Services
CVS Pharmacy–Clifton
CVS Pharmacy–Walnut Hills
CVS Pharmacy–Montgomery
CVS Pharmacy–Indian Hill
CVS Pharmacy–Corporate
CVS Pharmacy–Kenwood
CVS Pharmacy–West Chester
Dayton Children’s Hospital
Dearborn County Hospital
Dept. of Veterans Affairs–Chillicothe
Dept. of Veterans Affairs–Cincinnati
Dept. of Veterans Affairs–Cincinnati Fort Thomas
Dept. of Veterans Affairs–Dayton
Drake Center
Drake–Christ Hospital
Drug & Poison Information Center–Cincinnati
Faith Community Pharmacy
Fields Family Pharmacy
Fort Hamilton Hospital
Fort Mitchell Drug Shoppe
Fort Thomas Drug Center
Good Samaritan Hospital
Good Samaritan Infusion Center at MediCenter
Group Health Pharmacy–Clifton
Hart Pharmacy
Healing Springs Pharmacy
HealthSpan
Homecare Pharmacy
Huber Personalized Medicine
Humana RightSource
Kentucky Professionals Recovery Network
Kettering Hospital
Kroger Pharmacy–Amelia Main Street Marketplace
Kroger Pharmacy–Anderson
Kroger Pharmacy–Blue Ash
Kroger Pharmacy–Corporate
Kroger Pharmacy–Delhi on Delhi
Kroger Pharmacy–Dent
Kroger Pharmacy–Erlanger
Kroger Pharmacy–Ferguson Rd
Kroger Pharmacy–IT
Kroger Pharmacy–Mitchell Ave.
Kroger Pharmacy–Mt. Washington
Kroger Pharmacy–North College Hill-Hamilton Ave.
Kroger Pharmacy–Northgate
Kroger Pharmacy–Norwood
Kroger Pharmacy–Western Hills
McCullough Hyde Memorial Hospital
Medication Managers
Mercy Health–Information Systems
Mercy–Anderson
Mercy–Clermont
Mercy–Fairfield
Mercy–Jewish Hospital
Mercy–West
Mills Pharmacy
Ohio Medicaid
Ohio Pharmacy Counseling Services, Ltd.
Procter & Gamble–Mason
Providence Medical Group
Ruwe Family Pharmacy
Schaeper’s Pharmacy
Select Specialty Hospital
Simplicity Rx
Skilled Care Pharmacy
St. Elizabeth–Edgewood
St. Elizabeth–Florence
St. Elizabeth–Fort Thomas
St. Vincent DePaul Charitable Pharmacy
Summit Behavioral Healthcare
Sycamore Hospital
Target Pharmacy–Ridge
The Christ Hospital
Tri-State Compounding Pharmacy
UC College of Pharmacy–Christ Hospital
UC College of Pharmacy–Elios Center
UC College of Pharmacy–Five Rivers Health Centers
UC College of Pharmacy–Kroger
UC College of Pharmacy–McMicken Health
UC College of Pharmacy–Mission Trip
UC College of Pharmacy–St. Elizabeth-Family Practice Ctr.
UC College of Pharmacy–Teaching
UC College of Pharmacy–UC Medical Center
UC Health
University of Cincinnati Medical Center
University of Cincinnati Medical Center–Research
University of Cincinnati Medical Center–Deaconess
Village Life Outreach Project
Village Pharmacy
Walgreens Pharmacy–Evendale
Walgreens Pharmacy–Home Infusion
Walgreens–District Office, Cincinnati
Walgreens–Howard Brown Health Center Chicago
Walgreens Pharmacy–W. Galbraith
West Chester Hospital
Wright-Patterson AF
Yost Pharmacy
Yukon-Kuskokwim Health Corporation
“STRAIGHT UP FANTASTIC!” is the rave review from Tyler Vest, a fourth-year UC pharmacy student finishing up a clinical pharmacy rotation in trauma service at University of Cincinnati Medical Center (UCMC). Located within steps of UC’s pharmacy college, UCMC—the University’s affiliated teaching hospital—provides 90 clinical pharmacy rotations, with an additional 75 rotations at outlying UC Health locations. The majority of pharmacy students who rotate at UCMC come from UC’s James L. Winkle College of Pharmacy, but UCMC also precepts students from Ohio Northern and Ohio State University.

