

ACADEMICS

A Monthly Newsletter for the Faculty of the University of Florida

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Buzz:

Technology Reorganization

By: Marc Hoit, Interim Chief Information Officer



Marc Hoit

The conversation has started. A draft Information Technology reorganization plan is circulating that outlines a vision for the transformation of campus IT services.

Information Technology (IT) is a critical infrastructure for any modern business. It is not only critical but a strategic necessity for a top tier research institution. E-mail, file sharing, websites and other services are fundamental tools for daily business operations including academic and research functions. Very high speed networking, high performance computing, electronic platform learning systems, collaboration tools and other advanced IT services are required to be competitive for the best research institutions. Commitment by the University to provide these services in a robust, cost effective and secure environment is crucial to enhance its strategic directions.

The reorganization plan is focused on two principles: 1) Quality of service and 2) Security. The vision is to reorganize around services (Networking, Learning Support, etc.) and provide a base level of services at the highest level of quality. Many services like networking, e-mail, web hosting and others have become commodity level services and are fundamental to all faculty, staff and students. These services will be offered to all campus units

see IT infrastructure, pg. 7

People:

Board of Trustees

By: Manny Fernandez, Board of Trustees Chairman



Manny Fernandez

Any faculty member can tell you, a sabbatical is a welcome break from the routine, one that gives new ideas a chance to take root and grow. The same can be said of the University of Florida Board of Trustees annual retreats, the most recent of which was held Feb. 15-17 at White Oak Plantation in Yulee, Fla. In the trustees'

case, we normally do not have enough time during regular meetings to deal with strategic issues that affect the university, and this is the perfect mechanism to deal with some long-range matters.

The retreat's theme was the need to expand UF's already accomplished faculty ranks through making a special effort to attract the most talented and gifted minds in the academy. Board members agreed: Recruiting and retaining top-ranked faculty is one of the most important elements in UF's efforts to join the ranks of the nation's top 10 public universities. The most significant issue is how to garner enough resources to accomplish this task

An analysis of UF compared with the current top-10 institutions presented at the retreat showed that UF lags significantly in tuition, endowment, out-of-state students and percentage of graduate students.

This year, in addition to looking at the next evolution of the external-affairs strategy and an interesting federal research report from our Washington, D.C.,

see BOT, pg. 7

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Interdisciplinarity: Experiential Learning

By: *Juan Carols Molleda, Assistant Professor Department of Public Relations*



Juan Carols Molleda

Students in my public relations research and campaigns courses work with on campus and off campus clients. This spring semester, the clients are UF University Relations in behalf of three graduate programs (Art History, Educational Psychology, Women's Studies and Gender Research) and the Romania National Tourist Office in New York City. The experiential or service learning approach has been acknowledged by current and former students to be an eye-opening experience, an effective learning strategy, and a valuable opportunity to put the information learned into practice as well as to showcase a significant portfolio piece that can land them a dream job.

Experiential learning has several challenges though. First, ideally the selection of one or more clients should be accomplished before the semester starts, and mutual understanding and agreement on the nature of the project should be reached and documented in a "letter of expectations." The purpose of this document is to state key aspects that will facilitate a productive and efficient relationship between the client organization and the various student teams. Moreover, the manuscript introduces the main responsibilities of each party involved in the project: client, contact persons, student groups, and instructor.

Second, the syllabus needs to briefly introduce the clients, their needs, and the various stages of the projects, which should be clearly associated to specific class contents and evaluations. Another option could be to mention in the syllabus that the class will be taught following an experiential learning method and then a handout containing details of the project and the clients' expectations is distributed. Students must be constantly reminded and encouraged throughout the semester about the purpose and aims of the class exercise, indicating where we are in the process and where we are going with the project; that is, what the

end result will look like. Various mediated and interpersonal communication channels are used to keep everyone on the same page; that is, electronic messages on WebCTVista, PowerPoint slides with announcements, and informative team meetings. It requires dedication of both students and the instructor.

Finally, students need clarity and focus to understand and develop ownership of the experiential learning project. The accomplishment of this requires the cooperation of the clients and instructor, as well as set deadlines, specific requirements, timely feedback, resource allocation, and a certain level of flexibility to accommodate needs and procedural changes as the various teams encounter minor or significant obstacles, or discover desirable opportunities to excel. A cohesive team is also a necessary requirement for success, adding another challenge to achieve the ownership and proactive participation of students in the class project. Identify student leaders and be an active advisor to enjoy, learn, and grow while providing an active learning opportunity to upcoming professionals.

