

Rx News

A Monthly Newsletter
of The University of Georgia College of Pharmacy
October 2015

AWARDS/HONORS

Aaron Beedle, Assistant Professor

Served as a grant reviewer for the Muscular Dystrophy Association Research Grant and Development Grant programs on the Scientific Advisory Committee, October 9, 2015, Washington DC.

Brian Cummings, Associate Professor

Served as Chair for the Department of Defense Prostate Cancer Research Program Grant Review Panel on Clinical Experimental Therapeutics held on October 14th and 15th

Kalen Manasco, Clinical Associate Professor

Selected to participate in the 2016 Class of Leadership GPhA.

Selected to participate in the Cystic Fibrosis Pharmacist Mentoring Program in its 2nd year.

Dr. Dianne May, Chair of ACCP Drug information PRN

Dr. Christopher Bland, Chair of ACCP Infectious Disease PRN

Dr. David DeRemer, Chair of ACCP Hematology/Oncology PRN

Dr. Kalen Manasco, Chair-Elect of ACCP Pediatrics PRN

At the 2015 American College of Clinical Pharmacy (ACCP) Global Conference on Clinical Pharmacy the following faculty were recognized and started elected leadership roles in the organization.

Drs. Dianne May and David DeRemer were honored as Fellows. Fellowship (FCCP) recognizes excellence in the practice and science of clinical pharmacy. Fellowship is awarded to individuals who have made sustained contributions to the College and who have demonstrated exceptional performance in clinical pharmacy practice and/or research.

ACCP has 22 Practice Based Research Networks (PRNs). The PRNs represent focused interest groups of ACCP members. They provide a means for clinical pharmacists with common practice, teaching, and research interests to gather for professional interaction, networking, and continuing education. Each PRN has elected leaders that serve the organization and the PRN membership to develop and provide professional development, meeting programming, and student and member awards as well as complete research and publish papers on timely topics in their areas of focus. This year our faculty members have been elected to lead four of the PRNs listed above

Rusty May, Clinical Professor

Appointed to the American College of Clinical Pharmacy Member Relations Committee 2016.

Mandi Murph, Associate Professor

Served as a grant reviewer for the Ovarian Cancer Research Program for the Department of Defense Congressionally Directed Medical Research Programs, October 1-2, 2015, and also served as the session chair for several discussions when the established chair had conflicts of interest with the proposals

Merrill Norton, Clinical Associate Professor

Was honored by the Georgia Addiction Counselors Association in receiving the prestigious Distinguished Service Award for 2015. The award is bestowed on individuals for recognition of their long term support and commitment to the treatment and welfare of those affected by alcohol and drug addiction in Georgia and nationally. Norton's efforts of educating thousands

of behavioral health practitioners nationally to the disease states of substance use disorders and his dedication to the early prevention and intervention of addictive disease in Georgia's families makes him a person uniquely qualified for this award.

Somanath Shenoy, Associate Professor

Served as a co-chair, prostate cancer session at the 20th World Congress on Advances in Oncology, Athens, Greece (October, 2015)

GRANTS

Ewan Cobran, Assistant Professor

Received \$40,000 to support a research project on Quality of Life, Racial Differences, and Risk of ADT Associated Diabetes, MI, and CVD during Treatment for Advance Prostate Cancer.

Scott Pegan, Associate Professor

Received annual continuation funding in the amount of \$308,078 from the National Institutes of Health for the project titled ORIGIN OF THE INNATE IMMUNITY SUPPRESSION CAUSED BY NAIROVIRUS' PROTEASE ACTIVITY.

Henry Young, Kroger Associate Professor

Funded by The Council on Alcohol and Drugs, Inc. and Let's Be Clear Georgia, Inc. to carry out research projects related to their programs.

PUBLICATIONS

Michael Bartlett, Professor

X. Yang, I. Poddar, C.M. Hernandez, A.V. Terry, M.G. Bartlett, "Simultaneous quantitation of quetiapine and its active metabolite norquetiapine in rat plasma and brain tissue by high performance liquid chromatography / electrospray ionization tandem mass spectrometry (LC-MS/MS)." *Journal of Chromatography B*, 1002, 71-77 (2015).

