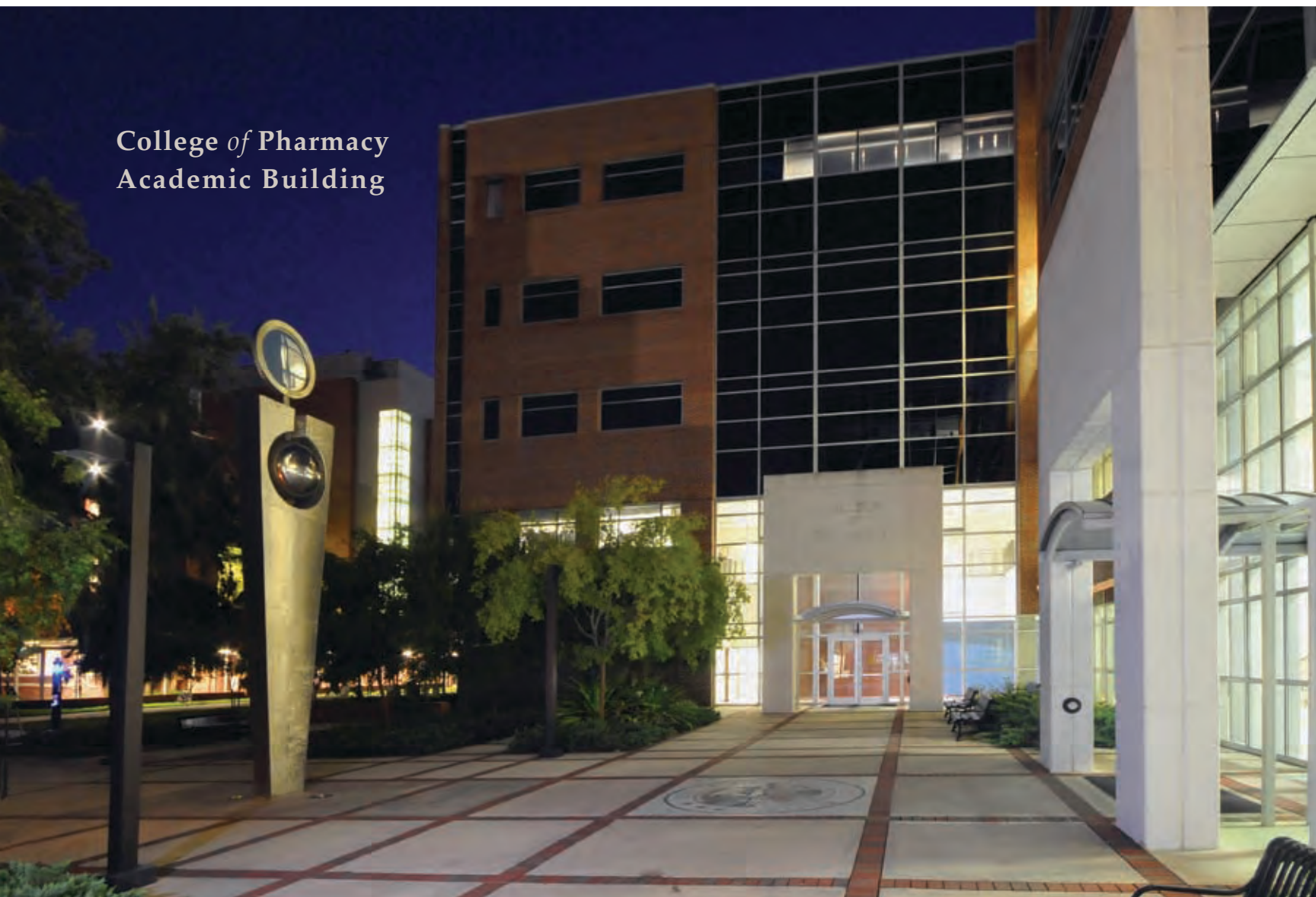


GATOR_x

UNIVERSITY OF FLORIDA COLLEGE OF PHARMACY | FALL 2009

*College of Pharmacy
Academic Building*



FLORIDA TOMORROW IS A PLACE...where pharmacy students receive education and mentoring that empower them to become world-class leaders.



SARAH KIEWEL/UF HSC NEWS

A Winning Team

Dear Alumni and Friends,

I'm so proud of our winning team – no, I'm not talking about Gator football – I'm talking about our college team of alumni, friends, faculty, students and staff, who have all worked hard over the past year in the face of tightening budgets and economic uncertainties. My personal thanks goes to each and every one of you for working together and shouldering responsibilities that make the UF College of Pharmacy a winning team.

This summer, the University of Florida received a nearly \$26 million National Institutes of Health's Clinical and Translational Science Award to speed the transformation of scientific discoveries into medical advances for patients. Our college contributed in three important areas – drug development, translational research, and graduate and professional education and training – toward UF's Clinical and Translational Science Institute proposal that secured this competitive award.

Adding to our success, we further gained \$6 million of initial funding from the Florida Legislature to plan and develop a 110,000-square-foot University of Florida Research and Education Center that would house our Comprehensive Drug Development Center adjacent to the Burnham Institute at Lake Nona, Fla.

As you read this issue of the GATORx magazine, I hope you'll learn something new about the research, education and service accomplishments our faculty and students have achieved in the past year. We are also proud of our many alumni and friends who serve as leaders in pharmacy across the United States, and those who have worked hard to ensure the strength of pharmacy education and research. We want to share their stories too.

This fall, we celebrated our annual alumni homecoming reunion with a record turnout of more than 1,000 alumni, families, and friends. That sets the tone as we look forward to an exciting year of new graduate programs, partnerships and distance education opportunities at the UF College of Pharmacy!

Go Gators – and Go UF Pharmacy Nation!

A handwritten signature in black ink that reads "William H. Riffe". The signature is written in a cursive, flowing style.

William Riffe, Ph.D.
Dean, UF College of Pharmacy

GATORx Magazine

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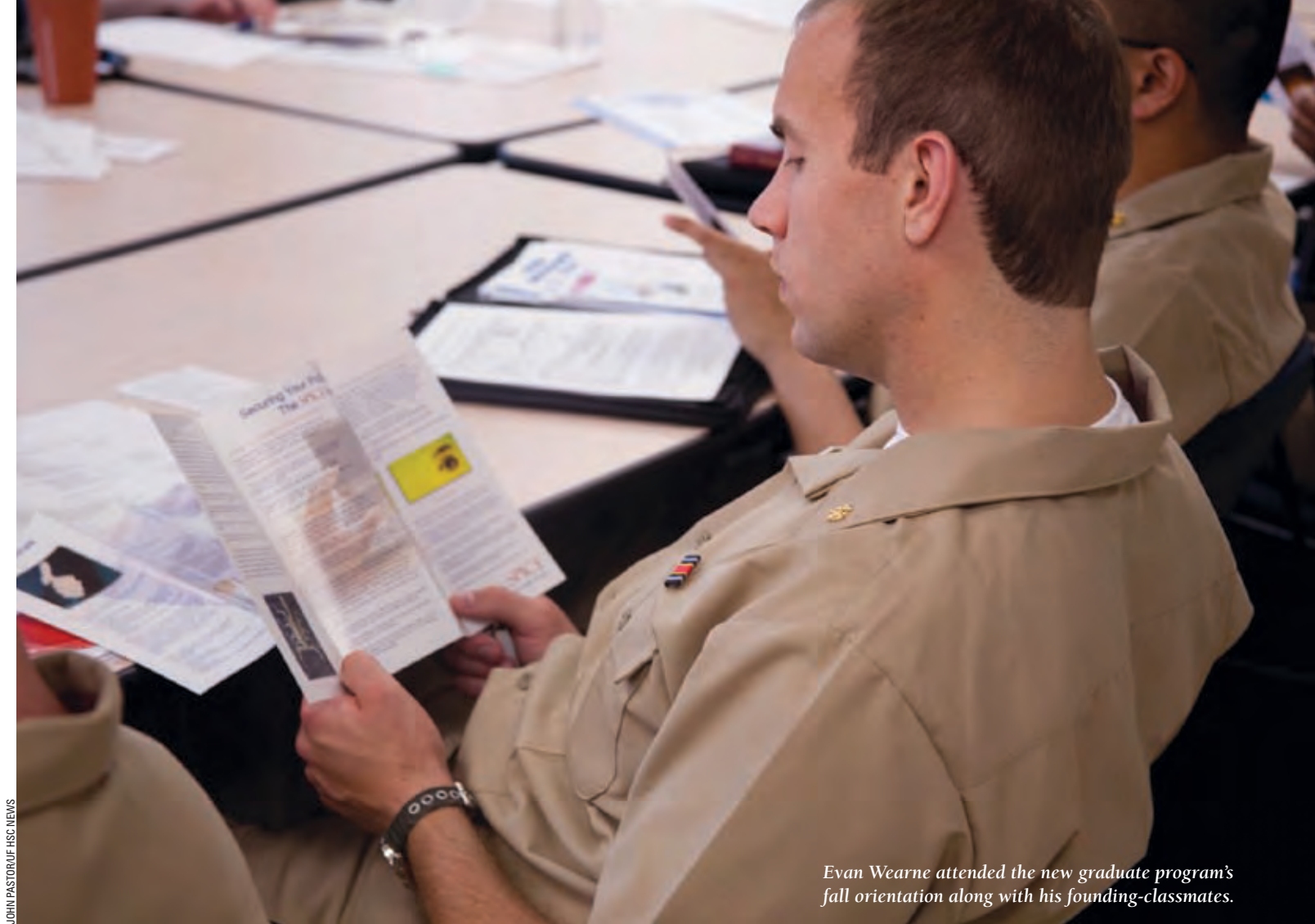
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ON THE COVER: UF Photographer Ray Carson captures the College of Pharmacy campus during the quiet evening hours — a contrast to the daytime activity in the Health Science Center complex.



Evan Wearne attended the new graduate program's fall orientation along with his founding-classmates.

JOHN PASTOR/UF HSC NEWS

UF & FDA Academic Alliance Graduate Scholarship in Pharmaceutical Outcomes & Policy

This fall, the UF College of Pharmacy has enlisted a few good men and women into graduate studies in drug evaluation, policy and safety issues through a new scholarship opportunity.

The Food and Drug Administration, Center for Drug Evaluation and Research, working with the U.S. Public Health Service Commissioned Corps, had been seeking an educational partner that could help attract scientists and health professionals fill a growing industry need. Capt. Greg Wood, director of the CDER Academic Collaboration Program, came to UF last year with a new partnership in mind.

"This partnership is the first of its kind for our agency," Wood said. The scholarship program provides tuition, salary and housing, and guarantees a job with CDER at the FDA upon graduation.

Working collaboratively with industry, academia and other partners is an important agency goal, Wood said. Improving the drug development and review process is vital to improving the public health for the nation.

In addition to meeting UF graduate admission requirements, students must be commissioned as officers in the U.S. Public Health

Service Commissioned Corps. For class and program events, they wear the same service khaki uniform as the U.S. Navy, with a special Commissioned Corps insignia. They must also be full-time students and agree to work for CDER/FDA for two years in return for each year of paid tuition.

The federal agency's public health directive and mission are to approve safe and effective drugs and to provide consumers and health care practitioners with accurate drug information. This requires a greater demand for scientists and health professionals trained in regulatory and safety sciences, said



Russ Abbott, director of the Office of Management, CDER/FDA.

"Working closely with a graduate health science educational program like the one at UF is a good way for the agency to achieve its goals," Abbott said.

Danielle Smith, who graduated with a doctor of pharmacy degree from Florida A&M University in spring, learned she was one of five students accepted into the new program at UF.

"It will allow me to further my education and will guarantee a job with the organization that I want to work with upon graduation," said Smith. "It's a win-win situation."

In July, Smith and her founding-classmates — all commissioned officers in the U.S. Public Health Service participated in a one-week FDA orientation in Silver Spring, Md., before attending two weeks of officer basic course training in Lansdowne, Va.