Dr. Molleda is an Assistant Professor in the Department of Public Relations.

By: *Tina Gurucharri, Associate Professor, Department of Landscape Architecture*



Tina Gurucharri

In response to increasingly complex practices, many professions have moved towards more interdisciplinary collaboration. To better prepare future professionals, giving students complex, multidisciplinary applied projects provides them with a unique opportunity to engage in projects rich with the issues they will confront in practice.

Teaching in the department of Landscape Architecture, I have been fortunate to collaborate with faculty and students from other disciplines across campus on several applied design studio service projects. In collaboration with Environmental Engineering, Urban and Regional Planning and Environmental and Land Use Law, we developed Watershed Management

Plans for Newnans Lake. Working with the Center for Affordable Housing, Architecture, Urban and Regional Planning, and Finance, Insurance & Real Estate we prepared Community Master Plans and Architectural Designs for Affordable Housing in Jacksonville's Cathedral District. In Gainesville, with Architecture and the Center for Construction and the Environment we developed Urban Planning and Design proposals for the brownfield site on Depot Avenue and the surrounding South and East Downtown Neighborhoods. And in Flagler County, we collaborated with Urban and Regional Planning on a County Future Growth Plan, and with the College of Law, on a Hurricane Mitigation and Post-Disaster Redevelopment Policy, Planning and Physical Design Plan.

In the design professions, the studio is the space where interdisciplinary collaboration occurs. While the lack of spaces conducive to collaboration and semester schedule constraints makes interdisciplinary collaboration on campus a challenge, it is a critical pedagogical forum for the integration of knowledge and skills from varied disciplines.

Students benefit from the broader exposure afforded by experiencing first hand the complexities of contemporary interdisciplinary problem solving in their curriculum.

Tina Gurucharri is an Associate Professor in the Department of Landscape Architecture.

By: Maria Rogal, Assistant Professor of Graphic Design, School of Art and Art History



Maria Rogal

Since 2002, Mint—the School of Art and Art History's student-run graphic design studio—has worked on innovative and award-winning graphic design projects for non-profit clients across campus, in the community, and internationally.

Our interest in developing Mint was two-fold: the studio would provide a constructive environment to mentor students as they applied what they learned to real-world projects, and it would become a way to work on exciting and quality projects that would benefit both clients and our program.

Since its inception, Mint has exceeded our expectations—adding tremendous value to the students' undergraduate experience, as well as fostering exceptional graphic design work for the benefit of our clients and community. Each semester, a group of advanced students shift their problem-solving activities from the classroom to selected client projects.

While still preserving academic integrity, students work in a collaborative team environment with client input, to creatively design solutions to meet each client's unique communication objectives. Clients learn more about graphic design and students learn the social, economic, and business aspects so important to professional practice today, including understanding the client's and audience's needs, developing design strategy, working within budgets and on-time, and developing client relation skills.

If you are interested in working with Mint and have a project or idea you would like to discuss, please contact me at mrogal@ufl.edu or 392 0201 x 211.

Maria Rogal is Assistant Professor of Graphic Design, School of Art and Art History, and Affiliate Assistant Professor, Center for Latin American Studies

By: William J. Rossi, Associate Director, Center for Entrepreneurship and Innovation and Gerald Horton, Visiting Professor of Finance Insurance & Real Estate

GatorNest is a “hands-on” learning experience for students who want to make a difference with a real company. The goals for a GatorNest Team are:

1. Learn about entrepreneurship and innovation by working through the real problems of real start-up companies.
2. Practice team dynamics, team management, and group goal-setting in a “real-time” environment.
3. Create value for the client enterprises.

In its six years, GatorNest has consulted with and for more than 100 start-up company clients. The business clients have included:

- Consulting company for veterinarians;
- Business Plan for the Butterfly Rainforest;
- Due-diligence study for an acquisition;
- Market potential study for a new medical diagnostic product; and,
- Distribution study for a biotechnology solution for tooth decay.

All of the businesses have not been Gainesville-based. Several are companies located in cities around the State of Florida such as Jacksonville, Ocala, Orlando, Tampa, and Miami, and several are international companies from locations like Brazil and China.