Pharmacy rotations here began about 50 years ago and started with general rotations such as medicine, surgery and ambulatory care. The program gradually expanded to include specialty areas and now has 20–25 preceptors who oversee more than a dozen student rotations each month.

UCMC clinical pharmacist and preceptor Kiranpal Singh Sangha, PharmD, who developed the specialty rotation in neurocritical care in 1991, says students here get a “good exposure” to institutionally based health care.

The experiential learning program, he says, is set up to provide students with both the knowledge of how a hospital system works and the training to determine whether clinical hospital pharmacy is the career path they see themselves taking.

“...you definitely have experiences you wouldn’t expect.”

In addition to general rotations in medicine, surgery and ambulatory care, UCMC rotations include:

- medical intensive care unit
- surgical intensive care unit
- emergency department
- oncology
- anticoagulation clinic
- psychiatry
- cardiology
- drug policy development
IT’S IMPOSSIBLE to be in more than one place at a time. Unless you are Mimi Hart, the owner of Hart Pharmacy on Cincinnati’s west side.

In addition to running the independent pharmacy her father, Thomas Hart, opened in 1960, Hart sits on the board of Santa Maria Community Services, helped found the community action group, Price Hill Will, and volunteers as a pharmacy consultant to two drug addiction rehabilitation centers: the Center for Chemical Addictions Treatment, a medically monitored detox facility with short term inpatient and outpatient services, and First Step Home, a drug rehabilitation center for pregnant women.

And she serves as a preceptor in the clinical skills lab of her alma mater—the James L. Winkle College of Pharmacy.

“I get a lot of stuff done in the middle of the night,” Hart responds when asked how she manages to be a full-time pharmacist, stay connected to pharmacy education at UC and continues to be so actively involved in community service.

“As an independent pharmacy we are very close to our patients and our community. We try to foster an environment where community service is valued and encouraged.”

Of Note: Mimi Hart was awarded the American Pharmacists Association Bowl of Hygeia Award by the Ohio Pharmacists Association in 2012. The award recognizes pharmacists who possess outstanding records of civic leadership in their communities and encourages pharmacists to take active roles in their communities. Hart is the only woman in Ohio to hold the award.

Her work ethic and exceptionalism also earned Mimi Hart the honor of being named a Cincinnati Enquirer Woman of the Year, Class of 2014.
This fall, the University of Cincinnati set a new enrollment record with 44,274 students. At our college, we had 457 students when I arrived as dean in August 2013 and we have 491 students today, a 7.5% increase. Despite the large numbers, we strive to treat each student as an individual. The service learning component of our curriculum aims to produce pharmacists who are compassionate and reflective practitioners. We are in the midst of enhancing our learning environment for our students through a $27 million renovation to Kowalewski Hall and a $5 million renovation to research laboratories for our college in the Medical Sciences Building.
This Schoolhouse Rocked It

REMEMBER the Schoolhouse Rock song “How a Bill Becomes a Law.” Well, this is the grown up version.

In December 2014 Ohio’s Governor John Kasich signed a bill into law that lowered the age of patients at which a pharmacist may administer certain immunizations and expands immunizations a pharmacy intern may administer.

The law, which went into effect March 19, 2015, was a change that students and faculty from the James L. Winkle College of Pharmacy have lobbied for since 2013.

Under the old law, pharmacists could only give flu shots to individuals 14 years old or older and pharmacy interns may give flu shots to individuals 18 years old or older. Under the new law both pharmacists and pharmacy interns may give flu shots to individuals starting at 7 years old.

“It is very rare when students can play such an integral role in changing the laws that determine how they will practice,” the college’s Director of Experiential Training, Assistant Professor Michael Doherty, PharmD, explains of how the bill was born during the first Professionalism and Advocacy elective he taught. The students invited Senator Eric Keeney to speak and were encouraged to take an active role in the laws that govern their profession, says Doherty.

While all 50 states allow pharmacists to immunize patients, restrictions vary from state to state.

