Learning and Living

College of Pharmacy rolls out cutting-edge curriculum.
Dear Friends,

This fall, I had the pleasure of placing the 2015 Osterhaus Medal for Lifetime Achievement around the neck of a former fellow dean and friend, Victor Yanchick.

After I did so, Vic spoke to our College of Pharmacy family about his career path. Vic touched on something that resonated with me: “I truly have been at the right place at the right time with the right people.” (Read more on page 10.)

The stars aligned for Vic throughout his lifetime, placing him into the perfect-for-him career he had never conceived of in high school. Likewise, our college is striking out in bold and exciting new directions that our predecessors could never have foreseen.

This year’s first-year PharmD students stepped into our Learning and Living Curriculum, one of the foremost curricula in all of the United States. Our faculty members worked creatively and diligently to bring this dynamic and transformative curriculum to fruition and are to be commended. For a bird’s-eye view of the curriculum flip to page 3, which will direct you to related stories.

Our college’s faculty are receiving an unprecedented level of private support. Starting on page 18, you will have the opportunity to read about the many College of Pharmacy faculty, alumni, and friends who were honored at our fall ceremonies.

Rob Kerns was named the John L. and Carol E. Lach Chair in Drug Delivery Technology, the first funded department chair in the college’s history. Rob has the mindset and credentials to lead the department to new heights.

James Ray was awarded the James A. Otterbeck OnePoint Patient Care Professorship in Hospice and Palliative Care. With this, Jim Otterbeck’s vision is one step closer to reality: the vision of housing the preeminent hospice and palliative care program in the world at the UI College of Pharmacy.

The outstanding members of our college family have leaned on, collaborated with, and supported each other in unique ways at the right times and because of that, transformative things are starting to happen.

There is, of course, one major difference between Vic’s quote and our college’s reality: Our current college facilities are not “the right place” for any of us. This year, we will begin construction on a facility that will allow the right people who have done things at the right time to finally reach the right place.

Professionally yours,

Don
Donald E. Letendre
Dean and Professor
Features...

2 College Unveils Learning and Living Curriculum
The transformative, patient-focused, and student-centered Learning and Living Curriculum kicked off in the fall of 2015.

10 Yanchick Recognized for Lifetime Achievement
Victor Yanchick received the 2015 Osterhaus Medal for Lifetime Achievement – the sixth ever given – in an October symposium.

12 Alumni and Friends Recognized During Homecoming Celebration
The college recognized several alumni and friends with the Honorary and Distinguished Alumni Awards, as well as the Genesis Award and a special Dean’s Appreciation Award.

18 Kerns Named Lach Chair
Robert Kerns has been named the John L. and Carol E. Lach Chair in Drug Delivery Technology. It is the first funded Department Chair in the college’s history.

19 Otterbeck Professorship Celebrated
The College of Pharmacy’s fourth professorship in five years, the James A. Otterbeck OnePoint Patient Care Professorship in Hospice and Palliative Care, has been bestowed on James B. Ray, PharmD, CPE.

20 2015 College of Pharmacy Award for Teaching Excellence
Jeffrey C. Reist is a clinical associate professor and director of the Pharmacy Practice Laboratory at the University of Iowa College of Pharmacy.

22 Brogden’s Lab: Solving Skin Puzzles to Benefit Older Adults
Nicole Brogden researches better ways to deliver medicine through older adults’ skin using very small needles, called microneedles.

Inside...

24 Honor Roll of Contributors

28 Alumni and Friends Events

30 Executive Leadership and Genesis Boards

32 Class Notes

34 Future Hawkeyes

36 College Notes

40 In the Spotlight: Michael Kelly

On the cover: Pharmacy students participate in a variety of active learning exercises.
LEARNING AND LIVING CURRICULUM: AN OVERVIEW

The transformative, patient-focused, and student-centered Learning and Living Curriculum kicked off in the fall of 2015. The newly-named curriculum and related teaching methods expand upon techniques that have been used successfully in the college for many years. This year’s first-year PharmD students are the first to officially use them, and each member of subsequent first-year PharmD classes will formally join the Learning and Living Curriculum as well.

Unique elements of the Learning and Living Curriculum include:

- **A two-week Professional Engagement Period**: First-year PharmD students were introduced to the profession and the college during a series of sessions during this period.
- **Aligned Component Course series (ACCs)**: Classes are now organized by disease state and will be team-taught.
- **Active learning strategies**: Instructors are lecturing less and using the freed-up class time to guide students as they dive more deeply into the material, often in small groups. (See related story)
- **Professional discovery**: Across their years in the college, PharmD students collaborate in small groups on a research project. A faculty member leads each group as they use the scientific process, develop a project, and present findings.
- **Interprofessional education**: Pharmacy students are collaborating closely with other health sciences students.
- **Greater ability to specialize**: More flexibility is built into the curriculum for students seeking dual degrees and additional specialization.
- **New electronic systems ensure PharmD students meet goals**: When an instructor creates a syllabus, it is now done electronically. Students are required to keep a detailed electronic portfolio of what they have learned. It is a graduation requirement and students gain course credit for participating.

Faculty chose the name of the curriculum, in part, because it lends itself to many interpretations, said Michael Kelly, associate dean for professional education. The curriculum itself will evolve throughout time. Students using it will be lifelong learners, who learn together and also are part of some of the same communities outside the college. The curriculum emphasizes students’ care of themselves and others.
ALIGNED COMPONENT COURSE SERIES

Learning and Living Curriculum students gain foundational knowledge in their first year in pharmacy practice, including pharmaceutical and biological sciences, health services, drug literature retrieval and informatics, and health and wellness.

In the second and third years, students will take a series of Aligned Component Courses (ACCs). This means that teams of instructors are focusing on teaching one disease state at a time. For example, when covering the respiratory system, asthma will be a topic. Students will cover what goes wrong to make asthma occur — or pathology — the pharmacology of the drugs used to treat it, and other subjects.

Formerly, stand-alone courses such as pathology and pharmacology were taught by one instructor. It made sense to tie former stand-alone subjects together by disease state according to Gary Milavetz, an associate professor and division head of Applied Clinical Sciences. Milavetz led and was a part of major college committees that created and implemented the Living and Learning Curriculum.

“The courses are organized in a more logical manner to build on prior knowledge and apply the new information to solve patient care problems,” Milavetz said.

“Lecturing, [students] may hear something and not hold onto it, but when they work with it — when they actually engage with the materials and talk about it and discuss it and analyze it — they’re going to retain it.”

LISA KELLY, ASSOCIATE DIRECTOR
UI CENTER FOR TEACHING
NO TALKING IN CLASS?
THAT’S OLD SCHOOL:
EMBRACING ACTIVE LEARNING

Active learning strategies lie at the heart of the college’s new Learning and Living Curriculum.

Traditionally, instructors at universities across the nation have filled class time by lecturing to students. But this approach can leave students alone with assigned work that may bring up more challenging issues than the lecture covered. More and more College of Pharmacy instructors have been shaking up conventional teaching methods in recent years. Starting with this year’s incoming class, active learning is much more prominent.

As both an instructor and instructional services specialist in the college, Vern Duba, clinical assistant professor, has been instrumental in helping other faculty members adopt more active learning techniques in their classes. He leads by example.

Normally a professor might give a lecture and ask “Are there any questions?” Some students find it intimidating to speak in front of a room of 108 and may not ask their question. Some may be more comfortable approaching the instructor after lecture, during office hours, or via e-mail. “Typically several students will have the same question,” Duba said. “Instructors using active learning techniques will create and embed small group activities in the lecture hall to reinforce concepts for specific learning objectives that brings out the students’ questions. Think of it as hands-on lab time replacing traditional lecture that allows a more intimate discussion between students. After the small group problem solving, the class is reunited to discuss it as a whole. Students start to expect they will work through those deeper issues as a group during class.”

The idea behind active learning is that people learn about things by doing them, not by hearing someone talk about them.

“Students retain much more when they actually do something,” said Lisa Kelly, the associate director of the UI’s Center for Teaching, which helped the college complete its curricular transformation. “Lecturing, they may hear something and not hold onto it, but when they work with it – when they actually engage with the material and talk about it and discuss it and analyze it – they’re going to retain it.”

An essential piece of this type of learning strategy is that Learning and Living Curriculum students are expected to prepare for each class by learning each class’ basic concepts before they get there, through class preparation assignments. There are consequences to not completing the work, including the obvious one of being lost during group work. Class time is mainly used to dig into and understand the most difficult concepts as a group, which puts students in the driver’s seat of their own learning.
A growing body of evidence shows that students taking science, technology, engineering and math (STEM) courses perform better when taught with active learning techniques. An instructor is still the subject matter expert, but acts as “a guide on the side,” instead of “a sage on the stage.”

Students struggling on their own with the hardest topics after class is a thing of the past.

“Faculty members know what the hardest concepts are for our students to ‘get’ in our material,” said Jay Currie, department chair of Pharmacy Practice and Science, and a clinical professor. “We’re telling students, ‘You’re going to learn about these concepts by reading or by watching the lecture before class, but until you get your calculator out and run through problems with variables that do or don’t make sense so that you can actually ‘get it,’ you haven’t gotten it.”

Earlier this school year, Xiaomei Gu, a Hardin-based clinical education librarian, taught students to search a database of scientific publications. She posed a specific, complex problem on the big screen for the more than 100 students in the large lecture hall to solve. A low murmur started in the auditorium as students with individual laptops worked on the question on their
own, in pairs or groups. After a few minutes, Gu randomly chose two students to join her at the podium to show their method on the big screen. Gu posed more questions to the large group, and eventually guided the class to the best searching technique.

“The value of the new learner-focused pedagogy is that instructors bridge theory with real-life scenarios,” Duba said.

