2011 Annual Report: Graduate Degrees Awarded (August 2010 thru May 2011)

Please help the College of Pharmacy congratulate our most recent MS and Ph.D. graduates.

Industrial and Physical Pharmacy

- David Alonzo, PhD – December 18, 2010
  - Major Professor: Lynne S. Taylor
  - Thesis Title: Maximizing the Solubility Advantage of Amorphous Pharmaceutical Systems
  - Post-graduation destination: Industry, Research Scientist, Abbott Laboratories, Abbott Park, IL
- Jared A. Baird, PhD – May 7, 2011
  - Major Professor: Lynne S. Taylor
  - Thesis Title: Understanding Crystallization Tendency of Organic Molecules from the Undercooled Melt and Glassy State
  - Post-graduation destination: Industry, Formulation Research Scientist, Allergan, Irvine, CA
- Umesh Kestur Satyanarayana, PhD – May 7, 2011
  - Major Professor: Lynne S. Taylor
  - Thesis Title: Investigation and detection of crystallization from amorphous pharmaceutical systems
  - Post-graduation destination: Industry, Research Investigator I, Bristol-Myers-Squibb, New Brunswick, NJ
- Kerry L. Loader, MS – December 18, 2010
  - Major Professor: Stephen R. Byrn
  - Non-thesis MS
- Carolyn I. McGary, MS – May 7, 2011
  - Major Professor: Stephen R. Byrn
  - Non-thesis MS
- Stephanie Mowery, PhD - August 2011
  - Major Professor: Gregory T. Knipp
  - Thesis Title: Characterization, Expression, and Functional Analysis of Proton-Dependent Oligopeptide and Pharmaceutically Relevant Transporters
  - Post-graduation destination: Department of Pharmaceutical Chemistry, The University of Kansas, Lawrence, KS
- Andrew Otte, PhD - May 26, 2011
  - Major Professor: Rodolfo Pinal
  - Thesis Title: From Milling to Particle Engineering: Formulations for Dry Powder Inhalers
  - Post-graduation destination: Education, Post-doctoral with Rodolfo Pinal, Department of Industrial and Physical Pharmacy, Purdue University
- Li-Fang Pan, PhD - August 2011
  - Major Professor: Gregory T. Knipp
  - Thesis Title: Delineating the Potential Effects of Bisphenol A on Placental Fatty Acid Homeostasis
  - Post-graduation destination: Vetter Development Services, Skokie, IL
- Niraj S. Trasi, PhD – May 7, 2011
  - Major Professor: Stephen R. Byrn
• Thesis Title: Effect of Disorder on the Physico-Chemical Behavior of Pharmaceutical Compounds
• Post-graduation destination: Education, post-doc in the lab of Dr. Lynne S. Taylor

• Lori Ward, PhD - December 2011
  • Major Professor: Gregory T. Knipp
  • Thesis Title: Characterization of Basal and Di-(2-Ethylhexyl) Phthalate Altered Fatty Acid Transport Across the Human Immortalized Blood-Brain-Barrier Cell Line, hCMEC/D3
  • Post-graduation destination: Biogen Idec, Inc. Cambridge, MA

• Toni A. Wright-Glinsey, MS – August 6, 2010
  • Major Professor: Stephen R. Byrn
  • Non-thesis MS

Medicinal Chemistry and Molecular Pharmacology

• Joel A. Bergman, PhD – December 18, 2010
  • Major Professor: Richard A. Gibbs
  • Thesis Title: Synthesis of Isoprenoids and Isoprenoid Mimetics: Development of Novel Nanomolar Icmt Inhibitors
  • Post-graduation destination: Education, Research Associate (postdoc), Dept. of Medicinal Chemistry and Pharmacognosy, College of Pharmacy, UIC, Chicago, IL

• Hakeenah Fattah Brown, MS – August 6, 2010
  • Major Professor: Douglas J. LaCount
  • Thesis Title: An improved fragmentation method of Plasmodium falciparum genes for yester two hybrid screening
  • Post-graduation destination: Industry, Chemist at Tradebe Treatment and Recycling in Orange Park, FL

• Felice Nicole Butler, PhD – December 18, 2010
  • Major Professor: Donald E. Bergstrom
  • Thesis Title: Peptide Nucleic Acid (PNA) Hybridization. Part I. Application to Nanoscale Sensors. Part II. Self-Assembly
  • Post-graduation destination: Education, post-doc at Purdue University

