

Drug Discovery
Reaches New
Depths





GATORx Magazine

is produced by the University of Florida College of Pharmacy Office of Development & Alumni Affairs for its alumni, faculty and friends.

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Assistant Deans & Campus Directors: Jacksonville: Carol Motycka, Pharm.D. Orlando: Erin St. Onge, Pharm.D. St. Petersburg: Jennifer Williams, Pharm.D. he national and state economy overshadows our own state budget cuts affecting all Florida colleges. It signals us to be prepared for more state cuts this year. So, you may be asking how is the UF College of Pharmacy going to weather the economic storm?

It begins with education. We are the foundation of the pharmacy profession. Education sustains the profession. Its future, integrity and value goes back to the schools that educated, trained and prepared the pharmacists, researchers and educators.

In this economy, we are all looking for secure investments. One of the surest long-sighted investments still remaining is in higher education.

We have three funds, already established, that serve to invest in our students and faculty. We are encouraging our alumni and friends to consider supporting one of these important areas that will ensure the foundation for our future generation of pharmacists.

- Academy for Excellence
- Graduate Student Endowment
- Arajuo Alumni Scholarship Endowment

Endowments are created to help the college navigate through economic periods such as the one we are now experiencing. The permanence of endowed funds allows students, faculty and programs to continue receiving needed revenue streams, even when state funding is down.

Your gift continues to provide us with the fuel that enables the college to generate new ideas and initiatives and develop leadership qualities in our faculty and students. Without your support, our ability to pay it forward to meet the constantly evolving demands of our pharmacy profession would be severely curtailed.

The University of Florida has long enjoyed the reputation of having a top ranked College of Pharmacy and we are proud to be among the top 10 in the country. We are there because of commitment, fortitude, innovation and — most of all — resources.

I would like to leave you with one simple question that has the impact to change lives: How will you change Pharmacy Tomorrow?

William Riffee, Ph.D.

Dean UF College of Pharmacy

William H. Koffe, D

10

Under the Sea

Meet the man behind the research — and what he discovered in the Florida Keys.



22

Alumni Connection

For information, events & good times Amanda Tjiong Sherred (°04) Shares her Gatorx with daughter, Summer.

Epidemiology

19

Community Service

Pharmacy students bring health screenings to the swamp





16
Collected Works
Where Pharmacy meets

6 Cyber Cafe

The UF tech team receives recognition for a special service to AACP

8 No Ordinary Grad

A New Jersey hospital pharmacist joins the Gator Nation, earning a UF Pharm.D. with high honors.

20 Generation $R_{\!_X}$

The Class of 2010 delivers a dose of reality to area high schools. Their mission has just begun. What drives them to take their message further?

10 Faculty News

18 Student Spotlight

22 Alumni News

ON THE COVER: Pharmacy graduate students working in the medicinal chemistry research lab were photographed by Sarah Kiewel, photojournalist in the UF Health Science Center News Office.

LEADING

by Example

FPA PRESIDENT UF ALUMNI SERVING FPA UF CLASS/YR 1956-57 Wesley D. Owens 1934 1958-59 James Love 1935 1959-60 Rufus I. Thomas 1942 1961-62 L. W. Harrell 1936 1963-64 Walter Griffin 1937 1965-66 Felix Donatelli 1951 1967-68 Harold S. Osteen 1953 1969-70 **Neil Bitting** 1940 1972-73 George B. Browning 1953 1973-74 John W. Davies 1952 1974-75 Bernard J. Cimino 1947 1976-77 Gilbert N. Weise 1960 1977-78 Robert T. Showerman 1960 1979-80 Lawrence A. Diaz 1968 1980-81 Joe Cuellar 1949 1982-83 John C. King 1950 1983-84 Michael W. Stamitoles 1968 1984-85 George B. Browning 1953 1985-86 Max A. Lemberger 1944 1987-88 Kenneth R. Norfleet 1966 1990-91 Ed L. Hamilton 2000 1992-93 S. Mark Hobbs 1981 1993-94 M. Peter Pevonka 1972 1996-97 James Powers 1953 1997-98 Paul Ackerman 1969

Robert Wilson

Theresa Tolle

Kathy Petsos

1966

1988

1979

by Dave Fiore

UF Alumni Serve their Profession

ver the course of the last century, graduates of the University of Florida College of Pharmacy have impacted the profession in profound and various ways. In addition to research, education and entrepreneurship, UF pharmacists have provided outstanding leadership in industry organizations at local, state and national levels.

That leadership is perhaps most evident within the ranks of the Florida Pharmacy Association, where College of Pharmacy alumni have served as president dozens of times. Their vision and guidance of the organization has made a significant and lasting impact on the profession.

To represent that impact, GATORx spoke with three past FPA presidents from different eras to discuss their thoughts on their education, their careers and their profession. All three are accomplished, respected and thoughtful, and their careers and commitment to the future of the profession serve as models for pharmacists of all ages.

2000-01

2003-04

2005-06

Q: What is your biggest challenge as a pharmacist/business owner today?

A: The biggest change I've had to make is pulling back from being a pharmacist to be a manager. There is not as much time to be the pharmacist behind the counter, but as long as I can be in touch with my patients, then it's OK. I am out front with them, just not behind the counter in a traditional pharmacist sense.

Q: How did you get involved in FPA leadership?

A: I started my FPA involvement at the Brevard County Pharmacy Association. I met a man named Red Camp of Camp Pharmacy in Titusville. He took me under his wing and said I had potential that needed to be developed. He plugged me in at the state level and got me a committee appointment in APhA. I was hooked. When I saw what I could do by being involved in the association, I was really interested and wanted to serve. After my first child was born, I took a step back and then started again with a foundation position and then was encouraged to run for state president.

Q: What are you most proud of during your time in FPA leadership?

A: I really feel that I helped to create more unity within the pharmacy organizations in Florida. My theme was TEAM (Together Everyone Achieves More) and we worked closely with FSHP and other groups to become a more unified voice for Florida Pharmacy. I feel that we made great strides and have continued to build upon it since then. The other real accomplishment was a strategic planning retreat that "revamped" the FPA mission, vision and goals. Those still stand today and I also think helped give direction to FPA and the profession.

Q: What are your thoughts on the profession today?

A: "We are in real danger of devaluing what we do to a simple commodity. As a business owner, I have learned to be constantly looking for new niches and ways to market the business. The biggest awakening is really reimbursement issues – you cannot understate them. They are terrible. Our profession needs to continue to reinvent itself, looking for new ways to make a difference in the lives of our patients and bring in new revenue sources."

Q: How did your UF education prepare you for your career?

A: "In addition to the clinical education I received. I also received skills in leadership. I was involved in numerous student organizations, but serving as the editor of the yearbook taught me how to recruit people and ask the right questions. UF College of Pharmacy was a great school then and even more respected now. I take great pride in being part of The Gator Nation."

Q: When did you know you wanted to be a pharmacist?

A: I came to UF because my aunt, Gail Wells, was a pharmacist from UF in the 1970s. She was my inspiration, and she made pharmacy intriguing to me. My younger sister, Carla Barber, graduated from UF and now is a pharmacist as well.

Q: How do you stay connected to the university?

A: I serve on the advisory board and am very proud to have input on the direction the school is going. People look at you differently when you say you're a Gator. There is a tremendous amount of respect for the school and the pharmacy program.

Theresa Tone

UF Class ox 1988; FPA President 2003-04

Pharmacist Profile

Current Occupation: Owner/Pharmacist, Bay Street Pharmacy and Home Health Care, Roseland, Fla.

Other Leadership Highlights: President, Brevard County Pharmacy Association; Florida Independent Pharmacy Alliance Ad-Hoc Committee Chair; FPA Foundation President; Speaker of the House; Chair of FPA House of Delegates Awards Highlights: Bowl of Hygeia Award, James H. Beal Pharmacist of the Year: Distinguished Pharmacy Service Alumnus, University of Florida; Marion Merrell Dow Distinguished Young Pharmacist of the Year

Community Service Highlights: Served on Board of North Indian River County American Cancer Society; Sebastian River Medical Center; Sebastian River Chamber of Commerce; University of Florida College of Pharmacy National Advisory; Sunday School Teacher at First Baptist Church, Melbourne, Fla.

Family: Theresa and her husband, Joe, have three children ages 12, 10 and 4





Theresa, who loves family, is shown with... Top: Johnny Garcia, husband Joe and her brother, Steven Wells, keeping Gator spirits up at the Ole Miss game. Bottom: Her mom, Joyce, sister Carla Wells Barber (class of '07), Aunt Gail (class of '74), and daughters Taelyn and Taryn at Carla's baby shower last June.



Q: How did you get involved in FPA leadership?

A: I was the president of the UF COP student council and got involved in the FPA immediately after graduation. The FPA does a great job of getting students involved, so it was a natural transition. When I went to my first FPA meeting, I went right up to UF graduate George Browning and asked what I could do. He immediately put me to work. In association work, you get involved at the committee level and if you enjoy it, it is easy to move along the leadership path. The next thing you know, you are president.

Q: What are you most proud of during your time in FPA leadership?

A: I am most proud that it really was the beginning of the association's increased political action and media awareness. We did media training and raised the level of our exposure in Tallahassee. I think we did a good job of that. My favorite part of serving was the opportunity to meet a lot of people. I went to a lot of national meetings as well as a presidential road trip to local associations to raise FPA exposure statewide. I saw a common desire to see the profession move forward.