Faculty members have said that students, in general, like the new methodology.

P1 student Jaelyn Westfield is one of them. She said preparing for each class has forced her to stay on top of her work and improve her time-management skills.

“Overall, I like this approach to learning,” Westfield said. Her high school had a similar way of teaching. “It’s nice to walk into a class and have an idea of what we are going to be discussing that day. I need time to process material, so doing outside preparation allows me to think about and hopefully understand the topic before I learn about it more in-depth in lecture.”

Some active learning strategies are used consistently, while others are sprinkled in where they fit best. For example, students have practiced networking in the hallway with Anthony Pudlo, PharmD, MBA, vice president of professional affairs for the Iowa Pharmacy Association. They use clickers - game show style — to take polls in class. Another popular strategy is “Think-Pair-Share,” a 2-3 minute activity that encourages independent thinking, peer teaching, and cooperative learning.

The pre-class assignments allow this plugged-in generation to learn in the ways that work best for them. For example, a student who is also a busy parent or who has a learning disability may appreciate being able to pause a pre-recorded lecture.

“Traditional students in that age group are much more electronically-savvy than we were, and their expectations are different,” said Michael Kelly, PharmD, MS, associate dean for professional education and a clinical professor.

“This program will help our students become life-long learners,” said Gary Milavetz, PharmD, an associate professor and division head of ACS. “We know pharmacy knowledge and practice changes and improves over time. We want students to learn to adapt to change, and we’re giving them the tools to process new knowledge. They’re also learning to use evidence-based pharmacy to improve the care of patients.”
CREATING THE LEARNING AND LIVING CURRICULUM

Traditionally, pharmacists were medication experts who dispensed drugs and did not interact much with patients. Things have changed, and now pharmacists wear a lot more hats. Through the Learning and Living Curriculum, our students are gaining essential qualities that will help them navigate the ever-changing pharmacy landscape.

Today’s pharmacists are the most accessible health care professional. They commonly work in community, hospital and clinical settings as vital team members, monitoring their patients’ medication use. Their goal is their patients’ health and drug safety, and helping to lower costs.

When developing a vision of a new Doctor of Pharmacy (PharmD) curriculum, faculty members in the college thought about the changing nature of the field and determined which skills, abilities and attitudes the curriculum should foster.

For example, modern-day pharmacists and their patients are constantly barraged with a quickly growing overload of medical knowledge and information. “With more and more patients picking up questionable medical advice online, it’s important that pharmacists can sift good information and advice out of the bad,” said Vern Duba, clinical assistant professor and instructional services specialist in the college.

“The web and blogs, there’s so much information that’s available directly to the patient. So it becomes the pharmacist’s job to become that evaluator of the information that they’re finding. To discern, is it valuable? They have become educators for their patients,” Duba said.

The initial spark that led to the Learning and Living Curriculum — which kicked off this fall with first-year College of Pharmacy students — happened in 2009. That’s when Dean and Professor Donald Letendre, PharmD, appointed a Curriculum Transformation Committee of faculty members to think outside the box and create a new, avant-garde, learning program. Over time, other forces accelerated the drive towards change.

“Our PharmD learning program had morphed over the years to keep us amongst the best colleges of pharmacy in the country, but we wanted to get even better,” Milavetz said. “Our accrediting body adopted new standards for professional programs. In addition, we had been slowly trying various aspects of active learning in our program and our students had been generally pleased with their improved knowledge and skills. We thought this fall was the best time to fully implement the change in pedagogy.”

The transformation committee dubbed themselves “transformers,” and were led initially by former faculty member Karen Farris, PhD, and then Milavetz. Their first task was to determine what PharmD graduates would start their pharmacy careers knowing. Members then deliberated ideas, discussed novel educational concepts, and designed a modern PharmD curriculum. Its visionary report, “Creating a Patient-Centered, Student-Focused Learning Program,” was completed in February of 2014.

By August of 2014, a separate ad hoc Implementation Committee formed and created a blueprint for implementing the best parts of the transformation group’s vision. The implementation group included some of the same faculty members, including the college’s two associate deans at the time.

The faculty approved the implementation plan, and in January of 2015, the Curriculum Committee — a standing committee of the college led by Michelle Fravel, PharmD, clinical assistant professor — began working to bring the blueprint to life. Largely, this has meant approving courses under the Learning and Living Curriculum.

“The Curriculum Committee has made a very big, powerful and positive impact on the courses as they’ve been presented to them; it’s just not a rubber stamp,” said Michael Kelly, PharmD, associate dean for professional education.

“All of our faculty have just been great,” Kelly added. “They’ve all been enthusiastically engaged and embraced the whole idea of a new curriculum and a new delivery system. And they’ve done a tremendous amount of work in a very short amount of time. We’re grateful to all the dedicated committee members who have changed the curriculum in significant ways to better reflect contemporary pharmacy practice.”

The Learning and Living Curriculum refreshed a Doctor of Pharmacy curriculum that had been established in 1993 and revised in 2001.

CURRICULUM TRANSFORMATION COMMITTEE
Gary Milavetz, PharmD, Chair
Matthew Cantrell, ’05 PharmD
Vern Duba, MA
Robert Kerns, ‘96 PhD
Lee Kirsch, PhD
Jeffrey Reist, ’82 BSPh, PharmD
Julie Urmie, PhD
Susan Vos, PharmD

IMPLEMENTATION GROUP
Hazel Seaba, ’71 MS, Chair
Michael Kelly, ’73 BSPh, ’88 PharmD, ’89 MS
Robert Kerns, ’96 PhD
Gary Milavetz, PharmD
Carrie Morris, ’14 PhD
Jeffrey C. Reist, ’82 BSPh, PharmD
Susan Vos, PharmD
Curriculum Committee

Faculty Members
Michelle Fravel, '06 PharmD, Chair
Elizabeth Beltz, PharmD
Michael Ernst, '97 PharmD
Brett Heintz, PharmD
Lee E. Kirsch, PhD
Gary Milavetz, PharmD
Daryl “DJ” Murry, '87 BSPh, '91 PharmD
John Swegle, '96 PharmD
Stevie Veach, '06 PharmD

Ex Officio Members
Hazel Seaba, '71 MS
Maureen Donovan, PhD
Xiaomei Gu, MS
Michael Kelly, '73 BSPh, '88 PharmD, '89 MS
Mary Ray, PharmD
Susan Vos, PharmD

Students
Rebecca Anderson
Chase Fifield
Jonathan Lochner
Jacob Meyer
Joanna Rusch

Liaison
Lisa DuBrava
Yanchick Recognized for Lifetime Achievement

Victor Yanchick received the 2015 Osterhaus Medal for Lifetime Achievement – the sixth ever given – in an October symposium. It is the pinnacle award given by the UI College of Pharmacy, recognizing individuals who have made extraordinary achievements in the pharmacy profession.

Yanchick is an accomplished educator and administrator who has led the pharmacy profession and pharmacy schools as education and practice has transformed over the years.

He completed two pharmacy degrees – a BSPh in 1962 and an MS in 1966 – from the University of Iowa, along with an ASHP-accredited residency in hospital pharmacy administration. He also holds a PhD in Pharmacy from Purdue University. Yanchick has been an upper-level administrator of pharmacy colleges, as well as an educator, pharmacist, scientist, and mentor.

Before retiring in 2014, Yanchick had served as Dean and Professor of the School of Pharmacy at Virginia Commonwealth University for 18 years. Prior to that, Yanchick served for 11 years as Dean and Professor at the University of Oklahoma Health Sciences Center College of Pharmacy. He is currently the Senior Director for the Center for Interprofessional Education and Collaborative Care, a center that he initially proposed.

“If you think big and you do the right thing with your network, I guarantee people will come to you with opportunities that you can only dream about.”

VICTOR YANCHICK, BSPh, MS
Yanchick was heavily involved with the American Association of Colleges of Pharmacy, where he served as Chair of the Council of Deans in 2004-2005 and 2007, and as President in 2008-2009.

Yanchick said his career path was full of surprises. Originally, he never thought he would choose pharmacy, much less be a dean at major pharmacy schools. Many of his career choices seemed risky at the time but were serendipitous.

“I truly have been at the right place at the right time with the right people,” Yanchick said during the symposium. He followed the advice of his mentors that seemed right at the time (“You need to be a faculty member”), but ignored the rest (“There is no future in clinical pharmacy”). He often veered off his own personal roadmap in life to take better options he had not foreseen, and has been delighted by the impacts he has been able to make and the changes he has seen.

“Where pharmacy practice and education will be in the future is anybody’s guess,” said Yanchick, but as Alexander the Great did, “truly great armies always march off the map.”

Yanchick has been a pioneer in helping drive clinical roles for pharmacists and interprofessional education. His long list of leadership positions includes being a current member of the college’s Executive Leadership Board.

Dean Donald Letendre called Yanchick “a dean’s dean,” adding that he has received wise advice from him during much of his professional career.

Yanchick’s advice for current students? Be leaders, and establish and nurture your personal network of transformative people, before and after graduating.

“If you think big and you do the right thing with your network, I guarantee people will come to you with opportunities that you can only dream about,” Yanchick added.

The Osterhaus Medal honors those who have advanced the pharmacy profession in profound ways, or made substantial strides in drug development or drug discovery. The award’s namesake, Robert Osterhaus, ’52 BSPh, is the former owner of the forward-thinking Osterhaus Pharmacy in Maquoketa, Iowa.

Above: Victor Yanchick speaks with his wife, Donna, and James Ray after his symposium.
During the 2015 University of Iowa Homecoming celebration, College of Pharmacy alumni and friends gathered to celebrate the accomplishments of their peers during the annual Alumni Recognition Dinner.

