2012 Annual Report: Graduate Degrees Awarded (August 2011 thru May 2012)

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

Industrial and Physical Pharmacy

- Zohreh Amoozgar, PhD - December 17, 2011
  - Major Professor: Yoon Yeo
  - Thesis Title: Bio-adhesive polymers for tumor targeted therapies and tissue repair
  - Post-graduation destination: Had to return to Iran for 10 months to fulfill an obligation; then may return to Purdue as a postdoc in IPPH
- Stacey Renee Berkshire - May 5, 2012
  - Major Professor: Stephen R. Byrn
  - Non-thesis MS
- Xin Chen, PhD - May 5, 2012
  - Major Professor: Stephen R. Byrn
  - Thesis Title: Studies of Amorphous Solid Dispersions
  - Post-graduation destination: Industry, Sr. Formulation Scientist, Mallinckrodt, Webster Groves, MO
- Bella Rachel Cohen, MS - December 17, 2011
  - Major Professor: Elizabeth M. Topp
  - Non-thesis MS
- Kenneth Allen Hicks, MS - August 5, 2011
  - Major Professor: Stephen R. Byrn
  - Non-thesis MS
- Basma Ibrahim, PhD – May 5, 2012
  - Major Professor: Yoon Yeo
  - Thesis Title: Inhalable macromolecule delivery for local treatment of pulmonary diseases
  - Post-graduation destination: Industry, Senior Scientist, Fresenius-Kabi North America, Lake Zurich, IL
- Lori Beth (nee Ward) Karpes, PhD - December 17, 2011
  - Major Professor: Greg T. Knipp
  - Post-graduation destination: Industry, BioGen, Boston, MA
- Jutarat Kitsongsermthon, PhD - December 17, 2011
  - Major Professor: Kinam Park
  - Thesis Title: The Development of Particle-Coated Stents and Balloons
  - Post-graduation destination: Education, Dept. of Pharmaceutics & Industrial Pharmacy, Faculty of Pharmaceutical Sciences, Chulalongkorn University, Bangkok, Thailand
  - Jennifer A. Luther, MS - May 5, 2012
    - Major Professor: Elizabeth M. Topp
    - Non-thesis MS
  - Stephanie Anne Mowery, PhD - August 5, 2011
    - Major Professor: Greg T. Knipp
    - Thesis Title: Characterization, Expression, and Functional Analysis of Proton-dependent Oligopeptide and Pharmaceutically Relevant Transporters
Post-graduation destination: Education, post-doc, University of Kansas, Lawrence, KS
- Randolph E. Oler, MS - May 5, 2012
  - Major Professor: Stephen R. Byrn
  - Non-thesis MS
- Andrew David Otte, PhD - August 5, 2011
  - Major Professor: Rodolfo Pinal
  - Thesis Title: From Milling to Particle Engineering: Formulations for Dry Powder Inhalers
  - Post-graduation destination: Education, postdoc with Rodolfo Pinal, Purdue University
- Li Fang Pan, PhD - August 5, 2011
  - Major Professor: Greg T. Knipp
  - Thesis Title: Delineating potential effects of Biphenol A on placental fatty acid homeostatis
  - Post-graduation destination: Vetter Development Services (a testing lab), Skokie, IL
- Sai Sumana Penumetcha, PhD - August 5, 2011
  - Major Professor: Stephen R. Byrn
  - Thesis Title: Assessing the Contribution of Secondary Relaxation Processes in Acrylate Polymers to Permeate Diffusion
  - Post-graduation destination: Education, postdoc with Stephen Byrn, Purdue University
- Alison A. Rotsch, MS - December 17, 2011
  - Major Professor: Stephen R. Byrn
  - Non-thesis MS
- Ziyang Su, PhD - December 17, 2011
  - Major Professor: Stephen R. Byrn
  - Post-graduation destination: Industry, Research Investigator I, Bristol-Myers Squibb, New Brunswick, NJ
- Michael J. Walters, MS - May 5, 2012
  - Major Professor: Stephen R. Byrn
  - Non-thesis MS

Medicinal Chemistry and Molecular Pharmacology
- Maris Angela Cinelli, PhD - August 5, 2011
  - Major Professor: Mark S. Cushman
  - Thesis Title: Design, Synthesis, and Biological Evaluation of Aromathecins, Indenoisoquinolines and Related Compounds as Topoisomerase I Inhibitors
  - Post-graduation destination: Education, postdoc for Mark Cushman, then Albert Bowers, Purdue University
- Alia Huang Clark, PhD - December 17, 2011
  - Major Professor: David E. Nichols
  - Thesis Title: Exploration of the Accessory Binding Region in the D1 Dopamine Receptor
  - Post-graduation destination: Job hunting, doing private tutoring in Taipei, Taiwan
- Matthew Danielson, PhD - August 5, 2011
  - Major Professor: Markus A. Lill
  - Thesis title: Protein Flexibility in Computer-Aided Drug Discovery Predicting Correlated-Loop Conformation and Drug Metabolism by CYP2C9
- Bei Fei, PhD - August 5, 2011
- Major Professor: Robert L. Geahlen
- Post-graduation destination: Job searching; moved to San Francisco, CA