• Chih-Hong Chen, PhD – May 7, 2011
  • Major Professor: Carol B. Post
  • Thesis Title: Structure, kinetics, and backbone dynamics of the SH2 domain of human proto-oncogene protein Vav 1 bound to a doubly phosphorylated Syk peptide
  • Post-graduation destination: Education, postdoc in Chemistry & Chemical Biology/Biomedical Engineering, Rutgers University, Piscataway, NJ

• Holli Marie Drendel (nee Duren), PhD – August 6, 2010
  • Major Professor: Chang-deng Hu
  • Thesis Title: Molecular Genetic Analysis of AP-1 in DNA Damage Responses in C. elegans
  • Post-graduation destination: Education, post-doc in lab of Dr. Tony Hazbun, MCMP, Purdue University

• Jagadish K. Hindupur Ranganathan, MS – May 7, 2011
  • Major Professor: Chris Rochet
  • Thesis Title: Alpha Synuclein Aggregation in Parkinson’s Disease Role of Primary Structure, Membranes and Antioxidant Protein MSRA

• Jose I. Juncosa, PhD – May 7, 2011
  • Major Professor: David E. Nichols
  • Thesis Title: Organic synthesis combined with molecular modeling: A powerful approach to map the functional topography of dopamine and serotonin receptors
  • Post-graduation destination: Education, post-doc at Northwestern University, Evanston, IL

• Brian Maurice Laing, PhD – August 6, 2010
  • Major Professor: Donald E. Bergstrom
• Post-graduation destination: Education, post-doc in Chemistry, Boston College, Boston, MA
  Pei-fen Liu, PhD – May 7, 2011
  Major Professor: Chiwook Park
  Thesis Title: Investigation of Protein-Ligand Interactions on a Proteomic Scale
  Post-graduation destination: Education, post-doc in Dept. of Biochemistry, Duke University, Durham, NC

• Christopher P. Mill, PhD – May 7, 2011
  Major Professor: David J. Riese
  Thesis Title: The ErbB4 receptor tyrosine kinase couples to divergent biological response in a content-dependent manner
  Post-graduation destination: Education, post-doc at St. Jude’s Research Hospital, Memphis, TN

• Akhil Mehta, MS – August 6, 2010
  Major Professor: Arun K. Ghosh
  Thesis Title: Design and Synthesis of Memapsin 2 Inhibitors
  Post-graduation destination: research position in the pharmaceutical industry

• Wesley David Penn, MS – August 6, 2010
  Major Professor: Douglas J. LaCount
  Thesis Title: Yeast Two-Hybrid Analysis of Host – Protein Interactions in Falciparum malaria
  Post-graduation destination: Industry, Research Assistant, Allylix, Inc., in Lexington, KY

• Jiao Song, PhD – December 18, 2010
  Major Professor: Richard A. Gibbs
  Thesis Title: Development of mass spectrometric tools for the cellular characterization of protein prenylation
  Post-graduation destination: Industry, postdoctoral fellow, Johnson & Johnson, San Diego, CA

• Katherine E. Strathearn, PhD – December 18, 2010
  Major Professor: Chris Rochet
  Thesis Title: Role of alpha-synuclein primary structure and oxidative stress in Parkinson’s disease pathology
  Post-graduation destination: Education, post-doc in Rochet lab at Purdue University; followed by Industry, Cell Application Scientist, Corning Life Sciences, West Kennebunk, ME

Pharmacy Practice

• Neeraj Neelakantan Iyer, MS – August 6, 2010
  Major Professor: Joseph Thomas, III
  Thesis Title: Perceptions about Diabetes, Medication Beliefs and Medication Adherence among Persons with Diabetes
  Post-graduation destination: PhD student, PHPR, Purdue University

• Jyothi Menon, MS – May 7, 2011
  Major Professor: Joseph Thomas, III
  Thesis Title: Wellness Coaching and Health-Related Quality of Life
  Post-graduation destination: PhD student, PHPR, Purdue University

• Ahmed Nader Mohamed, MS – May 7, 2011
  Major Professor: David R. Foster
  Thesis Title: Evaluation of a potential pharmacokinetic interaction between green tea and digoxin
  Post-graduation destination: PhD student, PHPR, Purdue University

• Tifini L. Preliou Williams, PhD – May 7, 2011
  Major Professor: Kimberly S. Plake
  Thesis Title: Effect of Body Image Satisfaction on Readiness to Change for Diet, Exercise,
and Medication Adherence in Patients with Type 2 Diabetes

- Post-graduation destination: Unknown, returned to TX and will look for employment