Students immerse themselves in the day-to-day struggles of a start-up business. It is an opportunity to use the principles and theory they have learned in the classroom in an actual business situation.

Teams of four to six graduate and undergraduate students are formed to consult with:

1. Start-up companies in the Gainesville area
2. UF faculty, staff, and students with new business ideas
3. Companies and individuals that contact CEI seeking assistance and advice

The consulting engagements usually include the drafting of sections of a new venture business plan such as:

- Market Analysis to determine the volume of demand.
- Competitive Analysis to determine the extent to which the market is already being served and by whom.
- Financial Forecasting to determine how much capital is needed for start-up and when and how much the income stream will be and when.
- Product/Service Development Plans for the realization of the new business dream.

There are weekly meetings of the team with a mentor and frequently the client for two to three months.

GatorNest student comments on the program range from... “It’s really cool! Like, it is really doing it rather than just reading about it in a book!”... to... “It compares with flying an airplane rather than just understanding the theory of aerodynamics.”

Both perspectives confirm that GatorNest exemplifies CEI’s goal to “Create a new generation of innovative managers through a program that blends theory and practice for an experiential education.”

Bill Rossi is a Lecturer in the Department of Finance Insurance & Real Estate and Gerald Horton is a Visiting Professor in the Department of Finance Insurance & Real Estate



GatorNest students consult with a client

College in Focus: College of Nursing

College at a Glance

The following information is provided to increase our mutual understanding of each other's disciplines at the University of Florida. It is not intended to suggest a hierarchy among our colleges, but rather to reflect the intellectual and organizational diversity each college lends to the University.

Total number of faculty (Fall 2005)

- Full-time: 58
- Part-Time: 5

Number of faculty in tenure or tenure earning positions (Fall 2004)

- Tenure: 20
- Tenure track: 8

Number of degrees granted (2004-2005)

- Bachelor: 180
- Master: 64
- Doctorate: 4

Student credit hours generated annually (2004-2005)

- Lower: 0
- Upper: 10,754
- Grad I: 4,291
- Grad II: 708

Total student credit hours (fundable units)

- Total SCH majors: 15,753

Enrollment (Fall 2005)

- Undergraduate: 568
- Graduate: 270
- Professional: 0
- NonDegree: 0
- PostBacc: 54

Funded research expenditures

- Sponsored Research: \$1,925,875
- UF Research Foundation: \$462
- Returned Overhead: \$48,999

College development during the last year

- Gifts: \$894,441

Significant national rankings:

Nursing Masters Graduate

- Top 10 percent

Nursing: midwifery- master's/ doc Graduate

- Top 10 percent

Fellows in major societies or equivalent honors

Fellow of the American Academy of Nursing:

Carol Reed Ash, Jennifer Elder, Ann Horgas, Kathleen Ann Long, Beverly Roberts

Fellow of the American College of Nurse

Midwives: Alice Poe

Fellow of the Gerontological Society of America:

Ann Horgas, Beverly Roberts, Meredith Rowe

Fulbright Fellowship Recipient: Sharleen Simpson

College Narrative

By: Bryan Weber, Faculty Senator



Bryan Weber

This year (2006) marks the University of Florida College of Nursing's 50th anniversary, and our faculty, students, and staff are excited to celebrate our rich heritage, and more importantly, our promising future.

The College has more than 70 faculty members who work within three departments: Adult and Elderly Nursing; Health Care Environments and Systems; and Women's, Children's and Family Nursing. The Dean of the College of Nursing is Kathleen Ann Long who is immediate past president of the American Association of Colleges of Nursing and nationally known for her leadership and commitment to nursing education.

The College of Nursing has over 500 undergraduate students and 200 graduate students. The College offers its baccalaureate nursing program in both traditional and accelerated formats.

The master of science in nursing (MSN) program prepares advanced practice nurses in eight specialty clinical tracks as well as the new Clinical Nurse Leader master's degree track—a national pilot program preparing generalist clinicians who can effectively coordinate, manage and evaluate care for groups of patients in complex health systems.

Our PhD in nursing science prepares researchers who will expand knowledge aimed at improving

patient care and as the next generation of nursing faculty. Our innovative North Florida PhD Consortium links UF's PhD in Nursing Science program to sites at several other universities in North Florida via distance learning technology.

