COLLEGE OF PHAPMACY

- DevelopingLeaders Today
- AdvancingResearch Tomorrow





UF FLORIDA





#### LETTER FROM THE DEAN



he College of Pharmacy's "Funding Excellence to Sustain Excellence" campaign officially launched this September as part of the University of Florida's seven-year campaign — Florida Tomorrow. Our college is shaping the future of pharmacy health care, not only in Florida, but throughout the world. We hope to inspire alumni, friends, corporations and foundations to invest in our programs by supporting our most valuable asset: our faculty and our students.

Today, the practice of pharmacy has come full-circle to exemplify the community pharmacist of yesteryear, who not only dispensed tablets and elixirs, but was an integral part of a family's health care. Tomorrow will bring many new challenges. The profession is rapidly changing in response to environmental and societal factors such as longer life expectancy, increased number of drug prescriptions and a greater divide between economic classes. Our college is addressing these demands and looking further into the future to investigate emerging healthcare issues that are moving to the forefront.

Building a foundation for excellence takes forethought, time and resources. The College of Pharmacy – the oldest health science college at UF – has demonstrated this in its enduring quality program developed and sustained for more than 80 years.

Our mission is to promote the health and welfare of the people of Florida and the nation by preparing graduates in pharmacy to take independent professional responsibility for the outcome of drug therapy in patients. We are proud that our graduates have the scientific and cultural background necessary to assume leadership roles in the profession and community.

With the right resources, today, we can expand our impact to affect more lives, in more places with a greater depth of solutions while educating and preparing pharmacists for tomorrow. I look forward to the journey, and invite all advocates of pharmacy health care to join me in creating a place of drug discovery, a day of partnerships and a belief in health access for all.

Sincerely,

Dean William Riffee, Ph.D.

William H. Reffer D



#### **GATORx Magazine**

is produced by the University of Florida College of Pharmacy for its alumni, faculty and friends.

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ON THE COVER: Advancing Research: Nicholas Bodor, Ph.D., a graduate research professor at UF College of Pharmacy, shows his comittment to Pharmacy Tomorrow with a gift that supports drug discovery. Photo by Sarah Kiewel

### **TODAY:** Developing Leaders

## UF Alumni Step Up to National Leadership

By Lisa Emmerich



Murphy



Hamilton



Beck

When **John E. Murphy,** Pharm. D., was a student at the UF College of Pharmacy, he had a blast at his pharmacy fraternity's parties. But he got a lot more than just a good time out of the experience.

Murphy is one of several UF alumni who give back to the profession through leadership in national organizations. Now the president-elect of the American College of Clinical Pharmacy and a professor and associate dean of the University of Arizona's College of Pharmacy, Murphy said his inspiration to become a leader in the field of pharmacy began at UF.

"You have some fun, play sports, have a party here and there, but you're also learning more about the profession and how it fits into the bigger picture of taking care of patients," said Murphy, who earned a BS in Pharmacy in 1976 and a Pharm.D. in 1979. "It is the connections that you make that then inform your work and allow you to get better and move up the ladder."

**ACCP** – The American College of Clinical **Pharmacy** is a professional and scientific society that provides leadership, education, advocacy, and resources enabling clinical pharmacists to achieve excellence in practice and research.

**Ed L. Hamilton,** Pharm.D., another UF College of Pharmacy alumnus, has served pharmacy organizations on the state level and is now the president-elect of the American Pharmacists Association, a nationwide network of 60,000 pharmacists.

Hamilton, who first earned his B.S. in Pharmacy in 1975, said he found inspiration early on in his student days.

"There were leaders from UF who showed me that you don't just take from the profession, you give back to it," said Hamilton, who now serves as director of pharmacy at Regency Medical center in Winter Haven, Florida. "One of my earliest mentors taught that you don't go by the old saying and 'give until it hurts.' Rather, you give until it feels good. If you do it for the right reasons, you get back more than you can ever imagine."

He returned to UF, earning his Pharm.D. degree in 2000 through the college's Working Professional Pharm.D. program while continuing his professional work. Becoming a leader in the field has been time consuming, Hamilton said, but it has also been

rewarding because he has helped shape the profession's future.

APhA — The American Pharmacists Association provides a forum for discussion, consensus building, and policy setting for the profession of pharmacy.

Diane L. Beck, Pharm.D., graduated in 1977 from the UF College of Pharmacy. She joined the American Association of Colleges of Pharmacy with no intentions of becoming a leader. Instead, she saw a need to improve pharmacy professors' resources for assessing experiential learning. Since she couldn't find the resources she needed, she decided to help create them.

"I continued to actively share my thoughts on what needed to change in pharmacy education," said Beck, a professor and director of educational and faculty development at the University of Florida College of Pharmacy. "This led me to fulfill a variety of leadership roles within AACP. I chose to speak up and stimulate solutions to the needs of pharmacy education - my colleagues chose to elect me as a leader."

In 2005-2006, Beck served as president of the AACP. As her involvement grew, Beck said she became a better pharmacy educator through talking and sharing with other leaders in the field.

"The work that could be done collaboratively was much greater than working in isolation," she said.

The three UF alums share a vision for the field of pharmacy: making pharmacists a bigger part of patient care by changing the focus of the profession from the drug product to the patient. The leaders said pharmacists should put to better use their medication therapy management skills and act as advocates for patients, playing an increased clinical role.

"I believe that we have not seen the best day we will have (as pharmacists)," said Hamilton. "Don't wait. Show some initiative and go do the things that you want for your profession. Some people sit on the sidelines and complain. Your option is to get involved and make things better."

**AACP** – The American Association of Colleges of Pharmacy is a national organization representing pharmacy education in the United States. serving as an advocate for nearly 100 accredited colleges and schools with pharmacy degree programs.

### TOMORROW: Advancing Research

## Investing in the Future of Drug Discovery at UF

n internationally-recognized scientist and graduate research professor, whose career in drug design and delivery spans 40 years, is giving a \$600,000 gift to promote drug research at the UF College of Pharmacy.

Nicholas Bodor, Ph.D., executive director of the UF Center for Drug Discovery, and his wife Sheryl, wish to create a professorship in drug discovery to continue the area of teaching and research that he enjoyed for nearly 25 years at UF's College of Pharmacy. The Bodors' gift will allow the college to apply for state matching funds that will result in a \$1 million endowment to support the work of a faculty member in drug discovery.

During his tenure at UF, Bodor supervised the training of more than 150 graduate students and post-doctoral associates.

"Today, my students are working in all parts of the world – including Europe, Asia and even Iceland," Bodor said. "It's like seeing your children grow and become successful in their careers."

One former graduate student, Marcus Brewster, Ph.D., now a distinguished research fellow at Johnson & Johnson Pharmaceutical Research & Development in Belgium, recalls his professor's mentoring back in the 1980s at UF.

"I learned so much working with Dr. Bodor," Brewster said. "The science was the most important, but he provided the full package for a future scientist, including how to present your work and influencing people on your points of view. I learned networking, and how to problem solve."

In 2000, Bodor took a leave of absence from his academic posts to accept a position as senior vice president of basic research and drug discovery at the IVAX Corporation. He served as chief scientific officer of the IVAX Corporation for four years.



Bodor's main research interests include design of drugs with improved therapeutic index, design of new chemical delivery systems, computer-assisted drug design, drug transport and metabolism, and theoretical and mechanistic organic chemistry. He has published more than 500 research articles, has more than 180 patents, and serves on the editorial boards of several international scientific journals.

In 2004, Bodor was awarded the Gold Cross of Merit of the Hungarian Republic — the country's highest state honor, and the following year, he received an honorary Doctor of Science degree from the University of Florida. This November, Bodor accepted the Distinguished Pharmaceutical Scientist Award from the American Association of Pharmaceutical Scientists. The AAPS research award recognizes researchers whose accomplishments made an impact in pharmaceutical sciences and technologies.

## AAPS Distinguished Pharmaceutical Scientist Award

Nicholas S. Bodor, Ph.D., a graduate research professor at the UF College of Pharmacy, received the Distinguished Pharmaceutical Scientist Award in November from the American Association of Pharmaceutical Scientists. The AAPS research award recognizes researchers whose accomplishments made an impact in pharmaceutical sciences and technologies. An internationally-recognized scientist and executive director for UF's Center for Drug Discovery, Bodor was honored for his comprehensive drug design and drug targeting concepts known as retrometabolic drug design.

AAPS is a professional, scientific society of more than 13,000 members in academia, industry, government, and research institutes that provides an international forum for the exchange of knowledge among scientists to enhance their contributions to health.



E. F. "Gene" Fiese, Ph.D., (r) 2007 president of AAPS, presents the Distinguished Pharmaceutical Scientist Award to Nicholas Bodor at the annual meeting in San Diego.

## TOMORROW: Advancing Research

## Pharmaceutical Outcomes & Policy

The College of Pharmacy's department of health care administration is stepping up to the new year with a renewed commitment that better defines its mission and a \$1 million gift to support that mission.

#### Renaming Health Care Administration

This commitment is reflected in the department's new name; Pharmaceutical Outcomes & Policy. The name got a thumb's-up after a more than year-long campuswide approval process from the faculty senate all the way to the UF Trustees.

The name change is a product of evolution as the science of pharmacoepidemiology emerged, said Department Chair Rich Segal, Ph.D., who describes it, as the study of drug use and safety in whole populations. The department's roots were established in the days when pharmacy administration was focused on drugstore business and accounting issues. Since the

1980s, pharmacy healthcare management has taken on a new social and psychological role — one that was focused on patient medication outcomes.

"Our research is cutting edge and we need a department name that accurately describes our mission in order to attract the best faculty, researchers and students," Segal said.

Segal points to the research findings in his department — like medication errors in hospitals, risks for children taking stimulant drugs, and the cost and effectiveness of immunization drugs. These findings all potentially have a national impact on healthcare policies that affect all patients, he said.





## The Need for

ll leading academic research programs are driven by the fruitful interactions of graduate students and postdoctoral fellows with their faculty mentors. It is only through recruitment of the most gifted and qualified candidates that the college can be successful in research and graduate endeavors. We must be able to offer competitive funding to attract the best and the brightest from across the nation.

A nationally renowned graduate program supports and retains crucial faculty by providing the resources for faculty to continue their cutting-edge research. In essence, it is the fuel that runs our research engine and makes new discoveries possible. Discoveries that are currently creating new compounds and more efficient ways to bring drugs to market, thereby enhancing medication therapy management and decreasing errors, resulting in better drug therapies that improve patient care and quality of life.

We have created the College of Pharmacy Graduate Student Education and Research Endowment, which will be the cornerstone to sustainability by reducing the dependence on fluctuating revenues. The income from the endowment will sustain activities such as the research showcase and the summer research internship that has been supported by uncertain government funding. In addition, it would be able to support fellowships, new activities, and program enhancements.



#### \$1 Million Gift Supports Graduate Research

In fall 2007, the department received a \$1 million gift to support the graduate student research in these areas. The new gift, creating the DuBow Family Graduate Student Education Fund is eligible to receive state matching funds from the State of Florida Trust Fund for Major Gifts, offering a potential increase to \$1.75 million.

"The gift not only recognizes the future need for research in the ever-changing field of pharmacy, it also serves as a lead gift in the college's capital campaign," said Dean William Riffee. "Student and research support are two key areas of need in the campaign."

