**AWARDS/HONORS**

**Brian Cummings, Associate Professor**
Appointed as the new Director of the UGA Interdisciplinary Toxicology Program

**James Franklin, Associate Professor**
Served on the National Institutes of Health ZRG1 F03A study section in San Francisco on March 8th and 9th. This study section reviews Neurodevelopment, Synaptic Plasticity, and Neurodegeneration pre- and post-doctoral fellowships

**Desola Kalejaiye, 2nd year student**
Awarded the AMCP/FMCP/Pfizer Inc Summer Internship as one of only six internship awarded to students across the nation. She will be participating in a rotation at PerformRx in Philadelphia, PA for 10 weeks, working with a pharmacist preceptor on a research project in addition to learning about the inner workings of the organization and career options available to a managed care pharmacist; will present the results of my project at the AMCP Educational Conference in October 2012 in Cincinnati, OH and participate in the Intern Best Project Competition there; will also spend one week in Alexandria, Virginia, at the AMCP/FMCP offices where to learn about how the professional association works.

**Beth Phillips, Clinical Associate Professor**
Named Teacher of the Year for 2012

**GRANTS**

**Paul Brooks, Assistant Dean for Outreach and Nontraditional Education**
Received $2,993 from Pfizer Inc. for Disease Management 101- A Primer to Understanding the Disease Management Process

**Brian Cummings, Associate Professor**
Received $23,934 from Chevron Chemical Company for toxicity of ligand and metal-ligand-based anti-cancer agents

**Azza el-Remessy, Associate Professor**
Received $150,000 from the Juvenile Diabetes Foundation for pro-inflammatory role of peroxynitrite diabetic retinopathy

**Susan Fagan, Jowdy Professor of Pharmacy**
Received $274,729 from the National Institutes of Health for continued study of mechanisms of vascular protection after ischemic stroke

Received $7,406 from the Health University of Texas continuing Parkinsons clinical trial - statistical center

**Dexi Liu, Head, Pharmaceutical and Biomedical Sciences**
R01 National Institutes of Health four-year grant was transferred from University of Pittsburgh to UGA, fro $515,393; project titled “Computer-Assisted Hydrodynamic Gene Delivery for Hemophilia Gene Therapy” seeks development of a safe and effective method for treatment of hemophilia using gene therapy.
Lakshman Segar, Associate Professor
RO1 NIH grant for $303,689 was transferred from Pennsylvania State University Hershey Medical Center to UGA, for “Study of vascular phenotypic regulation by growth factors, insulin and glucose”

Han-Rong Weng, Assistant Professor
RO1 NIH $297,125 grant transferred from University of Texas MD Anderson Cancer Center to UGA for study of “Glial-cytokine-neuronal interactions in neuropathic pain”

PUBLICATIONS

James Cooper, Professor Emeritus
Published “Longitudinal data examining concomitance of pain and cognition in an elderly long term care population” in the Journal of Pain Research

Brian Cummings, Associate Professor

This chapter is divided into six sections: (1) a brief overview of cytotoxicity and pathways of cell death, (2) a method to measure cell death using lactate dehydrogenase (LDH) release as a marker of membrane integrity, (3) a flow cytometry method that simultaneously measures two types of cell death, necrosis, and apoptosis, (4) use of fluorescence microscopy and nuclear morphology to assess apoptosis and necrosis, (5) the use of multi-well plates and high-content analysis imaging systems to assess nuclear morphology, and (6) a discussion of the use of cytotoxicity assays to determine the mechanisms of cell death.