The Doctor of Nursing Practice (DNP) is a doctoral degree with a practice-focus and expected to complement our curriculum portfolio some time in the near future.*

The University of Florida College of Nursing has one of the largest numbers of doctorally prepared research-active faculty of any nursing institution in the state. The work of these nurse scientists has resulted in improvements in health promotion, disease prevention and symptom management.

Total research support received by the College is steadily increasing and recently surpassed \$1.8 million. Current research falls into four general areas: aging, women's health, biobehavioral interventions, and health policy.

The College maintains and participates in nursing and interdisciplinary clinics for all populations with special emphasis on underserved and rural patients. Archer Family Health Care is the College's first nurse-managed health care practice and provides full health care services for a rural population, in nearby Archer, Florida.

* Pending Board of Governors approval

Bryan Weber is an Assistant Professor in the Department of Adult and Elderly Nursing.

Laudamus

The UF College of Nursing's faculty members set a standard of excellence when it comes to innovative education, dynamic research and quality patient care.

Due to the innovative spirit of its leadership and faculty, UF has pioneered many groundbreaking nursing education models, including the first nursing faculty practice plan in the state. Faculty members continue to innovate and achieve with the launching of groundbreaking new programs such as the Doctor of Nursing Practice set to change the face of our health care system.

Researchers at the College of Nursing are making a difference in the lives of patients and their families. Improvements in health promotion, disease prevention, and symptom management have resulted from the College's team of nurse scientists.



Professor Norma Cooper is a Clinical Assistant Professor on the College's Jacksonville campus who specifically works to recruit students of all ages into the nursing profession. Cooper began visiting a kindergarten class in a high-poverty area of Jacksonville in fall 2004 to educate the students about health care and exciting opportunities in the nursing profession. Now, thanks to a \$50,000 gift by Blue Cross Blue Shield of Florida, the program has been transformed into a full curriculum designed to encourage students of all ages and cultures to consider a career in nursing or health care.



Dr. Jennifer Elder is the chairwoman of the Department of Health Care Environments and Systems at the College of Nursing. An autism researcher whose program focuses on the in-home training of fathers to better communicate and play with their autistic children, Dr. Elder recently received more than \$1 million in funding from the National Institutes of Health. She will lead a four-year study that will further expand training of fathers to learn effective communication techniques in order to better connect with autistic children. She is a consultant for the Autism Inclusion Project, a research project funded by the U.S. Department of Education.



Dr. Andrea Gregg is an Associate Professor and the Director of the College of Nursing's Jacksonville Campus. She is extremely involved with professional nursing in the state of Florida and known as a tireless advocate for nursing education and the nursing profession. She is the Chair

of the Board of Directors of the Florida Center for Nursing and a member of the Board of Directors of the Florida Nurses Association. She is a trustee of the Florida Nurses Foundation and on the Florida Hospital Association's nursing shortage advisory committee.



Dr. Ann Horgas, Associate Dean for Research, was the principal investigator or co-investigator of more than \$2.5 million in grants from the National Institute for Nursing Research and National Institute on Aging. She is studying methods to assess pain in nursing home residents with dementia

as well as the effect of memory, reasoning and the speed-of-processing on improving mental functions in the elderly. Dr. Horgas has received the Springer Award in Geriatric/Gerontologic Nursing from the Hartford Institute and the Nightingale Award for Excellence in Nursing Research.



Dr. Shawn Kneipp, Associate Professor, has been awarded \$1.4 million from the National Institutes of Health/National Institute of Nursing Research to lead an innovative community-based participatory research study intended to improve the health of women transitioning from welfare to

work and extend employment duration. She was recently recognized by Howard University as one of the Emerging Nursing Stars in Health Disparities Research



Professor Debbie Popovich is an Assistant Professor of Pediatric Nursing and the President of the College of Nursing Faculty Organization. She has published extensively on pediatric nursing, including the topics of adolescent gynecology, pulse oximetry, preserving dignity in the hospitalized

child and sexuality in early childhood. She was named the 2004 College of Nursing Teacher of the Year. Professor Popovich holds membership in the Association for the Care of Children's Health and the National Association of Pediatric Nurse Associates and Practitioners.



Dr. Beverly Roberts recently joined the faculty as the Annabel Davis Jenks Endowed Professor for Teaching and Research in Clinical Nursing Excellence. Roberts is a nationally and internationally known researcher on older adults and exercise, and her most current research study examines

how a low intensity muscle strength program could improve function and recovery of elderly adults who have been hospitalized for a medical condition. Dr. Roberts is a scientific grant reviewer for the National Institutes of Health, Alzheimer's Association of Canada, and Sigma Theta Tau International.