Scott Pegan, Associate Professor

Engineering the Organophosphorus Acid Anhydrolase Enzyme for Increased Catalytic Efficiency and Broadened Stereospecificity on Russian VX. Daczkowski CM, Pegan SD, Harvey SP. *Biochemistry*. 2015 Oct 20;54(41):6423-33. doi: 10.1021/acs.biochem.5b00624. Epub 2015 Oct 6

Dexi Liu, Panoz Professor of Pharmacy

Linna Yan, Kexiu Song, Mingming Gao, Shen Qu and Dexi Liu (2015). Modulation of Cell-mediated Immunity to Suppress High Fat Diet-induced Obesity and Insulin Resistance, *Pharmaceutical Research*, DOI 10.1007/s11095-015-1797-9.

Mohammad Alsaggar, Qian Yao, Houjian Cai and Dexi Liu (2015) Differential Growth and Responsiveness to Cancer Therapy of Tumor Cells in Different Environments. *Clinical and Experimental Metastasis*. DOI 10.1007/s10585-015-9761-y

Takeshi Yokoo, Tsutomu Kanefuji, Takeshi Suda, Kenya Kamimura, Dexi Liu and Shuji Terai (2015). Site-specific Impact of a Regional Hydrodynamic Injection: Computed Tomography Study during Hydrodynamic Injection Targeting the Swine Liver, *Pharmaceutics*. 7:334-343.

Mohammad Alsaggar and Dexi Liu (2015) Liver-Targeted Gene and Cell Therapy – An Overview. In "Gene Therapy and Cell Therapy through the Liver" Edited by Shuji Terai and Takeshi Suda, Springer Japan KK, Tokyo, Japan, pp 1-11.

Kenya Kamimura, Hiroyuki Abe, Yuji Kobayashi, Takeshi Suda, Yutaka Aoyagi and Dexi Liu (2015). Image-guided Hydrodynamic Gene Delivery to Liver: Toward Clinical Applications. In "Gene Therapy and Cell Therapy through the Liver" Edited by Shuji Terai and Takeshi Suda, Springer Japan KK, Tokyo, Japan, pp 85-92.

Kalen Manasco, Clinical Associate Professor

Ploessl C, White C, Manasco K. Correlation of a vancomycin pharmacokinetic model and trough serum concentrations in pediatric patients. *Pediatric Infectious Disease Journal* 2015;34:e244-47.

George Zheng, Associate Professor

Zhen Han; Yeping Luan; Yujun George Zheng (2015) "Integration of Bioorthogonal Probes and Q-FRET for the Detection of Histone Acetyltransferase Activity". *ChemBioChem*. Ahead of Print. <http://dx.doi.org/10.1002/cbic.201500427>

PRESENTATIONS

Michael Bartlett, Professor

S. Hooshfar, F. Kobarfard and M.G. Bartlett. The application of de novo peptide sequencing for characterization of cetorelix acetate and its related impurities, 29th National Meeting of the American Association for Pharmaceutical Scientists Orlando, FL, November 2015

B. Basiri and M.G. Bartlett. Investigation of capillary LC-MS methods for oligonucleotide separation. 29th National Meeting of the American Association for Pharmaceutical Scientists. Orlando, FL, November 2015

Christopher Bland, Clinical Assistant Professor

Presented "Current Landscape of MRSA Infections" at the 2015 ACCP Global Conference on Clinical Pharmacy, San Francisco, CA. October 21st, 2015.

Presented "Novel Anticoagulants: Overview with Practical Application through Patient Cases" at the 2015 Georgia American College of Physicians Meeting, Buford, GA. October 24th, 2015.

Platform Presentation: Derrick C, Justo JA, Lu ZK, Al-Hasan MN, Bland CM, MacVane S, Rumley K, Swindler J, Britt B, Martin KE, Bookstaver PB. Evaluation of Definitive Therapy with Third-Generation Cephalosporins for Bloodstream Infections Secondary to Chromosomally-Mediated AmpC-Producing Enterobacteriaceae. Interscience Conference of Antimicrobial Agents and Chemotherapy, September 21st, 2015.

Poster: Derrick C, Lu ZK, Bookstaver PB, Al-Hasan MN, Bland CM, Jones B, Stover S, King ST, **Fleming VH, Branam T**, Cluck D, Odle B, DiMondi P, Estrada S, Justo JA. Evaluation of Empiric Therapy with Third-Generation Cephalosporins for Bloodstream Infections Secondary to Chromosomally-Mediated AmpC-Producing Enterobacteriaceae. Abstract #132. ID Week, San Diego, CA, October 2015.