The honored individuals have made substantial strides in their careers, contributed at a high level to their profession and to community service, and are outstanding ambassadors for the college.

This year’s celebration honored Distinguished Alumni, Honorary Alumni, and Genesis Award recipients, and included a Special Dean’s Recognition.
TERRENCE DAHL, ’83 PhD
Terry Dahl is Vice President, Commercial Manufacturing and Packaging/Labeling, at Gilead Sciences. He leads a team in Foster City, Calif. that is responsible for overseeing the contract manufacturing activities throughout Europe, North America, and Australia. In addition, he has responsibility for an aseptic manufacturing site and solid oral dosage form packaging site in San Dimas, Calif. and a manufacturing and packaging/labeling site in Cork, Ireland. Dahl previously was Senior Director in Pharmaceutical Development and Manufacturing with responsibilities including overseeing formulation and process development, scale-up, clinical packaging/labeling, and managing the pilot plant.

Dahl joined Gilead Sciences in 1995 as a Senior Scientist and has been involved in the development of a number of Gilead’s marketed products. He previously was at Syntex Laboratories (Palo Alto, Ca.) in the formulation and process development area from 1983 to 1995. Dahl is the author of more than ten scientific publications and is also the holder of several patents. He is a member of the American Association of Pharmaceutical Scientists (AAPS).

Dahl received his BS degree in Pharmacy from North Dakota State University in 1977 and holds a PhD in Physical Pharmacy from the University of Iowa. He holds pharmacy licenses in California, Iowa, Montana, and North Dakota.

Dahl and his wife, Donna, reside in Sunnyvale, Calif.

MIEKELEEN HART, ’79 BSPh
Miekeleen Koerth Hart is the founder and CEO of MDK Consulting LLC, which provides strategy development and implementation consulting services to health care companies considering or executing new commercial models. Her areas of expertise include strategy development, sales and marketing integration, sales management, and executive coaching. Prior to founding MDK Consulting LLC, Hart worked in the pharmaceutical industry for 26 years with Eli Lilly and Company and Merck and Company Inc.

Hart serves as Vice Chair on the Board of Directors for AlphaNet, Inc., a non-profit organization devoted to improving the lives of individuals with Alpha-1 antitrypsin deficiency through comprehensive disease management services, clinical research administration, and consultative services. Hart served as vice chairman of the Indianapolis SCORE chapter, Business Consultant for Small Business, which offers pro bono counseling for small businesses and advises business plan creation, marketing and selling strategy development, and assessment. She was also a past member of the Corporate Executive Board, Sales Executive Council, and an original member of a cross industry advisory group. She joined the UI Foundation Board of Directors last fall.

Hart received her Bachelor of Science in Pharmacy from the University of Iowa in 1979. Her executive education includes time spent at the Babson College Consortium for Executive Development, the Wharton School of the University of Pennsylvania, and Northwestern University Kellogg Graduate School of Management.

Hart and her husband, Jim, live in Akron, Ohio.
GEORGE HILLER, ’80 BBA, ’82 MBA
George Hiller has a 34-year record of success in delivering measurable and sustainable results at an executive level in the areas of strategic selling, marketing, and management. He is currently president and CEO of Hiller & Associates, a ten-year-old company providing consulting on national beverage agreements and negotiations to the restaurant, hospitality, and convenience industries. His company has become the largest domestic beverage consulting company, with client negotiated contracts in excess of $2 billion. Prior to that, Hiller had over 15 years of experience as a banded executive with one of the foremost consumer products companies (PepsiCo). Before PepsiCo, he was vice president of sales and marketing for the fifth largest fluid ink (packaging) company in the world as well as director of sales for the second largest domestic spice company. Hiller started his professional career in a fast track management program with Procter and Gamble, recognized by many as the premier consumer products company for sales and marketing training.

Hiller holds a Bachelor of Business Administration degree with an emphasis in Marketing and a Master of Business Administration degree with an emphasis in Management from the University of Iowa. In addition, he has been an adjunct professor at the University of Iowa (Marketing), the University of Cincinnati (Salesmanship), and Normandale Junior College (Marketing) in Minneapolis. Hiller has also been a guest speaker for the last ten years to marketing classes and the American Marketing Association at the University of Iowa and Drake University.

JOHN FORBES, BSPh
John Forbes owns and operates the Medicap Pharmacy in Urbandale, Iowa, where he has been in business for 35 years. He has also served as president of the Iowa Pharmacy Association and the Polk County Pharmacists Association.

Forbes is a member of the Urbandale Chamber of Commerce and served as its President. He was elected to the Urbandale City Council in 2005, and served as Mayor Pro Tem during his tenure. He is the President of the Urbandale Library Foundation Board. Forbes finished his service on the City Council when he was elected in 2012 and re-elected in 2014 to represent Urbandale in the Iowa House of Representatives.

He was named by a leading pharmacy journal as one of the Top 100 Most Influential Pharmacists in the Nation. In 2010 he received the Bowl of Hygeia Award for community service given by the Iowa Pharmacy Association. He is a 2014 Drake University Weaver Medal of Honor Recipient for achievement in the profession of pharmacy.

Forbes also helps organize the Central Iowa Honor Flight program which flies veterans to Washington, D.C. for a one day trip to view historical sites. He was the winner of the Heroes of the Heartland Award from the American Red Cross.

Forbes was born and raised in Eagle Grove, Iowa and now resides in Urbandale with his wife Cindy. They have raised two children, Adam and Meredith.
MICHAEL BROWNLEE, ’01 PharmD, MS
Michael Brownlee is an Associate Dean for Clinical Education and Clinical Associate Professor at the University of Iowa College of Pharmacy. He is also the Chief Pharmacy Officer and an Associate Hospital Director at the University of Iowa Hospitals and Clinics (UIHC).

As a hospital administrator at UIHC, Brownlee is responsible for all pharmacy enterprise operations and serves as an executive leader of a number of organizational strategic initiatives. He is an active leader in a number of local and national pharmacy organizations. In acknowledgement of his professional activities, Brownlee was recently named Fellow of the American Society of Health-System Pharmacists.

In his academic role, he lectures, precepts students and residents, serves on a number of college committees, and is Director of the Health-System Pharmacy Administrative two-year Residency combined with a Master of Public Health (MPH), Master of Health Administration (MHA), or Masters in Health Informatics from the University of Iowa.

Prior to returning to Iowa, he served as Director of the Department of Pharmacy Services at Oregon Health and Science University in Portland, Oregon, where he also was Associate Dean for Clinical Education at the Oregon State College of Pharmacy.

Brownlee, his wife, Diane, and their two boys, live in Iowa City.

JOAN STOVER
For over 30 years, Joan Stover has served as the Iowa Pharmacy Association’s (IPA) conference and meeting planner. In that capacity, she has planned and facilitated a wide variety of events that help to strengthen the pharmacy family within Iowa. She has coordinated the Annual IPA College Nights to expose student pharmacists to professional issues and highlight areas for professional involvement in association activities. She has planned “Iowa Receptions” at APhA and ASHP national meetings, providing expanded opportunities for the college to engage in alumni outreach.

Furthermore, she has facilitated college engagement in IPA meetings, conferences, and events including the Annual Meeting, Educational Expo, and IPA Foundation Scholarship Golf Outings. Stover planned and coordinated the Bill Burke Leadership Conference for student pharmacists. Over the years, more than 300 students have benefited from this professional development experience.

Stover’s dedication and service to the profession and her support of the college and pharmacy education is very much appreciated.
1: Dean Don Letendre visits with Gary, ’75 BSPH, and Diane Albers at the Alumni Family Reception.


3: Class of 1990 alumni, Kathy Snella, Stacie Maass, Val Jensen, and Julie Cunningham celebrate their 25th reunion at the Alumni Tailgate.

4: John, ’65 BSPH, and Jane Yoder show their Hawkeye spirit in the photo booth at the Alumni Family Reception.

5: The Hawkeye Marching Band made an appearance at the Alumni Family Reception.
Planned Giving

By making a generous planned gift for the University of Iowa College of Pharmacy, you can establish a meaningful, philanthropic legacy while also achieving your personal financial goals.

Some of your gift-planning options include:

- **Gift or pledge of cash or appreciated securities:** Gifts of cash or appreciated stock/mutual fund shares ensure maximum benefit to the college and maximum immediate income tax deduction based on current fair market value.

- **Charitable bequest:** These revocable gifts enable you to retain total control of your assets during your lifetime. If your family’s financial situation changes, you can make changes to your bequest. Bequests may help reduce your estate tax liabilities where applicable.

- **Designation as beneficiary of an IRA, retirement plan, or annuity:** You retain control throughout your lifetime over these assets, and these assets will escape income tax when paid to a qualified charity.

- **Life income gift:** You contribute assets to the charity while retaining the right to receive an income for yourself or for someone else. The two main types of life income gifts are charitable remainder trusts and charitable gift annuities.

- **Gift of real estate:** The University of Iowa Foundation will consider marketability and potential environmental liability in evaluating gifts of real estate such as home, vacation property, or farmland. All gifts of real estate are subject to approval and must be accompanied by a qualified appraisal.

- **Gift of life insurance:** If you have a life insurance policy that you no longer need, naming the UI Foundation as the beneficiary may be an easy way to make a charitable gift.

- **Creative combinations:** You can combine any of the above options in creative ways to meet your unique personal goals and your charitable intentions for the UI College of Pharmacy.

To learn more about how gifts of appreciated stock can benefit the college, contact Mundi McCarty, director of development for the UI College of Pharmacy, or go to [www.uifoundation.org/pharmacy](http://www.uifoundation.org/pharmacy).