Dr. Joyce Stechmiller, Associate Professor, received \$200,000 from the National Institute of Nursing Research to study the effect of doxycycline on healing of diabetic ulcers. She also was named a UF Research Foundation Professor for 2005-2008. Dr.

Stechmiller recently completed an NINR-funded study to examine the effect of arginine on immune status in elders with pressure ulcers as well as a 1-year funded study by Ross Laboratories as a co-investigator examining nutrition and immune enhancement in adults 65 years of age and greater. She currently serves as President-elect of the College of Nursing Faculty Organization



Dr. Sharleen Simpson is an Associate Professor who has been funded by the Centers for Disease Control and the Florida Department of Health's State Bureau of STD Prevention and Control to examine the behaviors, attitudes and motivations of selected Florida community members relative to

STDs as well as access to services in a number of Florida counties. She has also studied adolescent males and females feelings and perceptions toward STDs in a low-income, inner city area of Jacksonville. Dr. Simpson is a previous Fulbright scholarship recipient, which allowed her to teach and conduct research in the Department of Advanced Nursing Education at the University of West Indies in Kingston, Jamaica.

IT infrastructure, from pg. 1

through central services by central university funding. Specialized needs and services will always exist and be handled by individual units based on their needs or through central services on a per cost basis.

This draft plan is a conceptual plan. Discussions, focus groups, implementation teams and governing structures are flexible and will be developed through the cooperation of all affected groups. Detailed implementation plans will be produced through this cooperative and inclusive process. Please take an active part in these activities to ensure our information technology services are transformed into a world class support function that helps us meet our strategic goals.

Marc Hoit is a Professor in the Department of Civil and Costal Engineering

see BOT, from pg. 1

office, the centerpiece of the board retreat was President Machen's long-range vision for the university. The plan outlines eight major priorities:

Maintain UF's prominence in undergraduate education

Keep Gainesville as the university's primary campus location

Raise the prominence of our graduate programs

Grow professional education to respond to statewide needs

Maintain UF's standing as a research powerhouse

Elevate the arts

Remember our roots

Finalize a long-term strategic plan for UF's health-care system

This vision and the draft of the Strategic Plan that Bernie distributed during the retreat were very well received and a strong endorsement by the trustees to evolve the plan to its final form after the faculty has had a chance to discuss.

As the chairman of the Board of Trustees, I can't emphasize enough how vital you, the faculty, are to the university and to its effort to become a top 10 public university. The Board of Trustees and the administration have worked well with Faculty Senate Chair Kim Tanzer, and we look forward to an equally healthy relationship with Chair-elect Danaya Wright.

As always, we welcome your input. If you have ideas or suggestions related to UF's climb to top-10 status, please e-mail them to me at manny.fernandez@gartner.com.

Manny Fernandez is Chairman of the Gartner Group in Ft. Myers.

College in Focus: College of Pharmacy

College at a Glance

The following information is provided to increase our mutual understanding of each other's disciplines at the University of Florida. It is not intended to suggest a hierarchy among our colleges, but rather to reflect the intellectual and organizational diversity each college lends to the University.

Total number of faculty (Fall 2003)

- Full-time: 55
- Part-Time: 2

Number of faculty in tenure or tenure earning positions (Fall 2004)

- Tenure: 29
- Tenure track: 8

Number of degrees granted (2003-2004)

- Bachelor: 0
- Master: 0
- Doctorate: 12
- Professional: 272

Student credit hours generated annually (2003-2004)

- Lower: 0
- Upper: 0
- Grad I: 27,227
- Grad II: 1,666

Total student credit hours (fundable units)

- Total SCH majors: 4,699
- Total SCH non majors: 54

Enrollment (Fall 2004)

- Undergraduate: 357
- Graduate: 155
- Professional: 1,530
- NonDegree: 87
- PostBacc: 40

Student/Teacher ratio

- Upper: 8
- Graduate: 3.97
- Professional: 25.5

Funded research expenditures

- Sponsored Research: \$6,909,181
- UF Research Foundation: \$ 749,942
- Returned Overhead: \$ 988,747

College development during the last year

- Gifts: \$ 2,800,427
- Pledges: \$ 344,383

Significant National Rankings

- Pharmacy PharmD Graduate
Overall 11; AAU 7 (both ties)