Jonas Santiago, a student from the Washington, D.C., area, learned of the program while working for the FDA during a student rotation to complete his doctor of pharmacy degree at Howard University.

"The program specializations in pharmacoepidemiology, patient safety and risk evaluation directly correlates to certain offices and divisions within CDER. The advanced training and completion of this program will help make me an important asset for the Center," Santiago said.

Starting in fall 2010, up to 20 new students will be admitted to the program. Almut Winterstein, Ph.D., director of the UF FDA/CDER Scholarship Program is encouraging qualified students to visit the college's Web site www.cop.ufl.edu for application information under the department of pharmaceutical outcomes and policy.

"I believe that the expertise in our department and the portfolio of our specializations fits well with the FDA need for clinical research capacity," Winterstein said.

Winterstein, an associate professor in pharmaceutical outcomes and policy at UF, added that the college was honored that they had been selected as an educational partner by the FDA. In addition to its existing curriculum, the college will tailor class projects to FDA research needs in order to assure that students have the best preparation possible for a career with CDER and beyond, Winterstein said.

(left) The first University of Florida—Food and Drug Administration graduate scholarship students in pharmaceutical outcomes and policy. Students (from left) James Trinidad, Danielle Smith, Jonas Santiago, Matthew Kirchoff, and Evan Wearne, are officers in the U.S. Public Health Service Commissioned Corps.



Ed Hamilton Takes the Helm at APhA

By Denise Trunk Krigbaum

As physicians, nurses and administrators crowd around the table with politicians and insurance representatives to debate health care reform, a UF graduate and national organization leader says one more party should play a key role in the discussion — pharmacists.

In April 2009, Ed L. Hamilton, Pharm.D., became the second Florida pharmacist ever to serve as president of the American Pharmacists Association in its 157-year history.

In his acceptance speech, Hamilton encouraged attendees of the annual meeting to expand their practice to provide broader patient-care services and to collaborate with other health-care providers to improve patient outcomes.

By working closely with physicians as a member of the health-care team, Hamilton said pharmacists help patients to better understand and manage their medication therapy to get the best possible results. This ultimately may mean fewer trips to the doctor's office, less hospitalizations, and overall improved quality of health with less expense, he said.

"Working side-by-side with other health professions," Hamilton said, "I have gained insight into the benefits of collaborative practice and professional communication — strategies that increase patient safety, reduce medication errors and enhance medication use."

Getting pharmacists involved in the overhaul of health care is just one way Hamilton said pharmacists can raise the level of service to their community.

The director of pharmacy at the Regency Medical Center in Winter Haven, Fla., Hamilton graduated from UF's College of Pharmacy twice; in 1975 with a bachelor's and in 2000 with a Doctor of Pharmacy degree. Since then, Hamilton has practiced in community, hospital and long-term care pharmacy. Hamilton's service to APhA includes nine years as a member of the Board of Trustees, president of APhA-Academy of Pharmacy Practice and Management, and nearly 20 years in the APhA House of Delegates.

When he attended his first APhA annual meeting in 1990, Hamilton came away full of enthusiasm about the future. But, he did not imagine that 20 years later he would become president of the nation's oldest and largest pharmacist association, which had grown to 62,000 members. It was his desire to make a difference that led him to serve first, as president of the APhA county chapter, then state chapter, and now as national president.

Hamilton also has served as president of the Florida Pharmacy Association and president of the FPA Foundation. He serves on the UF College of Pharmacy National Advisory Board, and also has served as president of the college's Alumni Association. Last year, he was recognized with the UF Distinguished Pharmacy Alumnus Award.

Hamilton's honors include being named the FPA Florida Pharmacist of the Year, the FSHP Pharmacist of the Year and inducted as an APhA Fellow. Hamilton also has been recognized as a recipient of the Bowl of Hygieia Award and the FPA/IPA Inspiration and Motivation Award. He lives with his wife, Ann, in Lake Alfred, Fla. The couple has two sons, Alan and Neil.

BUILDING FOUNDATIONS

Florida Pharmacy Leadership

By Denise Trunk Krigbaum

Upon graduation from the University of Florida College of Pharmacy in 1953, former Marine Jim Powers set off to be a pharmacist, but he didn't anticipate the road would take him to a leadership position in one of the most influential pharmacy organizations in the state.

The twists and turns of Powers' professional path led him to the executive vice presidency of the Florida Pharmacy Association. He served in the organization from 1969 to 1991.

"It was 22 golden years for pharmacy because much of the legislation and rules for the board of pharmacy were achieved in that period," Powers said.

Powers' service paved the way for others at UF, who are now involved in the profession's esteemed organization.

In fact, at the Florida Pharmacy Association's 119th annual meeting in July in St. Augustine, three UF College of Pharmacy faculty members followed in Powers' footsteps and stepped up to offer the association leadership in 2009-10. Karen Whalen, a clinical associate professor and assistant director of the UF COP St. Petersburg campus, became the FPA president. Dean William Riffe, accepted the position of FPA House of Delegates Speaker Elect, and Carol Motycka, a clinical assistant professor, and assistant dean and director of the UF COP Jacksonville Campus, continues Powers' contributions as Chair of the Education Council.

Powers' path to leadership began with his service in the U.S. Marine Corps during World War II. Afterward, he attended college in California on the GI Bill, but returned home to St. Petersburg, awaiting admission to pharmacy school at UF — a three-year program versus University of Southern California's four-year program.

Three years after graduating from UF, Powers used his military background to begin work as an agent in the State Bureau of Narcotics, an early version of the Florida Bureau of Law Enforcement. The narcotics bureau consisted of 13 pharmacists and was a law enforcement branch of the State Department of Health.

As agents, the pharmacists were called on to inspect pharmacies and health-care professionals.

"We enforced the narcotic laws," Powers said. "The charges were for drug abuse or dealing, just as it is today — same story, different drugs."

After six years in the agency, Powers followed his interest in the law and completed 50 hours of "one of the greatest educations" at Stetson Law School.



Pat and Jim Powers

Powers returned to law enforcement at the bureau's new Orlando office. The bureau of narcotics was later transferred into the state's law enforcement bureau by the Florida legislators.

"Some of the pharmacist narcotic agents went with the Florida Board of Pharmacy and other state agencies, and some just retired," Powers said.

Powers left the state's law enforcement bureau and worked as a pharmacist for about a year before the opening came at the FPA in 1969. He credits his additional education in law school for landing the job, and for teaching him how to think on his feet.

He moved his family to Tallahassee in 1970, and the FPA's new location became the Powers' home base for the next 22 years. His wife, Pat, soon found a new opportunity in Tallahassee as well. She served as editor of Florida Pharmacy Today journal for 21 years. Upon retirement, she became the executive vice president of the Florida Pharmacy Foundation, an organization she has been serving for the past 13 years.

"We passed some amazing legislation," Powers said. We helped elect three pharmacists to the Florida House of Representatives; Carl Carpenter (UF'59), Plant City, Fla., Everett Kelly (UF '60), Tavares, Fla., and Fred Lippman, Hollywood, Fla.

Generic drug interchange, the pharmacists' self-care consultant law, and the consultant pharmacist programs were three formative policies legislated during Powers tenure at FPA. "Those were three outstanding achievements during those years," Powers said. "We were the first state to pass the consultant pharmacist law."

Throughout his successful, winding career path, Powers has adhered to certain codes while acknowledging that leadership is not always easy.

"My guiding principle has been to treat everybody equal — to be fair and let everybody be heard. Listen to what they have to propose, and sometimes you do what you have to do, regardless," Powers said.

The FPA's newest president, Whalen, faces different challenges from Powers' earlier days. Nevertheless, she echoes his approach to listening, and fostering communication.

"Regulation, a downturn in the economy, vast changes in medical economics, and an overall health care crisis have created a very different climate for us," Whalen said in her presidential address to the FPA. "Now, more than ever, it is imperative that we all work together. It is my sincere hope that you will keep in mind that collaboration is key."



Karen Whalen
2009-10 FPA President



UF Reaches More Scientists Seeking Higher Education

The UF College of Pharmacy is reaching students and professionals across the nation with something in common — they want to expand their knowledge in pharmaceutical chemistry.

A new online program, launched this summer, offers graduate studies in the fields of drug pharmacology, metabolism, drug chemistry and organic synthesis. By spring 2010 term, Ian Tebbett, Ph.D., program director, expects to have 20 students enrolled — many who are scientists from large pharmaceutical firms and regulatory agencies.

"These students are looking to find, or further, careers in the pharmaceutical industry or drug regulatory agencies," said Tebbett, a professor in medicinal chemistry at the UF College of Pharmacy.

The pharmaceutical industry invests heavily in research and development, and the need for qualified scientists continues to grow, Tebbett said. In this rapidly evolving health care landscape, well-educated professionals are vital for development of world-class medications. Drug regulatory agencies also require qualified scientists to evaluate potential new drugs, he said.

Tebbett finds that prospective students are excited when they find an online master's program from the University of Florida, particularly in an area of drug development or regulation.

"Students often tell me this is the only way they are able to manage their jobs, families, and still work on a master's degree," Tebbett said.

Also beginning spring 2010, the UF College of Pharmacy will offer an online graduate certificate program in Clinical Toxicology. Tailored to meet the needs of health science specialists, students may be pharmacists, nurses, doctors, or other professionals who work in poison control centers, or who specialize in managing toxicological issues.

Expand your knowledge and advance your career in the pharmaceutical industry, regulatory agencies, or analytical laboratories. Build a strong foundation in: analytical techniques, drug pharmacology, metabolism, drug chemistry, and organic synthesis. For more details, please visit: [HTTP://PHARMCHEM.COP.UFL.EDU](http://pharmchem.cop.ufl.edu)



Online Master's Education

Pharmacy & Business Administration

The **University of Florida College of Pharmacy** is working in partnership with the **Stetson University School of Business Administration**. These two degrees give you the skills and credentials to maintain a competitive edge in a downsizing economy.

- ▶ **MSP Pharm:** The UF College of Pharmacy provides expertise in Applied Pharmacoeconomics, the cornerstone of success in pharmaceutical & biomedical businesses.
- ▶ **MBA:** Stetson University provides foundational expertise in marketing & management for career advancement in the business world.

Each institution transfers credit from the other to allow for the completion of both degrees in the amount of time it would otherwise take to complete only the MBA degree.

Relocation is not necessary: All courses are taught online, and they coordinate with the schedules of busy working professionals. Fall & Spring semester courses are 7 weeks in length. Summer courses are 6 weeks in length. **There is no thesis required for these master's degrees.**

For More Information:
visit the program Web site at:
<http://pharmaMBAonline.com>

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Stetson Contact: Dr. Ted Surynt at
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Therapeutic Frontiers Lecturer Award

The American College of Clinical Pharmacy awarded its **2009 Therapeutic Frontiers Lecturer award** to **Julie A. Johnson, Pharm.D.**, the V. Ravi Chandran Professor of Pharmaceutical Sciences at UF College of Pharmacy. The award recognizes an individual, considered to be at the leading edge of research, who has made outstanding contributions to pharmacotherapeutics.

Internationally recognized for her work on cardiovascular drug pharmacogenomics and the influence of race and ethnicity on drug response, Johnson, director of UF's Center for Pharmacogenomics, received the prestigious award in October at the ACCP annual meeting in Anaheim, Calif.



SARAH KIEVEL/UF HSC NEWS

Julie Johnson, chair of the department of pharmacotherapy and translational research

Johnson's work has made outstanding contributions in the pharmacogenetics of antihypertensive therapy through innovative research that has direct therapeutic applications, said Scott Weiss, M.D., director of Harvard University's Center for Genomic Medicine, who supported her nomination.

"She is one of a very small group of pharmacists who are competing at an international level and is at the leading edge of her field," Weiss said.