Poster: Patch M, Patel S, Bland CM, Estrada S. Evaluation of real-world use of fosfomycin for urinary tract infections. Abstract # 37614. American College of Clinical Pharmacy Global Conference on Clinical Pharmacy, San Francisco, CA, October 21st, 2015.

Platform Presentation: Truitt M, Bland CM, Bookstaver DA. Clinical Outcomes of Bloodstream Infections from Chromosomally-mediated AmpC-producing Enterobacteriaceae. Georgia American College of Physicians Meeting in Buford, GA. October 24th, 2015.

Catherine Bourg, Clinical Assistant Professor

Bourg, **Gin Fleming** and Russ Palmer gave a presentation at the College of Education Innovations Conference at the Georgia Center entitled "Incorporation of video-enhanced case-based learning strategies into large classroom teaching."

Bourg also spoke at the Ansel Symposium and gave an ACPE accredited presentation entitled "Newly Approved Therapies for Type 2 Diabetes."

Trisha Branam, Clinical Assistant Professor

Invited poster presentation, Optimal Dose of Enoxaparin in Critically Ill Patients with Venous Thromboembolism, at the ACCP Global Conference on Clinical Pharmacy, San Francisco, CA, October 17-21

Brian Cummings, Associate Professor

presented a Plenary Lecture titled "Blood Lipid Indicators of Drug Abuse and Addiction" at the Howard C. Ansel Symposium held October 23rd, 2015 at the College of Pharmacy.

Azza El-Remessy, Associate Professor

As a visiting professor to Misr International University (MIU): taught Diabetes and Endocrinology (30 hours) to Pharmacy students; presented "Therapeutic targets to restore reparative angiogenesis in hind limb ischemic model" to faculty and staff; and performed a workshop hands-on training on "how to write a winning manuscript" to faculty and staff.

James Franklin, Associate Professor

Presented the following poster at the annual meeting of the Society for Neuroscience on October 18th: The effect of the mitochondria-targeted antioxidant MitoQ on memory retention and neuropathology in aged 3xTg-AD mice

Ashley Hannings, Clinical Assistant Professor

Presentation at the Ansel Symposium: "Incorporating Immunizations into Chronic Disease Management." 2015 Howard C. Ansel Symposium in Athens, GA, October 24, 2015.

Anthony Hawkins, Clinical Assistant Professor

Gave a 1-hr invited presentation entitled 'Surviving Sepsis: Early Goal Directionally Challenged' at the GSHP Fall annual meeting in Young Harris, GA.

Served as moderator for a poster session at the ACCP annual meeting in San Francisco, CA.

Mandi Murph, Associate Professor

Gave an invited talk about her research on the RGS10 protein at the 25th Annual Keck Center Research Conference: A Quarter Century of Team Science, in Houston, Texas, October 16, 2015

Rusty May, Clinical Professor

"New Drug Update 2015: A Formulary Approach" North Carolina AHEC Continuing Education Program, Charlotte, NC, September 29, 2015.

"New Drug Update 2015: A Formulary Approach" Medical Continuing Education Program, Hamilton Medical Center, Dalton, GA, October 1, 2015.

"New Drug Update 2015: A Formulary Approach" Georgia Society of Health System Pharmacists Fall Meeting, Young Harris, GA, October 16, 2015

"New Drug Update 2015: A Formulary Approach" Preceptor Development Program, Charlie Norwood VA Medical Center, Augusta, GA, October 27, 2015.

"New Drug Update 2015: A Formulary Approach" Pharmacy Education Program, Doctors' Hospital, Augusta, GA, October 28, 2015.

Merrill Norton, Clinical Associate Professor

Presented " The Psychopharmacology of Substance Use Disorders-2015" to the Alabama Board of Medical Examiners, Destin, Florida;

Presented " Juvenile Courts, Substance Use, and the Adolescent Brain" to the Institute of Continuing Judicial Education of Georgia, Athens, Georgia

Presented " The Pain of Pleasure-Opioid Use Disorders and Their Treatments" at the 2015 Howard C. Ansel Symposium, UGA College of Pharmacy, Athens, Georgia;

Presented " What Is Addiction?" to the Forsyth County Drug Prevention Coalition, Cumming, Georgia.

Scott Pegan, Associate Professor

"A journey into the world of nairovirus ovarian tumor domain proteases and implications for therapeutic discovery," Mercer University College of Pharmacy, October 19th, 2015

Beth Phillips, Rite Aide Professor

Invited presentation for GSHP: "Hot Topics in the New PGY1 Residency Accreditation Standard" Georgia Society of Health-System Pharmacists (GSHP) Preceptor Development Workshop. Atlanta, GA. October 2, 2015.

