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

**Industrial and Physical Pharmacy**

- **Stephen M. Carl, PhD**
  - Major Professor: Gregory T. Knipp
  - Thesis Title: Aspects of the Molecular and Functional Characterization of Peptide/Histidine Transporters 1 and 2
  - Post-graduation destination: Industry, Research Scientist I, Unigene Laboratories Inc., Fairfield, NJ
- **Robert K. Dillman, MS**
  - Major Professor: Stephen R. Byrn
  - Non-thesis option
- **Pete Patrick Guerrieri, PhD**
  - Major Professor: Lynne S. Taylor
  - Thesis Title: Investigation of the Fundamental Basis of Hygroscopicity in Pharmaceutical Salts and the Consequent Impact on Physical and Chemical Stability
  - Post-graduation destination: Industry, Astra-Zeneca, Wilmington, DE
- **Kelly Kaleck-Schlinsog, MS**
  - Major Professor: Stephen R. Byrn
  - Non-thesis option
- **Young-Seung Kim, PhD**
  - Co-Major Professors: Kinam Park and Shuang Liu
  - Thesis Title: Synthesis and Characterization of New Tc-99m Complexes as Radiopharmaceuticals for Heart Imaging
- **Kevin A. Macias, PhD**
  - Major Professor: M. Teresa Carvajal
  - Thesis Title: Toward engineering granules to facilitate the compaction phase of tablet manufacture: Investigations of granular mechanical properties and establishment of spectroscopic monitoring techniques
  - Post-graduation destination: Industry, Research Investigator, Bristol Myers Squibb, New Brunswick, NJ
- **Stephanie M. Noe, PhD**
  - Major Professor: Stanley L. Hem
  - Thesis Title: Mechanisms of Aluminum-containing vaccine adjuvants; implications of the relationship between the movement of antigen in vivo and immunopotentiation
  - Post-graduation destination: Industry, Formulator, UPM Pharmaceuticals, Baltimore, MD
- **Xiaohong Sheng PhD**
  - Major Professors: Kenneth R. Morris and Rodolfo Pinal
  - Thesis Title: Drug Dissolution from Pregelatinized Corn Starch
  - Post-graduation destination: Industry, Analytical Chemist, Ricerca Biosciences, Painesville, OH

**Medicinal Chemistry and Molecular Pharmacology**
• Susan Fox Hiatt, PhD
  o Major Professor: Chang-deng Hu
  o Thesis Title: Understanding AP-1 dimerization in vivo: Genetic and BiFC analysis of C. elegans FOS-1 and JUN-1 in regulation of ovulation
  o Post-graduation destination: Industry, Ref Seq Curator, Computercraft Corp., McLean, VA

• Bridget Dawn Dolash Hines, PhD
  o Major Professor: Donald E. Bergstrom
  o Thesis Title: Sonication-Mediated Association of DNA with Single-walled Carbon Nanotubes: Characterization and Potential Biological Applications
  o Post-graduation destination: West Virginia University, postdoctoral fellow

• Juma Hoshino, MS
  o Major Professor: Mark S. Cushman
  o Thesis Title: Design and synthesis of resveratrol analogs and metabolite as chemopreventive agents
  o Post-graduation destination: Industry, Regulatory Affairs Specialist, Techlink, Mahwah, NJ

• Sara Melissa Jacobo, PhD
  o Major Professor: Gregory H. Hockerman
  o Thesis Title: Dichotomy of Cav 1.2 and Cav 1.3 Function and Modulation in GLP-1R-Mediated Insulin Exocytosis and ERK1/2 Activation
  o Post-graduation destination: Research Fellow, Mass. General Hospital/Harvard Medical School, Boston MA

• Amanda J. Krzysiak, PhD
  o Major Professor: Richard A. Gibbs
  o Thesis Title: Identification of FTI target proteins through RNA interference
  o Post-graduation destination: Postdoc, Brigham and Williams Hospital/Harvard Medical School, Boston, MA

• Heather B. White Leavesley, PhD
  o Major Professor: Gary E. Isom
  o Thesis Title: The role of nitric oxide in the cyanide-mediated inhibition of cytochrome oxidase

• Sean Oriana, MS
  o Major Professor: Ross V. Weatherman
  o Thesis Title: Synthesis and characterization of estradiol analog conjugates
  o Post-graduation destination: Technician at Rose-Hulman, Terre Haute, IN, while job searching

• Ekaterina Terebova Placzek, PhD
  o Major Professor: Eric L. Barker
  o Thesis Title: Toward a Molecular and Bioanalytical Understanding of Endogenous Cannabinoid Recycling and Biosynthesis
  o Post-graduation destination: postdoc, MCM, lab of Dr. Laurie Parker; then to postdoc, OR Health Sciences Univ.

• Emily Lynn Rickert, PhD
  o Major Professor: Ross V. Weatherman
  o Thesis Title: Synthesis and Biological Characterization of Anti-Estrogen Conjugates
  o Post-graduation destination: Education, postdoctoral fellow UC San Diego Dept. of Reproductive Medicine

• Jae Eun Suk, PhD
  o Major Professor: Carol B. Post
  o Thesis Title: Structural and dynamic studies of viral capsid proteins
  o Post-graduation destination: Education, postdoc, Dept. of Biochemistry and Molecular Biology, USC, Los Angeles, CA

• Melissa I. Torres-Altoro, PhD
  o Major Professor: Eric L. Barker
  o Thesis Title: Exploring the Entrance to the Human Serotonin Transporter Permeation Pathway
• Post-graduation destination: Education, postdoc, UT Southwestern, Dallas, TX
  • Kristy Jean Wilson, PhD
    • Major Professor: David J. Riese II
    • Thesis Title: EGF Family Hormones Stimulate Distinct Biological Responses: Implications for Tumorigenesis and Cancer Treatment
    • Post-graduation destination: Education, postdoc, Emory University, Atlanta, GA
• Marla Leigh Yates, PhD
  • Major Professor: Eric L. Barker
  • Thesis Title: Toward Identification of the Anandamide Transporter: A Proteomics-based Approach
  • Post-graduation destination: postdoc, MCMP, lab of Dr. Chris Rochet
• Lu Zhang, PhD
  • Major Professor: Gary E. Isom
  • Thesis Title: The Role of BNIP3 in Cyanide-Induced Neurotoxicity
  • Post-graduation destination: postdoc, MCMP, Purdue University
• Xun Zhang, PhD
  • Major Professor: Gary E. Isom
  • Thesis Title: Mechanisms of cyanide neurotoxicity: A role for mitochondrial Uncoupling Protein 2
  • Post-graduation destination: Postdoc, Center for Cell Death, Injury and Regeneration, Medical U. of SC, Charleston, SC

Pharmacy Practice

• Nalin Payakachat, PhD
  • Major Professor: Kent H. Summers
  • Thesis Title: Predicting utility values in low vision: An estimation from NEI-VFQ 25;
  • Post-graduation destination: Academia, Assistant Professor, U. of Arkansas, Little Rock, AR
• Brenda M. Walters, MS
  • Major Professor: Kimberly S. Plake
  • Thesis Title: Prevalence of and Factors Affecting Errors of medication Omission at Hospital Discharge
• Shu Zhang, MS
  • Major Professors: David R. Foster and Kevin M. Sowinski
  • Thesis Title: Effects of green tea extract and epigallocatechin-3-gallate (EGCG) on xenobiotic transporters and metabolizing enzyme gene expression profiles in Caco-2 cells