Speaking as a student pharmacist, pharmacy intern and as the University of Cincinnati student representative to the Ohio Pharmacists Association Board of Trustees, PharmD candidate (now graduate class of 2015) Erin Rogers testified to lawmakers in support of a new bill on three occasions and explained in her testimony how expanding the scope of practice for pharmacists and pharmacy interns would increase access to health care for Ohioans.

The Ohio Pharmacists Association was the main backer of the bill, which passed by a strong majority in both the Senate and the House.

“The entire process has been an unbelievable experience for our students and the college as a whole.”

Assistant Professor Michael Doherty, PharmD, whose Professionalism and Advocacy elective fostered the legislative involvement

“University of Cincinnati pharmacy students played a key role in expanding access to immunizations in Ohio.”

Pharmacy Times
January 2015
White Coat Connection

**ON AUGUST 21,** when our freshly minted PharmD students put on their white coat in Kresge Auditorium, there was a card in the pocket indicating who in their pharmacy family sponsored their coat. For those who choose, the card also indicates an opportunity for mentorship and a connection with someone who has been there, and been successful, to answer their questions as they begin to navigate pharmacy school.

This year’s white coat ceremony marks the first time that the James L. Winkle College of Pharmacy partnered with alumni, faculty, and friends to get each coat sponsored, with over 100 coat sponsorships from 75 alumni, faculty, and friends.

“I wanted to find a way to support students, and sponsoring white coats seemed to be a perfect opportunity. I want them to know that I am behind them 100%.”

Alumnus and coat sponsor Dick Darlington (‘55)
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<tr>
<th>Sponsor (Graduation Year)</th>
<th>Thanks to the following for sponsoring White Coats this year:</th>
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<td>Terry Beckemeyer (1973)</td>
<td>Mary and Thomas Hart (1958)</td>
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<td>Gregory Braylock (1997)</td>
<td>Dennis Helling (1973)</td>
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<tr>
<td>Whtney Buteraub (2013)</td>
<td>Barb Huheey</td>
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<tr>
<td>Mary Cubick (1994)</td>
<td>Alan Kessler (1972)</td>
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<td>Harry Dingledine (1958)</td>
<td>Dan Knight (2007)</td>
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<tr>
<td>Kimberly Eskridge-Rose</td>
<td>Erin Mchenry (2005)</td>
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<td>Nicholas Messinger (2012)</td>
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<td>Anne Moorman (1995)</td>
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<td>John Morgan (1984)</td>
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<td>Eric Mueller (1999/2001)</td>
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<td>Amanda Peck (2012)</td>
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<td>Davies Pharmacy</td>
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<td></td>
<td>Mike Puccini (1983)</td>
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<td>Verna Reese (1984)</td>
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<td>Helene Robinson (1979)</td>
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<td>Shelley Rose (1993)</td>
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<td>David Roth (1978)</td>
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<td>Mary Sauls (1974)</td>
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<td>David Shelton (1973/1974)</td>
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<td>Richard Slaughter (1975)</td>
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<td>Emily Soller (1998)</td>
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<td>Harold St. Clair (1968/1971)</td>
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<td>Ryan Steadman (2007)</td>
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<td>Blythe Steele (1996/2007)</td>
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<td>Dawn Valentine (1988)</td>
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<td>Melca Wallace (1982)</td>
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<td>Kim Warner (2010)</td>
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<td>Brad Welage (1997/1999)</td>
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<td>Tracy Wiczer (2011)</td>
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<td>Patricia Wigle (Faculty)</td>
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<td>James Winkle (1958)</td>
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The James L. Winkle College of Pharmacy’s Kappa Psi Beta Phi chapter received three of four awards at the fraternal organization’s recent Great Lakes Province assembly (below). There they were also recognized as the #1 chapter in the province, which includes nine pharmacy school chapters such as Ohio State University, the University of Kentucky and the largest pharmacy school in Ohio, at Ohio Northern University.

Fourth-year PharmD candidate Meghan Hackerson (below) was the 2015 recipient of the national American Pharmacists Association Student Leadership Award. Hackerson also received a United States Public Health Service Excellence in Public Health Pharmacy Practice Student Award in 2015, and was named Volunteer of the Year in 2014 by the public service non-profit, Melanoma Know More.