Q: What are your thoughts on the profession today?

A: There is a lot of opportunity out there – especially in specialized niche work. We are always looking for specialized work. We provide services to nursing homes, assisted living facilities and group homes. You have to look at the marketplace, and find where there is opportunity for locally oriented high-tech, high-touch types of needs. For larger organizations, it wouldn't work, but it does for us.

Q: How did your UF education prepare you for your career?

A: I got a great classroom-based education and then we moved into the field to get experience in multiple settings. We had longer rotations then, and I spent a summer working in a hospital, so when I came back to the community environment, there was a comfort level with more of what I was doing. The student groups also do a good job preparing students for involvement in professional organizations.

Q: When did you know you wanted to be a pharmacist?

A: I knew I wanted to be a pharmacist after a volunteer rotation in a VA hospital in Gainesville while in the pre-med program. I spent six weeks with medical students before I realized I wanted to do something else. The head of the medical center brought us all into an auditorium and said 100 of us would be doctors and the rest would be seeking career opportunities other than medicine.

Pharmacy allowed me to remain involved in health care and be patient-oriented. I also liked having the opportunity to be entrepreneurial and able to react quickly to the marketplace. Being a pharmacist allowed me to keep that entrepreneurial spirit.

Q: How do you stay connected to the university?

A: I am an adjunct professor and serve on the UF COP Advisory Board. We also have students through here on rotation.sBeing constantly exposed to students keeps me young and on my toes.

Name Mark Hobbs

UF Class ox 1981; FPA President 1992-93

Pharmacist Profile

Current Occupation: Community Pharmacist, President and Owner of Hobbs Pharmacy, Merritt Island; also Co-owner of Brevard Medical Equipment

Other Leadership Highlights: Speaker of the FPA House of Delegates; President of the FPA Foundation; PACCE Politica Action committee; chairman of the APhA Community/ Ambulatory Practice Section; Chairman, Florida Council for United Drugs

Awards Highlights: Marion Merrel Dow Distinguished Young Pharmacist Award; The Frank Tobak Consultant Pharmacist of the Year, James H. Beal Florida Pharmacist of the Year, Bowl of Hygeia Community Service Award

Community Service Highlights: Served on boards of Brevard County American Cancer Society, Cocoa Beach Area Chamber of Commerce; Leadership Brevard; Advisory Board for Health First Hospice and Wuestoff Brevard Hospice and Homecare.

Family: Mark and his wife, Kim, have two sons, Garrett and Alex.



Mark with wife, Kim



above: Mark at work with UF Pharm.D. candidate Cecilia Gibson, who is currently on rotation at Hobbs Pharmacy; right: Mark with Hobbs delivery vehicle, "Medicine Dropper."

Q: How did you get involved in FPA leadership?

A: I became a pharmacist in Florida at a time when the state legislature could do anything it wanted. A group of us were dissatisfied and tired of always being on the defensive. So, we decided it was time to be offensive.

The Florida Pharmacy Association was not an effective organization; they did not lobby and were running the association out of an office in Ft. Myers. When the office moved to Tallahassee, a bunch of us decided to work together to make things better. We hired Jim Powers (UF graduate and future FPA president), who I went to school with. I got involved as treasurer and then as president.

Q: What are you most proud of during your time in FPA leadership?

A: Together with the UF College of Pharmacy and the Florida Board of Pharmacy, we worked together to get the consultant pharmacist licensing law passed – the first such law in the U.S. It really was quite remarkable. We had people in all three organizations working together -- it is not like that today. We were all close, and when that happens, you can do things better and faster.

We also started the continuing education requirements for pharmacists. And in the mid-1980s, we were faced with the issue of product selection, or the availability of generic drugs. It is a fight we started, and Florida was the first state to take on the big companies, so they all had representatives here to try and defeat it.

Q: Why did you want to serve a second term?

A: I didn't like what they were doing. I felt like the leadership needed to be doing something else. Plus, I enjoyed it. I love working with the FPA and the Legislature and national organizations. Being a pharmacist was my life, so I thought I should be involved. You gain knowledge by being involved and can then be more effective. It just seemed natural to do it.

Q: What are your thoughts on the profession today?

A: The UF COP is doing a good job educating the students, but sometimes it seems that they might be overeducated for their pay. Consulting with people about their prescriptions is as far as it goes unless they work in a hospital setting. They are well-trained, but they come out and are placed in a retail setting and have to learn to deal with people and they are not trained for that. It is sometimes a rude awakening in the retail environment.

We never did hide behind the counter. This new way in pharmacy (MTM) is really just the old way. I built my business by communicating with my patients.

Q: How did your UF education prepare you for your career?

A: My coursework at UF gave me the background to go out and practice, without which I would not be where I am today. That is why I have always supported and given back both monetarily and through service.

Q: When did you know you wanted to be a pharmacist?

A: I went to college to be a chemist, but in my first year my uncle, who was a pharmaceutical salesman, suggested that I should look into pharmacy.

Q: At 77 years old, why do you still do it?

A: There is only one way to run a business, and that is hands-on. I never felt I have made enough to retire, and I don't know what I would do if I quit. It is fun to build something and keep it running. If it quits being fun, then I will leave.

Name George Browning

UF Class of 1953; FPA President 1972-73 & 1984-85

Pharmacist Profile

Current Occupation: Owner/Pharmacist, Browning's Pharmacy & Health Care (since 1962)

Other Leadership Highlights: President, APhA Academy of Pharmacy Practice; Board Member, American Society of Consultant Pharmacists; President, UF COP Alumni Association; also active membership in American College of Apothecaries and National Association of Retail Druggists Awards Highlights: Awarded FPA's RQ Richards Award

for Pharmaceutical Public Relations and James H. Beal Pharmacist of the Year

Community Service Highlights: Served on the board of the Melbourne United Methodist Church Trustees, South Brevard YMCA, State of Florida Consumers Council, Florida Medicaid **Advisory Council**

Family: George and his wife, Jeannine, have been married for 55 years. They have four children, eight grandchildren and two great-grandchildren.



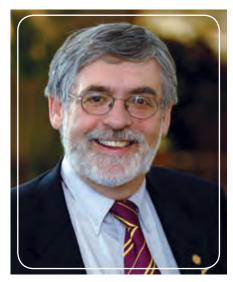


innovations

FLORIDA TOMORROW IS A DAY...

when faculty have resources to teach & inspire the next generation

Leadership Partners



We created the SUCCESS tool because we wanted to define whether our students are performing adequately when they're in clerkships.

—Douglas Ried

Scholar in Residence Spells: 5-U-C-C-E-5-5

As reported by AACP in the summer issue of Academic Pharmacy Now

In January 2008, Dr. L. Douglas Ried, a professor and associate dean at the University of Florida College of Pharmacy, began his service as the Donald C. Brodie American Association of Colleges of Pharmacy Scholar in Residence.

Established in 1988 and named in honor of Donald C. Brodie in 2003, the program gives faculty an opportunity to develop, research and analyze public policy on an issue directly related to pharmacy education or the pharmacy profession.

A Scholar in Residence investigates an issue in great depth and is given a full six months to dedicate to that issue.

"It's the first time in 20 years my schedule's been my own," said Ried. "Otherwise, I'd be meeting with students and teaching classes — which are all very worthwhile — but it doesn't allow me time to immerse myself in a topic and really think about it."

Ried has focused much of his time evaluating the System of Universal Clinical Competency Evaluation in the Sunshine State (SUCCESS), an Advanced Pharmacy Practice Experience (APPE) competency assessment tool. As part of the revised Accreditation Council for Pharmacy Education (ACPE) Standards and Guidelines that became effective July 2007, pharmacy faculty must have mechanisms in place to monitor and maintain the integrity and quality of APPEs.

Like other states, Florida schools share preceptors and the preceptors have a different form for each school. So, Ried and experiential directors set out to create a consistent form for all of the schools in the state.

"Randell Doty and I helped to create the SUCCESS tool because we wanted to define whether our students are performing adequately when they're in clerkships," Ried said.

It began back in 2001 at the AACP Institute, when Ried worked three days with other educators putting together the things that they thought were most essential, with regard to internship competencies. They examined forms from three Florida schools that were active at the time —

AACP Applauds the UF Cyber Cafe

by Melissa M. Thompson

The American Association of Colleges of Pharmacy gave a special recognition to the University of Florida College of Pharmacy at its annual meeting in July. The AACP

distinguished service award was presented to the UF Cyber Café team — not for scientific contribution, but for its tech skills.

Under the leadership of Dean William H. Riffee, Ph.D., the team of IT buffs, include Mike Brodeur, senior associate dean for finance and administration; Randell Doty, Pharm. D., clinical associate professor and associate dean for experiential education; Lane Blanchard, coordinator of computer applications; and Peter Mauro, a former IT technician for the college who is now a senior engineer for UF Computing and Network Services. The team has set up a virtual office away from home at nearly every AACP annual

meeting for more than a decade, where pharmacists from across the country have been able to finish presentations and check their e-mail.

"Generally, the minute we start putting this thing together, people start knocking on the door," said Brodeur, who has led UF's program since its inception in 1996. "About 1,000 faculty members come through here, usually more than once."

The idea for the Cyber Café began in the early '90s when Riffee started a similar program at the University of Texas and decided to continue the tradition at UF. Back then, the "café" had 10 desktop computers, no wireless connection and a 15-minute time limit for users.