Gift Announcements

William Winckler and Shirley Albrecht Winckler, both ’54 BPh, recently provided a gift to the College of Pharmacy, designated to the Albrecht/Winckler Scholarship, an account established by the donors in 2013. The Wincklers have been very generous donors to the university for over 50 years. Their daughter, Susan Winckler (’92 BPh), is an emeritus member of the college’s Executive Leadership Board.

A recent gift was received from Walgreen Co. This gift has been designated for the College of Pharmacy Building Fund, and will name the Walgreens Pharmacy Skills Suite in the Pharmacy Practice Lab. Walgreen Co. has been a generous and loyal contributor to the College of Pharmacy for 45 years.

A recent pledge from John W. and Jean M. Eisenbart has been designated for the College of Pharmacy Building Fund. John is a graduate of the University of Iowa, ’84 BBA, and his mother was a graduate of the College of Pharmacy, Carolyn (Carbee) Eisenbart, ’42 BPh. The gift has been made in her memory.

Patrick E., ’69 BPh, and Susan K. Keefe recently designated a gift for the new College of Pharmacy Building Fund, making it their second gift to the fund. Patrick is a current member of the college’s Executive Leadership Board. The Keefes have been generous donors to the College of Pharmacy for over 15 years. They previously established the Patrick E. Keefe Professorship in 2007, as well as the Patrick and Susan Keefe Service-Learning Scholarship, which supports students who participate in pharmacy-related service-learning opportunities in underserved populations or relating to global health.

Larry, ’72 BPh, and Janet Lee recently pledged a gift to establish the Lee Family Pharmacy Scholarship fund. Their daughters Kathryn, ’12 PharmD, and Shelby, ’05 PharmD, are also graduates of the UI College of Pharmacy. The Lees have been generous donors for approximately forty years, and Larry is also a member of the Iowa Building Development Committee in the College of Pharmacy.

The estate of Glenn Knoot, ’67 BPh, has made a gift to the College of Pharmacy. Knoot passed away on Oct. 10, 2015. These funds are designated for College of Pharmacy Financial Aid fund.
Kerns Named Lach Chair

Robert Kerns, ’96 PhD, has been named the John L. and Carol E. Lach Chair in Drug Delivery Technology.

It is the first funded Department Chair in the college’s history.

Kerns is a professor in the Medicinal and Natural Products Chemistry (MNPC) Division, which is part of the Pharmaceutical Sciences and Experimental Therapeutics (PSET) Department. PSET is a young department, and Kerns was named its first permanent Chair in early 2015.

When Dean Donald Letendre began at the college in 2007, he replaced Jordan Cohen, who had set in motion a change from a college of divisions to one of departments. Dean Letendre completed that vision when he created the new PSET department.

“By departmentalizing, we brought together all of our scientists working on drug development, design and discovery,” said Letendre at a fall investiture ceremony. “That new culture will help us internally and also with building collaboration across campuses around the country and the world.”

The late John Lach was a distinguished, long time faculty member in the college who established what used to be called the Division of Pharmaceutical Service. “As a result of the work John Lach and his team did in Pharm Services, and his vision of that program, we were able to earn money that has been put to good use in establishing the Lach chair,” Letendre added. “In so doing, we have been able to memorialize John and his wife Carol and the work they’ve done to help elevate the world of physical pharmacy.”

John Lach came to the college as a new group of doctoral students who had studied under the founder of the discipline of physical pharmacy — the physical and chemical characteristics of drugs — at the University of Wisconsin.

As Kerns accepted the honor bestowed upon him, he praised the current graduate students in the department, thanking them for their hard work. “Graduate students make up almost every research group in our department and its divisions have that in common,” said Kerns. “They are the heart and core and soul of our department.”

Kerns said that since he became PSET chair in early 2015, he has earned a great deal about the Division of Pharmaceutics and Translational Therapeutics (PTT) that joined together under the new department’s umbrella with his native division of MNPC.

“I’ve learned a lot about the division of pharmaceutics and what drives it,” Kerns said. “What drives this unit and myself is a quest for educational and scientific excellence. Members of our department collaborate with dozens of researchers in every college on this campus, all toward advancing the pharmaceutical sciences.”

Kerns received a PhD from the MNPC division in 1996. He returned in 2002, after being a postdoctoral fellow at Princeton University, and a faculty member at Wayne State University in Detroit.

“In departmentalizing, you want to find an individual who has the right mindset, who has the scientific credentials, who has the ability to pull together diverse groups of individuals and set them on new paths of discovery and new thoughts about where this college wants to go relative to science in the days ahead,” Letendre said. “It did not take me long to think about Rob Kerns.”
The College of Pharmacy’s fourth professorship in five years, the James A. Otterbeck OnePoint Patient Care Professorship in Hospice and Palliative Care, has been bestowed on James B. Ray, PharmD, CPE.

Hospice care supports dying people in the last stages of their lives, and palliative care refers to supporting people with serious illnesses that may or may not be terminal. In both cases, coordinated team-based care focuses on providing people with comfort and quality of life, rather than a cure. A patient’s health team treats his or her pain and other symptoms, including psychological and spiritual distress.

The issue of health providers’ roles at the end of their patients’ lives has been in the news more often in recent years, as the debate over whether physician-assisted suicide should be allowed for terminally ill patients has heated up.

James Otterbeck, ’83 BBA, primarily of Naples, Fla., gifted $1.5 million through his business, OnePoint Patient Care, LLC, to establish the professorship in the college. James Ray, PharmD, CPE, was appointed to fill the position. He is a nationally-recognized leader in the area.

This gift will help the UI College of Pharmacy take the lead in preparing health-care professionals to provide holistic end-of-life care.

“Even more important than [James Otterbeck’s] monetary gift is his vision that all healthcare professionals, especially pharmacists, must be engaged in this important work – to relieve the suffering of our fellow man and to walk with them until the end,” said Ray.

Otterbeck noted that there is an acute shortage of clinically-trained pharmacists who specialize in end of life care. He hopes the position – the nation’s first teaching position with hospice and palliative care pharmacy as a primary focus – will foster integration among all the UI health sciences and advance the field.

Dean Donald Letendre added, “Ten years from now, we are going to have the preeminent hospice and palliative care program in the United States of America housed in the College of Pharmacy.”

Ray is a Clinical Associate Professor in the Department of Pharmacy Practice and Science. He also serves as the clinical pharmacist for the Adult Palliative Care Service at the University of Iowa Hospitals and Clinics (UIHC).

“We will all die,” he told the investiture audience. “Many of us have thought about our mortality – what we would wish for our loved ones in the waning months and days of our lives. Unfortunately, most of us will not have those wishes realized and worse yet, will suffer in ways that we would not wish for anyone.”

“Expert symptom relief requires the optimal use of pharmacotherapy and as the medication experts, pharmacists must be partnered with our other healthcare colleagues in this work,” Ray added.

A UI-based center remains a vision to work toward, but concrete steps are being taken now.

Ray expressed gratitude to the shared vision of Letendre and Otterbeck, which has ensured that in the near future, every Doctor of Pharmacy (PharmD) graduate of the college will leave as a generalist in palliative care. Future PharmD students who wish to specialize will also be able to complete a certificate program in palliative care. Beginning in July 2017, a new PGY2 pharmacy residency in Pain and Palliative Care will begin operating at UIHC, pending ASHP certification.

The field of hospice and palliative care is meeting a growing national need. According to the Federal Interagency Forum on Aging-Related Statistics, the number of older people in the United States will increase dramatically by 2030, to twice what it was in 2000. It will represent nearly 20 percent of the total U.S. population.

“It’s important that we make investments in our students and do our part,” Ray said. “We should strive to fulfill the mission of the late physician Dame Cicely Saunders, foundress of the modern day hospice movement, who said, ‘We will do all we can, not only to help you die peacefully, but also to live until you die.’”
College of Pharmacy Recognizes Excellence in Teaching, Preceptors

**2015 COLLEGE OF PHARMACY AWARD FOR TEACHING EXCELLENCE**

JEFFREY REIST

Jeffrey C. Reist, ’82 BSPh, PharmD, BCPS, is a clinical associate professor and director of the Pharmacy Practice Laboratory at the University of Iowa College of Pharmacy. He also serves as a preceptor to student pharmacists in the Geriatric Assessment Clinic at University of Iowa Hospitals and Clinics (UIHC) where he works as a clinical pharmacist. He received his Bachelor of Science in Pharmacy from the University of Iowa College of Pharmacy and his PharmD from the University of Florida College of Pharmacy.

Reist coordinates and teaches a variety of courses in didactic, laboratory and experiential teaching settings where he has demonstrated a commitment to active learning and the evaluation of teaching methods. He was an active member of the curricular transformation committee which developed the framework for a new and innovative pharmacy curriculum at the University of Iowa College of Pharmacy.

He has been the recipient of numerous teaching awards and has numerous presentations and publications highlighting innovative teaching methods. He serves as the Editor-in-Chief and contributing author of the APhA Active Learning Exercises which is an online collection of over 250 active learning exercises developed by faculty at the University of Iowa College of Pharmacy.

The College of Pharmacy Award for Teaching Excellence is a peer-reviewed nomination process for recognizing outstanding faculty. Clinical-track faculty, tenure-track faculty, lecturers, visiting faculty and adjunct faculty are eligible for consideration through self-nomination or nomination by peers.

The College of Pharmacy Academic Performance/Awards and Recognition Committee follows the UI President & Provost Award for Teaching Excellence model for content of candidate support materials. This ensures sufficient information to select awardees and to employ uniform, university-wide standards in choosing recipients.

In addition to the 2014-2015 College of Pharmacy Award for Teaching Excellence, the P1, P2, and P3 Teachers of the Year are student-focused awards recognizing outstanding faculty through a yearly balloting process.