○ Ryan Albert Grove, MS - August 5, 2011
- Thesis title: Phosphoregulation of yeast kinetochore interactions
- Post-graduation destination: Lab Technician, University of Nebraska, Lincoln, NE

○ Marcy Lynn Guerra, PhD - August 5, 2011
- Major Professor: Gregory H. Hockerman
- Thesis Title: Specific Coupling of L-type Voltage-Gated Calcium Channels to Signaling Events in Pancreatic β cells
- Post-graduation destination: Education, Postdoctoral Researcher II, UT Southwestern Med Center, Dallas, TX

○ He Huang, PhD - May 5, 2012
- Major Professor: Carol B. Post
- Thesis Title: Conformational Transition of the Catalytic Domain of Src Studied by Computational Approaches
- Post-graduation destination: TBD

○ Victoria Aileen Martin, PhD - December 17, 2011
- Major Professor: Robert L. Geahlen
- Thesis Title: Phosphorylation of Syk in the linker B region modulates downstream signaling to the transcription factor NFAT
- Post-graduation destination: Industry, Program Manager at Med Institute, West Lafayette, IN

○ Abdelrahman Mayhoub, PhD - May 5, 2012
- Major Professor: Mark S. Cushman
- Thesis Title: Design and Synthesis of Thiazoles and their Analogues as Antiflaviviral and Cancer Chemopreventive Agents
- Post-graduation destination: Education, postdoc at University of Michigan, Ann Arbor, MI

○ John D. McCorvy, PhD - May 5, 2012
- Major Professor: David E. Nichols
- Thesis Title: Mapping the Binding Site of the 5-HT2A Receptor Using Mutagenesis and Ligand Libraries: Insights into the Molecular Actions of Psychedelics
- Post-graduation destination: Currently interviewing for postdoc positions per DEN

○ Jonathan Schlebach, PhD - May 5, 2012
- Major Professor: Chiwook Park
- Thesis Title: Investigation of the Conformational Energetics of Bacteriorhodopsin
- Post-graduation destination: Education, postdoc, Dept. of Biochemistry, Vanderbilt University, Nashville, TN

○ Rachel E. Wright, MS - May 5, 2012
- Major Professor: Eric L. Barker
- Thesis Title: Differential Update of Dehydroergosterol as a Marker for Niemann-Pick Type C: Assay Development and Potential for Small Molecular Screening
- Post-graduation destination: TBA

Pharmacy Practice

○ Aleda Hess Chen, PhD - August 5, 2011
- Major Professor: Kimberly S. Plake
- Thesis Title: Health Literacy and Self-Care of Patients with Health Failure: A Longitudinal Study
- Post-graduation destination: Education, Asst. Professor of Pharmacy Practice, Cedarville U, Cedarville, OH

○ Nicholas E. Hagemeier, PhD - August 5, 2011
- Major Professors: Matthew M. Murawski and Holly L. Mason
- Thesis Title: Pharmacy Professors’ Motivational Beliefs and Perceptions Regarding Pursuance of Postgraduate Training
- Post-graduation destination: Education, Asst. Professor of Pharmacy Practice, East TN State U, Johnson City, TN

- Matthew Allen Hoch, MS - December 17, 2011
  - Major Professor: Karen Hudmon
  - Thesis Title: The Pharmacist’s Role in Mental Health
  - Post-graduation destination: PHPR department at IUPUI

- Mary E. Kiersma, PhD - August 5, 2011
  - Major Professor: Kimberly S. Plake
  - Thesis Title: Assessment of Feedback Factors Affecting Pharmacy Student Patient Counseling Self-Efficacy
  - Post-graduation destination: Education, Director of Assessment, Manchester School of Pharmacy, Ft. Wayne, IN

- Noha A. Mourad, MS - May 5, 2012
  - Major Professor: James E. Tisdale
  - Thesis Title: A Clinical Decision Support System for the Reduction of the Risk of Drug-Induced QT Interval Prolongation in Hospitalized Patients
  - Post-graduation destination: PhD student, PHPR

- Marwa, MS - December 17, 2011
  - Major Professor: Kimberly S. Plake
  - Thesis title: Pharmacy Students’ Attitudes Towards Complementary and Alternative Medicine
  - Post-graduation destination: PhD student, PHPR, Purdue University