The American College of Clinical Pharmacy provides leadership, education, advocacy, and resources enabling clinical pharmacists to achieve excellence in practice and research.

Warfarin Consortium

Pharmacogenetics Research Takes on a Global Scale

By John Pastor



Researchers, typically pitted against each other, race to publish their findings in competition for limited funding resources. In the New England Journal of Medicine last February, however, there was a twist to that plot. Researchers from nine countries banded together to describe how they collectively developed a way to use information about a patient's genetic makeup to determine optimal doses of the anticoagulant warfarin, commonly referred to as a blood thinner.

More than 20 teams of medical scientist, including Julie A. Johnson who directs the UF Center for Pharmacogenomics, formed the International Warfarin Pharmacogenetics Consortium and agreed to publish their work collaboratively.

The blood-thinning drug's potency and side effects vary greatly from one person to the next, said Johnson, an associate director of the UF Genetics Institute. The real value will be to patients getting warfarin therapy prescribed for the first time.

An estimated 2 million new patients with heart conditions or other risk factors begin warfarin treatment annually in the United States, making warfarin one of the most widely prescribed drugs in the world. It is used to prevent blood clots, which can lead to heart attacks, strokes or death.

It is also one of the top five drugs that cause hospitalizations for adverse effects.

Warfarin is a complicated drug to use because of its very narrow therapeutic window, said Johnson, a professor and chairwoman of the College of Pharmacy department of pharmacotherapy and translational research.

"It's a matter of balance. At one end there is a clotting risk, at the other is a bleeding risk, and in the middle is where we get the desired benefits from the drug. Finding the right dosage for a patient can be very tricky."

The study, using data from the largest, most diverse group of patients to date, included patients from countries around the world, including Taiwan, Japan, Korea, Singapore, Sweden, Israel, Brazil, the United Kingdom and the United States.



An App for Pharmacy



By Laura Mize

This year, UF College of Pharmacy students found more in iTunes than just their favorite musical artists and TV shows. Through iTunes U, a free service offered by Apple to educational institutions, they found video lectures and media files related to their pharmacy courses.

Students are able to access all that on their iPods or iPhones. The college has implemented a requirement that in addition to a laptop computer, all new students in the fall of 2009 own an iPod Touch or iPhone.

The iPod Touch and iPhone will allow students to access numerous programs to help them through pharmacy school, said Dean William Riffe, Ph.D., an advocate of learning technologies. The devices also can be used as classroom clickers, enabling students to provide answers to pop-quiz questions and participate in other interactive learning activities while in class, he said.

In addition to iTunes U, they also can use Epocrates Rx, an iPod/iPhone application that features a searchable database of pharmaceutical drugs sorted into categories based on appearance. Students will be able to search for all blue pills with an oblong shape, for example.

There's also Allscripts, a company that's working with the college to create a database of fictional medical records to help students learn to use electronic medical records.

"There's a growing body of research that revealed that by using that type of teaching approach you can improve learning outcomes and prolong retention of material," said Andy Kellenberger, educational media coordinator in the college.

"We have a little icon we require them to put on their home screen, which takes them to a news page that's specifically formatted for these handheld devices," said Kellenberger. "So instead of having to boot up their laptop and find power and plug it in, they can pull this out of their pocket, hit one button and go to a web page that has information just for them."

But Riffe said the point of all this is not just to have students access nifty programs. It's to prepare them for jobs in pharmacy, where he sees these kinds of portable devices as the future in pharmacy practice. The college has earned an excellent reputation for preparing its students for real-life practice, he said.

"We always receive top praise from supervisors who take in UF students for intern experiences," Riffe said. "This is another way our students will be highly skilled when they enter any pharmacy practice setting."

"We don't want our students just to go to a pharmacy practice setting and be told 'These are the tools you're going to use,'" he said. "We want them to know when they arrive that these are the advantages of these tools, these are some potential limitations and to be involved in guiding the development of technology to support the pharmacy profession."

Adding to the challenge is that one person may need 10 times more of the drug than the next, Johnson said. Traditionally, doctors target the dose by taking a person's standard clinical information, such as age, weight, gender, ethnicity and health conditions, and gradually adjust the dosage over a few weeks by observing how the drug affects clotting.

However, when information about two genes, CYP2C9 and VKORC1, is factored into the initial determination, scientists found they could more accurately predict ideal dosages.

Scientists used health information and DNA samples from 4,043 patients and created three dosage procedures. One was based on age, weight and other standard health variables. A second procedure added genetic information to the patient data. A third model simply used a fixed dose of 5 milligrams of warfarin per day.

After matching their predictions with what eventually turned out to be the appropriate warfarin dosage for each patient, the scientists found the genetic method provided a significantly better prediction of the actual therapeutic dose.

The greatest benefits were observed in about 46 percent of the patients. These are the patients on the extreme ends of the dosage range who would suffer the most ill effects from an overdose.

"This research study has made an important advance toward personalizing medicine — it uses data from countries around the world to develop a gene-based strategy for warfarin dosing that could benefit a wide range of patients," said Jeremy M. Berg, director of the National Institute of General Medical Sciences, or NIGMS, which partially funded the study. "This is a wonderful example of international cooperation and the results are especially valuable for the United States, since our population is so genetically diverse."

In addition to NIGMS, the National Heart, Lung and Blood Institute, the National Institute of Neurological Disorders and Stroke, and the National Center for Research Resources supported the research.

SARAH KREVEL/UF HSC NEWS



Veronika Butterweck keeping grad interns busy in her herbal medicine lab. Students from left: Michael Fretz, Switzerland; Julia Algermissen, Germany; Isabelle Brunner, Switzerland.

Rescue Remedy for Herbal Research

By Monica Vigo

Through the meticulous, years-long process of research in her UF herbal medicine lab, Veronika Butterweck, Ph.D., an associate professor in pharmacetics, has one new remedy that just may speed up the process.

Twelve international students with lab skills from universities in Germany, Switzerland and Austria help Butterweck compete in the fast-paced world of research and drug discovery.

In 2007, Americans spent \$4.8 billion on herbal and botanical supplements, drugs that are not required to be regulated by the Food and Drug Administration in order to be sold. Normally, it takes up to two years for UF graduate students to be ready to conduct lab research, Butterweck said, and by then other herbal researchers have begun racing to market.

Through academic associates in her home country, Germany, where she earned her Ph.D., Butterweck arranged to host pharmacy students seeking internship experiences. The international students will assist Butterweck's research at UF.

"The visiting international students are a big help because they already know how to use lab equipment and perform common tasks associated with research without having to relearn them," Butterweck said.

But Butterweck is not the only one winning, the students are as well. While Butterweck gets help completing her research faster than she could alone, the students continue to work toward completing their necessary requirements for graduation.

Pharmacists in Europe have laboratory training early in their studies and typically graduate with a master's degree, which prepares and allows them to work in research labs. The U.S. doctor of pharmacy education is more clinical, or patient-centered, rather than lab-focused.

European research experiences are limited, mainly concentrating on chemical extraction from plants. This is why the students prefer varied research experiences in America, Butterweck explained.

"I heard of UF's excellent reputation for its pharmacy school. I was more than happy when my professor in Vienna offered to establish ties with Dr. Butterweck," said Stefanie Weinoehrl, a student from the University of Vienna.

The students are helping her research herbs such as Valerian for anti-anxiety and sleep-inducing effects and Russian Tarragon for anti-diabetic effects. Learning how drugs are researched and developed firsthand rather than just in theory is an important experience they get at UF, Weinoehrl said.

Michael Fretz, a student from the University of Basel in Switzerland, was glad to work in an international environment at UF — in a college with a good reputation.

"I haven't decided yet if I will go into research," Fretz said. "But after my experiences here, I definitely would be interested."



SCIENTIFIC

The UF College of Pharmacy Pharmaceutics department holds two biennial international scientific meetings. In 2009, each meeting held its 7th symposium. The Retrometabolism-based

New Developments in Clinical Pharmacy & Clinical Pharmacology

The Symposium on New Developments in Clinical Pharmacy and Clinical Pharmacology is organized by Hartmut Derendorf, Ph.D., a distinguished professor and chairman of the pharmaceutics department in collaboration with European universities.

At each meeting, the **UF Global Gator Award** is given to an individual who best represents the University of Florida Gator spirit internationally in the field of Clinical Pharmacy and Clinical Pharmacology. This year, **Willy Roth, Ph.D.**, former vice president of Drug Metabolism and Pharmacokinetics, at Boehringer Ingelheim Pharma GmbH & Co. KG in Germany received the honor.

"These meetings not only provide education for clinical researchers around the world," Roth said, "they also serve as an important venue for the younger scientists to interact with more experienced scientists and launch early connections to industry."

With a Ph.D. in Organic Chemistry from the University of Mainz, in Germany, Roth came to UF in 1981 to work on nonlinear pharmacokinetic models with an early pioneer in pharmacokinetics at the UF Health Science Center. Edward Garrett, Ph.D., was a renowned researcher, considered to be one of the world's best in those days, Roth said.

Today, nearly 30 years later, Roth would like to see pharmaceutical Industry and academia work closer together in developing new medications for unmet medical needs.

Roth supports the idea of building a consortium of professionals from the European pharmaceutical industry, who want to work with academia to enhance the training of graduate students in pharmacokinetic and pharmacodynamics (PK/PD).

Taking the first steps, Boehringer Ingelheim in Germany, together with other European-based pharmaceutical companies is starting a new program.

Meeting attendees gather for an evening banquet at the Hotel Regina Palace in Stresa, Italy





INTERNATIONAL SYMPOSIA

Drug Design and Targeting Conference was held in May in Orlando, and the New Developments in Clinical Pharmacy and Clinical Pharmacology meeting was held in June in Stresa, Italy.

Graduate students will have rotations, working in several companies to experience the culture, structure, and projects of each organization.

"Although many young professors have established their educational programs, they are partly swimming in their own pond," Roth said. "This will further help them become better teachers by exposing them to actual industry based know-how and exchange emerging technologies."

Europe, comprised of many small countries close together, is by nature focused on intensive communication with others, Roth said. That's why it's common for Europeans to speak several languages. Likewise, pharmaceutical corporations in Europe take a different approach from their American counterparts. Roth describes a business environment that's, in part, different from highly competitive U.S. firms.

"Here we obviously have closer connections among pharmaceutical companies," Roth said. "We visit other labs, have organized industry discussion groups, including highly specialized technicians, who share information and sometimes even exchange technology."

Roth describes an explosion of knowledge generated on both sides — in academia and industry — to cope, he says European and U.S. pharmaceutical companies must consider working with universities to train future scientists in drug discovery and development. That's where Roth also sees an opportunity to invite his UF colleagues to join his vision of industry collaboration.



Hartmut Derendorf presents the 2009 Global Gator award to Willy Roth



Retrometabolism-based Drug Design & Targeting

In May, Nicholas Bodor, Ph.D., D.Sc., executive director of the UF Center for Drug Discovery, was surprised when his role changed from host of the 7th Retrometabolism-based Drug Design and Targeting Conference to guest of honor.

The three-day conference in Orlando brought together more than 60 distinguished scientists from Asia, Europe, and the United States to present and share the latest drug targeting and delivery, nanotechnology, antibiotics, and asthma research in retrometabolism-based studies.

Following the scientific meeting, college administrators and fellow researchers honored Bodor, a graduate research professor at the UF College of Pharmacy, for his 30 years of scientific contributions at UF, in celebration of his 70th birthday.

Former graduate students and post-docs, prepared personal messages to thank Bodor, including Marcus Brewster, Ph.D., a distinguished research fellow at Johnson & Johnson Pharmaceutical Research and Development in Belgium. Brewster ('82), not able to attend the reception, prepared a pre-recorded video message.

"Dr. Bodor was someone who took an interest and really helped his students progress and achieve, and instilled in students what they needed to be successful in the greater, outer world," Brewster said on camera. "And, I'll never be able to thank him enough for that — not only for what he was able to do for me professionally, but also for me personally."