Class of 2015
Council of Ohio Colleges of Pharmacy Student Leadership Award
Jaime Lee Schwendenmann
Facts and Comparisons Clinical Communication Award of Excellence
Kinsey Rose Kowalski
Merck Award
James Matthew Keeler
Emily Ann Kolb
Alexa M. Petrarca
Mylan Excellence in Pharmacy Award
Jessica Nicole Hatton
Natural Medicines Comprehensive Database Recognition Award
Cory Albert Simonavice
Ohio Pharmacists Association Student Leadership Award
Erin Sawyer Rogers
Teva Outstanding Student Award
Alicia Marie Browning

Fourth-year PharmD candidate Tyler Vest (right) has been appointed chair of the 2015-2016 American College of Clinical Pharmacy (ACCP) National Student Network Advisory Committee. This position is the highest student leadership position within ACCP.

Additionally, Vest speaks at the 2015 ACCP Global Conference on Clinical Pharmacy October 17–21, 2015, in San Francisco, California.

The James L. Winkle College of Pharmacy’s Kappa Psi Beta Phi chapter received three of four awards at the fraternal organization’s recent Great Lakes Province assembly (below). There they were also recognized as the #1 chapter in the province, which includes nine pharmacy school chapters such as Ohio State University, the University of Kentucky and the largest pharmacy school in Ohio, at Ohio Northern University.

Rho Chi inductees from the Class of 2015:
Andrew Anger
Holly Baldwin
Megan Branham
Alicia Browning
Ryan Craynon
Jenny Custer
Kenneth Daniels
Tara Fehrenbach
Jessica Hatton
Rebecca Hedden
James Keeler
Alex Klingenbeck
Emily Kolb
Kinsey Kowalski
Xiaohui Liu
Emily Lodwick
Julia Outcalt
Ashley Paluta
Michelle Paphathanas
Nicholas Ullmann
Elizabeth Walker
RESIDENCY 85 percent of Winkle College of Pharmacy 2015 PharmD graduates seeking residencies placed during the 2015 match.

Caroline Barone St. Thomas West Hospital (Nashville, Tennessee)
Megan Branham The Ohio State University Wexner Medical Center
Alicia Browning Cincinnati Children's Hospital Medical Center
Allison Brunsman Henry Ford Hospital (Detroit, Michigan)
Ryan Craynon University of Wisconsin Hospital and Clinics (residency and MS, PGY-1 Pharmacy Practice Residency)
Tara Fehrenbach University of Cincinnati and Kroger Pharmacy
Charles Harvey UC Health West Chester (Ohio)
Jessica Hatton VA Medical Center (Dayton, Ohio)
Brandon Jacoby Mercy Jewish Hospital (Cincinnati)
Katelyn Johnson University of Cincinnati and Kroger Pharmacy
James Matthew Keeler The Christ Hospital (Cincinnati)
Kinsey Kowalski University of Cincinnati Medical Center
Jamie Kraemer Norton Healthcare (Louisville, Kentucky)
Emily Lodwick St. Elizabeth Medical Center (Covington, Kentucky)
Michelle Papanthnas University of Chicago Medical Center
Alexa Petrarca Louis Stokes Cleveland VA Medical Center
Michael Robinson Norton Healthcare (Louisville, Kentucky)
Michelle Robosky University of Cincinnati Medical Center
Erin Rogers The Ohio State University Wexner Medical Center (residency and MS in pharmacy administration)
Jaime Schwenendemann Memorial Hospital of South Bend (Indiana)
Cory Simonavice China Medical University, Taiwan
Elizabeth Walker Henry Ford Hospital (Detroit, Michigan)

Doctor of Philosophy Degree December 2014 Graduates
Sudhir Baswan Dissertation Title: Transport of Charged and Uncharged Solutes in Hydrated Human Nail Plate
Vibha Desai Dissertation Title: Comparative Effectiveness of Steroid Withdrawal Regimens in Patients with Kidney Transplantation: Results from Discrete Event Simulation Modeling

Master of Science Degree (Drug Development Emphasis) December 2014 Graduate
Andrea Collins Capstone Project Title: Analyses of Current Clinical Trials for Age-Related Macular Degeneration: Examination of Why Drugs are Failing in Clinical Setting