**CLASS OF 2018 TEACHER OF THE YEAR**

LLOYD MATHESON

Lloyd E. Matheson joined the College of Pharmacy as a faculty member in the Division of Pharmaceutics in 1975. In 1993, he became the Associate Dean of Academic Affairs and his primary focus was the Doctor of Pharmacy program. Matheson served in this capacity until his retirement in 2004, yet he continued to teach Doctor of Pharmacy students in both Pharmaceutics and the Pharmacy Practice Laboratory. A native of Wisconsin, Matheson attended the University of Wisconsin at Madison, receiving his BS in 1964 and his PhD in 1970.

During his faculty career, Matheson taught nearly every pharmaceutics course in the professional program as well as several graduate courses. He deeply valued the need to provide excellent programs in both areas.

**CLASS OF 2017 TEACHER OF THE YEAR**

MICHELLE FRAVEL

Michelle Fravel is a Clinical Assistant Professor at the University of Iowa College of Pharmacy with primary teaching roles in therapeutics and the pharmacy practice lab series. She received
BRETT HEINTZ

Brett Heintz received his Bachelor of Science in cell and molecular biology at San Diego State University in 2001 and his Doctor of Pharmacy from the University of California, San Francisco in 2005. He completed his residencies in pharmacy practice and infectious diseases at the University of California, Davis Medical Center in Sacramento. He also is a board certified pharmacotherapy specialist with added qualifications in infectious diseases and American Academy of HIV expert certified.

Heintz, a Pharmacy Specialist in Internal Medicine and Infectious Diseases, joined the Iowa City VA Health Care System in September 2012. He also holds a position as Clinical Associate Professor at the UI College of Pharmacy and precepts pharmacy students, delivers didactic lectures and coordinates a pharmacotherapy course. Prior to joining the Iowa City VA and the University of Iowa, he served as an Assistant Professor of Clinical Pharmacy at University of California San Francisco School of Pharmacy with a clinical practice in Infectious Diseases and Internal Medicine at UC Davis Medical Center.

CLASS OF 2016 TEACHER OF THE YEAR

The following preceptors were recognized for excellence in the 2014-2015 academic year.

APPE PRECEPTOR
Christina Neve, Target Pharmacy, Coralville, Iowa

Nic Mastascusa, Hot Shots Nuclear Medicine, Cedar Rapids, Iowa

FACULTY PRECEPTOR
Erika Ernst, UIHC Infectious Diseases, Iowa City, Iowa

Her PharmD from the UI College of Pharmacy in 2006 and completed a two-year Specialized Ambulatory Care Residency at the University of Iowa Hospitals and Clinics in 2008. She is also a clinical pharmacist in the Internal Medicine Renal/Hypertension Clinic and the Anticoagulation Case Management Service at the University of Iowa Hospitals and Clinics. She serves as a preceptor to fourth-year pharmacy students and pharmacy residents in both of these clinical settings.
Brogden’s Lab: Solving Skin Puzzles to Benefit Older Adults

“It is very hard to obtain venous access for IV drug delivery in geriatric patients, yet these patients also struggle with swallowing pills and other common oral dosage forms. They also tend to have a variety of different medications to manage at the same time, but often struggle to remember to take them. With transdermal delivery, we could avoid many of these issues.”

NICOLE BROGDEN, PHARM.D, PH.D
To most of us, skin is a fairly basic cover for our bodies. But one University of Iowa College of Pharmacy faculty member sees something more complicated: Bricks and mortar, and a constant challenge.

Nicole Brogden, PharmD, PhD, is an assistant professor in the college’s Division of Pharmaceutics and Translational Therapeutics (PTT) within the Department of Pharmaceutical Sciences and Experimental Therapeutics (PSET). She primarily researches better ways to deliver medicine through older adults’ skin using very small needles, called microneedles.

If you looked under a microscope, you would see that the thin outermost layer of a person’s skin is made up of “bricks” of cells embedded in a “mortar” of intercellular fats (ie: lipids). That outer layer, the stratum corneum of the epidermis, is the body’s first layer of defense against bacteria and external injury. It also keeps out most medicines applied to the skin.

Using microneedles, Brogden works on developing new and better ways to get therapeutic drugs into the bloodstream through the “mortar” of lipids of the skin’s stratum corneum layer. The main tool she uses is a penny-sized applicator that has 50 extremely small needles attached to it. The “poke and patch” technique she uses involves applying the applicator to a patient’s arm — a painless procedure — and removing it again. Then a medicated gel or patch is placed over the 50 very tiny, nearly imperceptible pores left behind. The drug crosses into the bloodstream to do its work until the skin heals itself. Using this approach, almost any drug can be delivered through the skin.

Since skin absorbs drugs slowly, transdermal delivery is ideal for the long-term delivery of medicines. This is especially true now that Brogden, in collaboration with her mentor from graduate school, created a way to deliver a drug to a typical adult patient via microneedles for an unprecedented seven days. The trick is to use a “helper” drug to prevent skin inflammation. Previously, three days was the proven maximum time frame.

Only a limited number of types of transdermal patches are currently on the market. They are available for birth control, management of severe pain, and helping people overcome addictions to nicotine. Other types of patches — including those for alcohol and opioid addiction — are working their way to the market.

“These are often chronic therapies, so having a patient change a patch once every seven days is better than once every 48 hours,” said Brogden.

Since joining the college — her alma mater — as a faculty member in 2012, Brogden’s main goal has been to make drug therapies easier for older adults. Skin changes over a person’s lifetime. Brogden plans to develop new patch-based therapies for people 65 and over by first studying how older skin functions and how this affects medication delivery.

Indeed, older adults face a number of unique challenges. Microneedles used with patches can simplify drug treatment regimens and improve compliance.

“It is very hard to obtain venous access for IV drug delivery in geriatric patients, yet these patients also struggle with swallowing pills and other common oral dosage forms,” Brogden said. “They also tend to have a variety of different medications to manage at the same time, but often struggle to remember to take them. With transdermal delivery, we could avoid many of these issues.”

Scientists have known about microneedles since the ’70s, but it wasn’t until the last decade or two that the engineering techniques were available to design them for commercial use.

“This is an interesting area to be in because it’s the convergence of three big fields: Pharmaceutics, engineering, and biology,” Brogden said.

Since joining our college’s faculty, Brogden has forged the first-ever official collaboration between the college and the Carver College of Medicine’s Department of Dermatology.

Brogden — a Boone, Iowa, native — has also co-authored five manuscripts so far with her father, Kim Brogden, of the College of Dentistry. She is also a classically-trained pianist.

“My training as a musician helped me to develop a critical balance between rigid discipline, persistence, and creativity,” Brogden said. “This has proven to be a very helpful paradigm for my science career.”
This honor roll gratefully recognizes graduates, faculty, and friends who contributed $185 or more from July 1, 2014, through June 30, 2015, to the College of Pharmacy through the University of Iowa Foundation, the preferred channel for private support of all areas of the University.

THE COLLEGE OF PHARMACY 1847 SOCIETY

The following living alumni and friends have informed the UI Foundation of their intent to provide a deferred gift, of any size, to benefit the College of Pharmacy (and approved this public listing in the honor roll of contributors). Members of the College of Pharmacy 1847 Society as of September 17, 2015, include:

Anonymous Members (39)
Dorothy M. Bennett
Dennis C. and Beverly S. Boussetol
Edi Casabar
Floyd R. and Judith E. Domer
Donald M. and Sue A. Dunshee
David A. and Jane D. Grout
Linda E. Gustavson
Clifford W. Hart
Janet S. Hinderliter
Elizabeth E. and Michael D. Jansen
Marilyn S. Kwolek
David L. and Marilyn J. Maher
Edward L. Maier
Richard D. and Crystal E. Michael
Frances E. Mikkelsen
Arthur A. Nelson, Jr., and Sherida G. Nelson
Robert E. and Dorothy F. Ohrlund
George N. and Janice M. Paradissis
Mary L. Parsons
Lyneta Grap and Ronald A. Piela
Hal Schimmelpfennig
Douglas W. and Rhea L. Talley
Kenneth C. and Karen K. Wichman
Victor A. Yanick

1885 SOCIETY BOERNER FOUNDERS LEVEL ($1,885 AND ABOVE)

Paul W. and Jan Abramowitz
Gary R. and Diane M. Albers
Stephen R. and Deborah Donovan Baird
Beth Ann Bird
CVS Health
Dwayne A. and Karin R. Campbell
Lynne A. Cannon
Todd M. and Jody G. Christiansen
Melissa Murer and John F. Corrigan
Floyd R. and Judith E. Domer
Dennis M. and Jill Marie Erb
Richard P. and Sonia M. Gates
Dale E. Greenwood and Nancy Jezyk
Robert J. and Cheryl L. Greenwood
Linda Boyd and Jay Griffey
Miekeleen and Jim Hart
Kerry (Gus) and Beth A. Hartauer
Richard J. and Brenda K. Hartig
John C. and Karen L. Heffernan
George C. and Jayne E. Hiller
Janet S. Hinderliter
Thomas C. L. and Hedy M. Ho
Jayne E. and Hans U. Hufschmid
Hy-Vee, Inc.
Iowa Pharmacy Foundation
T.J. Johnsrud
Patrick E. and Susan Kay Keefe
Amol S. and Vaishali A. Ketkar
Dennis D. and Mary Lee Killion
Ann M. and Timothy J. Killion
Donald E. and Louise Letendre
Jane Mackey and Don M. Pinkerton
Edward L. and Marla Maier
Patricia J. McCutchan
Stephen C. and Janet A. Mullenix
NACDS Foundation
Judira Obrecht
OnePoint Patient Care
### 1885 SOCIETY COOPER LEGACY LEVEL ($1,000 THROUGH $1,884)