Azza El-Remessy, Associate Professor
“Na+/H+-exchanger-1 inhibition counteracts diabetic cataract formation and retinal oxidative-nitrative stress and apoptosis” was published in the International Journal of Molecular Medicine; her collaborated in the study lead by investigators from Pennington Biomedical Research Center, Louisiana State University System to examine the protective effects of inhibiting Na/H exchanger on different markers of diabetic retinopathy

Matthew Perri, Professor
Published “Impact of Celebrity Pitch in Direct-to-Consumer Advertising of Prescription Drugs” in Health Marketing Quarterly

PRESENTATIONS

Amber Bradley, Clinical Assistant Professor
Presented “Impact of Granulocyte Colony Stimulating Factor on Neutropenia-Associated Outcomes After High Dose Cytarabine Consolidation for Acute Myeloid Leukemia” during the Completed Research Poster Session at the 8th annual Hematology/Oncology Pharmacy Association (HOPA) Conference in Orlando, Florida on Friday March 23

Jim Bruckner, Professor
Attended the recent national meeting of the Society of Toxicology in San Francisco, and gave three research presentations:
“Determination of pyrethroids in rat plasma and tissues using gas chromatography (GC) and negative chemical ionization mass spectrometry” with Drs. Michael Bartlett and Brian Cummings; “Absorption and transport of the pyrethroid insecticides deltamethrin, trans-permethrin and cis-permethrin by Caco-2 cells;” with Dr. Jason Zastre; and “Plasma protein binding of pyrethroid insecticides,” with Dr. Cathy White

All this research was part of our project to more clearly understand ways the body handles and responds to pyrethroid insecticides, so we can learn whether infants and children may be more susceptible than adults to their adverse effects.
**Brian Cummings, Associate Professor**
Posters presented by his students at the National Society of Toxicology Meeting in San Francisco:
Narendrababu Kolisetty presented “Bromate Increases 3-Bromotyrosine Concentration in Male Rat Kidneys”; and
Natalie Scholpa and Narendrababu Kolisetty presented “Epigenetic Changes in p21 Expression in Rat Kidney after Exposure to Bromate”

**Azza El-Remessy, Associate Professor**
Presented “Is tyrosine nitration a viable treatment option for diabetic retinopathy” at Keystone Symposium annual meeting on Diabetic complication

**Islam Mohamed, MS** a Clinical and Experimental Therapeutics graduate student presented “Role of endothelial TXNIP expression in inflammasome and microvascular degeneration”

**Johnna Hodges, Assistant Director, Regulatory Affairs**
Presented Accessibility Matters: Section 508 Compliance for Online Courses and Content in conjunction with Ms. Janet Sylvia College of Agriculture and Environmental Science, as part of the EBP Conference - Institute for Evidence-Based Health Professions Education.

**Eileen Kennedy, Assistant Professor**
Invited to give a seminar for the Department of Physiology and Pharmacology in the UGA College of Veterinary Medicine

**Michael Melroy, Clinical Services, Department of Pharmacy, Memorial Health University Medical Center, Savannah**
Presented “Formulary Considerations with Anticoagulants” at the Spring Georgia Society of health-System Pharmacists Meeting here in Savannah.

**Somanath Shenoy, Associate Professor**
Presented research posters from the laboratory at the Hematology Oncology Pharmacists Association (HOPA) Annual Meeting, March 21-24, Orlando, FL
Al-Husein B, Goc A, Kochuparambil ST, Azayzih A and Somanath PR, “Effects of Simvastatin on Prostate Tumor Cells Survival, Proliferation, Invasion and Micrometastasis”; and

**Clinical and Experimental Therapeutics** presentations at the Georgia Health Sciences University, Graduate Research Day on March 23, 2012:
Goc A, Liu J, Byzova TV and Somanath PR, “Chemotaxis, transendothelial migration and micrometastasis of prostate cancer cells is reliant on Akt-mediated affinity modulation of integrin alpha-v beta-3”. (Platform presentation)

**CET Post-doctoral fellows:**
**Oral presentation:**
Barbara Mysona from Azza El-Remessy’s lab “Inflammatory role of proNGF/p75NTR in Muller cells of the diabetic retina”
Anna Goc from Somanath Shenoy’s lab: “Akt mediates prostate cancer cell migration and invasion via affinity modulation of integrin beta 3”
Rajkumar Pyla from Lakshman Segar’s lab: PDGF VS insulin regulation of glucose transporter isorforms in vascular smooth muscle cells”