May 2015 Candidates
Rob Anderson Capstone Project Title: Effectiveness of Drug Repurposing Using the 505(b)(2) Pathway
Brittany Horning Capstone Project Title: Therapeutic Breast Cancer Vaccines: An Analysis of the Current Phase I/II and Phase III Clinical Trial Setting

Master of Science Degree (Cosmetic Science Emphasis) December 2014 Graduates
Mary Magsonb Capstone Project Title: Approaches for Anti-Glycation Skin Care

May 2015 Candidates
Patricia Acton Capstone Project Title: A Review of in vitro Sun Protection Factor Measurements and Their Correlation to in vivo Measurements
Fatheih Alkazaz Capstone Project Title: Evaluating the Use of Parabens and Formaldehyde Donors as Preservatives
Lindsey Bertram Capstone Project Title: Infrared Radiation Damage on Skin and the New Generation of Sunscreen Products
Lauren Rios Capstone Project Title: Investigations into Causes and Subsequent Reduction of Damage in Mechanically or Chemically Altered Hair
Over this past year, we have hired eight new faculty members in newly created positions and these faculty members are leaders in pharmacy practice and research. The research dollars held by our faculty has increased 19% over this same time last year. Many of these grants represent innovative projects in the biomembrane sciences, pharmaceutical sciences and in health outcomes research.
THE GROWTH IN FACULTY will help to further propel research initiatives at the college with the goal of enhancing partnerships with local health-systems and industry partners.

Front row: Ana Hincapie, PhD, joined the college in April as an assistant professor of health outcomes and the first female Latino faculty member in the history of the college. Hincapie will spend about 40 percent of her time working with St. Elizabeth Healthcare, the largest employer in Northern Kentucky.

Middle row, left to right: Neuroscience researcher Jianxiong Jiang, PhD, came on board in January 2015 as an assistant professor of pharmaceutical sciences. His area of focus is neuro-pharmacology and he holds a prestigious NIH K award.

The college hired cancer researcher Joan Garrett, PhD, in January 2015. Garrett is an assistant professor of pharmaceutical sciences and her area of research is breast cancer.

Erin Winstanley, PhD, was hired in 2014 as an assistant professor in health outcomes. Winstanley works in partnership with Mercy Health Partners, which operates five hospitals in Greater Cincinnati.

Liz Weed, PharmD, joined the college in August as assistant professor of pharmacy practice. She was hired in partnership with the Lindner Center of HOPE, a Mason, Ohio, hospital that specializes in mental health and addiction disorders.

New Faculty

Top row, left to right: Assistant professor of pharmaceutical sciences, Harshita Kumari, PhD, joined the college in February 2015, further strengthening the college’s research in cosmetic science.

Nicole Avant, PharmD, joined the college in July 2015. Her position is co-funded by the Kroger Company. An assistant professor of pharmacy practice and chief diversity officer for the college, she is the first female African-American faculty member in the history of the college. The college hired Nick Messinger, PharmD, as an assistant professor of pharmacy practice with a focus in ambulatory care and urban health disparities in 2014.
Program Scope Broadens; Research Collaborations Expand

**Cosmetic Science**

**Cosmetic Science** at the Winkle College of Pharmacy is an area of emphasis in the Biomembrane track of the Graduate Program in Pharmaceutical Sciences offering MS and PhD training to full time students and certificate and MS level training to students participating in the Cosmetic Science Distance Learning program. The latter is growing rapidly and now has more than 60 matriculated students. Discussions have been initiated to expand the program internationally, spurred by an ongoing interest in Asia and, most recently, in China.

**Skin Science and Technology Center**

**UC Research** in cosmetic science has broadened through new collaborations with both internal and external partners and is now organized under the framework called the Skin Science and Technology Center (SSTC) operating under the auspices of the University of Cincinnati Research Institute. The SSTC, currently led by College of Pharmacy Professor Gerald Kasting, PhD, involves researchers from four UC colleges—Pharmacy, Medicine, Engineering and Arts & Sciences—working collaboratively to solve problems of interest to industrial partners.

It has received significant support from industry giant Procter & Gamble through their extramural research program, Connect & Develop.