The team now operates the café from 7:30 a.m. to 5 p.m. and has expanded services to include 30 computer stations and wireless service for attendees with laptops.





AACP&UF

University of Florida, Florida A&M University and Nova Southeastern University — and the key things that they agreed were necessary.

The benefits of using a nationwide assessment tool, Ried said, is to have comparisons of your school within your own state, as well as comparisons of your school with others across the country.

By creating benchmarks to report to ACPE and other regulatory agencies, it provides a standardized measure across the country to define whether or not the curriculum is working. The assessment tool can show if the college is achieving its goal of preparing students.

It's also a valuable tool for documenting students' experiences, not only locally, regionally or nationally, but also globally.

"At UF, we have successfully documented students' experiences in the United Kingdom, Spain, Ecuador and Mexico using SUCCESS," said Ried.



Globalizing Forensic Science Education with an Eye on the Environment

by Anne Myers

Then it started eight years ago, the forensic science program at UF had only 20 students. Now, it is the largest graduate forensic science program in the world with 450 students from 28 countries. The program's creator and director, Ian Tebbett, Ph.D., believes it's making a difference in educating forensic scientists.

Others see it that way too. In November 2008, Tebbett was awarded an International Educator of the Year award from the UF International Center for his work globalizing the campus and curriculum. The award recognizes Tebbett's international endeavors through his online program.

"The program puts people in touch with others in the same fields, all over the world," Tebbett said.

Through its international connections, UF's forensic science program has established partnerships with academic institutions in the United Kingdom, South America, and most recently, Australia.

In 2007, UF finalized an agreement with the University of Canberra to offer students a new master's in environmental forensics from either institution. More than 30 students have enrolled, benefitting from the combined technology edge from UF's core forensic studies and the environmental expertise from Canberra's curriculum.

Today's carbon trading means higher costs in disposal, which creates a forensic problem when companies illegally dispose of toxins said Chris Lennard, Ph.D., a professor of forensic studies at the University of Canberra. An environmental forensic scientist would be called upon to investigate the source and prove liability for contamination anywhere in the world, he said.

Lennard, who worked 12 years for the Australian Federal Police as an operational forensic scientist, enjoys his new role in academia on an international scale.

"I see the unique opportunity students have today to logon and share coursework with students on the other side of the world — being able to share their experiences and perceptions," he said.

Tebbett first became interested in forensic science as a pharmacy student at London University in the late 1970s after working summers for the Scotland Yard. He came to the United States more than 20 years ago after earning a Ph.D. from the Forensic Science Unit at the University of Strathclyde, Glasgow, Scotland, and has been at UF for the past 16 years.

It all started when Tebbett was the director of the State Racing Laboratory in the UF College of Veterinary Medicine. The lab is in charge of conducting drug tests for Florida's horse and dog-racing industries. In response to his staff's requests for additional training, he put his forensic toxicology material online. The rest, as they say, is history.

The online forensic science program quickly evolved into four areas of concentration and now contributes \$2 million a year in revenue to the College of Pharmacy while supporting three faculty and two dozen support staff and teaching assistants. Today, most of the program's students are working professionals who want to improve their qualifications. Many have families and mortgages and can't afford to leave their job to go back to school. The UF online program solves that problem — anyone from anywhere can take the courses.

Then there are the students from South America, Europe, Australia, Asia, the Middle East and all over the world. Currently, there are 20 to 30 students serving in the military, who are stationed in Iraq.

"It's amazing that they are able to complete their studies over there," Tebbett said. "If those students can take a course while in a war zone, then anyone in the world can do it."



No Ordinary Grad

New Jersey Pharmacist Earns High Honors from UF

lphabetically, Edith Tortora Micale, Pharm.D., ranked midway in the procession of 91 graduates who lined up for the UF College of Pharmacy August commencement. But at 69, Edith was by no means the average pharmacy student.

She traveled far from her home in North Bergen, N.J., for the honor of joining her classmates in taking the Pharmacist's Oath, singing the UF Alma mater and accepting the college's top academic and leadership award. This was her first visit to the UF campus.

Edith began the UF pharmacy program in 2005, but her class group met in New York City. Other classmates

Pharmacy Nation Grows

hailed from Utah, New Mexico and Texas and even internationally, from Jamaica to Germany.

The need for a doctor of pharmacy education program for working professionals was realized in the early-'90s when pharmacy schools began phasing out bachelor's degrees, said Sven Normann, Pharm.D., associate dean for distance education for UF's College of Pharmacy.

"The Doctor of Pharmacy was established as the first professional degree, leaving many working pharmacists in a difficult situation," Normann said. "Despite many years of work experience, they lacked the advanced degree and some of the clinical skills of the new pharmacy graduates entering the workforce."

A hospital pharmacist in New Jersey, Edith realized she needed to update her clinical skills and began looking at area pharmacy schools.

"I am very familiar with the accreditation process for colleges of pharmacy, and UF's WPPD program meets all the expectations of the Accreditation Council for Pharmacy Education," she said.

Edith was among 10 students out of 77 WPPD graduates, who competed for the highest honors awarded at graduation. Joseph Micale, M.D., her husband and biggest supporter, accompanied his wife to commencement and a special reception held by Dean William Riffee, Ph.D. The couple was surprised to learn that Edith

was to receive the engraved Outstanding Graduate Award plaque.

An experienced hospital pharmacist, who served on the New Jersey State Board of Pharmacy for 15 years — including two years as president — Edith earned a bachelor of science degree in pharmacy in 1960 from the University of Michigan College of Pharmacy. Licensed in New York and New Jersey, her long-standing pharmacy career has taken her to hospital pharmacies in both states, where she honed her expertise in quality assurance and performance improvement while administering to patient care.

Teaching patients how their medications work and the importance of sticking to medication schedules is how she helps patients get the most out of their treatment.

"This is the pharmacist's best role, and the area of practice I enjoy the most," Edith said. "and this is why I returned for my Pharm.D. — so I can better serve my patients."

Like any new doctor of pharmacy, you don't hear Edith mention words like, "retirement" or "part-time." She serves on the Canterbury Board of Trustees for Christ Hospital in Jersey City, N.J., and continues to work at the Jersey City Medical Center, and Englewood Hospital and Medical Center in Englewood, N.J. Canterbury Board of Trustees for Christ Hospital in Jersey City, N.J., and continues to work at the Jersey City Medical Center, and Englewood Hospital and Medical Center in Englewood, N.J.



Through Distance Education

Biomedical & Pharmaceutical Careers?

Growing UF Online Master's Program Brings Choices

by Jay Goodwin

apid growth in enrollment in the University of Florida's online pharmacy programs bodes well for the growth of Florida's pharmaceutical industry.

The UF College of Pharmacy offered its first online master's degree program two years ago, and interest has been so high, the college has followed up with three other degree programs — offering six possible concentrations. More than 90 students were admitted this fall, four times the number enrolled a year ago, said pharmacy professor and online Program Coordinator David Brushwood, R.Ph., J.D.

Not only that, but the college also has recently announced a partnership with Stetson University in DeLand, Fla., that will allow online students to get a master's degree in pharmacy from UF and a master's of business administration from Stetson in significantly less time than would be required to pursue each degree separately.

"If we can be successful at transferring knowledge from our academic institutions to the high achievers in the business world, Florida can become a third focus of national leadership (after California and the Northeast) in the biomedical and pharmaceutical industries," Brushwood said.

The goal of the online programs is to provide an opportunity for working professionals to further their education without having to quit their jobs or relocate to Gainesville.

One recent graduate Scott Mazza, became a clinical adviser for CVS Caremark's mail service division. He applied for a promotion while

completing his master's in pharmacy regulation and policy, and he said his new degree had a lot to do with his being chosen for the job.

"This master's was such a unique degree that it gave me an edge," Mazza said. "I was able to immediately relate the material I learned in school to a number of real-life situations."

The programs focus on nonclinical issues important to the pharmaceutical industry, such as drug regulation, risk management, economics and ethics. These are vital to the success of any pharmaceutical company, but the average employee has no experience in these areas, Brushwood said.

While some students have a background in pharmacy, others are people working in the biomedical industry who got their education in areas, such as business or law. These professionals may not have planned to pursue pharmacy, Brushwood said, but now that they are in the industry, they need more specialized education.

The program goes beyond regulation theory; it teaches people what they need in today's workplace, Brushwood said.

Four full-time UF professors work with the online programs, and much of the teaching is done by experts from around the country who are active professionals in the areas they teach.

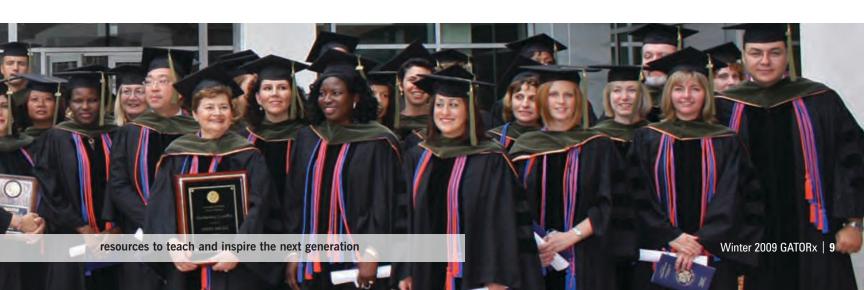
Because students and teachers are currently practicing the issues at hand, Brushwood said discussions are often lively and heated.