Dean William Riffie presented Bodor with an engraved crystal vase for his distinguished service to the college since 1979 on behalf of the college and the students who became pharmaceutical researchers worldwide under Bodor's mentorship.

"Nick represents the very best in pharmaceutical science and leadership in drug discovery; something that is not just evident by his many accomplishments and awards," Riffie said, "but also in the honor and esteem in which his students regard him."

Riffie invited these researchers to join him in sharing their UF experiences, and to express their thanks to their former graduate professor:

- Sung-Hwa Yoon ('89) professor of molecular science and technology, Ajou University, South Korea
- Indra Reddy ('89) founding dean of Texas A&M Health Science Center College of Pharmacy
- Prashant Chikhale ('91) consultant in pharmaceutical product development, Columbia, Maryland
- Timothy Lim ('97) Centers for Disease Control & Prevention
- Peter Buchwald ('97) asst. professor in molecular & cellular pharmacology; director, drug discovery, Miller School of Medicine, University of Miami
- Amy Buchwald ('01) NOVEN Pharmaceuticals, dept. of clinical pharmacology



Joined by his family: from left, daughter-in-law, Xenia Goulimari; Nicholas Bodor; children, Nicole Bodor & Erik Bodor; and wife, Sheryl Bodor



SARAH KIEVEL/UF HSC NEWS

Professors Doering and Munyer pause to join their spring 2009 class in front of the camera.

Under the Hot, White Light

By Monica Vigo

Students in white coats — palms sweating, hearts racing — sit in class knowing they may be called on to defend their researched prescription-care plan. It is a test of everything they have learned in the first two years of pharmacy school, and they can't continue without passing this course on patient care.

"You can imagine sitting there in the class hoping and praying that your name doesn't get called on," said Paul Doering, M.S., a distinguished service professor in the UF College of Pharmacy. "But the minute it does, it's your turn to have 125 sets of eyes on you."

The class is Pharmacotherapy V and verbal defense — or "verbal assault," as students jokingly call it — is just a portion of what is expected in the class. And the video camera, recording everything, adds even more pressure.

The class started out as an idea sketched out on a cafeteria napkin back in the early 1990s said Doering. His colleague, Tom Munyer, M.S., a clinical associate professor in the college, wanted to change the way pharmacy courses were taught by placing the responsibility on the students. They would have to come to class, prepared and ready to use the information they had been given, Doering said. The video camera would be used as a learning tool for students to later review.

Skeptical at first, Doering agreed to take on the new teaching style, but soon found himself in the "worst semester of his teaching career" because of heavy student resistance. It was a huge change from what previous students had endured, and the concept of critiquing their own and the others' video recordings did not sit well at all.

The two professors, however, persevered and ultimately created a class that they believe yields highly competent and more successful pharmacists out of the University of Florida. His early intuition now has been validated at professional development seminars on teaching, Munyer said.

"Though the 90s students were uncomfortable at first," Munyer said, "It appears to be just the right teaching style for today's millennial students because of the active engagement, student-centered learning in a high-tech classroom setting."

This two-semester long course gives students an immersion in patient care through six unique scenarios, each lasting four days, called Main Cases. Other topics covered in the course, include self-care, which is what the students will see during their community pharmacy rotations, and geriatrics and Medicare education. The professors also emphasize pharmacokinetics, the field of pharmacy that applies mathematical principles to describe a drug's journey through the body.

Through role-playing simulations, students participate in pharmacist-physician and pharmacist-patient situations that are designed to imitate what they will experience during their clinical rotations and beyond.

From the information they receive prior to class, during the class interactions and from what they have researched themselves, the students develop their care plan. Preparing in small groups, students are mindful that anyone in the group can be called on to present.

Clinicians who accept students for rotational training internships, are very impressed with UF pharmacy students and want them in their pharmacies, Munyer said. He attributes this to the "real life" scenarios they research and practice in the pharmacotherapy course.

"They tell us there is no comparison between our students and students from other universities because ours are much more capable and prepared," he said.

Munyer and Doering enjoy hearing from past students, especially after they've had time to realize the course's intentions and apply their new skills.

Kathryn Samai, a graduating senior, is finishing her internship rotations at Memorial Regional Hospital in Hollywood, Fla., and in an email expressed her appreciation to the professors after realizing just how well prepared she was because of their class.

"UF students just seem to rise above the standard. I have noticed this throughout my rotations and am so proud to be a Gator," Samai wrote.

International Poster Award

Christian Hampp, a postdoctoral fellow in pharmaceutical outcomes and policy, in August, received his Ph.D. from the UF College of Pharmacy. But his work didn't end with graduation.

Hampp, the first honorary recipient of the DuBow Family Fellowship, received international recognition in October for his continued research on the cost analysis of protective treatments for respiratory syncytial virus (RSV) infections at the International Society for Pharmacoeconomics and Outcomes Research European Congress in Paris.

His poster titled, *Cost-Effectiveness of Respiratory Syncytial Virus Prophylaxis with Palivizumab from the Perspective of a Southern U.S. Medicaid Agency*, was among three ISPOR Best Student Poster Research Presentations awards.

Conducted with Teresa Kauf, Ph.D., and Almut Winterstein, Ph.D., associate professors at UF's College of Pharmacy, and Arwa Saidi, MBBCh, an associate professor of pediatrics at UF's College

of Medicine, Hampp's research compared the cost and benefit of prevention treatments for high-risk children up to age 2. RSV causes bronchiolitis and pneumonia and is the most common cause for hospitalizations in infants. His study showed that the high cost of repeated immunizations through seasonal months far exceeds the financial benefit of preventing hospitalizations, even in children at highest risk for infection.



Exemplary Service

Diane Beck, Pharm.D., a professor in the UF College of Pharmacy, has been appointed as associate dean for curriculum and assessment. She fills a position previously held by Douglas Ried, Ph.D., who left UF last summer to serve as dean of the Southwest Oklahoma State University College of Pharmacy.

From 1979 to 2004, Beck was a faculty member at Auburn University Harrison School of Pharmacy and now serves as a professor emerita there. A past-president of the American Association of Colleges of Pharmacy, she received a bachelor's and a doctor of pharmacy degree from UF.

Beck received the UF IT Distinguished Leadership Award for her exemplary service and contributions in co-chairing the Course Management Systems Review Committee for the University of Florida. She received a commemorative plaque in October.

The UF IT Awards and Recognitions program states its mission to recognize individuals and teams who bring out the best in each other and serve customers with distinction, and also to honor those who work tirelessly to keep university systems running.

Award categories include, collaboration, innovation and leadership; exceptional customer service; and outstanding work behind the scenes. For each award category winner, the team receives a plaque, and team members each receive personalized certificates.



Gerald E. Gause 2009 Teacher of the Year

Each year, the College of Pharmacy presents one faculty member with the Teacher of the Year award, something this year's winner, Gerald E. Gause, Ph.D., an associate scholar in the department of pharmacodynamics is quite familiar with.

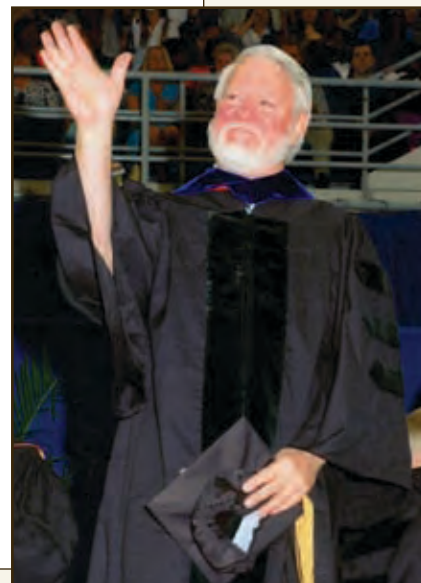
Gause, a four-time winner of the award, said respect for students, along with challenging and encouraging them, is one of his guiding philosophies. His secret to success can be found in the amount of attention he gives to his students, trying to read their expressions when a new topic is introduced and changing his approach if they don't seem to be grasping it.

"I learn what motivates them, what turns them off and how to get them interested," Gause said.

He received a B.S. in mechanical engineering in 1963 from Le-Tourneau College in Texas. Following his service in the U.S. Navy, Gause returned to school and earned a B.S. in zoology from the University of Florida in 1973 and completed his studies in 1980 by earning a Doctor of Philosophy degree in zoology.

His dedication to teaching is coupled with a heavy interest in research. He has published numerous articles on pulmonary physiology and pulmonary hypertension.

"Students challenge me and introduce me to new ideas," Gause said. "I take time to listen and learn from them."





"I was really impressed with how these Arab students and the Jewish students were collaborative and working together and helping each other in the midst of rockets being fired in the Gaza strip," he said.

Hendeles offered as a career role model for the aspiring students, since no one has yet earned a Pharm.D. degree in Israel, said Amnon Hoffman, the head of the clinical pharmacy program at Hebrew University.

During his short visit, Hendeles became a close colleague and a mentor in the new degree endeavor, giving Hoffman a connection to a university that has had a Pharm.D. program for almost thirty years.

"It is encouraging for me to know that there is a group of people who can help," Hoffman said.

For Hendeles, teaching didn't stop in the classroom. He took his areas of expertise to Hadassah, the hospital that Hebrew University partners with, teaching the pediatric doctors about improving the delivery of asthma medications to children.

"The chief of pediatrics recognized that the pediatric residents were not getting enough training from the pediatric pulmonologists, and yet they graduate from the program and have to go to clinics where they take care of asthma patients," Hendeles said. "So he saw this as an opportunity to capitalize on me being there."

As Hendeles has done much of his research on inhaled asthma medications, he cued in quickly on a common problem. In the hospital, a less effective medicine was still being used to treat asthma and doctors often didn't give inhaled medications for

Exploring New Paths

UF Pharmacy Professor Shares Expertise in Israel

By Alyssa LaRenzie

Though Leslie Hendeles, Pharm.D., had visited Israel three times before, this was his first time living there on an extended stay. Almost every evening, he set out from his Jerusalem apartment, walking down a different path with his wife to choose a restaurant for dinner. Far from home, Hendeles had also set out on a different path in his career.

Time off for research or writing is common for professors taking a sabbatical, but Hendeles took time off to teach.

Hendeles, a professor of pharmacy and pediatrics, took a break from a group of about 1,200 Doctor of Pharmacy students at UF to teach the eight students who make up Israel's first Pharm.D. class at the Hebrew University.

Though the Pharm.D. degree has become the standard to practice pharmacy in the United States, most pharmacists in Israel hold a bachelor's degree in pharmacy. At UF, most students take two years of undergraduate classes before entering a four-year Pharm.D. program. The new program at Hebrew University involves a four-year bachelor's degree followed by a three-year Pharm.D. program that also includes a research project.

The Pharm.D. program was designed to give students the opportunity to be better clinical pharmacists — those who work in hospitals and clinics alongside physicians.

Invited to teach for the full spring semester, Hendeles decided to stay two months so he wouldn't miss too much time from the Asthma Lab at UF. His classes focused on his specialties: drugs for asthma and allergies.

He taught for the degree program's first class, which included five Jews and three Arabs.



“Arab students and Jewish students were collaborative — working together and helping each other in the midst of rockets being fired in the Gaza strip.”

patients to take home. Because many children didn't have these at home or know when to use them, several children were admitted to the hospital for asthma attacks, which can likely be avoided with a few steps.

Based on written instructions for identifying and diagnosing asthma patients used in Gainesville and on the Web, a pediatric health educator wrote similar instructions in Hebrew for the hospital in Jerusalem with the help of Hendeles and the chief of pediatrics.

Though Hadassah has some advanced technologies that Shands doesn't yet have, Hendeles said his experience with the pharmacy at the hospital in Jerusalem gave him a new admiration for how pharmacy is practiced in hospitals in the U.S.