Christian Hampp, a graduate student in the department, was named the first supported student by the endowment. Through his work in pharmacoepidemiology, he is investigating ways to optimize the care-versus-expense of a costly drug therapy. The therapy is used for prevention of respiratory virus infection in early childhood.

## Graduate Education & Research

Generating student interest in research at the undergraduate and/or professional level is vital to the growth and development of research in the college and the profession. Providing undergraduate pharmacy students opportunities to explore research allows them to make career decisions very early in their educational program. The college offers two initiatives for early research experience.

The Annual Research Showcase brings experts from the pharmaceutical industry to campus to speak and interact with students. More importantly, it provides students much-needed experience in the formulation and presentation of research findings to their peers and industry judges. In 2007, we had a record number of 50 entries in four competitions.

The Summer Research Internships provide a 10-week immersion into disciplines such as pharmacy practice, pharmacogenomics, pharmacoepidemiology, pharmacoeconomics, drug discovery and patient safety. Students shadow a faculty member and undertake various aspects of research while gaining an appreciation for alternative career paths for advanced post-Pharm.D. training (e.g., fellowship training and graduate education).

If you would like more information on supporting Graduate Student Education & Research, contact Kelly Markey at markey@ cop.ufl.edu.

## 20th Annual College of Pharmacy Research Showcase

With more than 50 entries, last February, the UF College of Pharmacy marked its largest research competition to date.

Richard L. Lalonde, Pharm.D., the global head of clinical pharmacology at Pfizer, gave a keynote address on drug development. Lalonde met with graduate students to answer questions about research career opportunities in the pharmaceutical industry, encouraging them to consider



(left) Richard Lalonde of Pfizer; Graduate students — Martina Sahre, Jian Xu and Stephan Schmidt; (in back) Professor Hartmut Derendorf

clinical research in drug development.

"This is an exploding discipline with an extremely high demand." Lalonde said.

Using pharmacokinetic and pharmacodynamic principles for optimal development and utilization of new drugs in patients, Lalonde has built a clinical pharmacology organization at Pfizer that is considered a leader in the application of model-based drug development.

Through a \$500,000 award, Pfizer supports clinical graduate research at the UF College of Pharmacy.

#### **ORAL COMPETITION WINNERS:**

**Senior Division** Preeti Yadava, pharmaceutics

**Junior Division** Anzeela Schentrup, pharmaceutics

**Junior Division** Krista Renner Wilson, medicinal chemistry

**Levitt Division** Ahunna Onyenwenyi, pharmaceutical

outcomes & policy

#### **POSTER COMPETITION WINNERS:**

**Graduate Student** Chinki Bhatia, pharmacodynamics

Stephan Schmidt, pharmaceutics

**Pharmacy Student Gregory Welder**, pharmacy practice

**Post-Doctoral Fellow Division** Michael Pacanowski, Ph.D.,

pharmacy practice

Rachel Witek, Ph.D., medicinal chemistry

#### The college also recognizes the following supporters for 2007:

Novartis, Drug & Biotechnology Development, LLC., Robert and Maria Bell ('88); Robert A. and Phyllis Levitt ('61); Watson Pharmaceuticals, Francisco Alvarez ('81); DENALI BioTechnologies, LLC, Maureen McKenzie; American College of Clinical Pharmacology, Vikram Arya, ('03); Ping Liu ('02); Sooyeon Kwon ('04); Gwen (Victoria) De Leon ('94); Yan Gong ('04); Brian Sauer ('04); and Julia Winkler ('04).

## Asthma Inhaler Replacement in 2008

By Lyndsey Lewis

common asthma inhaler powered by a new propellant is safe and effective but could come at nearly triple the cost to consumers until a generic version hits the market, according to a review in the New England Journal of Medicine last March.

Conducted by two university professors and a director for the Food and Drug Administration, the review examines the consequences of switching to hydrofluoroalkane, which is replacing chlorofluorocarbon, or CFC, as a key ingredient in albuterol inhalers designed to relieve asthma. The FDA has ruled that U.S. sales of CFC albuterol inhalers be prohibited after 2008.

About 52 million prescriptions are filled for albuterol each year in the United States, with most containing a generic version of CFC. But because of rising global concerns about CFC's ozonedepleting effects, "medically essential" inhalers are finally joining a list of banned products that started in 1978.



The researchers say their analyses show that inhalers with CFC and the new brands that contain hydrofluoroalkane, or HFA, are equally effective at treating asthma.

"Hopefully, by communicating with health-care professionals, we'll be able to reassure patients," said Leslie Hendeles, Pharm.D., the University of Florida professor of pharmacy and pediatrics who spearheaded the review. He worked with Gene L. Colice, M.D., a professor of medicine at The George Washington University School of Medicine, and Robert J. Meyer, M.D., who directs the Office of Drug Evaluation II at the FDA.

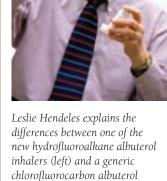
Albuterol, one of the medicines that relieves asthma attacks, is the seventh most commonly prescribed drug in the United States. Because it's so widely used, the report predicts Americans will spend an additional \$1.2 billion a year on three patented

inhaler brands containing the new propellant (Ventolin, ProAir and Proventil) until generic versions reach pharmacies, probably after 2012. Patients who pay for their own medications will pay on average \$26 more per prescription and those with prescription benefit plans will likely face higher co-pays as well, according to the review.

Additionally, while the new inhalers are just as effective as their traditional CFC counterparts, a few differences have been reported. One brand, for example, comes sealed in a protective pouch. After that pouch is opened, the drug carries a shelf life of just two months, while most inhalers can typically be stored for 15 to 24 months, Hendeles said.

Consumers will also notice that only the Ventolin brand of HFA inhaler comes with a counter to track how much medicine is left. For that reason, Hendeles suggests keeping a backup inhaler handy if physicians prescribe a device without a counter.

"There isn't any reliable way of estimating when they're going to run out," said Hendeles, who also serves as a consultant to



inhaler, (right) which will be withdrawn from the U.S. market after 2008 because of rising global concerns about CFC's ozonedepleting effects.

The review also reports that some HFA inhalers tend to clog more easily. To prevent clogging in HFA inhalers, Hendeles advised, patients should remove the devices' metal canister once a week and clean the plastic actuators with warm water.

Not all of the new HFA inhaler products are ideal for everyone and health-care providers and their patients should be aware of important differences. Two brands of HFA inhalers contain ethanol and it may not be an appropriate therapy choice for some, Hendeles said.

Hendeles noted that CFC inhalers release negligible amounts of the propellant, and do not pose a threat to ozone depletion. However, the United States joined more than 185 other countries in signing the Montreal Protocol, an international treaty requiring complete withdrawal of all CFC products. The inhaler, deemed medically necessary, was exempt until new market replacements using HFA became available.

Hendeles said he hopes the review will dispel myths about HFA for doctors and patients. Still, even though HFA inhalers are safe for the environment and effective at treating asthma, some people may feel uncomfortable when making the switch. HFA inhalers spew slower and warmer plumes of medicine than their CFC counterparts, so asthma patients may fear their new inhalers aren't strong enough.

"There undoubtedly will be some people who are absolutely certain it doesn't work as well," Hendeles said, adding that patient education is the key to proper care.

## Cost vs. Care:

## Researchers Analyze Benefits of Costly Drug for Dangerous Virus

By Lisa Emmerich

hile Respiratory Syncytial Virus most often causes symptoms similar to the common cold in adults, it can lead to serious respiratory problems in young children.

At its worst, the highly contagious virus, commonly called RSV, can lead to severe diseases such as pneumonia or bronchiolitis, which can cause lasting damage or even death. Officials from the Centers for Disease Control and Prevention estimate that RSV results in more than 125,000 hospitalizations and 4,500 deaths every year.

At present no vaccine exists, but the antibody drug palivizumab has been shown to prevent the disease. Clinical trials show palivizumab reduces RSV hospitalizations by more than half. Unfortunately the drug costs \$1,200 a dose, heightening concerns that it may be prescribed to patients who won't benefit from it and underused by those who need it. That's why UF researchers studying the effectiveness of palivizumab in Florida Medicaid infants are trying to determine who benefits most from the preventive treatment.

"Since it is costly, it is important to determine who benefits most and under what conditions optimal effectiveness is achieved," said Almut Winterstein, Ph.D., an assistant professor in the UF College of Pharmacy who is leading the study.

In collaboration with the UF Center for Medicaid and the Uninsured and the Agency for Healthcare Administration, Winterstein and Arwa Saidi, MBBCh, a clinical associate professor at the UF College of Medicine are exploring the effectiveness of the costly drug and trying to pinpoint who it helps and during what season. Typically, the medication is recommended for children under 2 who are most at risk for infection, including those with chronic lung disease or congenital heart disease and premature infants. It is typically given over a period of five months during RSV season, which is similar to flu season.

Understanding how effective the drug is in these patients is important, Winterstein says, because while palivizumab has been shown to reduce the risk of RSV infections in certain high-risk groups of children during clinical trials, it is unclear whether the same level of effectiveness can be achieved in reallife populations.

The researchers will analyze 12 years of Florida Medicaid data on hospitalizations related to RSV and compare it with the use of palivizumab. Preliminary results show use of the medication during peak RSV season decreased RSV-related hospitalizations. But during the off-season the decrease was much more subtle.



"Since it is costly, it is important to determine who benefits most and under what conditions optimal effectiveness is achieved."

- Almut Winterstein

The RSV season varies depending on the state. In Florida, the season is difficult to pinpoint because it differs across regions. Winterstein's team is using geographic mapping software to analyze RSV infection rates, immunization usage and effectiveness for different counties across the state.

Because the preventive medication only lasts for 30 days, it must be used monthly throughout a patient's period of high risk to provide maximum effectiveness. Winterstein said many children receive only one dose during the season, which likely would not prevent infection.

Winterstein's full study will evaluate the effects of palivizumab immunization on RSV infection rates and the cost in various high-risk groups. She also plans to assess the effects of gaps in use

"The number of patients who are receiving the immunization has increased steadily and infection rates have clearly decreased," Winterstein said. "However, it seems that the growth in the number of immunized children during the off-season has less effect in RSV infection rates.'



## **Global Gators**

## Hold 6th International Symposium in Munich

he sixth biennial meeting for New Developments in Clinical Pharmacy and Clinical Pharmacology, held in Munich last June, brought together researchers from around the world who discussed relevant healthcare topics in clinical pharmaceutics and medicine.

The 2007 meeting, attended by nearly 100 scientists, educators and students, was organized by Hartmut Derendorf, Ph.D., a distinguished professor, and chairman of the pharmaceutics department of UF College of Pharmacy, and Markus Veit, Ph.D., managing director of International Drug Regulatory Affairs Services (i.DRAS GmbH) in Munich.

#### **A**ustria

Markus Müller, M.D., a professor and head of the department of clinical pharmacology at the Medical University of Vienna, and the Vienna General Hospital, discussed his experience in 15 years of microdialysis.

#### **■** Belgium

Marcus Brewster, Ph.D., a distinguished research fellow at **Johnson** & Johnson Pharmaceutical Research and Development in Beerse. Belgium, presented his work in drug development and the importance of supersaturation in solid oral dosage form.

## A Global Gator: Marcus Brewster

rom his education in the southern United States to his distinguished career in the Middle East and Europe, Marcus E. Brewster, Ph.D., ('82) is truly a Global Gator. The native Floridian from Jacksonville is a Distinguished Research Fellow at Johnson & Johnson Pharmaceutical Research and Development based in Beerse, Belgium where he now holds dual citizenship.