**In FY 2015–16, College of Pharmacy researchers were awarded multiyear grants through the Skin Science and Technology Center (SSTC) totaling more than $800,000, which, combined with existing awards, brings total SSTC-related research at the College in excess of $1 million.**

**College of Pharmacy researchers currently holding grants through the Skin Science and Technology Center:**
- Gerald Kasting, PhD
- Hashita Kumari, PhD
- Kevin Li, PhD
- Giovanni Pauletti, PhD
- Yuhang Zhang, PhD

Current projects cover diverse topics including:
- delivery of bioactive agents to skin and oral mucosa
- mild surfactant technology
- measurement of skin biomarkers
- computational approaches to studying skin absorption and skin hydration
Two faculty from the James L. Winkle College of Pharmacy hold prominent leadership positions within the International Pharmaceutical Federation (FIP).

Giovanni Pauletti, PhD, a pharmaceutical sciences researcher and professor at UC since 1998, was elected to serve as vice president on FIP’s Council through 2018. He has been chair of the FIP Special Interest Group on Formulation Design and Pharmaceutical Technology since 2011 and also co-chairs the FIP programming committee.

Marianne Ivey, PharmD, a professor and a pharmacy practice faculty at UC since 1988, has been elected president of the Hospital Pharmacy Section of FIP through 2018. Ivey recently concluded two terms as the FIP’s vice president of the Hospital Pharmacy Section, representing the World Health Organization (WHO) global region called the Pan American Health Organization region (Canada, U.S. and Central and South America).

The FIP is the premier global federation of national associations of pharmacists and pharmaceutical scientists, with 132 member organizations.

**SERVICE ACTIVITIES RECOGNITION**

- **Terese Cavanaugh**: President, Ohio Society of Health-System Pharmacists
- **Pankaj Desai**: Vice-Chair, Pharmacokinetics, Pharmacodynamics and Drug Metabolism Section, American Association of Pharmaceutical Scientists
- **Kelly Epplen**: Fellow, American Society of Health-System Pharmacists
- **Pamela Heaton**: Associate Editor, *Journal of the American Pharmacists Association*
- **Giovanni Pauletti**: Co-Chair, International Affairs Committee, American Academy of Pharmaceutical Scientists; Vice President, Co-Chair Programming Committee & Chair, Special Interest Group on Formulation Design and Pharmaceutical Technology, International Pharmaceutical Federation
- **Jane Pruemer**: Residency Preceptor Award, American Society of Health-system Pharmacists
- **Georg Weber**: Chairman, three review panels, Cancer Program of the U.S. Army Medical Research and Materiel Command; Keynote Speaker, Fourth International Congress on Biomarkers and Clinical Research; Keynote Forum Moderator, Cell Science 2013

**SCHOLARSHIP ACTIVITIES RECOGNITION:**

- **Jill Boone**: Partnering with Patients to Improve Chronic Pain in Primary Care—Pfizer
- **Pankaj Desai**: Pneumocystis Murina Small Animal Model Utilization for Therapeutic Evaluations—NIAID; Multi-pathogen antiviral medical countermeasure...—Inhibikase
- **Pamela Heaton**: Observational Research Methods with Secondary Data Bases—Eli Lilly
- **Gerald Kasting**: Multiscale Theory and Computer Simulation of Skin Absorptions Phenomena—NSF CBET; ZnPt Dissolution and Release from Coacervates—Proctor & Gamble; Microfluidics of On-skin Technologies—CADDMIM/UC Irvine
- **Kevin Li**: Tiered Testing Strategy for Assessing Thermal Effects on Transdermal Products—FDA
- **Heidi Luder**: Increasing Vaccination Rates with an Appointment-Based Pharmacy Model—Pfizer; Improving Care Transitions through Medication Therapy Management: A Community Partnership to Reduce Readmissions in Greater Cincinnati—NACDS
- **Yuhang Zhang**: Molecular Modulation of Tumor-Associated Fibroblasts for Melanoma Treatment—Melanoma Research Alliance

**Faculty Development and Recognition Committee Awards**

- **Kelly Epplen**, PharmD, associate professor in the James L. Winkle College of Pharmacy, was nationally recognized with the 2015 Phi Lambda Sigma (PLS) Outstanding Chapter Advisor Award. The presentation was held March 28 at the PLS 50th anniversary gala in San Diego. Epplen, inducted as a student in 1995, became the chapter’s advisor when she joined the UC faculty in 2009.
Recognizing Alumni Achievement