Fellows in major societies or equivalent honors

Fellow, American College of Clinical Pharmacy:
Mr. David Angaran, Dr. Reginald Frye, Dr. John Gums,
Dr. Les Hendeles, Dr. Julie Johnson, Dr. Larry Lopez

Fellow, American College of Clinical
Pharmacology: Dr. Nicholas Bodor, Dr. Hartmut
Derendorf, Dr. Guenther Hochhaus

Fellow, Academy of Pharmacy Practice and
Management of the American Pharmacists Association:
Mr. Paul Doering

Fellow, Academy of Pharmaceutical Research
and Science of the American Pharmacists Association:
Dr. Nicholas Bodor, Dr. Earlene Lipowski, Dr. L.
Douglas Ried

Fellow, American Association of
Pharmaceutical Scientists: Dr. Nicholas Bodor, Dr.
Hartmut Derendorf, Dr. Guenther Hochhaus

Fellow, American Association for the
Advancement of Science: Dr. Nicholas Bodor

Member, Hungarian Academy of Sciences:
Dr. Nicholas Bodor

College Narrative

By: *William Millard, Executive Associate Dean*



William Millard

In 2005, *U.S. News and World Report* ranked the University of Florida College of Pharmacy among the top 11 pharmacy schools in the United States. The past year has been a year of new developments for education and research in which the college has nearly doubled its contracts, grant dollars, state funding and enrollments.

In spring 2005, the college celebrated the 45,500 square-foot, seven-story renovation of the state-of-the-art research facilities on the ground floor of the UF Health Science Center. The funding for the five-year phased, \$14.4 million renovation came from \$8 million privately raised funds, state funds, and a \$900,000 NIH construction grant. The research space joins the new pharmacy space in the Health Profes

sions, Nursing, Pharmacy Complex that provides an additional 23,000 net square feet of office and teaching/laboratory space. The College of Pharmacy is a leader in innovative distance education programs. The Pharmacy Class of 2006, for the first time, will graduate Pharm.D. students from four campuses across Florida: Gainesville, St. Petersburg, Jacksonville and Orlando. A master's program in forensic science disciplines, was launched in 2000 with 100 enrollments in the first year. This year the program has grown to more than 1,000 worldwide enrollments. The Working Professional Pharm.D. program enables nearly 700 working pharmacists with bachelor's degrees living across the United States, Europe, South Korea and Brazil to earn a doctor of pharmacy from UF.

The departments of pharmaceuticals and pharmacy practice collaborated to develop a Clinical Pharmaceutical Scientist Ph.D. Program. The program was created because of the need for clinically trained scientists with sufficient research training to conduct bench-to-bedside research. Designed to prepare students for independent research careers in academia, industry or government, the new program began admitting graduate students fall 2005.

William Millard is a Professor in the Department of Pharmacodynamics.

Laudamus

Funded centers within the College of Pharmacy are dedicated to specific areas of pharmacy research:

Center for Pharmacogenomics – established to improve patient outcomes by maximizing efficacy and minimizing toxicity of drug therapy through research, teaching and service focused on genetically-guided drug therapy decision-making, drug discovery and drug development.

Center for Research in Pharmaceutical Care – established to advance appropriate, safe, effective, and accessible use of medicines. It encourages interdisciplinary research, service and scientifically based education regarding drug therapy.

Center for Drug Discovery – established to promote a strong multidisciplinary approach to pharmaceutical research and graduate studies, embracing a variety of activities from computer-aided drug design and me-

dicinal chemistry to pharmacokinetic and pharmacodynamic programs, drug stability and formulation development, drug metabolism and toxicity. Center for Food-Drug Interaction Research and Education – the newest center, established in 2003 in collaboration with Tufts University School of Medicine. The center's mission is to improve patient outcomes by maximizing efficacy and minimizing toxicity of drug therapy through research evaluating food-drug interactions, as well as educational activities directed to health-care professionals.

The College of Pharmacy has 52 faculty across five departments. Department chairs and key areas of pharmacy research are highlighted:



Raymond Bergeron, Ph.D.,

Duckworth Eminent Scholar and a graduate research professor of pharmacy holds 92 patents and has drugs in clinical trials that treat liver cancer and a genetic blood disorder. Other research interests are ridding the brain of excessive iron – as associated

with Alzheimer's and Parkinson's, and compounds that bind plutonium and uranium, for hope of treatment in terrorist event.