**CET graduate students (posters):**
Roshini Prakash from Advie Erugl’s lab “Early glycemic control conserves cerebral vasculature in diabetes”
Sahar Soliman from Susan Fagan’s lab “Vascular protection mediates candesartan neuroprotection: Role of VEGF-A and B”
Ahmed Alhusban from Susan Fagan’s lab “AT1 receptor antagonism modulates the angiogenic response of endothelial cells to Ang II: BDNF a novel mediator”

Islam Mohamed from Azza El-Remessy’s lab “Role of TXNIP in endothelial inflammasome activation and microvascular degeneration”

Sherif Hafez from Adviye Ergul’s lab “reperfusion injury in a hyperglycemic clinically relevant novel model”

Ahmad Al-Azayzih from Somanath Shenoy’s lab: Angiotension receptor blockers (ARBs) enhance prostate cancer cell functions in vitro

Maha Abdalla from Somanath Shenoy’s lab “Protein kinase B Akt: Dynamic switch in fibrobalsts to myofibroblasts trans-differentiation in response to bFGF and TGF-beta”

OTHER NEWS

Robert Arnold, Assistant Professor
Served on two NIH panels:
NIH, Special Emphasis Panel/Scientific Review Group ZRG1 ETTN-P-(50) R PAR-11-304, Development of Appropriate Pediatric Formulation and Drug Delivery Systems, 3/12, CA
NIH, Special Emphasis Panel/Scientific Review Group ZRG1 ETTN-P-(11) B, Drug Discovery for Aging, Neuropsychiatric and Neurologic Disorders, 3/11, CA

Aaron Beedle, Deborah Elder, Shelley Hooks, Eileen Kennedy, Beth Phillips, Trina von Waldner
Participated in a faculty panel discussion on women’s issues for Women’s History Month

James Bruckner, Professor
Served as the Chair of a committee that met in Research Triangle Park, NC, to review the scientific merits of a U.S. EPA IRIS document that serves as the basis for setting human exposure standards to 1,4-dioxane. This is an important chemical in the aerospace industry. The EPA’s proposed standards are being challenged by industry and by the U.S. Department of Defense.

Inaugural Chu Lectureship
“Nucleosides: A Fertile Field for Drug Discovery” is the first lecture of the inaugural Chu Lectureship Series hosted by the Department of Pharmaceutical & Biomedical Sciences; the presentation was made by Jack Secrist, president and CEO of Southern Research, on March 28; the Chu Lectureship was established to bring nationally and internationally recognized leaders in drug discovery to UGA, and to honor the outstanding accomplishments and contributions of Distinguished Research Professor Emeritus David Chu in the College

The 36th International Good Manufacturing Practices Conference was held March 12-15, 2012, at the Georgia Center. The conference is co-sponsored by the U.S. Food and Drug Administration and the College of Pharmacy. The conference was attended by over 300 pharmaceutical executives and consultants from 11 countries and spotlighted sessions on risk management and supply chain control solutions. The keynote speaker was Deborah Autor, Deputy Commissioner for Global Regulatory Operations and Policy, FDA. Evaluations from the attendees indicated that the conference objectives were generally met or exceeded. Information from the conference is posted on the conference website – www.internationalgmp.com. Next year’s conference will be held March 11-14, 2013, at the Georgia Center. Any questions about the conference can be directed to Gary Dykstra (gdykstra@rx.uga.edu)

Academy of Independent Pharmacists (AIP) Scholarship Recipients
Cassie Hayes, Zach Thellman and Amanda Young were among five students in the state selected to each receive a $5000 scholarship for a 10-week summer internship at an AIP member’s pharmacy during the summer. The internship experience focuses on the “business side” of operating a pharmacy. It is the intent of the scholarship to foster the entrepreneurial spirit in pharmacy students that have a strong desire to pursue a career in independent pharmacy. The experience will teach the student how to run a business.

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