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
  - 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