"This is very different from a normal classroom," he said. "It keeps us on our toes."



"If we can be successful at transferring knowledge from our academic institutions to the high achievers in the business world, Florida can become a third focus of national leadership in the biomedical and pharmaceutical industries."

— David Brushwood, R.Ph., J.D.





FLORIDA TOMORROW IS A BELIEF...

research will lead to new discoveries, which will improve the quality of life & health care

Under the



Hendrik Luesch, Ph.D., calls the ocean his laboratory, where marine organisms may hold the key to curing the world's worst diseases.

n assistant professor of medicinal chemistry in the UF College of Pharmacy, Luesch smiles briefly as he gazes at a poster of the Pacific island nation Palau hanging on his office wall. Tiny, uninhabitable islands resembling broccoli florets peek out of the turquoise water.

"If you can imagine," he says, "it looks exactly like that — even better. It has some of the best places for diving in the entire world."

He knows because he has plunged into that crystal-clear, 80-degree water in search of marine organisms such as cyanobacteria. Compounds extracted from these organisms could be made into drugs with the potential to treat or cure cancer or other life-threatening diseases. Luesch developed an appetite for marine organism exploration when he began his doctoral studies at the University of Hawaii at Manoa in 1997. There, the Stendal, Germany native felt he had the best chances for making discoveries and getting published in scientific journals.

"I had a great chance of discovering unprecedented chemical structures by investigating largely unexplored organisms," he said. "I would say at least 50 percent of the compounds we found were new."

In Hawaii, Luesch often worked with a collaborator in Guam who sent him marine samples to study. As beautiful and varied as organisms off the coast



SEA

by Melissa Thompson

of Hawaii were, the diversity and quality of samples from Guam were even better.

Luesch could probably talk for hours about his marine research or his drug-discovery efforts to combat neurodegenerative diseases. It seemed to be part of his DNA.

Growing up in Communist-controlled East Germany in the '70s and '80s, Luesch attended Diesterweg Schule, a one-building school that housed about 400 students. His father was his chemistry teacher from seventh to 10th grade and the only teacher in the school who refused to join the Communist Party.

A typical teen, Luesch wanted to develop his own interest apart from his parents, but he excelled in chemistry and math, eventually earning a Diplom — a degree he says is equivalent to an American master's degree — in chemistry from the University of Siegen in 1997.

After earning his doctoral degree and working as a postdoctoral fellow at the Scripps Research Institute in La Jolla, Calif., Luesch found a new coast to explore joining UF. Today, he works with

samples collected off the coast of the Florida Keys, Fort Pierce and Fort Lauderdale.

"I could've gone back to Hawaii for a job there, but I saw the biggest potential here," he said. "I felt like there was a good mass of people here who could help me move my projects forward."

Proving his hunch in choosing Florida, Luesch has received a \$1.2 million, 3-year award from the National Institutes of General Medical Sciences to continue his research in marine natural products. His most recent discovery is a marine compound found off the coast of Key Largo. The UF-patented compound, largazole, is derived from cyanobacteria that grow on coral reefs. The compound inhibits cancer cell growth in laboratory tests; a finding Luesch hopes will fuel the development of new drugs to better battle the disease.

"My ultimate goal, like everyone else in this field, is putting a drug on the market that treats someone with a terrible disease," he said. "In the end, I get up in the morning and look forward to what I do."

Underwater image from the Florida Keys was captured by Raphael Ritson-Williams, a member of the Smithsonian Marine Station in Fort Pierce, Fla.

How Much Risk?

Examining 10 Years of Stimulant Medication use in Children

by Linda Homewood

Prescribing stimulant medication is an ever-growing solution for treating children with attention-deficit hyperactivity disorder, but there are more questions than answers in this common drug therapy. Approximately three million to four million youngsters in the U.S. are prescribed stimulant medications for ADHD, said Daniel Safer, M.D., an associate professor in psychiatry and pediatrics at Johns Hopkins University School of Medicine.

"In fact," Safer added, "more parents than previously are requesting such treatment if their child is having serious problems in school."

Risky Business?

The therapy may be responsible for an increased number of visits to the emergency room or doctor's office because of cardiac symptoms, a UF study published in the journal Pediatrics, revealed — though deaths or serious heart complications are rare.

"Treatment decisions are always a risk-benefit assessment for doctors," said Almut Winterstein, Ph.D., an associate professor of pharmaceutical outcomes & policy at the UF's College of Pharmacy. "We know about the benefits of central nervous system stimulants. There are a lot of advantages to the patient — improved concentration, the improved ability to interact socially — but the risks have been very poorly defined."

Despite concerns about the risks of taking medications such as Adderall and Ritalin for the treatment of ADHD, use of the drugs has steadily risen over the past decade. The drugs are known to raise blood pressure and heart rate, and other members of this drug class, such as methamphetamine, are associated with serious adverse effects.

A Closer Look

Winterstein, a pharmacoepidemiologist, led a team of researchers in pharmacy, pediatric medicine and psychiatry who analyzed records from 55,000 children ages 3 to 20 who had ADHD and were undergoing treatment between 1994 to





2008 Teacher of the Year

Each year, the College of Pharmacy Recognizes one faculty member, whose dedication to excellence in teaching represents the highest standards of college and the university.

Joanna Peris, Ph.D., an associate professor of pharmacodynamics, has been recognized for her dedication to excellence in teaching as a coordinator and lecturer in Pharmacology and Pathophysiological Basis of Disease courses. Third-year pharmacy student Shannon Zandy, took Peris' courses last year. This year, working in Peris' research lab, Zandy reflects that her professor's idea of fun is in challenging her students.

"Dr. Peris' teaching style is concept oriented, it's not based on memorization," Zandy said. "Her personality and passion for teaching really comes through in the classroom."

EDUCATION

School of Medicine at Oregon Health Sciences University - Ph.D., 1984

RESEARCH

Joining UF College of Pharmacy in 1994 as an assistant professor of pharmacodynamics, Peris has received funding from the National Institute of Alcohol Abuse and Alcoholism to study the neurochemical basis for a number of behavioral changes induced by chronic ethanol exposure and withdrawal. She has published more than 50 scientific articles and 70 abstracts.

SERVICE

- Graduate Studies Coordinator for the department of pharmacodynamics
- Marshal for the College of Pharmacy and the UF commencement events
- Faculty advisor for the Kappa Epsilon professional pharmaceutical fraternity at the Gainesville campus.

MEMBERSHIP

- University of Florida Brain Institute
- University of Florida Center for Neurobiologi-
- International Society for Neurochemistry
- American Association for the Advancement
- Research Society on Alcoholism

2004. The UF study, which sought to assess the effects of these drugs on the risk for heart disease, relied on the Florida Medicaid database of more than two million youth, cross-matched with vital statistics records — the first of this magnitude in ADHD safety research.

Children who used central nervous system stimulants were 20 percent more likely to visit an emergency clinic or doctor's office with cardiac-related symptoms, such as a racing heartbeat, than children who had never used or discontinued treatment.

The researchers also reported that the rates of death or hospital admission for serious heart conditions were no different than the national rates among the general population, but the total number of events was too small to allow definite conclusions.

Asking the Right Questions

Since 1995, the number of patients newly diagnosed with ADHD has grown at a fairly constant rate, Winterstein said. Today, nearly one-third of these patients — more than 5 percent of American children — chronically take stimulant medications.

The UF research team's recent findings raise several important issues that warrant further investigation, Winterstein said. Critical concerns include stimulant safety in populations with cardiac risk factors and in those who use the drugs for several years.

In order to pull answers out of their population database, UF researchers hope their earlier findings will point them to the right questions.



Helping Hands

The 2008 Preceptor of the Year Recognition Goes to Two UF Alumni Pharmacists

Inpatient Pharmacy Preceptor Scott Neel, Pharm.D., Cape Canaveral Hospital

Outpatient Pharmacy Preceptor Brad Van Riper, Pharm.D., Walgreens, Gainesville, FL

Each year, graduating pharmacy students have a chance to nominate a preceptor – or pharmacist trainer/mentor who has made the biggest impact on them, their perception of pharmacy practice, and their future career goals.

Experiential courses, required in the fourth year of pharmacy education, are specifically devoted to the clinical aspects of pharmacy practice. The purpose of Advanced Practice Experience is to take the training that the students receive in class and teach them how to apply it to real patients. This includes all aspects of patient care including drug distribution, formulation, pharmacotherapeutics, and outcomes management.

Nine Advanced Practice Experiences are required for the Pharm.D. degree. They are monitored closely by preceptors who assess student performance using the SUCCESS online evaluation system (see page 6 for story). Five required experiences are: Ambulatory Care, Drug Information, Adult Medicine, Community Practice, and choice of: Pediatrics, Geriatrics or Oncology.



PROCLAMATION: **Pharmacy Month**

Carol Motycka, Pharm.D., an assistant dean of the UF College of Pharmacy Jacksonville campus, attended the city of Jacksonville's ceremony proclaiming October 2008 as National Pharmacy Month. Motycka, who serves as vice president of the Duval County Pharmacy Association, was invited to represent the association, which has served the city since 1887 and assisted in the formation of the Florida State Pharmacy Association.

Motycka sees the recognition of National Pharmacy Month as a time to increase public awareness about the important role pharmacists play in health care

"It's also an opportunity for our students to recognize the critical part they will play in the lives of their patients in the community in the very near future," she said.