“In the time that I've become a pharmacist, we have come so far,” he said. “What I've realized is how much more pharmacists are involved in improving the use of drugs in patients in this country and at this health center and in our state.”



Evaluating Consumer Medical Information

By Laura Mize

Next time you pick up a prescription, take a look at the pamphlet of information the pharmacist hands you with your medication. Is it easy to understand? How big is the font? Can you distinguish the really important information from the less essential? All these factors affect the quality and accessibility of the instructions and other information consumers need to safely take their prescription medicines.

And, according to Carole Kimberlin, Ph.D., and Almut Winterstein, Ph.D., much of this information is not presented the way the FDA says it should be.

The FDA does not have regulatory authority over such information, so it varies from one pharmacy to the next — even for the same medications. The information comes from private companies who collect and format the data for pharmacies to distribute.

“In the late '90s, the FDA was on the verge of implementing regulations that they had generated (about) content and the format of consumer medication information that was given to patients when they got prescriptions filled,” Kimberlin said. “Congress stopped that regulation from going into effect and said that they would leave it to the private-sector efforts but charge the FDA with evaluating how well the private sector was doing.”

In 2001, the FDA funded a study by University of Wisconsin researchers that sent trained shoppers to pharmacies across the country to fill prescriptions for predetermined medications. Pamphlets of information handed out with the drugs were then evaluated by a group of experts according to FDA standards for things such as the comprehensiveness of the information and its format. Non-experts also evaluated the documents for consumer usefulness.

Kimberlin and Winterstein conducted the study again in 2008, also with FDA funding, and compared their results with the previous ones. The researchers presented their findings last February at a public hearing before the FDA's Risk Communication Advisory Committee.

“What we found was that there was more content, more pieces of information included in most of the information leaflets that were given to patients,” said Kimberlin, “but that the formatting, the reading level, the font size, how easy it is to read in terms of the spacing between lines — all of the formatting that would make it more readable and interpretable did not improve at all.”

Even with the general increase in the presented information, some pamphlets did not include all the vital information recommended by the FDA.

In addition, Winterstein said the increase in information included doesn't mean it is useful to patients or easily understood, and it may actually hinder comprehension in the long run. For some patients, she emphasized, knowing how to properly use their medications can be a matter of life or death.

“I think this is more a philosophical issue of how much do you want the government to regulate certain things?” Winterstein said. “A private company will only put as much effort financially into this as requested or required. I mean some of these leaflets are really bad, to say the least.”

She said she hopes the research will prompt policy change on the issue.

“The reality is our research shows that after this has been in the private domain for a decade now, it really is not up to what is needed,” she said. “So from that perspective, I think the FDA has a good chance right now that people will agree that having a more prescriptive system would probably be better.”



Dean's Circle

*This report reflects donations made
Dec. 1, 2008–Jun. 30, 2009.*

The Dean's Circle recognizes alumni and friends like you who support the college with an annual gift of \$500 or more to the Academy for Excellence. This fund provides the college the flexibility to provide leadership opportunities for students and faculty and to develop new educational initiatives. Your continued support allows us to compete for top rankings and strive to become the No. 1 college of pharmacy.

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JOIN THE CIRCLE

The Dean's Circle dinner is an evening of recognition for those who have supported the college with an annual gift of \$500 or more. This year, Professor Paul Doering shared his innovative teaching experiences with the dean's honored guests. Pharmacy students described what they are learning, and talked about ways in which they hope to help patients and impact pharmacy tomorrow. The support of the Dean's Circle helps the college provide vital leadership opportunities for students and faculty, and develop new programs and educational initiatives. Continued support from friends and alumni enables us to strengthen our learning environment to produce world-class graduates today. Visit www.cop.ufl.edu/alumni/giving.htm

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We do apologize for any oversight and want to assure you it was unintentional.

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DEAN'S CIRCLE DINNER



L-R: Judy Riffie, Shannon and Glen Casebeer, Wendy and Gil Weise

PHOTOS BY LINDA HOMEWOOD

THERE IS A RIGHT TIME

Laurie DuBow expressed gratitude for his pharmacy career in Florida and wanted to support graduate education at UF College of Pharmacy. His challenge was clear:

“If you are going to wait for the ideal time to give back to the College of Pharmacy, it will never happen. But there is a right time, and that time is now.”

We are sharing the stories of two alumni, Bill McClintock ('70) and Richard Neal ('99), who have stepped forward this year to support pharmacy education. Each chose his own way, but both agreed with Laurie that the right time is now.



Laurie DuBow

JEFF KNIE

IF NOT ME, THEN WHO?

Over the past year, the national economy has presented every sector of our lives with unique challenges. Yet, it is those challenges that make us strong and brings out the best in our abilities to adapt and overcome. Through perseverance and reflection, it even may provide a platform for growth. The college has met these challenges, and has emerged a stronger institution ready to meet the needs of the profession with a renewed energy.

Helping us through challenging times have been alumni and friends, who not only asked the question above — they answered it as well. Friends like Frank Duckworth, Ravi Chandran, Allen Spiegel, Carl Allison, Ron Brenner, Barbara Massey Rogers, Jack Eckerd, and others who shared this philosophy of individual responsibility. They each saw a need in the college and discovered an opportunity to invest in the future of the pharmacy.

IF NOT NOW, THEN WHEN?

As we go through life, we realize that certain people, events and places have been special and inspirational to us. Whether it is a church, a school or a charity, a time comes in each of our lives when we give back to those who impacted our life and provided the platform for our individual growth and success.

Should you be interested in taking Laurie's challenge, you can join these alumni and friends who are helping the college change Pharmacy Tomorrow. Planned giving vehicles, or cash gift pledges over a period of time, are examples that others have chosen. However, there are many options available that allow you to accomplish your financial planning goals while supporting pharmacy education.

We are happy to talk with you on an individual basis, or you can visit our Web site www.cop.ufl.edu/alumni/giving.htm for further information. Whatever your desire, may you continue to ask the questions — *“If not me, then who, if not now, then when?”* — and, may your answer bring you joy and fulfillment.

— Kelly Markey, Sr. Dir of Development & Alumni Affairs
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RICHARD NEAL

Publix Pharmacist

Richard's Story

Richard graduated from high school 20 miles from UF in the small town of Williston, Fla. His mother's family had several generations of pharmacists, and his father was a heavy equipment mechanic who ran his own business for 30 years. After getting an AS degree, Richard worked for nine years in electronics.

Grandma Always Said

His grandmother “kept after me” to go back to school, he said. So while working, he continued taking classes for several years. Richard recalled his grandma as a strict, hard-working woman, who always pushed him to complete his education — and who always ended a lecture with a big reassuring hug. It was her persistence that got him into pharmacy education 10 years after high school.

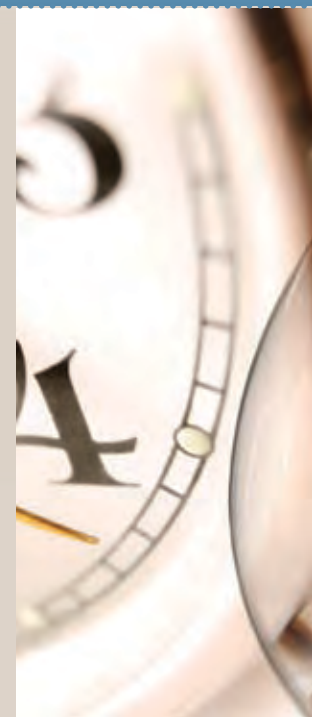
“I remember there wasn't a day that she didn't encourage me,” Richard said. “Right before she passed away I told her I was going to finish my degree, so I had no choice but to do it.”

The Neal Family Scholarship

Establishing the \$100,000 Neal Family Scholarship in honor of his grandmother, Richard said that it was also a tribute to his father, who passed away just this year. His father was sociable and liked talking with customers. Now, he credits his dad's trait for his own patient-care skills. It was his entire

family's support and encouragement that made him think about providing similar support to deserving pharmacy students.

“My father was the one that paid for everything and made sure we had what we needed. I was the only one of the Neal side of the family to go to college,” Richard said.





Pharmacy Education

After earning his AA degree, Richard took stock of his education and family influences, including his experience working in his uncle's pharmacy when he was 18, and decided on the UF College of Pharmacy.

"That was the first year you could opt for the Pharm.D. degree, so I decided to get that instead of the bachelor's of pharmacy," he said.

As a student, Richard said he really connected with professors Paul Doering and Tom Munyer. Many students thought Munyer was hard, he confided, but he understood what his professor expected, followed directions and had no problem. Their pharmacotherapy class, and also Dr. Araujo's classes were some of the best classes he took, Richard said.

After graduation, Richard began his career working for Eckerds. A few years later, he joined Publix Pharmacy, saying that it's one of the best jobs he's had. Working as a pharmacist there for the past seven years, he likes seeing patients when they return for grocery shopping.

"You see patients often in the store, just shopping. Even though they are not getting prescriptions, I like to say hello," Richard said. "That is different than working in a pharmacy where you might only see them when they need medicines."

Richard met his wife in community college, where he offered to tutor her in chemistry. They married during his last year of pharmacy school, and now have two children.

...THAT TIME IS NOW

BILL McCLINTOCK

MedDispense President & CEO



A Charitable Trust

Although he's a registered pharmacist in three states, Bill McClintock didn't follow the typical pharmacist career path. Entrepreneurship, years of work, and an interest in using technology to improve hospital pharmacy management, netted him a multimillion-dollar business. Bill visited our college this spring to hear our Target Leadership speaker, FDA Chief of Staff Susan C. Winckler, R.Ph. We met with him and asked if he would share his story with our Gatorx readers.

This year, following the sale of his Atlanta-based company, medDISPENSE, Bill set up a charitable trust for the college through a \$100,000 gift to the Academy of Excellence. His support will assist deserving pharmacy students by providing funds for professional meetings and educational events.

UF pharmacy professors Oscar Araujo and Gene Gramling influenced him during his UF years, Bill said, and added that he was proud of his fraternity Rho Pi Phi, where he served as president during his senior year.

"My UF Pharmacy experience taught me how to work hard, and gave me the tools to be successful as a professional," Bill said. I then used them to learn management. It has helped me immensely over the years."

Bill's Story

Bill was drafted after his graduation in 1970. He served two years in the army as a hospital pharmacist at William Beaumont General Hospital in El Paso, TX. After completing his military service, Bill built on his experience and joined Owen Health Care, the largest hospital pharmacy management company in the United States.

A regional vice president, based in Atlanta, Bill was responsible for the pharmacy operations of 100 hospitals in the southeast region. His 25 years at Owen taught him business management and a rising technology — automated dispensing cabinets. His region led the company in automation as he encouraged Owen to use this technology in its hospitals.

From Manager to Entrepreneur

In 1999, Bill became president of medDISPENSE, a company that sells automated medication dispensing cabinets. By January 2001, Bill and a partner purchased the company from Health Care Systems, Inc. Three years later, he became the sole owner. Today, it has grown from 35 to 800+ healthcare facilities, and revenues exceeded \$14 million. Bill sees his future as a consultant and hopes to have more time for golf and tennis. He continues to serve as president through the transition.

Bill also has taken courses toward an MBA, and executive courses in management from institutions like Rice University. He has served on the college's national advisory board, and numerous pharmacy organizations.

Bill, and his wife of 21 years, Melinda have four children — one still in school. They have six grandchildren, and enjoy family time vacationing in Florida, and skiing.

SCHOLARSHIP, HONORS & RESEARCH

SCHOLARSHIP

Publications & Invited Presentations

Department	Refereed	Non-refereed	Books	Abstracts	In Press	Presentations
Medicinal Chemistry	17	2	1	15	5	8
Pharmaceutical Outcomes & Policy	23	23	1	25	4	23
Pharmaceutics	29	0	2	6	1	33
Pharmacodynamics	25	0	2	29	8	9
Pharmacotherapy & Translational Research	55	9	12	28	28	61
TOTAL	149	34	18	103	46	134



Butterweck



Cooper-Dehoff



Derendorf



Doering



Doty



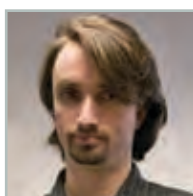
Gause



Gums



Haskell-Luevano



Luesch



Liu



Smith



Song

FACULTY HONORS

VERONIKA BUTTERWECK, PH.D.