Working with Johnson & Johnson for the past 10 years, Brewster is the chief of the department of Pharmaceutical Sciences and head of the Early Chemical and Pharmaceutical Development Network in Europe.

At the Global Gator biennial symposium last June, he presented his research working with nanotechnology, solid solution, dispersion and other methods, used to improve delivery technologies for drugs and drug candidates that are poorly water soluble. The goal, Brewster says, is to improve the oral bioavailability of these drugs.

He also has worked in development of biodegradable polyester devices used for sustained release dosages. In another important drug research area, Brewster focuses on chemical modifications to improve drug organ targeting such as drugs that must be able to pass through the blood-brain barrier to treat cancer.

After receiving his B.S. in 1978 from Mercer University, Brewster earned his Ph.D. in Pharmaceutical Sciences in 1982 from the University

of Florida with Nicholas Bodor, Ph.D. serving as his advisor. His career in the pharmaceutical industry began with Pharmatec, a Florida company. A company merger that led to a three-month assignment in Israel, landed him in the Middle East for nearly two years. In 1997, through recommendations from his former professor,

Marcus Brewster (r) talks to UF pharmacy graduate students about career opportunities in drug discovery

Brewster moved to Belgium to become the head of Drug Delivery Research at what was then the Janssen Research Foundation.

Brewster sees the Global Gator meetings as a way for younger and older researchers to come together and share multi-disciplined studies and make lasting business connections to further their works.

"The Global Gators have forged an academic-industry networking resource that strengthens pharmaceutical research worldwide," Brewster said.



Claudia Goller (1) with tour guide Birgit Stempfle in traditional Bavarian dress.

#### The Gator Nation in Germany

A local organizing committee for the symposium, led by Bavarian pharmacists Sonja Mayer, Ph.D. and Claudia Goller, arranged for attendees and guests to experience the historical and cultural aspects of Munich. A walking city tour and boat tour in nearby Starnberg was planned before the daylong meeting. Following the meeting the German hosts sponsored the "GatorFest" banquet at the Munich Residenz palace.

#### Germany

Ulrike Graefe-Mody, Ph.D., conducts pharmacokinetic/ pharmacodynamic studies in drug development for Boehringer Ingelheim Pharma GmbH & Co. She discussed her work in biomarker-guided drug development for type 2 diabetes.

#### Japan

From Tokyo, Yuichi Sugiyama, Ph.D., from the University of **Tokyo** presented a plenary lecture on his research on strategies for drug discovery and development. Mariko Morishita, Ph.D., from Hoshi University, discussed her work on the intestinal absorption of drugs and efflux transporters.

#### United States

From the United States, seven presenters from the **University** of Florida included faculty from the colleges of Pharmacy and Medicine. **College of Pharmacy:** Nicholas Bodor, Ph.D. gave a plenary lecture on retrometabolic design of targeted drugs and chemical delivery systems. Paul Doering, M.S., prescription drug diversion and abuse; Günther Hochhaus, Ph.D., — simulations used in development of inhalation products. Jeffrey Hughes, Ph.D., — common themes in drug delivery; and Sihong Song, Ph.D. — gene therapy of type 1 diabetes. The College of Medicine: Mark Gold, M.D., a distinguished professor, — secondary environmental exposure and drug-addicted doctors. Saeed Khan, Ph.D., a professor in pathology — prevention of kidney stone recurrence.

Also from the United States: Ronald Sawchuk, Ph.D., a distinguished professor from the **University of Minnesota** presented his work in drug delivery to treat inflammation of the middle ear. Bernd Meibohm, Ph.D., an associate professor of pharmaceutical sciences from the **University** of Tennessee discussed his findings in chronic obstructive pulmonary disease and mortality of elderly patients.

## Interdisciplinary Course Prepares Students in Health Outreach

By Amelia Beck

orn and raised in Cuba, Leidi Paez, Pharm.D., knows what it's like to endure a toothache without adequate medication. That is why the 2007 UF College of Pharmacy graduate spent her spring breaks traveling to countries such as Ecuador and the Dominican Republic on interdisciplinary health outreach trips. Now, serving her residency at the Malcolm Randell VA Medical Center, she continues her participation, taking an active role in the planning process.

But not all trip participants have Paez's Spanish language and cultural background. For this reason, faculty from the colleges of Pharmacy and Medicine are teaming up to offer a course that will help prepare students.

The International Health course, offered as a "pilot" evening class over two consecutive semesters, began fall 2007 and continues spring 2008 term. The interdisciplinary nature of the course is evidenced by student attendance from five Health Science Center colleges, said Judith Riffee, B.S.Pharm., who is working with Richard Davidson, M.D., and Rob Lawrence, M.D., on the project.

"We have had presentations from the fields of public health, medicine, nursing, anthropology, and pharmacy," Riffee said.



Leidi Paez counsels patients on medication use in the Dominican Republic.

UF physical therapy, audiology, veterinary medicine and dental health programs – all of whom currently have significant international student activity - are also expected to join soon, she said.

The curriculum focuses on two crucial aspects of international trips: public health education and cultural issues. Often, practices such as proper hand washing, water purification and other hygiene regimens are not common knowledge in developing countries. Students who take the preparatory class learn life-saving health information they can, in turn, explain to patients.

The educational component is vital in order to make a difference after the volunteers are gone.

"We want to concentrate on 'joining hands' with in-country health providers to expand on programs that are important to them," Riffee said.

Building a sustainable project, another program goal, involves working in a single location so that efforts can be continued and expanded during future trips, she said. This approach builds ongoing relationships that lead to a beneficial outcome on the community's health.

The course also will explore cultural differences students may encounter in foreign countries. For example, volunteers must learn sensitivity when presenting contraceptive use to people whose religion does not condone it.

"We cannot effectively serve in a country and expect to do things our way," Riffee said. "It's terribly important to understand the cultural differences."

Paez said she thinks the UF preparatory course for outreach team members will be immensely beneficial.

"You have to establish cultural sensitivity," she said. "What you see in those countries you will never see here."

## Pharmacy Researcher Helps Hospitals Fight Antibiotic-resistant Infections

By Lisa Emmerich

nce considered wonder drugs that could cure any infectious disease, antibiotics are now ineffective against certain strains of bacteria, leading scientists and government experts to label antibiotic resistance a public health crisis.

A big part of the problem lies in hospitals, where many infections are formed and transmitted.

John G. Gums, Pharm.D., a UF professor of pharmacy and medicine, is tackling that problem. In 1997, Gums started the Antimicrobial Resistance Management program www.armprogram.com to help hospitals keep track of infectious diseases and their resistance to antibiotic drugs.

Hospitals enrolled in the free program provide Gums' team with laboratory data and receive periodic customized reports about drug resistance within their institution and around the country.

"Ideally, we would like hospitals to use the information we give them as the first step," Gums said. "We'd like them to realize they're not immune to this problem. They need to take ownership so they can do something about it."

Nearly 400 hospitals currently participate in ARM, and Gums said up to 2,000 more could join soon if an agreement with VHA, Inc., a national network of not-for-profit hospitals, is finalized.

According to the Centers for Disease Control and Prevention, nearly 2 million patients in the United States contract infections in hospitals each year. More than 70 percent of the bacteria that cause these infections are resistant to some antibiotics.

Across the country, an antibiotic-resistant strain of staph infection has become a growing problem in hospitals, where patients are often weak already and susceptible to infection. Named methicillin-resistant Staphylococcus aureus and commonly known as MRSA, this bacterium can cause severe skin infections that delve deeper or seep into the blood stream, causing serious conditions such as pneumonia and even death. Gums' statistics show that 50 to 70 percent of the staph infections in many hospitals no longer respond to treatment with methicillin.



To treat drug-resistant bacteria, doctors must use stronger or more toxic drugs. But when those drugs stop working, what happens next?

According to the Infectious Diseases Society of America, another facet of the problem is the lack of new antibiotic drugs in development. Pharmaceutical companies have very few new antibiotics in research and production phases.

Gums said that shortage makes hospital management programs essential.

"We have seen examples of reversals," he said. "We have seen hospitals improve their resistance rates with effort. I don't see that there's an option not to combat the problem."

ARM distributes graphs that show the relationship between antibiotic use and disease resistance, allowing officials to see a direct relationship between growing antibiotic use and increased drug resistance. It's a graph Gums calls the "crystal ball," allowing ARM officials to predict future resistance at particular hospitals.

Gums said he hopes hospitals use the information ARM provides to help them make decisions in managing the problem.

"With antibiotics, hospitals have to think, 'Giving out these drugs will benefit me here, but how will it hurt me somewhere else?""

## Retrometabolism

**Based** Drug **Design & Targeting** Conference

ince 1997, the Retrometabolism-based Drug Design and Targeting international conference series has brought together some of the world's leading pharmaceutical scientists to discuss drug design strategies for development of safe and effective new drugs.

Last June, the sixth biennial conference was held in Budapest, the native home of founder and organizer Nicholos Bodor, Ph.D., a graduate research professor at the UF College of Pharmacy. In previous years, the conference has been hosted in the United States and Japan.

The 2007 symposium, with more than 65 invited participants and 15 invited posters, explored optimization strategies using a controlled metabolism to improve drug therapies without unwanted side effects. Presenters and researchers discussed retrometabolism in enzyme-activated drugs developed for targeted delivery, improved bioavailability, and drugs designed for enzymatic degradation that become an inactive metabolite after reaching its therapeutic goal.

## **Pharmacy Educator** Receives National Biotechnology Award

A UF pharmacy researcher and educator has received national recognition for her contributions to contemporary teaching and scholarship in biotechnology. Julie A. Johnson, Pharm.D., received the American Association of Colleges of Pharmacy's prestigious Paul R. Dawson Biotechnology Award at its annual meeting in July at Lake Buena Vista, Fla.

"Advances in biotechnology research are driving important changes in health care that in turn stimulate changes in education and practice," said Lucinda L. Maine, Ph.D., AACP executive vice president and CEO. "This award recognizes Dr. Johnson's stellar leadership in every dimension of the academic mission."

Johnson's research focus, cardiovascular drug pharmacogenomics, investigates disease-gene associations, and the influence of race/ethnicity on drug response to see if genetic makeup may determine which antihypertensive drugs are best for a particular patient.

"Julie has found an area of research that promises to change the future way patients are treated with drug therapy," said William H. Riffee, Ph.D., UF College of Pharmacy dean.

A professor of medicine at UF colleges of pharmacy and medicine, and director of the UF Center for Pharmacogenomics, Johnson's research has been continuously funded by the National Institutes of Health and the American Heart Association since 1990.

Johnson, receiving a double helix glass sculpture and cash award at the meeting, shared her views on what qualities mark excellence in pharmacy education and research during a panel discussion.



"It is important to ensure that the next generation of academicians and scientists includes pharmacists," Johnson said. "We must engage our brightest Pharm.D. students in a meaningful research experience early in their pharmacy curriculum to help foster an interest in research."

The AACP award is named in honor of Amgen former vice president of marketing and sales, Paul R. Dawson, a staunch supporter of education in biotechnology.

Retrometabolic-based drug design and targeting, initiated by Bodor in the late 70s, has become integral to drug development today.

"This international conference series was established to generate effective dialogue among experts in these diverse fields," Bodor said. "The continued goal is to generate new, practical approaches to improved drugs and drug products.'