- Michael J. and Mary M. Akers
- Kenneth J. and Barbara S. Anderson
- Carolyn E. Beno
- Carol J. and Harvey E. Blomberg
- David E. and Norma J. Carlson
- Roderick R. Cavin
- Jeffrey A. and Kira R. Cleveland
- June C. Conine
- John F. and Margo Daniel
- Peter F. and DeElta E. Fay
- Lois A. Garland-Patterson
- Lisa M. Gersema
- Thomas M. and Darlene Gesell
- John D. Giglio and Susan L. Osterhaus
- Greenwood Drug Inc.
- Thomas J. and Stephanie A. Griffin
- Robert L. and Linda K. Grimm
- J. Keith Guillory
- Lucinda M. Harms
- Virginia R. Ireland
- Michael W. and Teresa J. Kelly
- John W. Kiburz
- Sharon M. Laughlin
- Shaoling Li and Chonghui Shen
- Marven L. Lightner and Kathleen Stewart-Lightner

### 1885 SOCIETY ZOPF LEADERSHIP LEVEL ($500 THROUGH $999)

- Linda L. Anderson-Ohrlund and Bruce L. Ohrlund
- Robert F. Anderson, Jr., and Karen S. Schultz
- James L. and Janette G. Axeen
- Gilbert S. and Gwen Banker
- Kyle M. and Sara Petersen Barnes
- Mike J. and Diane K. Brownlee
- Christine M. Catney
- James V. and Kathleen L. Cheslik
- Holly J. and Terry H. Connor
- Jay D. and Ann D. Currie
- Robert G. and Mary L. Dean
- Wayne A. De Jong and Elizabeth Erdos
- Maureen D. Donovan and Michael G. Wilson
- Rachel J. Elsey
- Kathleen M. Faber
- Douglas R. and Mary E. Flanagan
- Kenneth D. and Carol Wilken Gardner
- Linda E. Gustavson
- Karen M. and Gregory C. Harper
- John R. Hennagir
- Roy A. Hicks
- Samuel J. and Tessa M. Huff
- Michael D. and Elizabeth E. Jansen
- Melvyn S. and Gail C. Kawahara

Matthew C. and Marilyn Slee Osterhaus
Robert J. and Ann Duhigg Osterhaus
James A. Otterbeck
OutcomesMTM
Nagesh and Bharathy Palepu
Mary L. and George A. Parsons
Jatin M. and Kalpana J. Patel
Yihong Qiu and Yi Gao
Hal Schimmelpfennig
Charles H. Schwenke
James F. and Nancy J. Scott
Todd P. and Susan J. Semla
James G. Snyder
Douglas W. and Rhea L. Talley
Thomas R. and Cathy D. Temple
Jon D. and Sara Thompson
Thomas J. and Deborah K. Veale
Walgreen Co.
William E. and Shirley A. Winckler
Edward J. Yorty and Tammy Bower-Yorty

Christopher J. and Debra S. Killion
Barbara J. Floy and David E. Laidlaw
Derek Jickman and Lily Li
Jason M. and Susan E. Majernik
Steven J. Miller
Randy A. and Frances L. Mound
Jane T. Osterhaus and Raymond J. Townsend
Moo Kwang and Soon Pyo Park
Samantha Peterson
Pharmacists Mutual Insurance Company
John S. and Molly S. Placko
Steven R. and Nancy L. Roe
Ronald H. and Linda R. Schmits
Hazel Hilton Seaba
Michael and Lungiswa A. Simpson
Jamie S. Sinclair
Thomas A. Snyder
Marc D. and Valerie G. Squillante
David E. Stefl
Bob and Lois Steffman
Wei-Qin Tong and Lian-Feng Huang
Danielle M. Wentzlaff
Dale Eric and Pamela A. Wurster
Chase J. Zaputil and Jerri Massey
Mengping Zhou and Sidan Lin
Give Online
Supporting the College of Pharmacy is only a click away. Visit www.uifoundation.org/pharmacy/ to make a gift online.

For More Information
If you would like more information about supporting the College of Pharmacy, please contact Mundi McCarty, director of development, via e-mail at mundi-mccarty@uiowa.edu. You may also contact Mundi by mail or phone:

The University of Iowa Foundation
Levitt Center for University Advancement
P.O. Box 4550
Iowa City, Iowa 52244-4550
(319) 335-3305
toll-free (800) 648-6973

Your inquiry will be treated confidentially.

Corrections
The recognition extended to those listed in this honor roll is one small way to thank contributors. Every effort has been made to ensure that this honor roll is accurate. If your name has been omitted, misspelled, or misplaced, we apologize. Please contact the UI Foundation with any questions or corrections.

1885 Society
Apothecary
Guild Level
($185 Through $499)

Mary Gaul and Anthony A. Amato
Sammuel V. Anderegg
Michael T. and Melinda Watkins Andreski
Lucas J. and Kelly M. Bartlett
Christina M. G. Baumgart
Jordan F. and Lisa M. Baye
Amy J. Becker
Paige E. and Brett W. McArthur
Stephen M. and Teresa Shibley Berge
Jon F. Beyer
Gregory D. and Jessica Blough
Jenny L. Bongartz
Alyson R. Boyd
Nicole K. Brogden
Aarion M. Brown
Dale A. and Carol A. Buckwalter
Wayne M. Buehler
Richard B. Bush
Benjamin R. and Kristilee C. Cappaert
Barry L. and Susan K. Carter
Michael J. and Teresa L. Colgan
Sara N. Colling and Dennis Sweeney
Bernard J. and Cherie L. Cremers
Neal A. and Nancy J. Daley
Katelyn C. and Randy G. Deiber
Kristi L. and Mark T. Dimke
Ashley and Joe Dohrn
William and Jane C. Doucette
William M. and Sharon K. Drilling
Gary Alan and Grace Edwards
Julie A. and Robert N. Eggerman
Nathan W. Evers
Patricia A. and Robert E. Feidler
Mariah C. and Chad M. Fickbohm
Robert V. Formanek, Jr., and Janet E. Formanek
Brenda A. and Duane L. Foust
Michelle M. Fouts and Ann Reppun
Barry J. Francois
Shellie and Jon D. Fravel
Elizabeth L. Frazier
Ryan P. and Kate J. Frerichs
Harold W. and Penny A. Fruechte
Patricia Gates
Courtney S. and Matthew J. Gent
Andrew B. and Connie M. Glasnapp
Arlond W. and Rachel R. Goodell
Justin M. Graff
Stephen H. and Marilyn L. Graham
Jonathan P. and Colleen M. Greko
Ashley M. Haake
Thomas G. and Jeanette C. Hall
Thomas L. and Heather Halterman
1: College of Pharmacy faculty member and 2009 resident, Morgan Sayler, and P2 student, Kayla Hoogendoorn, help educate some young fairgoers about medication safety at the Iowa State Fair.

2: Rich Wenzel, '93 BSPh, stopped by the College of Pharmacy booth as RAGBRAI came through Coralville, Iowa.

3: Jim Miller, '71 BSPh, Al Shepley, '71 BSPh, Leman Olson, and Jim Scott, '70 BSPh, participated in the Eggelston-Granberg Golf Classic that was held at the Otter Creek Golf Course on Sept. 11, 2015.

4: The Iowa Pharmacy Association RAGBRAI team and College of Pharmacy alumni and friends gathered at the home of Adriane ('12 PharmD) and Michael Miller for a RAGBRAI Mix and Mingle.


6: Professional Mentor Jason Hansel, '00 PharmD, placed a white coat on student, Dien Tran.

7: College of Pharmacy faculty member and 2009 resident, Morgan Sayler, talked to a fairgoer.

8: Dean Don Letendre welcomed Bob Hughes, '43 BSPh, back to campus during Homecoming week.
Meet the Executive Leadership Board

The Executive Leadership Board, led by Dean Donald E. Letendre, was established in 2010 to advise the College of Pharmacy as it develops and works toward its strategic goals and visions. The members of the board meet periodically to discuss the college’s strategic plan, changes in the curriculum, trends in pharmacy practice, fundraising, and facilities.

Current and future members of the Executive Leadership Board met in October, and took part in several UI and collegiate Homecoming events. Members who are rotating off the board were also recognized.
Meet the
Genesis Board

The Genesis Board was formed in fall of 2014, spearheaded by the vision of Dean Donald E. Letendre. Its goal is to encourage student and alumni interactions, build new traditions, create opportunities for students, and assist with the diverse needs of students within the pharmacy community.

Farah Towfic

Farah Towfic, '11 PharmD, is a pharmacist at Osterhaus Pharmacy in Maquoketa, Iowa. She enjoys maximizing the use of technology to streamline pharmacy operations and improve patient care.

As a small child, Towfic's family moved from Baghdad, Iraq, to northern Cyprus and then Michigan. There, a pharmacist figured out that some health scares her father had experienced along the way were reactions to a drug he was taking. This inspired Towfic to become a pharmacist, herself.

After graduating from the college, Towfic completed an Executive Residency in Association Management and Leadership at the American Pharmacists Association (APhA) Foundation headquarters in Washington, D.C. What she saw first-hand at the association prompted Towfic to want to advocate for pharmacists and the profession.

Towfic accepted a position as Pharmacy Services Manager at Boscobel Pharmacy, a rural independent community pharmacy in Boscobel, Wisc. There, she led efforts to streamline workflow processes to drive patient care services, especially those designed to enhance patients’ adherence to their medication regimens.