Jacksonville Mayor John Peyton read an official proclamation highlighting pharmacists' roles in the national health-care system, such as offering patient education, ensuring that maximum health benefits are received and helping patients avoid harmful side effects. The proclamation calls for Americans to choose a pharmacist with whom they can build a partnership for good health.

Research



FY 2007-08 Report in Brief Research, Scholarship & Honors UF College of Pharmacy

Funding by Department

COLLEGE TOTAL	\$7,875,419	100%
Pharmacy Practice	\$2,912,295	30.90%
Pharmaceutical Outcomes & Policies	\$321,697	3.51%
Pharmacodynamics	\$705,761	12.89%
Pharmaceutics	\$1,461,958	17.56%
Medicinal Chemistry	\$2,473,708	35.14%

Funding by Category

Sponsor Category	Awards	Total Dollars
Federal Agencies	26	\$5,517,117
Florida State Agencies	5	\$329,011
Corps. and Companies	39	\$1,206,139
Foundations & Societies	23	\$862,994
Other	1	\$300
TOTAL	94	\$7,915,561

Federal Agencies

NIH	24	\$5,433,428
U.S. Army	1	\$40,142
U.S. Dept. of Veteran Affairs	1	\$43,547
TOTAL	26	\$5,517,117

FL State Agencies

|--|

Other

Miscellaneous Donors	1	\$300

Awards from Companies

Alcon Research	1	\$50,000
Altus Pharmaceuticals	5	\$56,395
American Home Products	1	\$12,500
Finzelberg GMBH & Co. KG	3	\$67,496
Genentech	3	\$22,424
Glaxo Smith Kline, Inc.	2	\$27,281
IVAX Corp.	2	\$53,930
Johnson & Johnson	4	\$234,845
Merck & Company, Inc.	3	\$129,533
Novartis - United States	1	\$30,000
Palatin Technologies, Inc.	1	\$9,500
Pascoe GMBH	1	\$30,138
Pfizer, Inc.	1	\$100,000
RFE Pharma	1	\$2,925
Skye Pharma	6	\$53,225
Steigerwalk Arzneimittelwerk	1	\$43,985
Trius Therapeutics	3	\$281,963
TOTAL	39	\$1,206,139

Awards from Foundations & Societies

American Coll. of Clinical Pharm.	1	\$30,000
Am. Diabetes Association	2	\$100,00
Am. Heart Assoc. – FL	9	\$429,381
National Assoc. Bds of Pharmacy	1	\$191,008
Nemours Children's Clinic	7	\$35,788
Shands Teaching Hospital	1	\$59,000
U.SIsrael Binational Sci. Fdtn.	2	\$17,817
TOTAL	23	\$862,994

Patent Activity

ratent Activity		
Department/ Center	Applications	Patents Issued
Medicinal Chemistry	15	1
Pharmacy Practice/Center of Pharmacogenomics	3	0
TOTAL	18	1



Publications & Invited Presentations

Department	Refereed	Non-refereed	Books	Abstracts	In Press	Presentations
Medicinal Chemistry	30	2	2	26	7	19
Pharmaceutics	25	0	3	9	4	25
Pharmacodynamics	12	1	0	23	8	6
Pharmaceutical Outcomes & Policy	23	23	5	22	6	21
Pharmacy Practice	46	12	9	58	41	71
TOTAL	136	38	19	138	66	142











Johnson





Lipowski

Motycka





Peris

Ried

FACULTY HONORS

DIANE BECK, PHARM.D.

2007 WPPD Faculty Service Award. Awarded for outstanding contributions to the WPPD Program

JOHN GUMS, PHARM.D.

Fellow, American College of Clinical Pharmacy (ACCP) 2007

ABRAHAM HARTZEMA, PH.D.

University of Florida Research Foundation Research Professor award 2007

JULIE A. JOHNSON, PHARM.D.

First Tennessee Chair of Excellence Visiting Professor, University of Tennessee College of Pharmacy, January 2008

Robert G. Leonard Memorial Lecture Award, Texas Society of Health System Pharmacists and University of Texas at Austin, April 2008

EARLENE LIPOWSKI, PH.D.

Honorary Fellow, University of Wisconsin-Madison for summer 2008

CAROL MOTYCKA, PHARM.D.

American Association of Colleges of Pharmacy (AACP) Leadership Fellowship for 2007-2008

JOANNA PERIS, PH.D.

College of Pharmacy Teacher of the Year 2007-2008

DOUG RIED, PH.D.

American Association of Colleges of Pharmacy, Brodie Scholar-in-Residence for 2007-2008



"Drug safety is a major concern that affects all of us. We hear about it daily in the news. This book provides researchers a comprehensive approach to assure drug safety." — Hartzema

Collected Works: Where Pharmacy Meets Epidemiology by Linda Homewood

The first textbook to address the therapeutic risk management role in the study of pharmacoepidemiology has been published under the editorial guidance of a UF professor of pharmaceutical outcomes and policy.

As lead editor and a contributing author, Abraham Hartzema, Ph.D., an eminent scholar in the College of Pharmacy, worked with professors from the Harvard University and University of North Carolina schools of public health to edit the research collected in the book, which totaled more than 1,030 pages in 42 chapters. More than 80 scientists and educators worldwide contributed to the extensive reference book.

The field of pharmacy-epidemiology looks at the big picture in drug safety and effectiveness. While pharmacists and doctors focus on an individual patient, pharmacoepidemiologists look at whole populations – with attention to drug breakthroughs, side effects, and sometimes, withdrawals.

"Drug safety is a major concern that affects all of us," Hartzema said. "We hear about it daily in the news. This book provides researchers a comprehensive approach to assure drug safety."

Published early 2008 as a first edition by Harvey Whitney Books Company, Pharmacoepidemiology and Therapeutic Risk Management, is more than a college textbook. Yes, Hartzema nods — the reference serves as a teaching guide for his graduate students. But, he adds — it's a comprehensive reference guide for academics, clinicians, policymakers and drugmakers as well.

The book addresses regulatory concerns of the U.S. Food and Drug Administration and the European Medical Evaluation Agency, and drug safety concerns of the pharmaceutical industry in general, Hartzema said. Recent guidelines by the FDA addressing safety in phase IV drug studies are detailed, including the 2007 reauthorization of the Prescription Drug User Fee Act, which provides a tax on new drug submissions to help expedite the FDA regulatory review process.

Other UF contributing authors include, David Weiner, M.D., a professor of medicine and physiology in the College of Medicine, and Almut G. Winterstein, Ph.D., an associate professor in the College of Pharmacy.

"Remember that our nation's first great leaders

Issues & Opportunities in Pharmacy

Students Engage in the Target Leadership Speaker Series

The 2007-08 Target Speaker Series, directed by Earlene Lipowski, Ph.D., an associate professor of pharmacy management and public policy at UF, engaged pharmacy students with influential pharmacy professionals. Thank you to these industry leaders who gave their time in bringing important topics and discussions to UF pharmacy students:

Mr. Chuck Wilson | Retail Pharmacy Management

Wilson, vice president of pharmacy operations at Target Stores, graduated from the University of Iowa in 1986. He began his career as a store manager with Walgreens where he worked until 1995. Chuck first joined Target in 1996 as a pharmacy market team leader.

Dr. Joel L. Zive | Non-profit Pharmacy Aid

Zive is vice president of Zive Pharmacy in the Bronx. He is the executive director of Prescription for Hope (www.rxforhope.org), a nonprofit organization dedicated to understanding developing countries' pharmacy dispensing and drug distribution systems, and building dispensing pharmacies in these countries to help people with HIV.

Dr. Stephen W. Schondelmeyer | Pharmaceutical Market

Schondelmeyer is a professor in the College of Pharmacy at the University of Minnesota where he holds the Century Mortar Club Endowed Chair in Pharmaceutical Management & Economics. His education and experience in practice, academia, professional associations, and government bring a unique understanding of complex and technical issues leading to dramatic changes in the pharmaceutical marketplace.

Dr. Calvin H. Knowlton | Entreprenuership

Knowlton, is Founder and CEO of excelleRx, Inc., a technologybased, prospective medication management company headquartered in Philadelphia. Knowlton's career spanned entrepreneurial business ownership and academia. He was an associate professor of clinical pharmacy at Philadelphia College of Pharmacy and Science for seven years where he served for two years as chair of Pharmacy.



Robert Bell, Ph.D.

CEO: Drug & Biotechnology Development, LLC Alumnus: Ph.D. in Pharmaceutic ('88), UF College of Pharmacy

Research Talk: The Road to Therapeutically Equivalent Proteins

Robert Bell, Ph.D. met with the pharmaceutics graduate students and faculty in October to present his work in biosimilar drug development. His discussion, held in the department conference room, compared biological drugs with generic drugs in terms of costs, safety and effectiveness. He also explored the need for an international effort in developing guidelines and policies.

Career Opportunities: Life in the 'Real World' After Graduation

Following the departmental presentation, Bell gave valuable career advice on interviewing skills and working in biotechnology to more than 30 pharmacy graduate students. During an informal pizza lunch, Bell challenged students to look ahead to their five-year goals. Outlining the differences and rewards of academic and industry careers, he reported a 20 percent increase in the pharmaceutical job market even with a downturn in the economy. Though, he cautioned students about the competition for the best jobs and being prepared during interviews.