A 38-member international advisory board of pharmaceutical researchers and educators from Eastern and Western Europe, Japan, United States, Mideast and Iceland facilitate the conference direction and planning for future symposia.



Attendees of the June 2007 symposium enjoy the natural setting outside a town museum in Bercel, Hungary, north of Budapest.

#### **DISTINCTIONS**



## **UF** Research Foundation Professor

The UF Research Foundation has named College of Pharmacy Professor Abraham Hartzema, Ph.D., as one of 33 UFRF Professors for 2007-2010.

The recognition goes to faculty members who have a distinguished current record of research and a strong research agenda that is likely to lead to continuing distinction in their fields.

Hartzema, the Perry A. Foote Eminent Scholar Chair in Health Outcomes and Pharmacoeconomics, was selected among nominations that were based upon recent research accomplishments and publications in scholarly journals, external funding, and honors and awards.

The three-year award provides an annual salary supplement and a one-time \$3,000 grant.

The professorships are funded from the university's share of royalty and licensing income on UF-generated products. Founded in 1986, the not-for-profit foundation provides a means by which discoveries and inventions can be transferred from the laboratory to the public. Funds generated by licensing such discoveries are used to enhance research at the university.



## Teacher of the Year

Cary Mobley, Ph.D., clinical associate professor, was chosen as Teacher of Year for 2007, recognizing his dedication to excellence in teaching and his creative approaches as Director of Pharmacy Skills Training. He is a coordinator and lecturer in the first professional year of the

Doctor of Pharmacy degree program.

He has also initiated a successful teaching and learning program utilizing integrated patient case studies for courses in the first and second professional years of the curriculum.

After receiving a B.S. in Biology from the University of Miami, Mobley earned a B.S. in Pharmacy with honors, and a Ph.D. in Pharmaceutics from UF's College of Pharmacy. He gained experience as chief pharmacist retail pharmacy stores in Gainesville and Orlando before beginning his career in pharmacy education.

Mobley's research has focused on lyophilized liposomes in the delivery of medications to the lungs and in the development of a cholera oral vaccine. He serves as consultant, writer and instructor for a certificate training program in pharmaceutical compounding, co-sponsored by Medisca and the UF College of Pharmacy.

He is a member of the Alachua County Association of Pharmacists, the American Association of Colleges of Pharmacy, Kappa Psi Pharmaceutical Fraternity, and Rho Chi Pharmaceutical Honorary Society.

## AACP Crystal APPLE Award: UF Recognized for Exemplary Partnerships

The UF College of Pharmacy was one of eight schools to receive the first national recognition for exemplary partnerships that foster quality experiential education and patient care teaching environments for pharmacy students.

The American Association of Colleges of Pharmacy has awarded the Academic-Practice Partnerships for Learning Excellence award, known as the Crystal APPLE, to UF College of Pharmacy and its practice partner, Shands Jacksonville. David M. Angaran, M.S., a UF College of Pharmacy clinical professor of pharmacy, and two pharmacists from Shands Jacksonville - Thanh Hogan, Pharm.D., director of pharmacy and Sharon A. Basile, Pharm.D., a pharmacist and UF preceptor – received a Tiffany crystal apple and a plaque.

William Millard, Ph.D., executive associate dean for the College of Pharmacy, credits the recognition to a long-standing partnership between the college and the UF-affiliated medical center in Jacksonville.

"Our college developed a relationship with Shands Jacksonville as a clinical training site nearly 20 years ago," Millard said. "A culture of mutual respect and excellence exists in the provision of clinical services and an educational program for UF pharmacy students and clinical residents alike."

The AACP, with support from Merck & Company, created the Academic-Practice Partnership Initiative in 2004 to improve pharmacy education and practice by encouraging quality professional experience programs. Each of the colleges will be featured in US Pharmacist and in the Advanced Practice Experience Site Profiling System, a toolkit designed to help pharmacy schools identify, document and profile models of exemplary experiential education practice sites.



(l-r) **front**: Shands Jacksonville pharmacists Thanh Hogan and Sharon A. Basile; back: UF clinical professor of pharmacy David M. Angaran and UF College of Pharmacy Dean William Riffee received the Crystal APPLE award at the AACP national meeting last July.

## A Meeting of the Minds

### UF College of Pharmacy Hosts Southeastern Meeting of Pharmacists

he UF College of Pharmacy played host to pharmacists and pharmacy educators, in August, from the southeastern United States who traveled to Orlando to participate in the National Association of Boards of Pharmacy and American Association of Colleges of Pharmacy annual meeting.

This year's NABP/AACP District III program, Advancing Pharmacy Through Leadership & Education, was developed by the College of Pharmacy and co-hosted along with the Florida State Board of Pharmacy. More than 80 District III members attended the three-day



(l-r) Association leaders and presenters at the NABP/AACP District III pharmacy meeting in August: Rebecca Poston, Florida Board of Pharmacy, Michael McKenzie, UF College of Pharmacy, Carmen Catizone, National Association of Boards of Pharmacy, and Peter Vlasses, Accreditation Council for Pharmacy Education.

meeting that examined some of today's most relevant topics in pharmacy. Educational sessions, offering continuing education credit, provided an opportunity for pharmacy professionals to exchange knowledge and information.

Professional leaders and educators in pharmacy shared their expertise on issues relevant to the pharmacy industry and education such as; ensuring product quality and standards; Medicare Part D implications for pharmacy practice;

and socio-cultural and communication barriers faced by internationally educated pharmacists working in North America.

The importance of understanding media relations was presented by Mitchel Rothholz, R.Ph., MBA, chief of staff for the American Pharmacists Association. Rothholz discussed factors that draw media attention to an issue, and identified top pharmacy news issues and how to discuss key messages about the pharmacy profession during an interview.

A three-member panel, focused on e-learning and international education programs, discussed development and approval processes of pharmacy education and curriculums, and new accreditation standards for online and international education. Panel members included Michael McKenzie, Ph.D., senior associate dean for professional affairs, UF College of Pharmacy, Peter H. Vlasses, Pharm.D., executive director of the Accreditation Council for Pharmacy Education, and Carmen Catizone, D.Ph., executive director of the National Association of Boards of Pharmacy.

The annual meeting, hosted each year by one of eight District III colleges in the southeastern states, provides an opportunity for dialogue between colleges/schools and state boards on regional and national issues.

### Honors & Awards

**Jeffrey Hughes**, Ph.D., associate professor of pharmaceutics, has been appointed to the editorial advisory board of The Open Drug Delivery Journal, a new peer-reviewed journal. The online journal was created for scientists and researchers worldwide to keep abreast of the latest developments through immediate access to quality articles. Bentham Science Publishers (www.bentham.org) plans to publish more than 300 peer-reviewed open access journals this year.

Almut Winterstein, Ph.D., an assistant professor of pharmaceutical outcomes & policy, has been awarded a two-year \$241,397 grant from the Agency for Healthcare Administration at the Florida Department of Health in collaboration with the UF Florida Center for Medicaid and the Uninsured. The grant will allow Winterstein to study Florida Medicaid Recipients ages 2 and under who have received the drug Palivizumab, used for immunization against human respiratory syncytial virus, the major cause of lower respiratory tract infection during infancy and childhood. The study will examine the effectiveness and cost of the drug.

**Issam Zineh**, Pharm.D., an assistant professor of pharmacy practice has received a research Award from the American College of Clinical Pharmacy for his work in cardiovascular disease, an important national health concern. The ACCP 2007 Frontiers Career Development Research Award \$30,000 grant will support Zineh's work examining the effectiveness of fibrate drugs in controlling elevated triglycerides and inflammation linked to cardiovascular disease. The nationally competitive Frontiers Awards support previously unmet or underserved areas of pharmacy-based health services research, clinical research, or translational research.

Zineh has been appointed to the editorial board of the Journal of Clinical Lipidology, the official journal of the National Lipid Association. The journal is published to support medical professionals who work to reduce the incidence of disease and death related to disorders of lipid metabolism, such as elevated cholesterol, diabetes, hypertension, and obesity. The association's public health mission is to help reduce deaths related to high cholesterol.

#### **Publications & Invited Presentations**

	Refereed	Non-Refereed	Books	Abstracts	In Press	Presentations
Department	2006-07	2006-07	2006-07	2006-07	2006-07	2006-07
Medicinal Chemistry	25	0	3	25	8	12
Pharmaceutics	47	2	7	14	3	44
Pharmacodynamics	10	1	2	20	11	5
Pharm. Health Care Ad.	18	27	6	31	9	23
Pharmacy Practice	61	17	6	56	32	91
TOTAL	161	47	24	146	63	175

<b>Patenting Activity</b>	Disclosures Submitted	Applications Filed	Patents Issued
Medicinal Chemistry	6	7	3



#### **College Research Dollars**

Department	2006-07	% of total
College Total	\$8,206,842	100%
Medicinal Chemistry	\$3,036,954	37.01%
Pharmaceutics	\$1,426,898	17.39%
Pharmacodynamics	\$567,993	6.92%
Pharmacy Health Care Admin.	\$422,547	5.15%
Pharmacy Practice	\$2,752,450	33.54%

Foundations & Societies	FY	2006-07
Am. Diabetes Association	1	\$100,000
Am. Foundation for Pharm. Edu.	1	\$5,000
Am. Heart Assoc FL	5	\$239,198
James S. McDonnell Foundation	2	\$7,173
Nemours Children's Clinic	7	\$20,250
Rho Chi Society - Eli Lilly Corp.	1	\$7,500
Shands Jacksonville Med. Ctr.	1	\$202,426
U.SIsrael Binational Sci. Fdtn.	1	\$16,666
TOTAL	19	\$598,213

Companies	FY 200	6-07
Sponsor	Count	Total
Abbott Labs.	1	\$7,829
BioLine Rx	1	\$3,464
Finzelberg GMBH & Co. KG	1	\$18,579
Glaxo Smith Kline, Inc.	1	\$1,500
Glycadia	1	\$2,520
Golin-Harris Int'l., Inc	1	\$5,000
IVAX Corp.	3	\$78,700
Johnson & Johnson	5	\$173,300
MAP Pharmaceuticals	1	\$6,250
Merck & Company, Inc.	1	\$50,000
Merck Selbstmedikation GMBH	1	\$10,979
Novartis - United States	4	\$133,533
Noven Pharmaceuticals	1	\$14,310
Pfizer, Inc.	2	\$161,051
SkyePharma	3	\$20,940
SmithKline Beecham	1	\$150,000
Steigerwalk Arzneimittelwerk	1	\$21,347
TOTAL	29	\$859,302

<b>Funding by Category</b>	FY	FY 2006-07	
Sponsor Category	Awards	Total Dollars	
Federal Agencies	42	\$6,328,472	
Florida State Agencies	5	\$616,281	
Corporations and Companies	29	\$859,302	
Foundations & Societies	19	\$598,213	
Other	2	\$7,000	
TOTAL	97	\$8,409,268	

FY 2006-07	
Count	Total
1	\$47,200
37	\$5,836,394
1	\$317,933
1	\$63,945
2	\$62,999
42	\$6,328,471
	Count  1 37 1 2

<b>FL State Agencies</b>	FY 2006-07	
Sponsor	Count	Total
Dept. of Health	5	\$616,281

Other	FY 2006-07		
Sponsor	Count	Total	
Miscellaneous Donors	2	\$7,000	



#### FACULTY HONORS FOR 2006-2007

#### **DAVID ANGARAN**

- American Association of Colleges of Pharmacy (AACP) Crystal Apple Award winner with Sharon Basile and Shands Jacksonville Hospital Pharmacy for preceptor excellence.
- Distinguished Leadership Award of Health System Pharmacy Practice from the American Society of Health-System Pharmacists (ASHP) for 2006.