Marjorie Phillips, Clinical Professor of Pharmacy Practice (OAS)

Presented "Tracing the Profession: 30 Years since the Hilton Head Conference in 1985" for the student track at the South Carolina Society of Health-system Pharmacists Fall Meeting in Columbia, SC on October 22nd

Hilary Teibel, Pharm.D., PGY1 Pharmacy Resident at Georgia Regents Medical Center/UGA and graduate student at the College published "Compatibility of vancomycin and oxacillin during simulated Y-site delivery" in Hospital Pharmacy (Sept 2015)

Somanath Shenoy, Associate Professor

Invited for a seminar on "Discrete functions of GSK3 α and GSK3 β on prostate cancer growth and metastasis" at the 20th World

Congress on Advances in Oncology, Athens, Greece (October, 2015)

Served as a co-chair, Prostate cancer session at the 20th World Congress on Advances in Oncology, Athens, Greece (October, 2015)

Michael Thiman, Clinical Assistant Professor

Presented a poster at the ACCP meeting: Thurston MM, Gardner K, Nguyen E, dela Pena L, Thiman ML, and Smith AJ. Ambulatory Care PRN membership benefits survey. 2015 ACCP Global Conference on Clinical Pharmacy. San Francisco, CA. October 21, 2015.

OTHER NEWS

Christopher Bland, Clinical Assistant Professor

Interviewed by Pharmacy Practice News in October issue regarding "Extending the Reach of Antimicrobial Stewardship" related to the ID PRN session at the ACCP Global Conference. http://www.pharmacypracticenews.com/ViewArticle.aspx?d=Clinical&d_id=50&i=October+2015&i_id=1235&a_id=33977

Interviewed by Pharmacy Practice News regarding in October issue regarding "MRSA Remains a Tough Out for Caregivers" related to the MRSA session at the ACCP Global Conference. http://www.pharmacypracticenews.com/ViewArticle.aspx?d=Clinical&d_id=50&i=October+2015&i_id=1235&a_id=33975

James Bruckner, Professor

Participated in a review and meeting of the EPA Science Advisory Board that reviewed and evaluated a report entitled Assessment of the Potential Impacts of Hydraulic Fracturing on National Drinking Water Resources. This is an assessment of whether high pressure injection of fluid and chemicals in oil and gas wells is significantly affecting the quality and quantity of the nation's ground and surface water

Tom Taylor, Associate Professor Emeritus

Interviewed for: "Understanding is the key to successful medication use," Columbia County News Times, September 16, 2015.

"Taking your prescription medicines correctly," Columbia County News Times, October 11, 2015.

Center for Drug Discovery

The UGA **Center for Drug Discovery** will hold a day-long conference on Thursday, November 19, at the Georgia Center for Continuing Education. The conference will feature three plenary speakers, lunch (free with registration), and a poster session with awards for best graduate student and postdoc entries. Plenary speakers will be:

- Dr. P. Jeffrey Conn, Lee E. Limbird Professor of Pharmacology and Director of the Center for Neuroscience Drug Discovery, Vanderbilt University. "Allosteric modulators of GPCRs as a novel approach for treatment of CNS disorders." Co-sponsored by the UGA Neuroscience Program.
- Dr. Kim Lewis, Distinguished Professor in the Department of Biology and Director of the Antimicrobial Discovery Center, Northeastern University. "The Quest for Novel Antibiotics." Co-sponsored by the UGA Department of Infectious Diseases.
- Dr. John L. Magnani, Chief Science Officer and Vice President of GlycoMimetics Inc. Title TBA. Co-sponsored by the UGA Cancer Center, "Glycomimetic Drugs: An Untapped Source of Novel Therapeutics Now in Clinical Trials for Hematologic Malignancies".

Nair Symposium Celebrates His Tenure and Retirement from the College of Pharmacy

On Thursday, November 19, 2015, the University of Georgia College of Pharmacy will host the Nair Symposium in honor of the retirement of Vasu Nair, Associate Dean for Research at the College of Pharmacy. The symposium begins at the completion of the 2015 UGA Conference on Drug Discovery, which will take place in Mahler Auditorium at the UGA Center for Continuing Education. The symposium will be held from 3:30-5:30 p.m., with a reception to follow from 5:30-6:30 p.m. in the Hill Atrium, outside Mahler Auditorium.