Hartmut Derendorf, Ph.D.,

department Chair, Pharmaceuticals and distinguished professor, is working on a method that combines laboratory analyses and mathematical models to streamline the drug development process that may prove beneficial in shortening lengthy, expensive trial-and-

error approaches. He also established the Center for Food-Drug Interaction and Education in partnership with Tufts University School of Medicine.



Abraham Hartzema, Pharm.D., professor and eminent scholar works to improve medication safety in small rural hospitals. Dr. Hartzema's research interests are health outcomes research with an emphasis on pharmacoepidemiology, risk management, economics, program evaluation, and health services research. He has served as principal and co-investigator on major grants from the National Institutes of Health, government entities, foundations and the pharmaceutical industry



Carrie Haskell-Luevano, Ph.D., associate professor, studies the molecular interactions of proteins with the hope of designing new drugs for preventing or better treating obesity. She works to characterize mutations of a specific protein identified in morbidly obese humans with the hope that a "tailored" drug to treat these human polymorphisms.



Leslie Hendeles, Pharm.D., professor of pharmacy and pediatrics in the Colleges of Pharmacy and Medicine, has researched the clinical pharmacology of asthma drugs for more than 30 years. His main clinical interest is improving the outcome of asthma therapy in young children.

Hendeles has served as a consultant to the FDA's pulmonary division and a member of the coordinating committee of the NIH national asthma program.



Gunther Hochhaus, Ph.D., associate professor of pharmaceuticals, is interested in the fate of asthma drugs in the body (pharmacokinetics) and the effects that they induce (pharmacodynamics). Using mathematical models, he uses these properties to design asthma medication for inhalation with improved efficacy and safety and to answer questions such as, when the medication should be taken to reduce side effects.



Margaret James, Ph.D., department chair, Medicinal Chemistry studies the processes by which enzymes in the liver and other organs convert drugs or environmental pollutants to metabolites, and factors that affect these processes. Metabolites can be toxic or produce unwanted side effects. Understanding drug metabolism is critical to the development of effective, safe, non-toxic drugs and in predicting the toxicity of environmental chemicals.



Julie A. Johnson, Pharm.D., department chair, Pharmacy Practice and the V. Ravi Chandran Professor in Pharmaceutical Sciences is a recognized expert in pharmacogenetics. Her work centers on cardiovascular drugs, with emphasis in hypertension. Johnson's research in pharmacogenomics concentrates on identifying the role of genetics on variable response to drugs, with the hope of achieving the best therapeutic outcome for an individual, based on their genetic make-up.



Maureen Keller-Wood, Ph.D., department chair, Pharmacodynamics, researches the physiology of fetal development and pregnancy, which includes the effects of stress and hormones during pregnancy. Her research goals are to improve treatment of newborns with corticosteroids, gain a better understanding of corticosteroid action in late pregnancy and the effects on fetus/newborn especially in terms of fetal growth and lung maturation.



Richard Segal, Ph.D., is department chair, Pharmacy Health Care Administration. His research interests include disease management, outcomes research, pharmacoconomics, quality improvement, particularly in the areas of drug prescribing, pharmaceutical care, drug use evaluation, and total quality management. Segal has authored a number of manuscripts in the areas of the socio-behavioral aspects of drug therapy and the psychology of the medications use process.



Sihong Song, Ph.D., assistant professor, conducts research focused on gene therapy for diabetes, and autoimmune and genetic diseases. His goal is to develop a gene therapy approach to correct the mutation of alpha 1 antitrypsin (AAT) gene for the treatment of both lung and liver diseases associated with AAT gene deficiency.

Faculty Senate News: 2.23.06 • Meeting Outcomes

Reports:

Chair's Report

Professor Tanzer presented an apology printed in the Alligator on Feb. 14, 2006. She also reviewed the textbook resolution that Student Government passed as well as a resolution that Student Government passed opposing the proposed International student funding cuts in the state legislature. A faculty group has expressed interest in looking at the issue to determine if it is appropriate for the Faculty Senate to pass a similar resolution. Professor Tanzer also presented the General Counsel's answer to a presented tenure and promotion question. Professor Tanzer reported that at the end of March a panel discussion for graduate students will be held in the Reitz Union. The topic for this discussion is "Renaissance Faculty." Graduate students will nominate outstanding graduate professors who are not only excellent faculty members but are also involvements in activities outside of academia. The purpose of this event is to encourage graduate students to maintain a balanced life while excelling as scholars. Professor Tanzer updated the senate on the BOT retreat. The BOT looked at issues related to the future of the University. Manny Fernandez, BOT chair, will report to the Senate in March.