#### **DAVID BRUSHWOOD**

Named Fellow in the American Pharmacist Association (APhA).

#### **GERALD GAUSE**

Who's Who Among America's Teachers 2006

#### **ABRAHAM HARTZEMA**

 University of Florida Research Foundation Professor Award, 2007-2010

#### **LESLIE HENDELES**

• Pediatric Pharmacy Advocacy Group, Sumner J. Yaffe Lifetime Achievement Award for 2007

#### **MARGARET JAMES**

· Elected as chair of the Pharmaceutical Sciences section, American Association for the Advancement of Science (2007-2009)

#### **JULIE A. JOHNSON**

- Paul R. Dawson Biotechnology Award winner from the American Association of Colleges of Pharmacy (AACP) for 2007. This is one of the highest honors that the AACP bestows upon a faculty member in a College of Pharmacy.
- David E. Guttman Memorial Lecturer, University of Kentucky College of Pharmacy, September 2006
- · University of Florida Faculty Achievement Recognition Award, April 2007

#### **CAROLE KIMBERLIN**

Named Fellow in the American Pharmacist Association (APhA).

#### **EARLENE LIPOWSKI**

 Donald C. Brodie, American Association of Colleges of Pharmacy (AACP) Academic Scholar in Residence, 2006

#### **CARY MOBLEY**

College of Pharmacy Teacher of the Year 2007

#### **ANTHONY PALMIERI**

· Honored by APhA APRS for over 20 years of service on the Handbook of Pharmaceutical Excipients



To give, or not to give; that is the question: Whether 'tis nobler in the pocket to suffer The slings and arrows of outrageous fortune, Or to write checks for our college's future, And by giving support to them? To study: to research; No more; unless we give back to the institution that has given us so much. ~ Shakespeare (sort of)

## Student Voice: GIVING & RECEIVING

By Vanessa Brook Lesneski, 4PD

s the class of 2008 enters into our final stages of our Pharm.D. degree, we find ourselves at the end of our evolution into pharmacists. Having grown as professionals and individuals, we ready ourselves to embark upon our next step in our careers.

To UF pharmacy alumni: thank you to those of you who came before us. Your support of the college though scholarships and the Academy for Excellence has enable us to achieve our goals of becoming pharmacists. Your reputation in the pharmacy profession also has paved the way for us to join the workforce as highly respected health professionals.

To my classmates: let's stop and reminisce about the experiences we have had in pharmacy school at the University of Florida. Remember that first day of orientation, the Cultural Dinner with Doering — the 70s icon, the Homecoming parade with Dean Riffee, and the ASHP Midyear meeting in Vegas? Our college has provided us with many opportunities.

It would be great for the Class of 2008 to leave a legacy and set the bar for those who follow us; I challenge every classmate to join me and pledge \$500 to be given over the next five years. If each of us contributes \$100 a year back to our college, our total gift — reaching upwards of \$150,000 — will make a real difference!

To make your gift: www.cop.ufl.edu/alumni/challenge

# Is There a Pharmacist in the House?

Would you believe 60? Last April, a sea of white pharmacy coats filled more than half of the gallery in the Florida House of Representatives committee hearing room when UF pharmacy students from the college's four Florida campuses traveled to Tallahassee to support a House bill that would authorize pharmacists to administer flu shots. Currently, 44 states allow pharmacists to immunize patients.

University of Florida May 2007 graduating pharmacy students Todd Rosen and Suzy Ray, and Josh Fields, a graduating pharmacy student from Nova Southeastern University, testified to the House Healthcare Council. Several students from Nova Southeastern and Palm Beach Atlantic universities also attended the hearing.

Michael Jackson, R.Ph., executive vice president for the Florida Pharmacy Association, crediting the leadership of Florida pharmacy school deans, praised the students in providing house committee members with relevant information while addressing concerns raised by opponents.

"In 10 years of advocacy, I have never seen such cohesion of the profession and interest by our young future practitioners," Jackson said. "Their skills at parrying very tough questions demonstrated their complete knowledge of the issue."



The bill, which calls for pharmacists to follow written protocols under a physician's supervision, was expected to be presented to the Florida Legislature for a vote; next it would have to be approved by the governor in order to become law.

The Florida Pharmacy Association supports the bill, pointing to the needs of Florida's growing senior citizen and indigent populations. Allowing pharmacists to immunize Florida patients would save lives, increase wellness and lower Medicaid costs and health insurance costs by reducing hospitalizations, Jackson said.

## Mission Hospitals and UF Summer Intern Program

By James Sainsbury, Pharm.D.

ission Hospitals, an 800-bed hospital system, level II trauma center, joined forces with the UF College of Pharmacy to create a technician/intern summer work opportunity and housing for two UF pharmacy students. The summer work program gave interns the opportunity to work along with the pharmacy technicians, shadow clinical pharmacists, and participate in obtaining medication histories for emergency department patients.

Last May, pharmacy managers from Mission Hospitals arrived in Gainesville to interview UF candidates for the two open positions. After two days of interviewing excellent candidates, Bradley Hamilton (Orlando Campus) and Jimmy Butt (Gainesville Campus) were chosen to participate in the 2007 summer program. A third UF student, Jessica Edwards (Gainesville Campus) also joined the team, after applying for employment through the hospital's Web site.

As part of their experience, the interns participated in the Mission Hospitals' technician training program where they learned about hospital pharmacy workflow, oral and IV medication preparation, and the Pyxis automated medication dispensing system.

"I was very impressed with the student interns," said Jackie Waller, Mission Hospitals technician coordinator. "Each of them showed great maturity, were hard workers, dedicated, and punctual."

The students saw first-hand, the many ways clinical pharmacists participate in patient care and the positive impact it had. They had an opportunity to make hospital rounds by shadowing clinical pharmacists in medical intensive care units, cardiology, pediatric and neonatal intensive care units, and adult medicine.

Perhaps their greatest accomplishment was their willingness to become involved with an initiative for providing pharmacy services in the hospital emergency department. The pharmacy department had been planning for quite a while to place pharmacy technicians in the emergency department to assist with obtaining medication histories, as part of the medication reconciliation process, for all patients waiting to be admitted for inpatient care.

"The UF interns were instrumental in helping Mission Hospitals develop and implement a position for Emergency Department technicians," said Tracy Wilson, RPh., the St. Joseph Campus pharmacy manager. "They were an asset to our department — always ready and willing to learn any new tasks."



Mission Hospitals, in Asheville, NC, is a level II trauma center with two Mission Air Medical Ambulance (MAMA) helicopters.

A flexible work schedule, also gave the interns time to explore the city of Ashville in the beautiful Blue Ridge Mountains. In an effort to evaluate the program to see how well it meets the needs of the interns, the students were asked about their experience with Mission Hospitals and the city of Asheville.

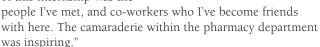
Bradley Hamilton reported that he found it to be the best introduction into the challenging world of hospital pharmacy.

"This internship was a time of learning from pharmacists, who have the opportunity to interact with doctors and nurses

and intervene where medication errors could occur," Hamilton said. "The shadowing experience revealed all the different opportunities that a hospital pharmacist can be involved in. This just doesn't exist in retail pharmacy."

Hamilton also shared his perception of the pharmacy work environment.

"One of the benefits of this internship was the



(l-r) UF pharmacy students Jimmy Butt and Quynh Pham talk to James Sainsbury about internships at Mission Hospitals.

Due to the great success of this program, Mission Hospitals hopes to extend the internship offer to four UF students to work and learn in Asheville during the summer of 2008. Anyone interested in this opportunity can contact the pharmacy managers at Mission Hospitals.

- James Sainsbury, PharmD, cphjts@msj.org, 828-213-0061
- Tracy Wilson, RPh, cphtrb@msj.org, 828-213-4212



## Scholarships

#### Oscar Araujo Alumni Scholarship

Financial need, first professional year: Lauren Carter, Julie Ann Justo, Julia Garrison, Jamie Thomas

#### **Biotechnology Education Scholarship**

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

#### **Russ & Carol Blaser Memorial**

Married with children, GPA 3.4 or higher, most financial need: Gregory Welder

#### CVS/pharmacy Scholarship

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

Megan Engleston, Crystal Smith, Robyn Bullock, Jonathan Holder

#### **DeSantis Scholarship**

Two students in final two years, good academic standing and financial need: Michael Crocco, Jillian Stewart

#### **DuBow Scholarship**

Jacksonville students with "stick-to-itivness": Luz Mendez, Meagan Johns, Sheena Khirsukhani, Jillian Stewart, Julia Garrison

#### **Elizabeth Eaton Award**

Recognizes excellence in searching, evaluating and applying evidence in clinical decision making and quality improvement. Ashley Tyler

#### Valerie Calkin Griffith Scholarship Supports pharmacy student: Hayley Ball

**Institute for Pharmacy Entrepreneurs** 

## **Scholarship**

Awarded to a 3PD or 4PD who has an interest in ownership; Essay: Lance Enfinger

#### **Kazarian Family Scholarship**

Good academic standing and financial need: Tanya **Finlay** 

#### MedCo Scholarship

4PD in good academic standing: Claire Chan, Daniel Gonzalez, Jonathan Holder, R. Daniel Irizarry, Ranad Judeh, Roy Principe, Laura Tyler, Robyn **Bullock, Cheryl Pappas, Jay Pauly** 

#### 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: Karen Berger

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

Financial need and academic excellence: Kyle Cookerly

#### **Francene Trainor Memorial Fund**

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

#### **Walgreens Company Scholarship**

Essay and academic performance in pharmacy administration coursework: Fiadora Avramidis

#### **Newly Funded Scholarships with Awards Beginning 2008-09**

#### **Dolph Cone-Sandy Prickett Scholarship**

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

#### **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.

#### Jeanne Scheibler Scholarship

Support a scholarship 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

#### **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

#### **Yachbes Family Scholarship**

3PD or 4PD student with high scholastic standing, financial need, strong leadership qualities; must show a desire to enter a community pharmacy practice and has current/previous experience in community pharmacy.

## Outstanding Young Alumni



College of Pharmacy alumni Susan Lynn Baumgartner, Pharm.D. (class of '96) and Shashank Rohatagi, Ph.D. (class of '95) joined the ranks of UF alumni last April to receive the 2007 Outstanding Young Alumni Award. The UF Alumni Association established the award to recognize graduates within the past 10 years who have distinguished themselves in their professions and community.

Baumgartner, a senior business director for the mid-south region, has worked 10 years for the U.S. Human Health Division of Merck & Co., Inc. During her career, she has received the Vice President's Distinguished Service Award, Merck Marketing Awards for four years, and numerous special achievement awards.



Rohatagi is Executive Director, Clinical Pharmacology (US), Modeling and Simulation at Daiichi-Sankyo Pharma Development, in Edison, NJ. Highly regarded in the scientific community for publica-

tion, Rohatagi is a member of the Education Committee of the American College of Clinical Pharmacology and a Member of the Editorial Board of the Journal of Clinical Pharmacology.