"You have 30 seconds to make an impression – why should I hire you?"

His final interviewing tips: Listen more than you speak, be able to discuss strengths and know how to present weaknesses, and never undersell or exaggerate your abilities.

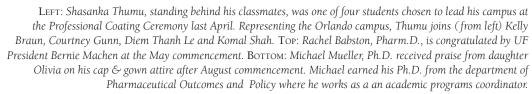
Were also our first great scholars." - John F. Kennedy

students

FLORIDA TOMORROW IS A PLACE...

where students receive mentoring to become world-class leaders









RECOGNITION IN THE SWAMP Pharmacy Student Achievements in 2008

APRIL

Two students received the American Society for Clinical Pharmacology and Therapeutics annual Trainee Awards for clinical pharmacologists-in-training:



Hrishikesh Navare, a graduate student in the Center for Pharmacogenomics was recognized for his work on cardiovascular outcomes in the international verapamil sr/trandolapril study-genetic substudy (INVEST-genes).



Elvin Price, a graduate student in pharmacy practice, received the award in recognition of his research on the drug Fenofibrate in lowering blood cholesterol and its ability to promote formation of new vessels.

JULY



Anzeela Schentrup, Pharm.D., a Ph.D. candidate in the Clinical Pharmaceutical Scientist Program has received a 2008-2009 Dissertation Fellowship \$20,000 award from the American Association of University Women. She also has been awarded a

\$6,000 pre-doctoral fellowship from the American Foundation of Pharmaceutical Education.



Shannon Zandy, a third-year student in the joint UF Pharm.D./Ph.D. program was elected as a Director to the Florida Pharmacy Association House of Delegates. The first student director ever chosen, she will hold the office for three years where she hopes to increase

student involvement in FPA. Zandy serves as president of American

Grrreat... **Gator Health Fest**

The Great Gator Health Fest attracted hundreds of football fans on a chilly November morning. They migrated through the Reitz Union bookstore, stopping for Gator gear, and winding through the food court and out to the colonnade where pharmacy students waited to share what they have learned.

Among the crowd, UF pharmacy alumna ('78) JoAnn Nuccio, the College of Pharmacy alumni president went table to table. An avid fan of Gator football — and pharmacy education — Nuccio supported the annual pregame health screening event with a \$1,500 gift. Not only that, she challenged other alumni to join her, raising event support to more than \$6,500.

Nuccio observed the students at work as she walked through the dozen plus health screening booths that offered information about blood pressure, cholesterol, skin and breast cancer, asthma treatment, smoking cessation and many other healthcare concerns. Communication and engaging people was what impressed her most. These are skills that will prove most valuable later as one of America's most accessible health professionals, she said.

"The students spoke in the language of the community, putting aside any overly technical or clinical terms," Nuccio said. "Their interaction was active, not passive."

Ronald Askeland, D.D.S. and wife, JoEllen, (top photo) UF alumni from Indian Harbour Beach, Fla., stopped to learn about the latest smoking cessation therapies in concern for a family member. A practicing dentist for more than 30 years, Ronald earned a bachelor's in liberal arts and Science in 1965. Though he received a doctor of dentistry from Maryland before UF offered dentistry education, he is an active alumnus of the UF College of Dentistry.

"Ongoing health education is important to all healthcare practitioners alike," Askeland said. "Every year when I come up to the football game, I stop at the health fair to get new information."

Planned each year during the Grand Guard football weekend, the event last fall was a grrrreat success due to the sponsorship support our students received from Abbott, CVS, Publix, Wal-Mart and Walgreens.





Photos: Student Booths Give Health Help TOP: How to Stop Smoking; MIDDLE: Learning Breast Exams; BOTTOM: Know Your Cholesterol Risk

Pharmacy Association-Academy of Student Pharmacists and vice president of Phi Lambda Sigma. She was among six UF students including, Erica Fernandez, Sara Neissari, Calvin Tucker, Ryan Rodriguez, and John Sheehan, selected to represent UF at the annual FPA meeting Adopt-A-Student program.

AUGUST



Christian Hampp, a graduate student in the Department of Pharmaceutical Outcomes & Policy, was recognized for "Best Drug Utilization Abstract Submitted by a Student" at the 24th International Conference on Pharmacoepidemiology & Therapeutic Risk Management

in Copenhagen, Denmark. Hampp received a certificate award and complimentary conference registration for his research on the effects of palivizumab immunization on RSV infection rates in Florida. His abstract presented the cost in various high-risk groups, such as children under the age of 1, and those with congenital heart disease.

SEPTEMBER



April Barbour, a graduate student in the Department of Pharmaceutics, was among eight research students nationally recognized by the American College of Clinical Pharmacology. The ACCP Student/Trainee Awards recognize outstanding research abstracts submitted

for presentation at the annual meeting. She received an engraved certificate, a \$1,000 honorarium and complimentary registration to attend the annual meeting in Philadelphia.

OCTOBER



Greg Welder, a fourth-year student in pharmacogenomics, won Best Student Poster at the annual American College of Clinical Pharmacy (ACCP) meeting in Louisville, KY. His research investigates how Atorvastatin regulates global inflammatory and antiinflammatory gene expression in human endothelial cells.



Generation R_x

Delivers a Dose of Reality to High Schools

by Lauren Edwards & Linda Homewood

■ or Erica Fernandez, president of the University of Florida College of Pharmacy class of 2010, the reality of drug abuse hit close to home when a friend of her younger sister died of a drug overdose in high school.

The National Survey on Drug Use and Health, in 2006, revealed that more than 2.1 million teens ages 12 to 17 reported abusing prescription drugs. Readily available, many teens believe they are a safe way to get high; teens who wouldn't consider using drugs might abuse prescription drugs, said Ryan Rodriguez, a 2010 class member.

Compelled to action, Erica, Ryan and their classmates came up with Generation Rx, a peer-to-peer drug abuse education program. Launched last spring, the pharmacy students visited six high schools where they spoke to more than 2,000 students about the dangers and — illegality — of prescription drug abuse. The UF students developed a novel way to present the dangers of prescription drug abuse to local high schoolers using the popular candy Skittles.

They began on a somber note with Jackie's story, told through a 16-year old girl's real-life experience of kids hanging out one summer night.



Everyone was just having a good time:

no one seemed out of control. I got a call at my grandparent's: Jackie is dead. I couldn't believe it. I couldn't say a word.

My friends found her in the bathroom.

She had alcohol and prescription drugs in her system.

We were sixteen. No one had any idea that she needed help. There was nothing we could do, she just never woke up. She never had a drug problem... we never had problems in school. We were smart kids. And she still never woke up.



While many drug-education programs are heavy on scary statistics, the 31 'Class of 2010' presenters structured theirs to be less lecture and more interaction.

The Generation Rx team took a new approach sharing knowledge in the same way they might talk to their own younger siblings, Erica said.

Scheduling with area high schools, teams of four presented each period, dressed in their everyday student attire — jeans.

"We don't want to seem like young professionals talking down to teens about drug abuse," Ryan said.

"And, we didn't want to hit them with stats," Erica quickly added. "We want interaction... we're not telling them what to do, we're treating them as peers."

In their presentation, each colored candy represented a different drug. Every student received a random sampling, and the pharmacy students explained facts they have been studying about how such drugs affect the body. They also talked about the dangers of mixing them together with alcohol.

The Generation Rx presenters impressed local teacher Maria Randell so much, she told the UF group she hoped they could come back twice a year.

"The presentation was outstanding," said Randell, a teacher at Oak Hall School, in a written evaluation. "They were extremely comfortable and receptive to the students' questions.'

Erica's team, who all juggled classes, studies and exams while providing the community service outreach, is pleased with the positive response from teachers and their students. But they have their sights set on a bigger goal.

What if the UF College of Pharmacy Class of 2010 could lead an initiative for all pharmacy school students across the state to reach high schools everywhere in Florida?

Stay tuned...

Scholarships

Al and Belle Meyerson Scholarship

Broward County resident, academic performance, financial need: Hoi Ting Lau

Biotechnology Education Scholarship

Supports students interested in Biotechnology; taken PHA5172 in prior year or currently; GPA 3.0 or higher; essay; demonstrated financial need: 2009 to be named

CVS/pharmacy Scholarship

3PD/4PD, good academic standing and an interest in a career in community pharmacy practice: 2009 to be named

DeSantis Scholarship

Two students in final two years, good academic standing and financial need: Jeni Norstrom, Ariel Vega, John Roth

Elizabeth Eaton Award

Recognizes excellence in searching, evaluating and applying evidence in clinical decision making and quality improvement. 2009 to be named

Francene Trainor Memorial Fund

Reward outstanding student leader with professional development funds to attend a meeting - patient counseling related: Alicia Minch

Institute for Pharmacy Entrepreneurs Scholarship

Awarded to a 3PD or 4PD who has an interest in ownership; Essay: Ritesh Patel, Susan Davenport, **Matthew Kirchoff**

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: Lauren Carter

Kazarian Family Scholarship Good academic standing; financial need: Susan Norman

MedCo Scholarship 4PD in good academic standing: Courtney Church, Kristi Handy, Lee Johns, Ashley Kaspar, Lindsay Kaun, Shanelle Noble, Barbara Pritchard, Leslie-Ann Senegal, Nicholas Sorenson, Jamie Thomas