DeSalvo Alumni Achievement Award 2014

DENNIS K. HELLING, PharmD, DSc, FCCP, FASHP is the 2014 recipient of the DeSalvo Alumni Achievement Award. Helling’s selection recognizes innovations and advancements he has contributed to the pharmacy profession, including new practice models developed for today’s competitive marketplace. He recently retired as Executive Director of Pharmacy Operations and Therapeutics for Kaiser Permanente in Denver, where he employed over 800 staff at 29 pharmacies emphasizing expanded roles for pharmacists and ambulatory clinical pharmacy services. His practice emphasis and research have been focused on documenting the impact pharmacists have on improving patient outcomes and the costs of health care.

Helling earned his BS from the St. Louis College of Pharmacy and his PharmD from the University of Cincinnati ('73). He is a Fellow of the American College of Clinical Pharmacy (ACCP), American Society of Health-system Pharmacists (ASHP), and the APHA. He is past President of the Accreditation Council for Pharmacy Education, ACCP and the APHA Foundation board of directors. He has been an elected leader for ASHP, APHA and American Association of Colleges of Pharmacy, and is a current APHA board member. He currently serves as Vice Chairman of the board of directors of The Denver Hospice.

Glasser Alumni Achievement Award 2014

GARY A. THOMPSON, BS Pharm, RPh, PhD, FAAPS, FCP, with over 30 years of pharmaceutical experience in clinical pharmacology and strategic drug development, is the 2014 recipient of the Glasser Alumni Achievement Award.

Thompson received a BS Pharm ('76) and a PhD in pharmacokinetics/biopharmaceutics ('83) from the University of Cincinnati. Following graduation, he joined the Department of Drug Metabolism at Merrell-Dow Research Institute. In 1992, he moved to Clinical Pharmacology at P&G Pharmaceuticals where he was instrumental in the development of the Pharmacokinetics Department and responsible for mentoring emerging scientists. In 2009, Thompson retired from P&G Pharmaceuticals as a Research Fellow and founded GA Thompson Consulting, LLC, where he currently serves as principal.

Thompson’s interests include the practical implementation of theoretical pharmacokinetic/pharmacodynamic principles and mathematical modeling to improve overall drug development. He has published over 100 journal articles, book chapters and abstracts in clinical pharmacology.

Thompson’s contributions to clinical pharmacology have been recognized by election to Rho Chi Pharmaceutical Honor Society, a Fellowship in Clinical Pharmacology (Bobenheim am Berg, Germany) and election as a Fellow of both AAPPS and the American College of Clinical Pharmacology.

GOLD (Graduate of the Last Decade) Alumni Achievement Award 2014

CHRIS FORG, PharmD, a Cincinnati native who graduated with his Doctor of Pharmacy degree from the James L. Winkle College of Pharmacy in May 2010, is the 2014 recipient of the GOLD (Graduate of the Last Decade) Alumni Achievement Award. While at the College of Pharmacy, Forg served as the APHA-ASP chapter president and as vice chair of the National APHA-ASP Education Standing Committee.

Forg has been with Kroger Pharmacy for 10 years, working in a variety of positions from technician to pharmacy manager. Currently, he is the pharmacy manager at one of the highest volume pharmacies in the Kroger enterprise. In his role as manager, he received the 2013 Kroger Distinguished Manager Award.

He currently sits on the board of advisors for the James L. Winkle College of Pharmacy and serves as a preceptor for Ohio Northern University and the University of Cincinnati.
ON THE FIRST DAY OF HIS NEW JOB as a community-based pharmacist for the Kroger Co. in Cincinnati, Ryan Marable, PharmD, was admittedly nervous as he traveled to his post. Once there, however, his confidence level soared.

“I didn’t need to call anybody or ask for help. UC trained me to be ready on the day I was licensed, and I was ready.”

Not only are UC graduates fully prepared to step into their chosen profession, Marable says, but they make connections that assist them during the training process and beyond. He, for example, was highly active in SNPhA, the student arm of the National Pharmaceutical Association, and continued membership after graduation.