## Outstanding Pharmacy Awards



Ed L. Hamilton, Pharm.D. **Outstanding** Pharmacy Alumnus Award recognizes an alumnus whose lifetime

contributions have been extraordinary with lasting benefits to the profession. Hamilton has built a distinguished career with devotion to the advancement of the pharmacy profession through his work in pharmacy associations. This year, he was appointed President-elect of the American Pharmacists Association (APhA). He has practiced in community, hospital and longterm care pharmacy. A past-president of the UF College of Pharmacy Alumni Association, Hamilton presently serves on the college's National Advisory Board. He is the Director of Pharmacy at the Regency Medical Center in Winter Haven, Fla. Hamilton earned his B.S. in Pharmacy and Pharm.D. degrees from UF. His service to professional associations include 17 years service to the American Pharmacists Association; the Florida Pharmacy Association and the Florida Society of Health-System Pharmacists, serving as president for each organization.





G. Timothy Wood **Outstanding** Pharmacy Service Award is presented each year to a non-alumnus who

has made outstanding contributions to the College of Pharmacy and the profession. Wood studied English at Carson-Newman College in Tennessee, completed graduate studies in journalism and public relations at the University of Georgia, and received a master's degree in education from the UF. He has further studied toward a doctoral degree in higher education administration at the UF College of Education. Wood ioined UF in 1984 as its first director of development for the colleges of Pharmacy and Public Health and Health Professions. He led the colleges through their first capital campaigns, and remained with the College of Pharmacy until 1996, when he returned to Georgia. In 2001, Wood returned to the UF Foundation and in 2006, he was promoted to associate vice president for development with oversight of the College of Pharmacy's development program. During this tenure, the college received gifts establishing its first two endowed professorships, the Perry A. Foote Eminent Scholar Chair and the Frank A. **Duckworth Eminent Scholar Chair in** Drug Research and Development. He was instrumental in establishing the college's National Development Advisory Board.



David A. Medvedeff, Pharm.D. Outstanding Service Pharmacy Alumnus Award is presented to an alumnus who has made significant con-

tributions to the pharmacy profession. Medvedeff has been an innovative administrator in his pharmacy career and a loyal supporter of the UF College of Pharmacy since his graduation in 1999 with a Pharm.D. degree. Medvedeff is the 2007 winner of the Albert B. Prescott/Glaxo-SmithKline Pharmacy Leadership Award. He also received an MBA through the UF joint Pharm.D./ MBA program. He serves on the College of Pharmacy National Advisory Board, and as an associate clinical professor. Since 2005, Medvedeff has served as president of Informed Decisions, LLC, a provider of health information technology. He also served as vice president of government business development at Gold Standard, Inc. His previous work includes The Florida Agency for Health Care Administration, the clinical services division of the Eckerd Corporation. He led a team of pharmacists who were recognized with the APhA Pinnacle award for innovative patient care services. In 2006, his Informed Decisions' team again received the award for their role in KatrinaHealth, an online source of comprehensive medical and prescription histories for healthcare providers treating evacuees of Hurricane Katrina.

## Target Makes a Commitment to Developing Leadership

Promoting leadership development for the next generation of pharmacists, Target Pharmacy has chosen the UF College of Pharmacy to receive a grant of \$150,000 over the next three years. Vice President of Target Pharmacy Operations, Chuck Wilson, presents Dean Bill Riffee with a \$50,000 check as the first installment of the grant.

## **Five to Thrive**

#### Supporting the College with a 5-year Pledge Commitment

By investing in the future of pharmacy with an annual pledge for five years, you will help ensure the college continues its tradition of excellence by assuring the prosperity of our most valuable assets — our faculty and students. Annual giving is the fuel that enables the college to plan and expand its programs to meet the needs of the profession.

Your gift will create a new level of excellence by providing the resources necessary to produce cutting edge research, foster the next generation of scientists and professors, and educate the best-trained pharmacists for the profession.

As part of the Florida Tomorrow Campaign, the college is creating two new endowment funds:

- Academy for Excellence Endowment supporting the professional and educational development of our students & faculty
- Graduate Student Education & Research **Endowment** providing competitive stipends to graduate students, support for the summer research immersion program, and the annual research showcase.

Greatness requires vision and determination. Your gift to the University of Florida College of Pharmacy is an opportunity to keep a promise, to influence history, to create change, to give something back.

	ANNUAL	GIVING OVE	R FIVE YEA	RS
	\$15,000 Commitment	\$20,000 Commitment	\$25,000 Commitment	\$30,000 Commitment
2008	\$3,000	\$4,000	\$5,000	\$6,000
2009	\$3,000	\$4,000	\$5,000	\$6,000
2010	\$3,000	\$4,000	\$5,000	\$6,000
2011	\$3,000	\$4,000	\$5,000	\$6,000
2012	\$3,000	\$4,000	\$5,000	\$6,000

Visit www.cop.ufl.edu/alumni/giving.htm today for more information or contact Kelly Markey at markey@cop.ufl.edu to make your five-year pledge to support the UF College of Pharmacy.

All contributions to the College of Pharmacy are made through the UF Foundation, Inc. and are tax deductible to the fullest extent of the law. Pledge reminders will be sent annually unless otherwise directed by the donor.

## Florida Tomorrow

By Kelly Markey

s we enter the five-year public phase of our Florida Tomorrow Campaign we will be traveling throughout the nation — and the world to meet with friends and alumni, discussing ways to partner together to continue Funding Excellence to Sustain Excellence. We are grateful of the wonderful example that has been set by our generous lead donors thus far, Dr. Allen Spiegel, Laurie & Linda DuBow, Dr. Nicholas and Sheryl Bodor, and Valerie Caulkin Griffith. The thoughtful planning and giving exemplified by these college supporters, poses a question: What would you wish to accomplish with your money that would be meaningful to you? Perhaps there was a certain faculty member who challenged you to think a bit differently and to go further. Or maybe, you received a scholarship or financial support to help you achieve your educational goal. In some way, we all have benefited from the caring and competent pharmacists that the college has mentored, educated and trained over the past 85 years. So, what does the Florida Tomorrow campaign mean in relation to the pharmacy profession?

Florida Tomorrow is a Day...when pharmacists work in partnership with patients and their doctors.

> Florida Tomorrow is a Place...where new drug discoveries improve the quality of life.

> > Florida Tomorrow is a Belief ...that no one will be denied access to drug therapies.

Leadership and vision are the cornerstones of the College of Pharmacy. As the first professional health college at the University of Florida, its rich history began September 1923 with 43 students. Over the following century, the pharmacy profession developed and matured and the pharmacist's role expanded to provide more patient-focused health care, which was the trademark of yester-year's pharmacist.

Today, at the heart of our college, faculty with interdisciplinary backgrounds in science, law, economics, health care administration and psychology, collectively work to create a profession which is integral to the health care team. Striving for excellence, our faculty sets high standards in research, teaching and professional service. Their work encompasses far more than the study of medications.

#### Our faculty are:

- ▶ Developing a patent-pending approach to streamline lengthy drug development processes and get new medicines more efficiently to patients.
- ▶ Studying the importance of genetics in drug therapy outcomes.
- ▶ Working with hospitals and clinics to prevent medication errors.
- ▶ Helping hospitals handle the nationwide health concern of antibiotic-resistant infections.
- Improving the health of asthma patients by studying drug combinations and treatment, including better delivery methods for inhaled medication.
- ▶ Educating patients about food-drug interactions, such as grapefruit juice and St. John's wort.

## **Pharmacy Today**



"As a state university, our resources are limited and we depend on outside funding. We have developed one of the best pharmacy and scientific programs in the country. There is no limit to the imagination of what we can do it's just a matter of matching ideas with resources."

- Hartmut Derendorf, Ph.D., a distinguished professor of pharmaceutics

If faculty is the heart, then our students are the life stream of the college. Today's students are proven leaders in all avenues of pharmacy. Here are a few of this year's awards that our students competed for and achieved:

- ▶ American Society for Clinical Pharmacology and Therapeutics Presidential Trainee Award
- ▶ Howard Hughes Medical Institute Graduate Student Award

COLLEGE OF BUADANACY

American Society of Health-System Pharmacists (ASHP) Foundation Literature Award for Student Research

Our college has taken a leadership role in redefining the pharmacy profession by expanding the role of the pharmacist beyond the corner drugstore of the 1920s. But, we can do more. The opportunities to make a difference are only limited by our resources. We aspire to sustain our foundation of excellence by supporting the college in its mission to produce knowledgeable, skilled young pharmacists, who have the confidence to seek bold solutions to the healthcare issues emerging today.

Your commitment to the Florida Tomorrow Campaign will not only affect your area of choice immediately, it will create a ripple of change that will resonate for years to come. Florida Tomorrow is a day when the discoveries we create now, inspire excellence and innovation and transform quality of life throughout the state and the world.



Faculty Support	\$6.5 million
Student Support	\$4.7 million
Programs and Research	\$1.8 million
Campus Enhancement	\$6.0 million

For more information about the Florida Tomorrow campaign and giving to the College of Pharmacy, visit our Web site at www.cop.ufl.edu/alumni/giving.htm or contact Kelly Markey, 352-273-6605 or markey@cop.ufl.edu.

## **Campaign 101**

As the College of Pharmacy's Florida Tomorrow Campaign climbs toward its \$19 million fundraising goal, there are a number of money-related terms you may encounter. Here are a few of the more common ones:

#### Campaign

A prolonged effort to raise money. The campaign is vital to the university's health, making our teaching, research and service possible.

#### **Endowment**

Think of it as a big savings account, big enough that you can live off the interest without touching the actual balance. Over the past 20 years, the college's endowment has grown to reach its current value of \$18.6 million. Seeing that balance grow even more with our campaign efforts, will broaden the scope of what we can do for our students, faculty and you.

#### **Stewardship**

Being responsible with money. We promise to invest your money wisely and spend it in accordance with your wishes.

#### **Matching Gift**

An easy way to double or even triple your gift's value. Many employers have programs in which they give dollar-for-dollar to the charity of your choice (including UF). Visit www.matchinggifts.com/uff to see if your company offers matching gifts. At higher money levels, the state has a similar program for donations to universities.

#### **Fellowship**

Similar to a scholarship, it helps graduate students with their advanced studies and research.

#### **Professorship**

A major kudo for a faculty member to receive, providing them with money for research and program development.

#### **Bequest**

Remembering the college in your will. There's no need to wait until death do us part, however - through certain planned giving programs you and the college can enjoy your investment while you're still of strong mind and body.

The Dean's Council recognizes alumni and friends, such as you, who support the college with an annual gift of \$500 or more. Private funding provides the college the flexibility to offer vital leadership opportunities for students and faculty and the impetus to develop new programs and educational initiatives. Only through continued support will the college be able to maintain our high ranking, and set our sights on becoming the No. 1 college in the country.

#### **Annual Membership Levels** and Benefits

#### BENEFACTOR\* \$1,000+

- ▶ Commemorative brick in Pharmacy Courtyard
- ▶ Exclusive designed college lapel pin
- ▶ Invitation to the Dean's Appreciation
- ▶ Special Rate for Ken Finger Golf Tournament

\*can be pledged over one year

#### AMBASSADOR \$500+

- ▶ Exclusive designed college lapel pin
- ▶ Invitation to the Dean's Appreciation 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

#### **Dean's Council**

We thank our alumni, friends and corporations for their support during FY07 (July 1, 2006—June 30, 2007). Only through private funding are we able to create an outstanding pharmacy program and an exceptional learning environment.