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

Oscar Araujo Alumni Scholarship

Osunbade

Financial need, first professional year: Anna Delgado, John Sheehan, Wei lei, Starr Bedy, Jessica Farach, Robert Co, Danielle Stiles, Andrea Pedro

Russ & Carol Blaser Memorial

Married with children, GPA 3.4 or higher, most financial need: Anne Schiefer

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. 2007-08: Abigail Dee, Anna marguez, Hayley Ball,

Suzy Wise, Susan Davenport, Joshua Pullo, Kristin McNeil, Lindsey Childs, Karen Berger, Ritesh Patel, Joshua Bell, Mark Atalla, Lauren Carter, Cristina Vida, Christina Palleschi, Jennifer Francis, Meagan Boyd, Kevin Taylor, Loretta Giusti, Susan Norman, Nicolette Mathey, Jeremy Deni, Thomas Van Winkle

2008-09: Jennifer Rogers, Kerry Ann Chamberlain, Julie Ann Billedo, Jessica Farach, Hayley Ball, Joshua Pullo, Ana Marquez, Isaak Smith, Samantha Renae Lewis, Joy Dixon, Erica Gomez, Jacqueline Tower, Sara Nessari

Valerie Calkin Griffith Scholarship

Supports pharmacy student: 2009 to be named

Victor Micolucci Scholarship

Financial need, academic standing and lack of parental financial support: Nicholas Terranova

Walgreens Company Scholarship

Essay and academic performance in pharmacy administration coursework: Elizabeth Brule

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: Sana Rokadia, Andrea Pedro, Diana Sum, David Burnett, Laura DeMonarco

William T. and Jackie C. Reid Scholarship in **Pharmacy**

Financial need and academic excellence: Erica Fernandez

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: Julie Ann Justo

Newly Funded Scholarships

Awards to be announced in 2009

Dolph Cone-Sandy Prickett Scholarship

Supports scholarships to pharmacy students who graduated from a Florida public educational institution.

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.

alumni

Don't Just Survive... **THRIVE**

It is wonderful to be part of The Gator Nation graduates of UF's distinguished College of Pharmacy. This past October, many of us had the opportunity to celebrate our special bond with family, friends, faculty and classmates by attending the 22nd Annual Reunion CE & barbecue on Homecoming Weekend.

What a fabulous time that turned out to be! New memories were made as old times were reminisced. Our College of Pharmacy memories are due in part because of the many that attended the University before us and became committed to the future—not just to survive, but to THRIVE.

I light up when I have an opportunity to tell my story. Maybe it's my orange-and-blue-framed eyeglasses or my Gator ring, but invariably someone says to me, "you must be a Florida Gator fan."

"Yes, I'm a fan, but more importantly," I reply, "I am a Florida Gator

My father attended the University of Florida in 1931. I am so very proud of that legacy. The fact that I attended UF, as did my three siblings, fills me with an overwhelming sense of gratitude. I know that I am fortunate because my parents, first-generation Americans, recognized that higher education was the most important commodity they could give their children to compete and succeed in the world ahead.

Even in current difficult economic times, graduates of UF's College of Pharmacy more than just survive — we THRIVE. We know this because the profession of pharmacy THRIVES as an essential part of the healthcare system. As a collective professional community, it is in our best interest to remain committed to the mission of our college - our Alma Mater. If each of us give what we think is a small gift, collectively these gifts add up to one large, significant contribution.

As Alumni, you have an opportunity to participate in a special program and by doing so, leave a legacy that will continue to live on through the work and dedication of our faculty, alumni and friends. I am referring to a program known as Five to Thrive. For more information on this very special program, please contact Kelly Markey in the college's office of Development & Alumni Affairs.

Serving as your Alumni President is a special honor and a privilege. I thank all of you who support the UF College of Pharmacy in so many ways. It is my sincere hope that each of you will continue to embrace the mission of UF and carry on its wonderful traditions.

In closing, the phrase that says it all; **Go Gators!** And, today, I'm adding a special shout out to each of YOU...

Go UF College of Pharmacy Gator Alumni!

JoAnn Nuccio, R.Ph., ('78) UF College of Pharmacy Alumni President





reunion class reps

CLASS OF 1963

Mary-Elaine Plescia Fumea

CLASS OF 1978

Patt Kipp, JoAnn Nuccio & **David Winkles**

CLASS OF 1983

Andy Loccisano

CLASS OF 1988

Theresa Tolle & John Garcia

CLASS OF 1998

Carol Motycka & Gina Harper

CLASS OF 2003

John Gregg, Katherine Anderson & Crystal Wink

Looking for 2009 reunion class reps! Years: 2004, 1999, 1994, 1989, 1984, 1979, 1974, 1969, 1964...

2009 Events Calendar

Career Days

January 22 - Gainesville January 23 - Jacksonville February 6 – St. Petersburg February 13 – Orlando

■ Multicultural Dinner

February 21 - Gainesville

Graduate Research Showcase

February 19 - Gainesville

Professional Coating Ceremony

March 28 - Gainesville

APhA Dean's Night Out

April 4 - San Antonio

119th FPA Annual Meeting – **Gator Reception**

July 8-12 - St. Augustine, Renaissance Resort at World Golf Village

43rd FSHP Annual Meeting – **Gator Reception**

July 31- August 2 - Orlando, Buena Vista Palace Hotel

Dean's Circle Reception

September 4 - Gainesville

23rd Annual Alumni Reunion & CE

Sept/Oct (Tentative) - Gainesville

■ 16th Annual Ken Finger CE & Golf

October (Tentative) - Gainesville

National Advisory Board

November 6-7 - Gainesville

Grand Guard 50th Reunion

November (Tentative) - Gainesville

ASHP Mid-Year Clinical Meeting

December 6-10 - Las Vegas



2008 **Homecoming** Reunion











[1] Pharmacy student Matt Lambie has a pie with Professor Tom Munyer's name on it! [2] Megan Kloet, ASP president & Veronica Chick raise money for a good cause.

[3] Dean Riffee shows his appreciation to Bob Pruneau, who served as 2007 Alumni President. Raffle Winners: [4] The Alfonso family wins a Gator? (Christian, with parents Kevin & Michele, and sister Amelia) and [5] Jim Lumbard sports his new Gator bike.

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.

Annual Membership Levels and Benefits BENEFACTOR* \$1,000+

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- ▶ Exclusive college lapel pin
- ▶ Invitation to the Dean's reception
- ▶ Special rate for Ken Finger Golf Tournament

AMBASSADOR \$500+

- ▶ Exclusive college lapel pin
- ▶ Invitation to the Dean's reception
- ▶ Special rate for Ken Finger Golf Tournament

Donations are tax deductible as allowed by law.

You can give a gift online at:

www.cop.ufl.edu/alumni/giving.htm

Or contact:

UF College of Pharmacy Office of Development & Alumni Affairs PO Box 103570, Gainesville, FL 32610 Phone: 352.273.6605

markey@cop.ufl.edu

This report reflects donations made July 1, 2007–Nov. 30, 2008. July 1, 2007-Nov. 30, 2008.

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

Honor Roll Donors

We thank these friends and alumni for their continued support to the college.

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Tallahassee Outreach Event hosted by John & Kay Taylor: From Left: Bill Riffee, Beth Presnell, Suzy Wise, Rod Presnell, Kay Taylor, John Taylor, Ken Yon and Tom Munyer.

ast spring, the college hit the road, travelling throughout Florida to bring faculty and student leaders together with alumni and friends. Hosted by our alumni in their own hometowns, these dinner receptions gave our faculty, Professors Tom Munyer and Paul Doering, and students like Suzy Wise, an opportunity to share their personal experiences in teaching and learning.

We hope that in Spring 2009, you will join us in meeting fellow UF pharmacy alumni in your area and find out first-hand why we are so proud of our college. Want to help us host an event in your town? Contact Kelly at 352-273-6605 or markey@cop.ufl.edu for details. It's a piece of cake... and dinner too!

Campaign Outreach Events Spring 2009

Lakeland

Thursday, February 12 Host: Ed Hamilton, Bob Renna

& Steve Reeder

Plant City

Friday, February 13 Host: Myrle Henry

Jacksonville

Thursday, February 26 Host: Harold O'Steen & Gill Weise

Ft. Mvers

Saturday, February 28 Host: Gary & Connie Hogrefe

Naples

TBD (March 2-6)

Host: Constance & Everett Alsbrook

Thursday, March 19

Host: Mike MacLeay & Dan Devine

Tampa

Friday, March 20 Host: JoAnn Nuccio

We hope to see you at a reception near your town. For details, contact markey@cop.ufl.edu

BACK to the FUTURE? Thoughts on Planned Giving

The UF College of Pharmacy, now in the fourth year of the UF Florida Tomorrow campaign, stands proudly on an 85-year tradition of service, advocacy and excellence. Looking to the future, we are strengthened today through the lasting commitments of our friends and alumni. We have many supporters who had the forethought to create their legacy at the college via a planned giving vehicle — not the Delorean model.

We would like to share a time-travel example from the past classes of '41 and '59 who, through effective planned giving opportunities, are right now, ensuring the college's success with sights set "back to the future." Why does it matter? For one thing, their plans mean much more than giving a donation to a university. They are giving to their college of pharmacy to benefit all its alumni — past and future. How? Their planned gift provides for their own family needs today, honors the education and mentoring from their past, and ensures the sustainability of their college far into the future for another 85 years and longer.