“I stay in touch with the university to help those students who are going through the same academic demands that I did. Working with the alumni council provides me an opportunity to remain engaged with the college and the development of our student leaders.”

---

MEET ALUMNI COUNCIL MEMBER

**Ryan Marable** PharmD’13, RPh

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Alumni Council

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Pharmacist, Health South

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PharmD ’13, RPh
Pharmacist, Kroger

**Jennifer Rudell**
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Pharmacy Supervisor, CVS Pharmacies

**Andrea L. Wall** College Liaison
BSPharm ’78, RPh

**Ryan Young** College Alumni Director
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continued
The PharmD Class of 2018, just prior to the White Coat Ceremony

Associate Dean Andrea Wall and I participate in the ALS Ice Bucket Challenge

The Veteran Apothecaries Association of Cincinnati (VAAC) visits our college

Jim Winkle and I along with PharmD and graduate students

Mary Magsombol, after successfully defending her capstone project in cosmetic science

Graduate student Yihong Deng presents a poster at the American Society of Health-System Pharmacists meeting
2015

JAN.

Visit with alumnus Frank Atterton, Class of 1953, in Florida

FEB.

My leadership team and I at the AACP Interim Meeting in Austin, Texas

MAR.

Alumni, faculty and students at the APhA Annual Conference

APR.

Indoor Go-Kart Racing with Drs. Gudelsky and Pauletti and the students who won our faculty auction item

MAY

At our Hooding and Recognition Ceremony
Board of Advisors

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Jennifer Rudell, PharmD
Pharmacy Supervisor
CVS Health
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The college is named for benefactor James L. Winkle, a 1958 alumnus, who remains active at the college and continues to support the UC mission.

Neil MacKinnon, Dean and Professor

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Jane M. Pruemer, Professor
Andrea L. Wall, Associate Professor and Associate Dean for Student and Alumni Affairs
Patricia R. Wigle, Associate Professor
Erin Winstanley, Assistant Professor
### Degree Programs at the Winkle College of Pharmacy

**Doctor of Pharmacy (PharmD)**
- Comprises training in pharmaceutical sciences, therapeutics, medication management and patient counseling, with a final year of nine one-month rotations in hospital, ambulatory and a variety of other pharmacy practice sites.

**Master's and Doctoral (MS, PhD)**
- A variety of tracks or specializations are available in pharmaceutical sciences.
- Full-time, research-intensive tracks built around the drug discovery process.
  - Areas of focus include:
    - Biomembrane sciences
    - Drug development sciences
    - Health outcomes
- Part-time master's degree
  - Cosmetic science focus
  - Drug development focus (development process rather than development science)
  - Online and on-site options available

**Graduate Certificates**
- Clinical trials design and research
- Global regulatory affairs in drug development
- Cosmetic science
- Online and on-site options available

### 10:1 Student/faculty ratio

- Class of 2019: Average GPA 3.5 | Average PCAT score 72 | 56 percent University of Cincinnati grads | Twenty-three percent minority students

### 2015 MPJE and NAPLEX First Time Pass Rate

- **MPJE First Time Pass Rate (2014)**
  - National: 95.16%
  - State: 97.73%
  - UC Winkle: 100%
- **NAPLEX First Time Pass Rate (2014)**
  - National: 95.61%
  - State: 97.77%
  - UC Winkle: 97.73%

### 85% of 2015 PharmD candidates seeking residences placed during the 2015 match

### 4th oldest pharmacy school in the U.S.

### Highest Rate of Alumni Participation

- Among all of UC’s programs which offer undergraduate degrees
- 2015 Data: 84% participation
- 2014 Data: 54% participation
- 2013 Data: 65% participation
- 2012 Data: 79% participation
- 2011 Data: 53% participation

### 19% increase in research funding:
- $5.1 million in research funding: a 19% increase from 2014

### #32 in latest U.S. News and World Report rankings

Top 25% of pharmacy schools

### 85% of 2015 PharmD candidates seeking residences placed during the 2015 match

### Maximum accreditation period (8 years) awarded in 2014

### To give to the college, please visit uc.edu/foundation/jlwcop

<table>
<thead>
<tr>
<th>Faculty/Staff Participation</th>
<th>FY’15</th>
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<th>FY’13</th>
<th>FY’12</th>
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