#### **Benefactor**

#### \$1 Million +

Mr. Lawrence J. DuBow

#### \$100,000 +

American Diabetes Association American Heart Association The A. J. Spiegel Foundation Pfizer, Inc.

#### \$10,000 +

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Dr. Arthur G. Zupko

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#### **Honor Roll Donors**

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

#### **\$250 +**

Mr. Bruce A. Bartholomew Ms. Marlene C. Bass Mrs. Lynn W. Bennett Mr. John G. Boyle Mrs. Parilee E. Brenchley Mr. James W. Cain Mrs. Patricia L. Cone Dr. Victoria S. De Leon Dr. Marie G. Dimicco Dr. Walter E. Dunham Dr. Christopher M. Goodman Dr. Ed L. Hamilton

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Names are listed as they appear on checks or correspondence. We have made every effort to acknowledge each donor giving \$250 or more. If your name is missing, please notify us so we may correct our records.

Dr. Natalie A. Pope

We do apologize for any oversight and want to assure you it was unintended. Contact the Office of Development and Alumni Affairs or e-mail popwell@cop.ufl.edu.

#### DONOR SPOTLIGHT

## Valerie Griffith - Class of '62



Valerie Griffith, a long-time supporter, has made a commitment to education and research at UF's College of Pharmacy. Her beguest will make a large contribution to the Academy for Excellence, a fund that supports faculty development with the purpose of retaining and recruiting highly qualified professors and teachers, and supports the work and research of the faculty. Through her gift, she is establishing the Valerie Calkin Griffith Faculty Development Fund.

In 2005, she created the Valerie

Calkin Griffith Scholarship honoring her parents Claude and Hazel Calkin to support pharmacy students in good academic standing. Griffith's gift was a way for her to honor her parents, who she describes as hard-working people who believed in education.

"My parents were always supportive of my education, and felt that education was essential for everyone," Griffith said. "I thought that a scholarship was a way that I could give others the chance that my parents gave me, and that it was the best way I could honor their sacrifice and their memory."

#### Grand Guard 2007

Each November, the UF Alumni Association holds a Grand Guard reunion to celebrate the 50th anniversary of graduation from the University of Florida. This year, we honored the pharmacy Class of 1957. Class members from previous years are also invited to join in, and welcome new inductees. Our pharmacy Grand Guard enjoyed reuniting with classmates at the college, and attending the UF evening celebration banquet.

UF pharmacy alumnus, John "Dolph" Cone, committed \$25,000 this fall in honor of his Grand Guard reunion next year. A 1958 graduate, Cone hopes his pledge might serve as an example for others who are considering giving back to the college. His gift will create the Dolph Cone-Sandy Prickett Scholarship to support pharmacy students.

Many alumni feel the College of Pharmacy gave them the tools they needed to succeed in their careers and often want to say thank you by supporting future pharmacists. Each reunion class is challenged to continue the tradition of alumni giving by making contributions to support students and faculty within the college.

Grand Guard 2008 will be November 20-22, so class of 1958, mark your calendars and make plans to join us next year!



(l-r) Class of 1957 alumni: Jerold Slaughter, John Jones, Alex Boswell, Cecil Christian, Anita Thompson ('54), and Ralph Fernandez

## Alumni Reunion & Barbeque Homecoming 2007

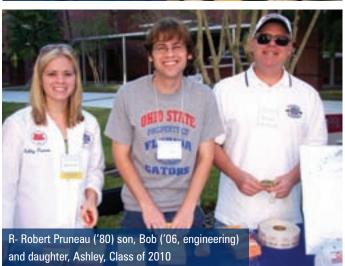
ach fall alumni, family, and friends gather in the College of Pharmacy courtyard to enjoy food, fun, and football at the annual College of Pharmacy Reunion. On Friday, during Homecoming Weekend reunion, a continuing education program was offered, followed by the Dean's Welcome Dinner. Long-lost classmates and their families kicked off the weekend—with a surprise visit from Albert on his way to Gator Growl.

The date of the Reunion is decided by the football ticket block allocated to the college, so cross your fingers for Homecoming football tickets and visit www.cop.ufl.edu/alumni regularly for updates on the college events. Look for your brochure in the mail each summer, and don't miss out on this wonderful UF tradition!







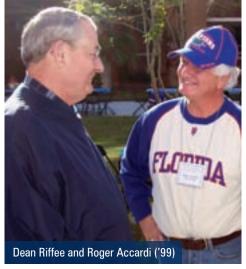






n Saturday, the courtyard was filled with a record 700-plus Orange and Blue-clad gator pharmacy families and friends. Before the afternoon kick-off, everyone enjoyed barbeque, touring the Pharmacy building, reminiscing about college days, and renewing old friendships. This year, new faculty member Benjamin Epstein was welcomed as the so-called-winner of the KE student organization "Pie-in-the-Face" contest.







#### 2008 Events Calendar

Career Days

January 16-17 - Gainesville January 18 - Jacksonville February 1 – St. Petersburg

February 8 - Orlando

- Multicultural Dinner February 9 – Gainesville
- Graduate Research Showcase February 21 – Gainesville
- APHA Dean's Night Out March 15 - San Diego
- Professional Coating Ceremony April 5 - Gainesville
- Dean's Executive Committee April 18-19 - Orlando
- 118th FPA Annual Meeting **Gator Reception** July 11 (Tentative) - Orlando
- 42nd FSHP Annual Meeting **Gator Reception** August 1 (Tentative) - Orlando
- Institute for Pharmacy Entrepreneurs August 9-10 (Tentative) - Orlando
- Dean's Council Dinner August 29 - Gainesville
- Dean's National Advisory Board September 26-27 - Gainesville
- 15th Annual Ken Finger CE & Golf October 10 - Gainesville
- 22nd Annual Alumni Reunion & CE October 24-25 - Gainesville
- Grand Guard 50th Reunion November 20-22 - Gainesville
- ASHP Mid-Year Meeting and Convention December 7-11 - Orlando

Visit our website for more information: www.cop.ufl.edu/alumni

## Alumni Update

We enjoy hearing from our alumni and friends, sharing their achievements and milestones. Send your updated news to Christy, email: popwell@cop.ufl.edu.

Brian Anger ('05) I completed a pharmacy practice residency at the Medical University of South Carolina in Charleston, then stayed on for a second year of residency training in Critical Care.

Roger Croswell (BSP-'69 PhD-'72) My wife and I recently moved to Vermont. I have worked for the Pharmaceutical Industry for about 30 years. Last year, I established my own regulatory consulting business (www.regconsultant.com).

James Dale ('81) is a pharmacy manager at Walgreens Indialantic. Living in his hometown of Cocoa Beach, James surfs and travels to Costa Rica, and enjoys time with his 13-year-old daughter.

Karen Daniel ('94) was recently promoted to Associate Professor of Pharmacy Practice at Nova Southeastern University. An active member of the Florida Pharmacy Association, Karen served as the 2006-07 Speaker of the FPA House of Delegates.

Leonard L. Edloe ('03) Elected Chairman of Board Mid Atlantic Affiliate of American Heart Assn. Named African American Trailblazer by Richmond Region 2007 in honor of founding of Jamestown in 1607, and awarded Bowl of Hygeia by Virginia Pharmacists

Mike Edwards ('90) was recently promoted to Corporate Director of Pharmacy for Health First Inc. in Rockledge, FL. He's responsible for the oversight of

three hospital pharmacies in the Melbourne area. In his "spare" time, he just completed his second year of the UF WPPD program. Mike says he's looking forward to graduating with a Pharm.D. in Fall 2008.

Mike Emnett ('86) After spending 13 years in Alaska, Mike and his wife moved to a mountaintop in Colorado in 2001. They have a son, Geordi, 7, and a daughter, Cloe, 4.

Amy Garrigus ('05) is a pharmacist for Wal-Mart in Pensacola, FL.

Carmen Gerkovich (BSP-'73 PhD-'99) Living in Orlando since 1973, Carmen is Pharmacy Manager at Arnold Palmer Hospital for Children and Winnie Palmer Hospital for Women and Babies. Married to Jack Gerkovich MD (OB/GYN), they have two daughters: Sabrina, 2nd year at Washington University in St. Louis, and Lauren a freshman at Northwestern University in Chicago.

Helen Godfrey ('97) I have recently remarried and changed my last name from Taylor to Godfrey. I recieved my Ph.D. in Medicinal Chemistry from UF College of Pharmacy.

George J Goodreau III ('92) I have been in active duty in the Navy for the past 15 years and transfer to a different state every 3-4 years.

Patricia Gunn ('87) Patricia has been happily married and working for Eckerds/CVS for the past 20 years. She and her husband have three children and say they are "blessed beyond imagination."

Larry Hayes ('62) After graduation, I worked for Liggett Rexall in Sarasota and joined Eli Lilly as a sales representative. After assignments in Clearwater and Miami, I was transferred to San Antonio, Texas. In 1975, I started law school at St. Mary's University and graduated in 1978. I practiced law in Dallas and Fort Worth doing preliminary medical malpractice defense. I retired in 2005 and now live in Ormond Beach, FL.

Valerie Hickman ('96) I am an owner of Raynor's Pharmacy in Macclenny, FL. We bought the store in 2003, after working there for about 10 years. It has been a rewarding, interesting, and challenging experience.

Linda House ('76) Currently Asst. Dir. of Pharmacy at the Student Health Care Center at UF. Daughter, Kelly (husband Matt) live in Brea, CA; Son, Jarret, is 3rd year Psychiatry Resident, VA Hospital in Gainesville; Daughter, Kimberly, graduated from Cal State, Long Beach, CA in May 2007. Son, Jordan, is a sophomore at Gainesville High School.

Terri Micolucci Johnston ('76) has moved to St. Augustine Beach, FL and says, she's enjoying it! Following in the medical field, Terri's daughter, Cynthia is a junior in Jacksonville University Nursing School, and daughter, Ashley attends Santa Fe Community College taking prerequisites for Pharmacy School.

#### Pharmacist Turns Author

From pharmacist, to columnist, to author, for nearly two decades Suzy Cohen, R.Ph. has maintained her mantra: "Think outside the pillbox."

Now, "preaching" what she practices, the UF alumna, last year, wrote her first book, The 24-Hour Pharmacist. Published in June 2007 by HarperCollins, the book now in its second printing, is being translated into three other languages. An expanded hardcover copy is due out before the end of this year, said Sam Cohen, D.C., her publicist — and husband.

After graduating from the UF College of Pharmacy in 1989, Cohen began her career in Gainesville as a retail pharmacist and then became a consultant pharmacist for nursing homes, and currently remains on staff with CVS/pharmacy. A registered pharmacist who understands the importance of medicine, Cohen says there is more



Suzy Cohen, R.Ph. ('89)

to health than just taking pills. She believes in getting to the underlying cause of a condition. The book, on sale at bookstores, CVS, and on Amazon.com, discusses pharmaceutical and natural products and offers practical over-the-counter tips to help people with conditions like anxiety, insomnia, fatigue, heart disease, depression, weight problems and arthritis. It is organized into four body parts — "Above the Waist; Above the Neck; Below the Waist; And Everything in Between." Another section, in which Cohen focuses on holistic health issues, is titled: "Think Outside the Pill." Using a sense of humor throughout the book, Cohen carefully offers balanced advice on medicine and vitamins.