She then joined Osterhaus Pharmacy, in part to be closer to her parents in Dubuque and her pharmacy roots. Towfic is enjoying harnessing her love for technology to care for patients. She works on transforming workflow processes for the pharmacy's ambulatory pharmacy and long-term care pharmacy, as well as developing its coordinated refill program. She uses her data analysis skills to better manage both stores’ inventories.

“My education at Iowa afforded me the opportunity to be creative and innovative in the way we deliver care to patients," Towfic said. “I am serving on the Genesis Board to give back to the college that has supported me in all my endeavors. I truly want to repay the many hours of mentorship, guidance, and advice I was provided that have helped me succeed.”
University of Iowa Pharmaceuticals (UIP) is pleased to report that its long standing client, Intercept Pharmaceuticals, Inc., announced that it has filed a New Drug Application for accelerated approval with the U.S. Food and Drug Administration (FDA) and acceptance of the Marketing Authorization Application (MAA) by the European Medicines Agency (EMA).

The application is for a product called obeticholic acid (OCA), which is intended for the treatment of primary biliary cirrhosis (PBC) in combination with ursodeoxycholic acid (UDCA) in adults with an inadequate response to UDCA or as monotherapy in adults unable to tolerate UDCA.

Intercept Pharmaceuticals, Inc. is a clinical stage biopharmaceutical company focused on the development and commercialization of novel therapeutics to treat chronic underserved liver diseases. They contracted with UIP to develop a preliminary formulation and analytical testing methods for this product when it entered the drug development process. As the product moved through the development process, manufacturing operations were moved to another facility due to scale limitations at UIP. Analytical testing has continued to be performed by UIP, and UIP is named as a qualified laboratory for testing of commercial product intended for the United States market.

This is the fifth commercial prescription product for which a UIP client has filed for regulatory approval with UIP named as a production and/or analytical testing site in the past six years.
Landon C. Larsh, ‘58 BSPh, passed away on June 24, 2015, in Alabaster Ala. Following his graduation from the UI College of Pharmacy, he started his career in Mt. Pleasant, Iowa, with Panther Rexall Drug. In 1979, he moved to Cedar Rapids to work for Norand Corporation before finishing his career with Condor Corporations (TexRX) as Vice President of Customer Services. He served as President of the Iowa Pharmaceutical Association from 1981-1982.

Mary McBride, ‘72 BSPh, passed away on Sept. 1, 2015. She was employed as a pharmacist with United Health Care/John Deere prior to retiring in 2014. She was a member of Quad City Pharmacist Association, Iowa Pharmacist Association, served as a delegate to the IPA Convention, past president of Junior Board of Rock Island, and was a board member on Junior Symphony, contributing recipes to the famed “Standing Ovations Cook Book,” as well as the “Ladies Home Journal.” She was a member of Flutes Unlimited, Questers antique study, Visiting Nurses Advisory Board and St. Patrick Society.

Glenn Dean Knoot, ‘67 BSPh, passed away on Oct. 10, 2015, in Bentonville, Ark. An Oskaloosa native, Knoot attended the University of Iowa College of Pharmacy. In 1972, he moved to northwest Arkansas. He worked as a pharmacist at Walmart for more than 25 years, and retired as the regional vice president of pharmacy with Walmart.

Harriett Jackson, wife of College of Pharmacy graduate Hal Jackson, ‘62 BSPh, and mother of Kathryn Sas, ‘85 BSPh, passed away on Dec. 13, 2015. Both Hal and Harriett have been strong supporters of the college in many ways. They reside in Winterset, Iowa.

Carol Lach passed away on Dec. 5, 2015 in Iowa City. She was the wife of the late John Lach, a longtime faculty member in the college. The Lach Chair in Drug Delivery Technology is named for John and Carol (more on p. 18). They raised four children and traveled extensively throughout the world. Carol Lach was also actively involved in several University and community clubs and organizations and was a devoted member of the First United Methodist Church.

Maurice Kehoe, ‘51 BSPh, passed away Dec. 2, 2015, in Harlan, Iowa. After serving in the U.S. Army Air Corps during World War II, he attended the UI College of Pharmacy. Upon graduation he moved to Waterloo, where he eventually shared ownership of two successful pharmacies, Falls Road Drug and Kimball Ave. Drug, until his retirement in 1989. Maurice was a longtime member of the United Methodist Church. He was a member of the American Legion Post 237 of Cedar Falls. He also belonged to the following fraternal and civic organizations: the Free Masons, the Elks, and also the Iowa Pharmacy Association.
Are you an alum who recently had a baby? Make the College of Pharmacy a family tradition!

Tell us the news of your family’s addition — send your information to pharmacy-alumni@uiowa.edu — and we’ll send you a free Future Iowa Pharmacists onesie to welcome your new bundle of joy!
Katie Gaspar, ‘13 PharmD, recently joined the college as a Clinical Assistant Professor in Pharmacy Practice and Science, and a Clinical Specialist at University of Iowa Hospitals and Clinics (UIHC). Gaspar completed a PGY1 Pharmacy Practice Residency and a PGY2 Oncology Pharmacy Residency at the University of Wisconsin Hospital and Clinics in Madison, Wis. She will provide patient care and be responsible for the clinical and didactic teaching of student pharmacists in addition to her involvement with other healthcare trainees at UIHC.

Ramprakash (Ram) Govindarajan has been appointed as a faculty member with the Division of Pharmaceutics and Translational Therapeutics and Director of Preformulation for University of Iowa Pharmaceuticals (UIP). Govindarajan worked in drug product development at GlaxoSmithKline and has worked in formulation, preformulation, and process development groups over the last nine years. Prior to joining GlaxoSmithKline, he worked as a research associate in the Department of Pharmaceutics at the University of Minnesota. Govindarajan’s educational background is in pharmaceutical sciences with a PhD in Pharmaceutics.

The University of Iowa College of Pharmacy is pleased to announce its first University of Iowa Pharmaceuticals (UIP) Research Assistant, Aditya Singaraju. He is a graduate student in the Division of Pharmaceutics and Translational Therapeutics and part-time employee with UIP. He is rotating through each of the service unit’s departments, and mentored by both his major professor in PTT as well as the director of UIP, UIP scientists, and staff.

The program was established with the intent to select a new UIP research assistant every year, following the graduate student’s first year in the PTT program at the UI College of Pharmacy.
Jeanine Abrons, clinical assistant professor in the Department of Pharmacy Practice and Science and her team are developing a health screening app that would help healthcare providers make decisions about their patients. The initiative was recently accepted to the Faculty Innovators Program. This technology would save patients from risk and costs associated with unnecessary screening, allow less experienced healthcare providers to accurately screen patients, and also serve as an educational tool, explaining to healthcare students the purpose behind the question they are asking. A copyright is in the process of being filed by the University of Iowa Research Foundation.

Maureen Donovan, associate dean for Undergraduate Education, received a one-year award from Clipse Therapeutics, LLC to evaluate drug candidates and formulations for use with their patented oral delivery device. Clipse Therapeutics is a start-up company located at the University of Iowa Research Park.

Dale Wurster, professor in the Department of Pharmaceutical Sciences and Experimental Therapeutics, has been appointed as a committee member of the Physical Analysis Expert Committee of the U.S. Pharmacopeial Convention (USP) for the 2015-2020 cycle. The Physical Analysis Expert Committee is responsible for developing new, and revising existing, analytical methods related to the physical analysis of powders, liquids, excipients, drug substances, and compounded or formulated drug products.

Hazel Seaba,’71 MS, associate dean for Assessment, Compliance, and Curriculum, had been coordinating the self-study review and preparation for our Accreditation Council for Pharmacy Education reaccreditation visit. Following Seaba’s retirement on Oct. 2, Susan Vos, clinical associate professor in the Department of Pharmacy Practice and Science, assumed the overall self-study coordination as chair of the ACPE Self-Study. In that role, Vos works with each of the self-study sub-committee chairs, leads the self-study committee that consists of the team chairs, and directs the final submission of the self-study report. Her responsibilities as chair of the ACPE Self-Study began on Oct. 3, 2015, and will continue through the self-study visit (Oct. 2016) and any postvisit responses prior to the ACPE board meeting in Jan. 2017 where our accreditation report will considered.

In recognition of his efforts at driving growth and spurring innovation in his role as American Society of Health-Systems Pharmacists (ASHP) CEO, Bisnow Ventures has named Paul Abramowitz, professor emeritus, as one of Washington’s 2015 Trending Association Leaders.

The College of Pharmacy, UI Hospitals and Clinics Department of Pharmaceutical Care, and the Iowa City VA Health Care System will collectively administer residency training programs to 23 Doctor of Pharmacy graduates in 2015-2016. Six of these residents will be taking part in the PGY1 (postgraduate year one) Community Pharmacy Residency Program, working with community pharmacists at multiple sites across the state of Iowa. The other 17 will be trained in PGY1 and PGY2 (postgraduate year two) residency programs at UI Hospitals and Clinics and the Iowa City VA.
Hazel Seaba, ’71 MS, Associate Dean for Assessment, Compliance, and Curriculum, retired from the University of Iowa on Oct. 2, 2015. Seaba first began to work at the university in 1971 and, except for a brief absence, was a leader in the college ever since. For many years, she lead the Iowa Drug Information Service (IDIS) one of the profession’s most highly respected global providers of evidence-based medication literature, and, in more recent years, spearheaded creation of a vision and development of a comprehensive collegiate assessment program as well as spearheaded our efforts in global health education. A key aspect of Seaba’s professional portfolio has been the balance she has been able to sustain as a practitioner, administrator, educator, mentor, and highly engaged association member. She demonstrated throughout her distinguished career an unwavering commitment to high professional ideals; exemplified the importance of meaningful contributions through service endeavors; and, has been selflessly dedicated to the ongoing education and training of those to whom she has been entrusted as a mentor and advisor.