President's Report

Dr. Machen asked the Senate to designate councils to look at the strategic work plan. Dr. Machen stressed that the document is not finalized and encouraged faculty to submit input and advice. Several issues were discussed at the BOT retreat and the BOT supported the following issues: a continued effort to enhance undergraduate education while not continuing to expand; the primary campus location for UF is in Gainesville, graduate education will continue to assume a prominent role in the university; professional education will be responsive to statewide needs by expanding through distance learning and existing programs. Dr. Machen also stressed the importance of developing a safe and sustainable community relationship between the University and the City.

Information Items:

Mike Conlon, Director of Data Infrastructure updated the Senate on PeopleSoft.

Jill Varnes, Dean Health and Human Performance updated the Senate on the purpose, goals and areas of responsibility of the Faculty Athletics Representative.

Gene Zdziarski, Dean of Students updated the Senate on the Student Honor Court, Honor Code and Student Conduct Committee.

Danaya Wright, Constitution Committee member, presented the constitution committee's report on the proposed regulation changes.

Les Thiele, Sustainability Committee Chair, updated the Senate on the sustainability committee progress and the new Office of Sustainability.

Kim Tanzer, Faculty Senate Chair, reviewed the cost of electronic voting and reviewed some pros and cons of the system.

Action Items:

Rick Yost presented the following proposed changes to the Research and Scholarship Polity council.

Name change to Senate Council on Research and Scholarship Policy

Motion was passed unanimously

Graduate Council to a Joint committee

Motion was passed with one opposing vote

Research Policy Council structure changes

Motion was passed with one opposing vote

Compensation Committee clarification from the Committee on Committees

Marylou Behnke and Michelle Foss, Committee on Committees co-chairs

This action item was moved to an information item. Dr. Behnke and Ms. Foss requested additional information from the Senate regarding the compensation committee.

Faculty Senate News:

Senate Agenda

March 23, 2006 • 3:00 -5:00 P.M.

Reitz Union Auditorium

Agenda:

Approval of February 23, 2006 minutes.....Kim Tanzer, Chair

Reports:

- **Chair's Report**.....Kim Tanzer, Chair
- **Provost's Report**.....Janie Fouke, Provost

Information Items:

- **Board of Trustees**.....Manny Fernandez, BOT chair
- **University Relations Update**.....Joe Hice, Associate VP of Marketing and Public Relations
- **Curriculum Committee**.....Sheila Dickison, Chair University Curriculum Committee
 - School of Health Professions
 - Department of Epidemiology and Biostatistics
- **College of Business sunset concentrations** Sheila Dickison, Chair University Curriculum Committee
 - Master of Arts, major-Business Administration concentration-Decision and Information Sciences
 - Master of Science, major-B.A., concentration DIS
 - Master of Art, major-B.A., concentration International Business
 - Master of Arts, major-B.A., concentration Management
 - Master of Science, major-B.A., concentration Management
 - Master of Art, major B.A., concentration Finance
 - Master of Science, major B.A. concentration Finance
 - Master of Science, major B.A., concentration Real Estate and Urban Analysis
- **Constitution Committee Report**.....Chris Snodgrass, Constitution Committee Chair
 - Article V Section 3
 - Article V Section 5
 - Article V Section 7
 - Article VI Section 5
 - Bylaw 20
- **Academic Learning Compacts**Joe Glover, Associate Provost for Academic Affairs
- **Shared Governance Task Force report**.....Tony Brennan and Jean Larson, Task Force Chairs

Action Items:

- **Honorary Degrees Candidate**.....Barry Ache, Chair Honorary Degrees Committee
- **Electronic Voting**..... Kim Tanzer, Chair
- **International Student Funding resolution**
Lynn Frazier, Executive Associate Director of the International Center
- **Committee on Committees resolutions for the Compensation committee**
Mary Lou Behnke and Michelle Foss, Committee on Committees co-chairs

Open Discussion from Floor of Senate:

- Three minute limit per speaker, floor will be open to Senators first