We hope Jeanne and Ron's words below will inspire you to answer this question: "How will you change pharmacy tomorrow?"

A bequest enables you to keep control of your assets during your lifetime and still make a gift to the college. You can choose to complete your gift through your will or revocable living trust. The estate tax deduction for a gift to charity is unlimited. You can choose to give a specific amount or a percentage of your estate. Likewise, you can also designate your bequest for the unrestricted use of the college, or for a specific purpose.

A bequest gift of \$30,000 or more may be designated to create an endowed fund in memory of a loved one, or to carry your own name.



Jeanne L. Scheibler. Class of 1941

Jeanne Scheibler established her bequest for the Jeanne Scheibler Scholarship to support pharmacy students in need. She even left her own message to her future scholarship recipients.

"I wish them good luck and want them to study hard. You have to concentrate, even if your professor is boring, not go out and be playboys or playgirls. After you graduate, start saving a nest egg, don't spend everything you make. When I was in school, the only women on campus were in pharmacy and law, so the distractions were plentiful."

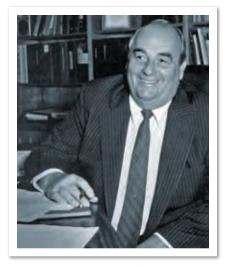
But, Jeanne was not distracted; she graduated first in her class. By establishing a planned gift to the UF College of Pharmacy, Jeanne Scheibler's legacy will forever be linked to a college recognized for its commitment to excellence in educating pharmacy students of the highest levels of promise and achievement.

A Charitable Remainder Trust (CRT) is a versatile gift vehicle where assets are placed in a trust that provides benefits to one or more designated beneficiaries for their lifetime or a term of years, after which what is left — the remainder — is distributed to a named charity or charities. A CRT enables a donor to pre-select the annual payout rate for selected beneficiaries and secure a future gift to satisfy the donor's charitable goals.

At the UF Foundation, a CRT requires a minimum gift of \$50,000 if UFF is to be trustee, and at least 50 percent of the remainder must be irrevocably designated for the benefit of UF.

Ron Brenner chose to set up a Charitable Remainder Trust to support graduate students in the college and still generate income for his retirement. When asked about what motivated him to think about making a gift to his college, Ron described his strong sense of responsibility.

"My mother always said that when you left a place, it should be better for your having been there. I believe that — and I feel strongly about it. I don't believe we are here to just enjoy ourselves. We're here to make a difference so that the world is a better place when we leave it. I guess if I had one goal in life that would be it."



Ron Brenner, Ph.D., Class of 1959

For more information on planned giving, visit www.uff.ufl.edu/PlannedGiving or contact us at 352-273-6605 or markey@cop.ufl.edu





[top] Bunny Wooten Blood and Elvis; Anita Thompson gives career advice to pharmacy student Shannon Zandy.

Guard

n November, the University of Florida Grand Guard reunion honored the class of 1958. Pharmacy alumni Dolph Cone, Lloyd Cooper, Jr., Bill Atkinson, and Bunny Wooten Blood reunited for the celebration. Joining them were previous pharmacy grand guard inductees Anita Thompson '54 and Marilyn Underberg '56.

During lunch, classmates reminisced about professor "Gatling Gun" Gramling, who speed lectured, writing notes on the board with his left hand and erasing with his right hand. Stories were traded about ummm... "mishaps" in the chemistry lab, and about their careers and lives in the years since graduation. Class representative Dolph Cone '58 helped contact classmates and encouraged attendance.

Next year's Grand Guard will meet in November and honor the class of 1959. Please contact us if you'd like to get involved. What stories will the Class of '59 have to tell?

"I remember my first introduction to pharmacy when I took Dean Foote's course. Through that very early experience, I knew that pharmacy education suited me and that it would enable me to be the master of my destiny. I always say, that's when pharmacy found me, and I found pharmacy." Dolph '58



Dolph Cone and Lloyd Cooper, Jr. - 1958 class representatives.

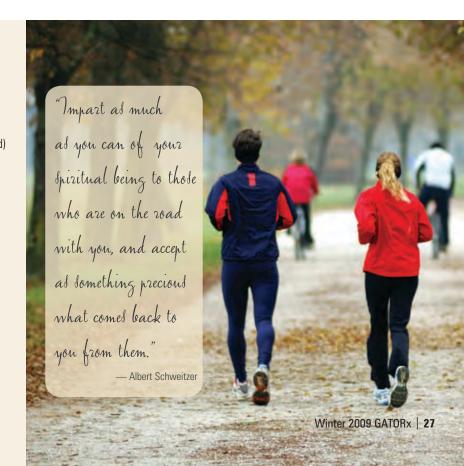
In Remembrance of Friends

Ahmed F. I. Asker ('64) Felix M. Berardo (Donna Berardo) Jerome J. Buchman Jeanenne Carroll ('52) Daniel E. Chitwood, Sr. (UF) Josephine S. Daigle ('55) Katherine Duckworth (friend) Ellen G. Eells (Nursing '64) William H. Finigan ('51) Henry D. Gallo ('52) George P. Grommet ('42) Don M. Hall ('65) Lindsay M. Harvey ('06) Donald B. Hershey ('62) James B. Huddleston ('80) Robert E. Johnston ('57) Kevin M. Latham ('04) James F. Leddon ('51)

Robert E. Lee

Franklin E. May ('73-'79) Beverly J. Millard (William Millard) Richard A. Mills ('57) David E. Murphy ('63) Nathan W. Perry, Jr. Fred C. Phillips (friend) James C. Phillips ('56) Jimmy M. Rogers ('64) Glen D. Shore ('74) Samuel J. Smith ('55) Mary Toribio William S. Ware John W. Wetmore ('67) George L. Winn ('58) Russell W. Womack ('73) John R. Wright, Jr. Kenneth D. Wurster ('72)

Robert B. Littler ('52)





remember when ...?

The UF College of Pharmacy has been through generations of historical and cultural change in its 84-year history. What was it like on campus when you were a student? Your class reps share a few memories from college days.

Class of 1963

Mary-Elaine Plescia Fumea

"Do you remember when we called The Swamp just Florida Field? The bleachers were made of wood and when we cheered by stomping our feet, the whole structure would shake! During our senior year banquet, skits were performed. The Kappa Epsilon girls did a dance to the tune of the "Stripper," wearing short lab jackets and black tights."



Class of 1978

Patt Kipp, JoAnn Nuccio & David Winkles

"For those of you who were in Patty's lab class, do you remember the ADH lab test? The one where the control group (Patty's group) drank nothing, the second group drank a pint of water, the third group drank a pint of NS and the fourth group drank a pint of beer. Everything was going as planned until the NS group started getting sick. It was discovered that the graduate student had a 2-point decimal error and the NS was 100 times more concentrated. I guess this is why we still have to take errors prevention in practice CE. The group that had the beer was reported as having the best time. Also, do you recall Bill Hughes and the wet shorts contest? It really was the tiger robe that did it. We loved Pete Pevonka's class the next day. "

Class of 1983

Andy Loccisano

"How is it possible that 25 years have passed? Those of you who attended UF prior to pharmacy school may remember the 1978-79 *0-10-1* Gator football record. Well now the Mighty Gators are three-time national champions, so BELIEVE me, anything is possible. Come join me for a time of reflecting back to our college days, and looking forward to more championships, both in football and our College of Pharmacy academic ranking."

Class of 1998

Carol Motycka & Gina Harper

"Do you remember our wild stats professor? He came to us from 'up the hill', had wild hair and always looked like he was either going on a cruise or had just crawled out of bed. He loved to tell us stories about how his background as a statistician helped him on his gambling trips with his dad! Or do you recall that crazy Kappa Psi Halloween party when our very interesting red-headed Pathophysiology professor arrived in black leather holding a whip? Those were some crazy parties!"

Class of 2003

John Gregg, Katherine Anderson & Crystal Wink

"Five years - where did the time go? Remember how stressed out we used to get about tests, thinking that school would never end? "Verbal defense day" - we filled the room with nervous energy! Looking back, it is possible our anxiety actually brought us all together. What we recall now, though, is the fun stuff like Gator football games, wine and cheese parties, tailgating, and our graduation party. If you haven't been back to the college in recent years, much has changed. You will find the environment to be more dynamic than ever. Let's get together without the stress of a 'Main Case' and celebrate!"



Teresa Tolle & family

Class of 1988

Theresa Tolle & John Garcia

"It seems like only yesterday, but it has been 20 years since we received our pharmacy degrees from the University of Florida. In those 20 years there has been much to celebrate at UF. Our Gator football team has won eight conference titles and three national championships. Come celebrate the UF College of Pharmacy being selected as one of the top 10 pharmacy programs in the country."









- with their parents??

Ken Finger Golf Tournament CE Program 2008

First Place:

John Cromer, Wen Cromer, Bill Bass, Shimal Patel

Second Place:

Jim Springer, Pete Pardo, Chuck Fenn, Scot Miller

Third Place

Richard Neal, Woody Sereda, Steve Webb, Bill Hulsizer

Longest Drive: Lionel Dubay, Shimal Patel

Closest to Pin:

Pete Pardo, Rick Stone, Jim Springer, Steve Reeder

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Left to right:Harold O'Steen's got game; Real men eat steak – ChrisReeder, John Beckel, Steve Reeder, Jake Beckel; First-place team















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