James Ponto

James Ponto, ’77 BPh, clinical professor in Department of Pharmacy Practice and Science, has been appointed to the USP Expert Committee for the 2015-2020 cycle. The Monographs – Chemical Medicines 4 (CHM4) Expert Committee is responsible for the development and revision of USP/NF monographs and their associated USP Reference Standards in the areas of psychiatric, psychoactive, neuromuscular, aerosol, and imaging drug substance and drug product monographs intended for human use. Ponto will be serving a second, three-year term on the Board of Directors, Board of Pharmacy Specialties.

Claire Weidman

Claire Weidman, a P2 student, hosted U.S. Representative David Young on tours of pharmacies in her hometown of Council Bluffs. They visited the Hy-Vee pharmacy in Council Bluffs with Jim Mennen, ’91 BPh. Following, they visited Oard-Ross Drug, one of the last independently owned pharmacies in Council Bluffs.

Weidman was selected the APhA-ASP Region 5 Member at Large.

All three current students on the Board of Directors of Student Publications, Inc., which governs The Daily Iowan, are UI College of Pharmacy student pharmacists:

- Robert Nichols (P3)
- Christian Sandoval (P2)
- Emily Henningsen (P2)

Dean Donald Letendre and Hazel Seaba

Hazel Seaba, ’71 MS, Associate Dean for Assessment, Compliance, and Curriculum, retired from the University of Iowa on Oct. 2, 2015. Seaba first began to work at the university in 1971 and, except for a brief absence, was a leader in the college ever since. For many years, she lead the Iowa Drug Information Service (IDIS) one of the profession’s most highly respected global providers of evidence-based medication literature, and, in more recent years, spearheaded creation of a vision and development of a comprehensive collegiate assessment program as well as spearheaded our efforts in global health education. A key aspect of Seaba’s professional portfolio has been the balance she has been able to sustain as a practitioner, administrator, educator, mentor, and highly engaged association member. She demonstrated throughout her distinguished career an unwavering commitment to high professional ideals; exemplified the importance of meaningful contributions through service endeavors; and, has been selflessly dedicated to the ongoing education and training of those to whom she has been entrusted as a mentor and advisor.
Several representatives from the UI College of Pharmacy attended the International Pharmaceutical Federation (FIP) meetings. In addition to Dean Donald Letendre, attendees included:

**William Doucette**, head of the Division of Health Sciences Research, who presented the workshop, “New Services and Products for Your Pharmacy”

**Ryan Jacobsen**, clinical assistant professor in the Department of Pharmacy Practice and Science, who presented “Educational Strategies to Achieve Professional Excellence”

**Ben Urick**, a graduate student in pharmaceutical socioeconomics

Studies conducted mainly at the University of Iowa have found that if you have hypertension, it pays to have a pharmacist on your medical care team. **Barry Carter**, ’78 BSPh, PharmD, led the research teams on two studies, the most recent of which was published in the print version of the *Journal of the American Society of Hypertension*. Carter is the Patrick E. Keefe Professor in the Department of Pharmacy Practice and Science in the College of Pharmacy, and professor in the Department of Family Medicine in the Roy J. and Lucille A. Carver College of Medicine.

Medicinal and Natural Products Chemistry graduate student **Chaitanya Kulkarni**, along with peers from the Carver College of Medicine, attended a two week Clinical and Translational Research Course for PhD students at the National Institutes of Health Clinical Center in Bethesda, Md. The purpose of the course is to demonstrate the role of PhD scientists in clinical and translational research, provide an overview and examples of how basic science and clinical observations lead to translational research, and increase awareness of and access to PhD role models, research resources, and potential career opportunities at the National Institutes of Health.

**Shiny Parsai**, a P4 student, was selected as the Walmart/Pharmacy Times RESPy Award Winner for January 2016. The RESPy Award is given to those students who show Respect, Excellence and Service in the Pharmacy profession.

The University of Iowa American College of Clinical Pharmacy (ACCP) student chapter team qualified for the quarterfinals of the ACCP Clinical Pharmacy Challenge. Out of a field of 108 teams, they advanced through four online rounds to reach the quarterfinals. The Clinical Pharmacy Challenge is a team-based competition, wherein teams of three students competed against teams from other schools and colleges of pharmacy in a “quiz bowl”-type format. Preliminary rounds of the national competition were conducted virtually in September. The quarterfinal, semifinal, and final rounds were held live at the ACCP Global Conference on Clinical Pharmacy in San Francisco, Calif., Oct. 17-19, 2015. Congratulations to the UI College of Pharmacy team: **Tyler Sandahl**, **Cari Stoneking**, and **Sara Wirth**, with alternates **Jessica Goff**
FDA Preapproval Inspection (PAI) Manager Michele Obert conducted a quality inspection of the University of Iowa Pharmaceuticals. This inspection was a combined general cGMP inspection and PAI for a generic sterile injectable solution manufactured by UIP and an oral, immediate release tablet product on which UIP performs finished product and stability testing. The latter product was originally formulated by UIP, but product volumes became too large to be manufactured at UIP as it moved through the clinical trial process. The product is intended for the treatment of liver disease and is on an accelerated approval track due to its effectiveness. The inspector found no remarkable deficiencies at either site, and left without leaving a Form 483 (such a form is issued indicating significant deficiencies were identified). This is an accomplishment for UIP. UIP has had 4 successful PAIs since August of 2009.

On Nov. 23, College of Pharmacy faculty and staff attended a retreat to examine the updated criteria for reaccreditation.
IN THE SPOTLIGHT
Interview with Michael W. Kelly, Associate Dean

If you’ve walked the halls of the College of Pharmacy in the last 20 years, odds are good that you’ve had the opportunity to learn from Michael Kelly, Associate Dean for Professional Education. Kelly received his BSPh, PharmD and MS degrees from the University of Iowa. He served on the faculties of Southwest Oklahoma State University and the University of Oklahoma Colleges of Pharmacy as a clinical specialist in psychiatric pharmacy practice. Kelly joined the faculty of the University of Iowa College of Pharmacy in 1994 and worked as a clinical pharmacist for the Department of Family Medicine in the Carver College of Medicine until November 2004 when he was appointed Associate Dean for Professional Education at the College of Pharmacy. He continues to be involved in the training of pharmacy students through his teaching in the College of Pharmacy. He also works closely with faculty from all of the health science colleges in developing the university’s offerings in interprofessional education.

Where did you grow up? What is your educational background? I was raised on a farm near Burlington and went to a one-room school until I was in the fifth grade. I acquired an interest in pharmacy when I was a delivery boy for Clark’s Drugstore, a small community pharmacy in Burlington. I came to the University of Iowa after high school and received the BSPh degree in 1973. I worked as a hospital pharmacist in the Quad Cities for 12 years and returned here to do graduate education. I obtained a PharmD in 1988, an MS in Clinical and Hospital Pharmacy in 1989, and completed a fellowship in psychiatric pharmacy under Professor Emeritus Paul Perry. I then took a position with Southwest Oklahoma State University College of Pharmacy. After one year, I moved to the University of Oklahoma. I returned to Iowa in 1994 with a specialty in Family Medicine. I helped expand the Family Medicine network in the state. I was appointed Associate Dean for Professional Education in 2004.

What brought you back to the University of Iowa after spending time in Oklahoma? Why is the University of Iowa College of Pharmacy important to you? As I mentioned, I was raised on a farm and my wife was too. We do feel some strong ties to the land and felt like Iowa was the place we needed to be. We thought our children would do better in Iowa. The college is important because it has given me so many opportunities. It trained me, gave me a graduate education, and has been my employer for over 20 years. It is a very big part of who I am.

What things about the future of the college and the profession of pharmacy do you most look forward to? Why? I look forward to the day when the pharmacist takes an even more active role in our patients’ care. When medical records are freely available to all providers, when pharmacists are reimbursed for cognitive services, when technology and technically trained assistants free up pharmacists to do so many things beyond dispensing. We have come a long way to this goal in my career. I see our graduates leading the profession to do even more. I have never been more positive about the college. Our faculty have worked very hard to implement our new curriculum and they are excited about its possibilities. Our students are engaged. They excel in their academic work, they belong to professional organizations in record numbers and already work with great energy to help lead the profession. In my mind the reputation of this college is based on the quality of its graduates. With a new curriculum, a new building and great faculty, staff and students that reputation will be maintained.
UPCOMING EVENTS

April 5
Hawkeye Caucus Day
Iowa State Capitol, Des Moines

April 30
Zada Cooper Leadership Symposium
Marriott Hotel and Conference Center, Coralville

May 11-12
Senior Dinner and Commencement
Marriott Hotel and Conference Center, Coralville

August 20
White Coat Ceremony
Marriott Hotel and Conference Center, Coralville

September 29
Osterhaus Medal for Lifetime Achievement Symposium
Old Capitol Senate Chambers, Iowa City

College of Pharmacy New Building Groundbreaking
College of Pharmacy

September 30
Alumni Family Celebration
Sheraton Hotel, Iowa City

October 1
Homecoming Tailgate and Football Game
Iowa City

Keep in touch with the College of Pharmacy
Be sure to keep your contact information up-to-date with the College of Pharmacy for all the latest news and events. Don’t forget to share your personal and professional news as well!

Email us:
pharmacy-alumni@uiowa.edu

Use our website:
pharmacy.uiowa.edu/alumni-friends/keep-touch

Call us:
319-335-8348

In the Next Issue
The College of Pharmacy has some exciting things in store for your next issue of HawkScripts. You can look forward to reading about:

Our new college facility, with information about how you can join us to celebrate the groundbreaking.

Celebrating the people of the College of Pharmacy

Celebrating the Class of 2016