Sebastian Kneipp Award, Phytotherapy Research, Germany

RHONDA COOPER-DEHOFF, PHARM.D.

2008 Clinical Science Award; The Consortium for Southeastern Hypertension Control, 15th Annual National Scientific Sessions

HARTMUT DERENDORF, PH.D.

2008 Howard Hughes Medical Institute, Distinguished Mentor

PAUL DOERING, M.S.

Faculty Recognition Award, 2009

RANDALL DOTY, PHARM.D.

AACP Distinguished Service Award

GERALD GAUSE, PH.D.

2008–2009 UF College of Pharmacy Teacher of the Year

JOHN GUMS, PHARM.D.

UF College of Medicine Exemplary Teacher Award 2008–2009

CARRIE HASKELL-LUEVANO, PH.D.

Inducted into the Gordon Research Conferences Chair "Hall of Fame" 2009

HENDRIK LUESCH, PH.D.

Jack Wessel Excellence Award for Assistant Professors

BIN LIU, PH.D.

2009 Howard Hughes Medical Institute Distinguished Mentor Award

W. THOMAS SMITH, PHARM.D., J.D.

Marqui's Who's Who in Medicine and Healthcare

SIHONG SONG, PH.D.

2008 Global Arthritis Research Network award
2009–2011 University of Florida Research Foundation Professorship Award

Funding by Department

Medicinal Chemistry	2,333,801	26.5%
Pharmaceutical Outcomes & Policy	716,193	8.1%
Pharmaceutics	1,297,192	14.7%
Pharmacodynamics	1,695,696	19.3%
Pharmacotherapy & Translational Research	2,764,620	31.4%
COLLEGE TOTAL	8,807,502	100%

Funding by Category

Federal Agencies	39	\$7,325,900
Florida State Agencies	6	\$239,838
Corporate Awards	37	\$1,000,179
Foundations & Societies	17	\$357,625
Other	5	\$39,260
Total	104	\$8,962,802

Federal Agencies

AHCA	1	\$710,193
NIH	35	\$6,519,582
U.S. Army	3	\$96,125
TOTAL	39	\$7,325,900

FL State Agencies

Dept. of Citrus	2	\$80,000
Dept. of Health	4	\$159,838
TOTAL	6	\$239,838

Other

Miscellaneous Donors	2	\$21,978
Multiple Sponsors	3	\$17,282
TOTAL	5	\$39,260

Patent Activity

Department/ Center	Apps. Filed	Patents Issued
Medicinal Chemistry	15	1
PTR/Center of Pharmacogenomics	3	0
TOTAL	18	1

Corporate Awards

Alcon Research	1	\$70,000
Alnara Pharmaceuticals	2	\$4,541
Altus Pharmaceuticals	4	\$23,160
American Home Products	1	\$13,513
Finzelberg GMBH & Co. KG	1	\$37,000
Genentech, Inc.	1	\$4,375
Glaxo Smith Kline, Inc.	4	\$106,000
Golin-Harris Int'l., Inc.	1	\$5,000
IVAX Corporation	1	\$26,965
Johnson & Johnson	5	\$240,590
Kasima Medical Dev AB	1	\$22,446
Max Zeller Sohne	1	\$35,000
Merck Selbstmedikation GMBH	1	\$35,000
Micromedic Technologies	1	\$15,500
OsmoPharm USA	1	\$10,000
Pascoe GMBH	2	\$4,973
Pfizer, Inc.	1	\$100,000
Qualia Clinical Services	1	\$10,000
SkyePharma	4	\$33,586
Steigerwald Arzneimittelwerk	2	\$39,855
Trius Therapeutics	1	\$162,675
TOTAL	37	\$1,000,179

Awards from Foundations & Societies

Alpha One Foundation	1	\$56,936
Am Assoc Univ. Women	2	\$20,000
Am. Foundation for Pharmaceutical Edu.	1	\$6,000
Am. Heart Association - FL	2	\$170,500
Nemours Children's Clinic	5	\$22,168
Shands Teaching Hospital	1	\$59,176
UF Foundation	4	\$3,008
U.S.-Israel Binational Science Fdn.	1	\$19,837
TOTAL	17	\$357,625



The Journey from Classroom to Practice

By Shannon Zandy

The ability of healthcare providers to impact our patients lies in more than just medical advice. To think that pharmacists are only responsible for dispensing medications is a thought of the past. As students, we have heard this statement throughout our pharmacy education.

I began thinking back on my own four years at the College of Pharmacy. While sometimes the path proved difficult, I will graduate with the knowledge, experience, and relationships built throughout our excellent program. Once, Professor Paul Doering asked me how I was doing after class. This wasn't just a cordial question; it had countless meanings that did not need to be said aloud. These principles, or "clinical intuition," are shown within our curriculum. So when students want to know what a "Distinguished Service Professor" is, that's my best understanding. And, that is the direction of pharmacy as taught at University of Florida – to have a connection with our patients where medications aren't just managed, but healthcare is established.

Clinical rotations are the time to merge what is in our books with what we love to do, take care of patients. Those "aha!" moments are becoming less frequent, and more common practice. At the end of these four years, we are all equipped to deliver excellent patient care.

Throughout my own education, I have been supported by the Charlotte Liberty and Jack Eckerd endowments through

the College of Pharmacy. Many of my fellow students also have had support through scholarships and alumni donations. The generosity of our faculty and alumni make it possible for students to graduate knowing we can be just as great as those who mentored us. It is important to keep this tradition throughout our own careers. Do well, take care of patients, and take care of future pharmacists.

The Class of 2010 Giving Challenge is the first step in a career commitment. To make a promise, to remember where you are coming from even before you leave, is such a small idea with a great impact.

My advice to incoming students is simple – take every opportunity you can to learn, practice, and grow throughout the next four years. The faculty, alumni, and colleagues you meet every day are your lifetime network. Not just your career network, more importantly, your support network. When you are about to graduate, remember every detail, good or bad, and give back what you can. To help future students, research, and the UF College of Pharmacy, is one of the most valuable investments to make for the future of pharmacy.



The Class of 2009 presents a "giving back" check for \$8,377 raised through the Class Giving Challenge. The funds will support student leadership activities for future students.

Celebrating American Pharmacists Month

Tom Munyer, M.S., APhA-ASP student adviser and a clinical associate professor in the UF College of Pharmacy, accompanies pharmacy students (from left) Sebrina Chan, Megan Kloet and Crystal Mason, who met Mayor Pegeen Hanrahan at Gainesville City Hall in preparation for her visit to the college to proclaim October as American Pharmacists Month.

Each October, American Pharmacists Month highlights pharmacists in all practice settings for their contributions to health care and commitment to patient care. As part of the 2009 celebration, the American Pharmacists Association-Academy of Student Pharmacists at UF invited Mayor Hanrahan to the college to issue a proclamation and share a few personal words about the impact of pharmacy on her family and the Gainesville community. More than 75 Pharm.D. students enjoyed lunch with the mayor during the celebration.

SARAH NEWELL/UF HSC NEWS



The Great Gator Health Fest



The UF Academy of Student Pharmacists in Nov. brought the Great Gator Health Fest booths to football fans headed to the swamp. Sponsors provided free sunscreen, water and first aid kits. Walgreens even gave out tissue packets (probably to share with FIU fans after the 62-3 Gator win). STUDENTS: Top: Rebecca Freese and Julie Pham Bottom: Alexia Leal, Viren Patel and Gloria Colte

HEAD OF THEIR CLASS

Outstanding Pharmacy Awards

At the college's 2009 Spring Commencement ceremony, three outstanding leaders in pharmacy were recognized.

Carl Allison ('76)

Commencement Speaker &

Outstanding Pharmacy Alumnus Award

After 10 years as a chain pharmacy manager, Allison opened Baya Pharmacy in Lake City, Fla. His business has grown into three pharmacies, including home health care. He is the founding member of the Impaired Pharmacist Recovery Network and of the UF Institute of Pharmacy Entrepreneurs. Allison serves on the college's National Advisory Board and the McKesson Drugs National Independent Advisory Board.



Jim Springer

Outstanding Pharmacy Service Award

Presented to a non-alumnus who has made significant contributions to the college and the profession, Springer received a bachelor's in business administration at Indiana University and has 43 years experience in the health care industry. A vice president in McKesson Corporation, he has served on the college's National Advisory Board since 1993, led the development of the UF Institute for Pharmacy Entrepreneurship, and initiated the McKesson Fellowship for nontraditional UF Pharm.D.



Gary Cacciatore ('88)

Outstanding Pharmacy Alumnus Award

Cacciatore received a Pharm.D. degree from UF, and a law degree from the University of Houston Law Center — both with high honors. He is a member of the Texas Bar, and a registered pharmacist in three states. He serves as a vice president of regulatory affairs and associate chief regulatory counsel for Cardinal Health, Inc. Well-published in pharmacy law, Cacciatore is an adjunct associate professor at the University of Houston Law Center, and an affiliate associate professor with UF's College of Pharmacy.





Targeting Student Leaders

Thanks to a grant from Target, pharmacy students have gained from a variety of experiences this fall designed to build leadership qualities. The \$50,000 grant has provided needed funds for student scholarships, a student organization annual retreat, and Mortar and Pestle recognition awards.

At the “So You Want to be a Success” dinner, hosted by Phi Lambda Sigma, students gained insights about honing successful management skills. Target representatives discussed resume writing, interviewing, and interpersonal communication strategies that students need to excel in business and pharmacy careers.

In September, the 2009-10 Target Speaker Series got underway with StrengthsQuest, where third-year pharmacy students learned odd new terms like WOO, Ideation, Command, and others. Mark Pogue, presented the program designed to help students identify their own strengths in academics, careers and working relationships.

Every student was given an opportunity to take a 30-minute online test and in return was provided with their top-5 strengths. Woo, or ‘Wins Others Over’ describes those who love the challenge of winning others over and making connections. Ideation describes those who are fascinated by new ideas and creating them, and Command people enjoy taking control and making decisions, Pogue said. There are 34 possible themes that may describe the student’s unique strengths.

Presented at each campus, the StrengthsQuest seminars investigated these strengths. Pogue used student participation activities, which the WOOS loved, while the Commands simply wanted to take charge and direct.

Pogue, who has presented at dozens of universities, noted an unusually high number of UF students who had ‘Discipline’ among their Top-5 strengths—a good quality for future pharmacists.

In November UF Athletic Director Jeremy Foley shared his inspirational story of leadership lessons he learned during his 33-year career from ticket office intern to director of UF’s winning athletic programs. It starts with honesty and integrity, Foley told students, “You better have it in whatever you do in life.” He gave examples of qualities that make the best leaders. The most important, he said, “Learn how to treat people right.”

“Honesty and integrity: you better have it in whatever you do in life.”

— JEREMY FOLEY



Jeremy Foley, UF athletic director and Colleen Ficco, Target campus recruiter.



LINDA HOMEWOOD

“Way to Go, Mom!”

Jessica Cotes’ family had reason to cheer: Mother, Luby Bojorge, husband, Julio Cotes with the couple’s daughter, Cassandra, 11 months, and sister Maria Jose Contreras all celebrated as Jessica received her doctor of pharmacy degree along with nearly 300 classmates at UF commencement services on May 1. Jessica commuted from the family’s home in Miami to attend the UF College of Pharmacy St. Petersburg distance campus. Cotes’ great-grandmother made a matching cap and gown for the baby, who was born in her mother’s final year of pharmacy school.