Her writing career began in 1999 with a newspaper column, "Dear Pharmacist" which appears every Wednesday in The Gainesville Sun, answering readers' pharmacy-related health questions. Today, Cohen lives in Ocala, Florida, and continues to write the syndicated newspaper column reaching millions of readers worldwide. Readers can e-mail Suzy, or sign up to receive her weekly health column for free, at www.DearPharmacist.com.

Cohen, a member of the American Pharmacists Association, Florida Pharmacy Association, the Association of Natural Medicine Pharmacists, and the Institute of Functional Medicine, has held book signings in several Florida cities since last fall. This spring, she is being featured at BookMania in Stuart, Fla., Barnes & Noble in The Villages, Fla., and Expo West in Anaheim, Calif.

William (Greg) Jones ('81) Manager for Walgreens Mail Service in Orlando; Wife, Inca, is a financial analyst for Florida Hospital; Son, Brennan, 20, is a junior at UF majoring in computer engineering; Son, Taylor, 17, is a high school senior and national junior Olympic gymnast.

**Jerry Koff ('63)** is working part time with Lincare Reliant Pharmacy in Clearwater, FL. Jerry says, "I recently came back from Antarctica with my two children and two grandchildren."

Joshua Lenchus ('93) an Assistant Professor of Clinical Medicine University of Miami Miller School of Medicine; Associate Program Director Jackson Memorial Hospital Internal Medicine Residency; and Clinical Instructor of Pharmacy Practice Palm Beach Atlantic University Gregory School of Pharmacy. As pharmacist and physician, Joshua serves as preceptor for pharmacy students and mentor for medical students and residents. First son, Isaac, was born September 2007.

Gary Levin ('90) has moved to Lakewood Ranch, Florida where he is the founding dean for LECOM-Bradenton School of Pharmacy.

Michael Liquori ('82 & '98) Married to Ruth Anne, a nurse practitioner, two children Kevin and Andrea. Graduated from UF: BS 82, PharmD 98, Michael is a staff/ clinical pharmacist at Oak Hill Hospital in Brooksville, Florida.

Shannon Miller ('96) and husband, Todd, say, "Our family is complete: Brandon, 6, started first grade, Matthew is now 2, and our little princess, Ashleigh has just turned 1."

Mary (Kolody) Moore ('89) Mary says, "Thanks for everything. I wouldn't have what I have now without my education from the University of Florida."

Michael Mustard ('77) This past May, I had the great honor and joy of watching our daughter Katie Mustard, graduate from the UF College of Pharmacy.

JoAnn Nuccio ('78) JoAnn has two daughters, Leslie, 20 and Rachel, 17. She is working with Sweetbay Supermarkets in Tampa.

Sally ('81) & Mike Otero ('86) Sally has been a pharmacist at Wuesthoff Hospital in Brevard County for 20 years. Husband, Mike is also a hospital pharmacist. Daughter, Melissa, is a freshman Gator,

and son, Michael, is a freshman high school percussionist.

Brian Schneider ('02) Brian completed M.B.A. and J.D. Degrees in May from UF, and currently work in store management for Walgreens.

Marshall H. Sibertson ('60) Since retirement, I was bored after owning five pharmacies. I started a home remodeling business and enjoy the hard work as well as the financial rewards very much.

Marvin & Audrey Still ('97) Audrey teaches math at Northeast High School in St. Petersburg. They have 2 children: Coy a UF grad ('02) and Sarah who will graduate from USF spring 2008.

Laura Tipton ('86) has been employed at the University of Florida Student Health Care Center Pharmacy as the Pharmacy Manager since 2002. Laura says, "It is the best job in the world."

Michele Vilaret ('80) Michele was appointed to the Governor's IT council in VA and to the TN e-Prescribing Project Team. A member of National Council of Prescription Drug Programs for six years, she was recently elected to the NCPDP Board of Trustees. Michele accepted a position at National Association of Chain Drug Stores as the Director of Telecommunication Standards, after 26 years with Eckerd Corporation.

Denise Waddell-Spratlin ('96) Denise and husband Tim have two daughters, Shelbey and Cassidy and are expecting a new arrival in February. Denise is currently a clinical pharmacist at the Gainesville VA woking in Primary Care and Disease Management Clinics. She is also the program director for the Primary Care Pharmacy Residency.

Lorraine Levite Whitman ('01) My son Craig is the third generation in pharmacy for our family. My dad, Albert Isaac Levite, (deceased) received his BS in 1973. Craig also joins his 2 great-uncles, Ronald and Leonard Kaler of South Florida, also UF grads in Pharmacy, as the 5th pharmacist in the family. My daughter, Stacey, has completed a master's in Social Work from Bryn Mawr College.

Roberta Harris Woodward ('77) My husband Scott Woodward is an artist, specializing in Florida landscape paintings. My son, Roy Reed, a business major at the UF, was on the Dean's List for a 4.0 GPA spring semester.

## In Memoriam

#### Jeanne L. Scheibler, an Alumnae with Vision and Wisdom



Jeanne Louise Scheibler was a graduate of the class of 1941. On November 17, 2006, Mrs. Scheibler passed away, but because of her vision and desire to support future pharmacy students, her legacy will live forever at the UF College of Pharmacy. Before her death, Jeanne created a trust fund that

would become the Jeanne Scheibler Scholarship to support pharmacy students in need. She left a 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 (1938-41), the only women on campus were in pharmacy and law, so the distractions were plentiful."

But Jeanne was not distracted. This is reflected in her success in pharmacy school, where she received the Ramsaur Award and graduated first in her class, as well as in her long career as a successful and respected pharmacist. 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.

If you are interested in establishing a planned gift to the college, please contact Kelly Markey or Christy Popwell at (352) 273-6605. With a planned giving strategy, you can put your assets to work for any part of the College of Pharmacy you choose — while you and the college share in the benefits.

#### Also Remembered:

Paul Altmayer, MD (Post-doc '82) Robert H. Atwood ('49) Jack Lindamond Camp, Sr., beloved husband of Sandy Buck-Camp ('63) Henry W. Cogley ('63) Brien R. Davis ('75) Charles Herbert Gilliland, MD ('35)

Elise H. Gresham (BSJ '74) Joshua G. Horn (2PD student)

Steven A. Oransky ('76)

Raymond C. Robinson ('58)



## Debbie Klapp Memorial Fund



ur friend and colleague, Debbie Klapp, passed away June 26, 2007,

after a courageous battle with breast cancer. She was an advocate of the pharmacy profession throughout her career. During her 17 years at the college, Debbie impacted countless numbers of students and faculty through her fundraising efforts.

In honor of Debbie's dedication and commitment to the profession of pharmacy and the college, we are creating the Debbie Klapp Memorial Fund to support the students and faculty at the University of Florida College of Pharmacy. Our goal is to reach the level needed to endow the fund so it will permanently continue Debbie's legacy.

If you would like to honor Debbie's memory by supporting the fund, please mail your gift by using the giving envelope enclosed in this magazine. Acknowledgements will be sent to Debbie's husband, Jon and son, KC.

"Fundraising is much more than asking for a check; it's more about listening than asking. I had the chance to live eight decades vicariously as I talked with alumni and I take with me so many wonderful esperiences." — Debbie Klapp ('81)

## In Memoriam of our Lessons in Golf — and Life

here is an indescribable bond between golfing friends. It comes from shared suffering and humiliation. For more than 20 years, Debbie Klapp was my best golfing friend. More often than not, our playing partners were Steve Reeder and Mike Stamitoles. Deb was a very good golfer, so after the men hit off the first tee, our whining and lobbying would begin.

"Deb, you should hit off the men's tee," we said. "Deb, you're too good to hit from the women's tee. Deb, it's not fair for you to get that kind of advantage."

Despite this lasting the entire round, Debbie rarely responded. She just walked quietly to the women's tee and knocked it right by us.

In real life, Deb did not have the advantage of women's "tees." In fact, her "tees" were behind the men's. Still, she knocked it right by us.

Deb knocked it right by us as a person. She was a Renaissance woman. Besides being a loving wife, mother, daughter, and sister — she was a pharmacist, scientist, teacher, fundraiser, administrator, mentor, artist, musician, athlete, and sports enthusiast.

Deb knocked it right by us as a professional. She organized the first homecoming barbecue for College of Pharmacy alumni. We had around 50 people attend the first event. In a short time, the attendance grew to more than 1,000 — the largest event of its kind at UF. After becoming Director of Development for the College of Pharmacy, the level of giving to the college increased significantly, and Debbie was responsible for the college receiving the largest gift in its history, a record that remains unbroken. When she became Senior Director



## Friend, Debbie Klapp

By Timothy Wood, UF associate vice president for development

of Development for UF's Warrington College of Business, she was responsible for the largest gift in the university's history; another unbroken record.

Deb knocked it right by us as a friend. She was always "the better friend" we thought — doing small things to let us know she was thinking about us. She and Jon hosted many events in their home for friends and colleagues who were coming, going, or otherwise marking a milestone in their lives.

Deb knocked it right by us as a wife, mother, daughter and sister. She loved her family. In the all the time we spent together on the golf course, in the car and in the office, she never said one negative word about her family. She

> always spoke of Jon, K.C. and the rest of her family with love and pride. That kind of love doesn't end when the person is gone. It remains with all who knew her and were blessed by her love and friendship.

> Deb knocked it right by us in the way she confronted life's final challenge. She fought a terrible illness with quiet determination and she faced death with incredible courage, dignity and grace.

Deb knocked it right by us, didn't she? Debbie was a rare gift and there will never be a time when we don't miss her. Each time we think of her, we will be reminded of just how special she was and how our lives have been enriched by knowing her. And I will think of her a lot — each time I pass by the women's tees.

Ed Hamilton and son, Alan, golfing with Debbie Klapp in 2006.

## Ken Finger Memorial Day Golf Tournament **Honoring Debbie Klapp**

The 14th annual Ken Finger Golf Tournament, in October, was held in honor of Debbie Klapp — one of the founding foursome of the tournament. Through contributions from our friends and sponsors, we raised more than \$23,000 to support the faculty and students at the college.

A special thank you goes to our long-time sponsors who increased their commitment level for this event.



#### **Platinum**

• Compass Knowledge – Dan Devine

#### Gold

- Drug & Biotechnology **Development** – Robert & Maria Bell
- AnazaoHealth Jake Beckel & **Bob Pruneau**
- Gold Standard David Medvedeff
- Walgreens Jackie Donovan & Georgia Lehoczky

And to our Silver sponsors who are the backbone of our tournament.

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- Formasters
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- McKesson
- Albertsons

I hope to see many of you at our tournament in 2008 at the UF Golf Course. Please check our golf Web page at www.cop.ufl.edu/alumni/golf/ for updated information.

— Kelly Markey **Director of Development** 



## Congratulations to our 2007 Ken Finger golf winners!



FIRST PLACE: Rick Basso, Richard Basso, Kevin Wright, Jeff Stinson



SECOND PLACE: Rick Foley Jake Doty, Richard Neal, Kirk "Woody" Sereda



**THIRD PLACE:** David Medvedeff, Russ Thomas, Josh Heuman, Robert Batte





John Seibold — our first hole in one winner — executed the feat on hole #6 to win a set of Ping Irons donated by Gainesville Volvo. In addition, Gainesville Volvo sponsored a C30 car and Pro Shop merchandise on several holes, and provided refreshments to the players.





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