Scholarships

Oscar Araujo Alumni Scholarship

Financial need, first professional year: **Robert Bushey, Cindy Cordero, Alicia Minch, Mikka Summerton, Aaron Wolff, Brenda Breslin-Assarello, Matthew Strods**

Biotechnology Education Scholarship

Supports students interested in Biotechnology; taken PHA5172 in prior year or currently; GPA 3.0 or higher; essay; demonstrated financial need: **Megan Okafor**

Russ & Carol Blaser Memorial

Married with children, GPA 3.4 or higher, most financial need: **Kelly MacDougall, Lauren Epstein, Starr-Maree Bedy**

Valerie Calkin Griffith Scholarship

Supports pharmacy student: **Nerissa Alday**

Dolph Cone-Sandy Prickett Scholarship

Supports scholarships to pharmacy students who graduated from a Florida public educational institution: **Jose Puentes**

CVS/pharmacy Scholarship
3PD/4PD, good academic standing and an interest in a career in community pharmacy practice:

Ana Degado, Lauren Epstein-Carter, Stephanie Sy, Amy Landau, Felicia Malcolm

Laura and Philip Dean Scholarship

Good academic standing; married student: **Gina Seitz**

DeSantis Scholarship

Two students in final two years, good academic standing and financial need: **William Robertson, Nathen Unger**

Elizabeth Eaton Award

Recognizes excellence in searching, evaluating and applying evidence in clinical decision making and quality improvement: **Crystal Willis**

Institute for Pharmacy Entrepreneurs Scholarship

Awarded to a 3PD or 4PD who has an interest in ownership:

Susan Norman, Samantha Lewis

Jack and Betty Jones Scholarship

Support scholarship awards to UF College of Pharmacy students active in Christian Pharmacy Fellowship, ASP/APhA or ASHP, in good academic standing with a GPA > 3.0, and demonstrates financial need; with preference for non-traditionally aged student: **Ana Marquez**

Kazarian Family Scholarship

Good academic standing; financial need: **Lana Kracarusic**

MedCo Scholarship

4PD in good academic standing:

Luz Mendez, Karina Cieri, Starr-Maree Bedy, Jessica Enogieru, Ryan Rodriguez, Tran Bui, Nanni Jaber, Ogechuku Umerah, Mercedes Bertot

Al and Belle Meyerson Scholarship

Broward County resident, academic performance, financial need: **Julie Ann Justo**

Victor Micolucci Scholarship

Financial need, academic standing and lack of parental financial support: **Erica Shannon**

William T. and Jackie C. Reid Scholarship in Pharmacy

Financial need and academic excellence: **Erica Fernandez**

The Newarkyn Richards Memorial Scholarship

To support a WPPD student who has lived in the Caribbean and whose intent is to impact pharmacy in that region:

Maria Barnes, Bevon James Matthias, Marlene Andrea Taylor, Arlene Thorbourne, Corretta Sinclair, Adesupo Oke Osunbade

Jeanne Scheibler Scholarship

Supports scholarships for needy students in the College of Pharmacy; to be used for tuition, books, room, and board for students in need of financial assistance and who demonstrate the academic ability and determination to earn a Pharmacy degree: **Lana Kravarusic, Jennifer Anderson, Marion Gabler, Lyndsey Rowland, Rebecca Rosen**

Target Leadership Scholarship

2PD/3PD/4PD; Applicant must be in good academic standing and have experience or an interest in a career in retail pharmacy practice; Demonstrated leadership qualities; Students who are active in professional and community organizations: **2010 to be named**

Francene Trainor Memorial Fund

Reward outstanding student leader with professional development funds to attend a meeting – patient counseling related: **Nerissa Alday**

Walgreens Company Scholarship

Essay and academic performance in pharmacy administration coursework: **Melissa Chen, Grazia Nuccitelli, Nicolette Mathey, Irene Cho**

Wal-Mart Scholarship

Student, 3 or 4PD with high scholastic standing, financial need, strong leadership qualities, desire to enter community pharmacy practice and has experience in community pharmacy. Applicant must submit a letter describing his/her experience in a community pharmacy setting: **2010 to be named**

Yachbes Family Scholarship

3 or 4PD student with high scholastic standing, financial need, strong leadership qualities; desire to enter community pharmacy practice, experience in community pharmacy: **Sumaiyi Khan**

“THANK YOU!”

To all alumni who contributed to the many scholarships awarded to pharmacy students:



“Your generosity reveals the passion you share for continued excellence at the college. I can only hope to make your commitment to

my education a success by graduating and responding in kind. I hope to “pay-it-forward” to the profession and future pharmacists.”

— Robert Bushey, Pharm.D. candidate
St. Petersburg campus

“The Oscar Araujo scholarship has provided support and encouragement for me and my family. I hope to make the pharmacy profession proud, epitomizing the values the UF College of Pharmacy stands for and its highly regarded reputation.”

— Aaron Wolff, Pharm.D. candidate
Gainesville campus



FPA Foundation Scholarships

The Florida Pharmacy Foundation supports pharmacy students in Florida as part of its efforts to help improve public health. Congratulations to our UF pharmacy students awarded a total of \$4,500 this year, who successfully competed for six of the 11 scholarships offered through the FPA foundation.

1-800 PetMeds: Derrick Benton, Jacqueline Tower, Daniell Pierini

Akerman Senterfitt Pharmacy Law Dept.: Rebecca Rosenwasser

Recovering Pharmacists of Florida: Boanh Tran

Walgreens: Robert Bushey



Pharmacy Gator Nation: How to Make a Winning Team

Dear Alumni and Friends,

The Dean's National Advisory Board members, hoping to build a strong UF pharmacy team, share their thoughts on how they are working to make the UF College of Pharmacy a National Champion of pharmacy schools.

I am honored that Dean Riffie has put his trust in me to serve the college as the incoming National Advisory Board chairman. I truly believe that the quality of education provided by the college is among the best in the nation. I served two years in the U.S. Marine Corps, and earned a bachelor's in pharmacy from North Dakota State University in 1978. Although, I'm not an alumnus of the University of Florida, I am the proud parent of four UF graduates, with a daughter currently enrolled in the College of Pharmacy. As a family, we have every reason to help support and sustain the college for the future of the pharmacy profession.



Jake Beckel
National Advisory Board Chairman

During my tenure in the next three years, I hope to strengthen the pharmacy Gator Nation by advocating for the college and its initiatives. My vision is to see the creation of a Business and Entrepreneurial Professorship, and to help build

the Academic and Research Center at Medical City in Lake Nona, Fla. As an owner of varied businesses — retail, compounding, and nuclear pharmacy — I understand the importance of exposure to sound business principles.

The Center in Lake Nona, which will house the Comprehensive Drug Development Center, a Ph.D. program, the college's Orlando campus and 15 biomedical laboratories, is the platform for excellence that will allow the college to lead nationally in biomedical research.

I look forward to working with our friends and partners to make these initiatives a reality. Semper Fi, Pharmacy Gator Nation!



Michael MacLeay
UF Pharmacy Campaign Co-Chair

As co-chair of the UF College of Pharmacy Florida Tomorrow campaign, I want to thank you for supporting the No. 9 ranked pharmacy school in the nation. My campaign counterpart, Harold O'Steen, and I are proud to support the college with Reunion Challenge Matching Money that helped to raise a total of \$17,210 this year. Special thanks go to the class of 1984, who made the highest contribution toward our reunion goal.

I heard an interesting statistic that I want to share with you. Did you know that fewer than 10% of our alumni support the college annually? Is 100 percent teamwork only a dream? Just think: If even HALF of the alumni made a \$1,000 gift this year, we could create an endowment of more than \$4 million! What's more — that gift could be eligible for a 100% match by the state. Working as one team, our efforts would double to provide \$8 million to our alma mater. That is the power of teamwork!

Our contributions together would earn a sizeable return on our investment in education.

My wife, Robin, and I are proud that we were able to make a commitment this year to the college and we hope this is just the start. I hope you read the stories on pages 16-17, and ask yourself if now is the time for you to make a difference for future generations of pharmacists. Whether you give with your time, energy or finances, the college and the profession will benefit from your leadership and generosity.

An Entrepreneurial Pharmacy Family

Richard and Lisa Lawrence left their hometown, Fort Myers, Fla. in 2003 to study pharmacy at the University of Florida, with daughter Cassidy, age 1, in tow. Their lives had taken a new turn from Edison College where they each were taking pre-med courses. After their UF graduation in 2007, the couple returned to Fort Myers, with doctor of pharmacy degrees and the addition of a baby brother — Blake.



Richard & Lisa Lawrence at their coating ceremony in 2004 with Cassidy.

"We have great memories at UF; our class watched our kids grow over those four years," Richard said, "It was like a big extended family."

But, something else began to emerge during the Lawrences' second year at UF. Rich saw an opportunity to start a family business back home. A pharmacist and long-time family friend, Ross Webb (UF '67), was ready to sell his neighborhood prescription center and finally retire.

Richard enjoyed working for Webb in high school, making prescription deliveries to patients in the area. It was his work at the pharmacy that made Richard later reconsider becoming a pharmacist rather than the long years of study to become a doctor. It was clear to Richard; he asked Webb, who was like an uncle, if he could keep the business two more years until graduation so that he could assume ownership.

Webb agreed. Suddenly, Richard knew he would need more than a pharmacist's education. He needed to learn something about running a business — and how to buy one.

Enter George Browning, and other pharmacists like Theresa Tolle, and Mark Hobbs, who wanted to know how the college could do a better job preparing young pharmacists for independent ownership. The Institute for Pharmacy Entrepreneurs, was a new weekend networking workshop created by pharmacy educators, bringing in business experts, financial planners, and seasoned pharmacy owners.

Richard signed up. It was a great opportunity to learn the right questions to ask, and to begin to formulate a business plan, he said.

"Most of my classmates took jobs with chain pharmacies when they graduated," Richard said. "I was surprised that very

few ever thought about starting their own business."

Richard enjoyed the IPE workshop, which gave him access to many experts, and also hands-on experience in business planning and buy-sell negotiations. It would be valuable for future students to have this business-side of pharmacy training, he said.

George Browning, a pharmacy owner for nearly 50 years, agrees and hopes that together, he and other community pharmacists can create a professorship for pharmacy entrepreneurs.

"As a proud Florida pharmacist, I am determined to see community pharmacy ownership thrive in the profession and the state," Browning said. "Establishing a Business and Entrepreneurial Professorship at the college will create a legacy that will benefit future generations of pharmacists who come through the University of Florida."

In keeping with Browning's vision, The Fort Myers Prescription Center, handed down through community pharmacists for more than 30 years, is still going strong under Richard. Business is going so well, in fact, that the Lawrences are considering the idea that it may be time to open another store...for Lisa. Meanwhile, Ross Webb, retired pharmacist, who spends his days sailing — couldn't be happier.



Ross Webb (UF '67), retired pharmacist and former owner, stops by to visit new owner, Richard Lawrence

SHARE OUR VISION Pharmacy Business & Entrepreneurship

The UF College of Pharmacy has a vision to elevate and transform pharmacy business and entrepreneurship in the state, and beyond, by bringing business ownership theory and hands-on practice opportunities to its 1,300 student pharmacists.

The first step in achieving this vision is to establish a fully funded professor in Business and Entrepreneurship, within the College of Pharmacy that holds a joint appointment in the UF Warrington College of Business. This faculty will provide a conduit to engage and encourage business ownership, explore entrepreneurial opportunities and provide business knowledge to thousands of students who pass through our college portal.

An experienced pharmacy/business mentor can help prepare students who have an interest in becoming an active community pharmacist, business owner, and leader in the ever-changing health-care arena.

Please contact Kelly Markey, markey@cop.ufl.edu or 352-273-6605, if you would like more information on our vision to create a Professorship in Business and Entrepreneurship today.



George Browning (UF '53) has enjoyed 47 years of pharmacy ownership.

THE YOUNG GUARD

Outstanding Young Alumni

The Outstanding Young Alumni Award honors UF alumni, age 35 and younger, who have excelled in their professions and communities. The University of Florida Alumni Association recognized 31 Outstanding Young Alumni in April at Emerson Alumni Hall, including these two pharmacy alumni.



Katherine Vogel Anderson, Pharm.D., a clinical pharmacy specialist in the geriatric primary care clinic at the Malcom Randall VA Medical Center, received her doctorate of pharmacy in 2003 from UF. Katie mentors pharmacy clerkship students at the VA, and serves as a clinical faculty teaching pharmacy students. She is president of the local chapter of the Florida Society of Health System Pharmacists, and serves on the FSHP education council. She is also an adjunct faculty for the Santa Fe College Health Information Management program.



Sriram Krishnaswami, Ph.D., received a Ph.D. in 2001 from UF, working under mentorship from Hartmut Derendorf, Ph.D. in pharmaceuticals. After graduation, Sriram joined the pharmacokinetics division of Aventis as a research scientist where he worked on the implementation of pharmacokinetics and pharmacodynamics into drug development. He later joined Pfizer's clinical pharmacology department in

Ann Arbor, Michigan. "Sriram is a gifted scientist with great mathematical modeling skills, highly regarded by his peers," Derendorf said.

Calling All Pharmacy Distance Campus ALUMNI

The UF College of Pharmacy Jacksonville, Orlando, and St. Petersburg campuses are making plans now for Summer 2010 to host their first-ever Alumni Reunion & CE. Mark your calendars now so you can make plans to attend your first campus reunion! Each campus is planning an event that will include a dinner on Friday night, CE on Saturday morning, and socializing on Saturday afternoon. Interested? Just save the date of your campus event listed below, and be sure to send your up-to-date address and e-mail to the contact organizer for your campus.

JACKSONVILLE CAMPUS

June 4 & 5, 2010

Contact Melissa Hanbery
hanbery@cop.ufl.edu

ORLANDO CAMPUS

June 11 & 12, 2010

Contact Tracy Stuck
stuck@cop.ufl.edu

ST. PETE CAMPUS

June 25 & 26, 2010

Contact Kristi James
kjames@cop.ufl.edu

Exceptional Leaders

Believe in Helping Student Pharmacists



LINDA HOMEWOOD

Katherine Vogel Anderson, '03, and **Shawn Anderson, ('06)**, this fall established the Vogel Anderson Exceptional Leader Fund. The fund will award an annual \$1,000 scholarship to a third-year student in good academic standing, who is also active in the Florida Society of Health-System Pharmacists.

The couple work as clinical pharmacy specialists at the Malcom Randall Veterans Affairs Medical Center in Gainesville, Fla., and also serve as clinical assistant professors in the UF College of Pharmacy.

As recent graduates of less than six years, what motivated them? First, it was their appreciation of receiving scholarships when they each were student pharmacists, and second, it is their love of the profession now that they are building careers as pharmacists.

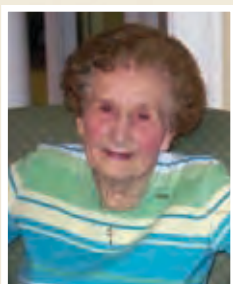
"We were inspired by the generous alumni who contributed to our education, so we'd like to give back to the college," Katie said. "We also want to encourage and reward students who are not only successful academically, but also understand the importance of being active in professional organizations such as FSHP."

GRAND GUARD PROFILE

One of the Girls of Old F-L-O-R-I-D-A

by Linda Homewood

It was 1937 when Regina Buzzett Misiaveg, 93, left her family home in Apalachicola, FL, to attend the University of Florida College of Pharmacy. The only girl in a family with six brothers, going to an all-boys school, did not seem unusual to her.



The few girls attending UF in those days stayed at a boarding house off campus on one floor where there were no boys, she said.

"We had to walk over for class. They wouldn't dare let the girls stay on campus," Regina said. "We were very sheltered. They are not as sheltered now, as we were back then."

Her father, William D. Buzzett, a pharmacist, owned a Rexall drugstore franchise in Apalachicola. He had one of the earliest pharmacist registration numbers in Florida, Regina said. Pharmacy was very much a part of the family's heritage, as four of the Buzzett children, including Regina, graduated from the UF College of Pharmacy.

Three of her brothers, John Joe (UF '39), Carroll (UF '45), and Gannon (UF '49) also became pharmacists, returning home to work in their father's pharmacy. During World War II, Carroll served in the Pacific at Guadalcanal, and Gannon in the Atlantic at the Battle of the Bulge. They attended UF pharmacy school on the GI Bill after the war.

Regina said she considered studying music in college, but her real love was chemistry and physics. Her oldest brother advised her against pharmacy school, saying that it was too hard.

"You really have to study hard in pharmacy school," Regina said. "Even back in those days, it was noted to be one of the hardest in the whole United States. It was basically looked at as a pre-med degree."

Not only did Regina go to UF College of Pharmacy, she graduated with the college's highest honor in the form of a gold medal; the Ramsaur award, proving her brother wrong again when taking her state board exams after graduation.

"Dr. Richards was the president of the State Pharmacy Board at that time, and he wired Daddy and congratulated him because I had the highest score," she said.

In 1942, Regina was in her last year of pharmacy school when World War II broke. She recalled an English professor's concern.

"It was something to be in an all-boys school when war was declared," Regina said. "Dr. Lyons pleaded with them to stay, because the boys got so excited; they were ready to leave school right then."

Regina was impressed with how large the college has grown today with each fall bringing 300 new admissions — 60 percent of them women.

"The professor looked at me the last day of class and said, 'Miss Buzzett, you are dismissed.' And halfway to my next class, I heard



the class just roar with laughter. He had gotten rid of the girl so he could tell them a joke," Regina said.

Regina shared memories of how pharmacy was taught in the 40s. Nicknames were common, so naturally, the boys called her "Buzzy" or "Reggie."

In pharmacognosy class, students had to identify basic chemicals, such as quinine, by sight or smell. She took samples back to her boarding room to study them.

"I spread them all out on my bed and then tried to see if I could identify them because it might be on a test," she explained.

At football games, there weren't many girls either. Even the cheerleaders were boys. She remembered the excitement of taking a train to Jacksonville for the Florida-Georgia game.

"Everyone dressed in suits, you couldn't look sloppy for the games", Regina said.

Regina and her husband, Charles Misiaveg, Sr., who worked in the furniture industry, met at her father's soda fountain. Working only briefly, she still kept her pharmacist license current each year up to 2009. In the late 60s she earned an elementary education degree from the University of Tennessee, and taught elementary students until retirement. Today, the couple of 65 years has three children and lives near Greenville, SC.

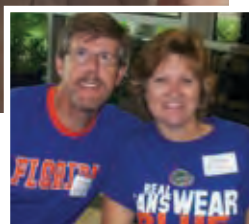
Regina regrets that she couldn't join the UF Grand Guard celebration in November. But she had this reflection to share: "You don't look back. Those were good days, I wouldn't take anything for them, made lots of friends, did lots of wonderful things. And, Leigh Hall is still there. Times were hard, but you just studied."



Graduate students Stephan Linden (l) and Matthew Kirchoff (r) lead a college tour for the Grand Guard alumni. (from left) Joyce & Bill (58) Ogden; Jean Plowden (54); Edmond (52) & Mary Ann Moses; Anita Thompson (54); Robert (59) & Clare Medlin



MARK MARCOJOS



Alumni Reunion Weekend

Friday night, Dean Riffie hosted a reception with honored guest, Albert, who stopped by. Before dashing off to lead Gator Growl, Albert confided to the dean that pharmacy alumni always were his favorite (shhhh...don't tell).

This year's Saturday barbecue was a homecoming sellout with more than 1,000 alumni and friends meeting at the college before kickoff. Highlights: Isabel Moraguez won the FL-GA football tickets raffle, and Dean Riffie won the Pie raffle! Dean Riffie offered to trade prizes with Isabel.

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Mike & Robin MacLeay
Richard Neal
Steve Reeder
Rite Aid

Trophies: Harold & Ruby O'Steen



1st Place

First Place: Jake Beckel, John Beckel, Steve Reeder, Chris Reeder

Second Place: Scott Fritch, Rod Presnell, Will Robertson, Chris Presnell

Third Place: Woody Sereda, Richard Neal, Bill Hulsizer, Matt Steen

Longest Drive: Jose Martinez, Woody Sereda

Closest to Pin: Stewart Eddington, Steve Reeder, John Beckel, Chris Reeder



2nd Place



3rd Place



MARK MARCOJOS



In Remembrance of Friends

Arnold B. Albert ('39)	Faye W. Parkinson ('44)
Ramon P. Boswell ('64)	William Perez ('48)
Clinton E. Browne III ('99)	Carolyn A. Perkins ('64)
Charlotte P. Campbell ('40)	Anthony R. Perry ('73)
Gerald R. Dominey ('78)	Samuel G. Powell ('50)
Nicholas Fedak ('56)	John W. Redrick ('67)
Richard A. Fort ('47)	Charles M. Roberts ('57)
Henry A. Groot, Jr. ('51)	Joe M. Richards ('48)
Eduardo H. S. Gutierrez ('59)	Joseph A. Scarsella ('53)
David C. Jewell ('58)	Ralph W. Schrader ('51)
Graham Lupton ('49)	James F. Watts ('50)
John A. Marzullo ('67)	Harry Weintraub ('39)
Paul B. McCreary ('08)	Arnold O. Williams ('48)
Martha J. Moores (friend)	Hubert L. Worsham ('54)
James W. Parkes ('76)	

"Each of us is here for a brief sojourn; for what purpose we know not, though sometimes sense it. But we know from daily life that we exist for other people first of all for whose smiles and well-being our own happiness depends."

— Albert Einstein

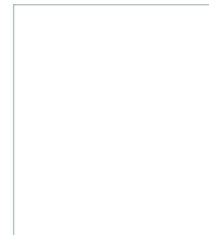
16th Annual Ken Finger Golf & CE Program

It was a perfect day to be out on the golf course for the 16th Annual Ken Finger golf tournament. Students, alumni, faculty, staff, friends and family all gathered at UF's own Mark Bostick golf course. The day began with continuing education, followed by a great lunch and then the shot-gun start scramble. When the golf carts all returned, there was time to relax with a silent auction, sunset steak dinner and the awards ceremony.

"This is a great event," said alumnus Richard Neal, '99. "I've been playing since I was a pharmacy student, and haven't missed this tournament in 15 years!"

The infamous Beckel & Reeder father-son team shot a 57 to claim first place, second place went to the Presnell father-son team, and third place went to Richard Neal's team.

The Ken Finger tournament would not exist without our sponsors, we truly appreciate their support! If you have any interest in supporting next year's tournament, or wish to provide feedback from this year, please e-mail Darin Paine — dpaine@cop.ufl.edu.



2010 | Events Calendar

Pencil me in...

UF

■ **Career Days**

January 21...Gainesville
January 22...Jacksonville
February 5...St. Petersburg
February 12...Orlando

■ **Multicultural Dinner**

Feb (TBA) – Gainesville

■ **Graduate Research Showcase**

February 18 – Gainesville

■ **Outreach Event**

February 18 – Tampa

■ **Outreach Event**

February 19 – Vero Beach

■ **Outreach Event**

March (TBA) – West Palm Beach

■ **Outreach Event**

March (TBA) – Miami

■ **Outreach Event**

March (TBA) – Key West

■ **APhA Dean's Night Out**

March 13 – Washington D.C.

■ **Outreach Event**

April (TBA) – Asheville, NC

■ **Professional Coating Ceremony**

April 10 – Gainesville

■ **Dean's Advisory Board**

April 22-24 – Orlando

■ **FPA Gator Reception**

July 2 (tentative) – Marco Island

■ **FSHP Gator Reception**

July 30 (tentative) – Orlando