2014 Annual Report: Graduate Degrees Awarded (August 2013 - May 2014)

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

**Industrial and Physical Pharmacy**

- **Kevin M. Boksa, PhD - May 10, 2014**
  - Major Professor: Rodolfo Pinal
  - Post-graduation destination: Industry, Technical Services Scientist at Cook Pharmica

- **Laurel E. Branstrator, MS - December 14, 2013**
  - Co-Major Professors: Rodolfo Pinal and Stephen R. Byrn
  - Non-thesis RQC MS

- **Emily R. Branstrator, MS - May 10, 2014**
  - Major Professor: Stephen R. Byrn
  - Non-thesis RQC MS

- **Holly A. Korteway, MS - May 10, 2014**
  - Major Professor: Stephen R. Byrn
  - Non-thesis RQC MS

- **Karen L. Lorenzen, MS - August 2, 2013**
  - Major Professor: Stephen R. Byrn
  - Non-thesis RQC MS

- **Ying Lu, PhD - August 2, 2013**
  - Major Professor: Kinam Park
  - Thesis Title: Development of particulate-based formulations for controlled delivery of drug compounds
  - Post-graduation destination: Industry, Business Consultant, Bayer Business Services, Morristown, NJ

- **Ivelisse Lugo, MS - May 10, 2014**
  - Co-Major Professors: Stephen R. Byrn and Michael J. Schmidt
  - Non-thesis RQC MS

- **Ryan J. McCann, PhD - May 10, 2014**
  - Major Professor: Rodolfo Pinal
  - Thesis Title: Investigating the Density Distribution of Roller Compacted Ribbons
  - Post-graduation destination: Industry, Senior Process Engineer, Bristol-Myers Squibb, Mt. Vernon, IN

- **Jamie M. McClellan, MS - May 10, 2014**
  - Co-Major Professors: Stephen R. Byrn and Michael J. Schmidt
  - Non-thesis RQC MS

- **Kareena D. Parris, MS - May 10, 2014**
  - Major Professor: Stephen R. Byrn
  - Non-thesis RQC MS

- **Shweta Raina, PhD - May 10, 2014**
  - Major Professor: Lynne S. Taylor
  - Thesis Title: Phase Behavior of Supersaturation Solutions of Poorly Soluble Small Molecules
Post-graduation destination: Industry, Senior Scientist at AbbVie, Inc., North Chicago, IL

- Monica Marie Reyes, MS - August 2, 2013
  - Co-Major Professors: Rodolfo Pinal and Michael J. Schmidt
  - Non-thesis RQC MS

- Aubrey Anne Shelton, MS - August 2, 2013
  - Major Professor: Stephen R. Byrn
  - Non-thesis RQC MS

- Crystal Soo Jung Shin, PhD - May 10, 2014
  - Major Professor: Kinam Park
  - Thesis Title: Development of in vitro three-dimensional tumor models

- Lindsay Anne Wegiel, PhD - August 2, 2013
  - Co-Major Professors: Lynne S. Taylor and Lisa Mauer
  - Thesis Title: Study of Amorphous Solid Dispersions: Impact of Intermolecular Drug-Polymer Interactions
  - Post-graduation destination: Industry, Research Associate III at Baxter Pharmaceutical Solutions, Martinsville, IN

- Dienye Williams, MS - August 2, 2013
  - Co-Major Professors: Stephen R. Byrn and Michael J. Schmidt
  - Non-thesis RQC MS

- Yan Zhang, PhD - August 2, 2013
  - Co-Major Professors: Rodolfo Pinal and Teresa Carvajal
  - Thesis Title: Kinetic driven effect of phase transformation of mechanically activated powders
  - Post-graduation destination: Industry, Research Scientist for PPD (works at BMS as a contract employee)

Medicinal Chemistry and Molecular Pharmacology

- Visarut Buradasudja, MS - August 2, 2013
  - Major Professor: Tony Hazbun
  - Thesis Title: Interaction between centromeric Histone H3 variant and Shugoshin
  - Post-graduation destination: Education, instructor at Chulalongkorn University in Thailand

- Jason M. Conley, PhD - December 14, 2013
  - Major Professor: Val J. Watts
  - Thesis Title: Novel Modulation of Adenylyl Cyclase Type 2
  - Post-graduation destination: Education, Postdoctoral at Purdue University

- Bingjie Hu, PhD - August 2, 2013
  - Major Professor: Markus A. Lill
  - Thesis Title: Development of computational methods for modeling of solvation effects and protein flexibility in protein-ligand docking
  - Post-graduation destination: Education, Postdoctoral in Biological Sciences at Purdue University

- Rachel Elisabeth Jarrard, PhD - August 2, 2013
  - Major Professor: Gregory H. Hockerman
  - Thesis Title: Investigating the role of L-type voltage-gated Ca2+ channels in electrical events in pancreatic β cells
  - Post-graduation destination: Education, Postdoctoral at Wayne State University, Detroit, MI

- Eric D. Jones, MS - December 14, 2013
  - Major Professor: Richard A. Borch
  - Thesis Title: The Design and Synthesis of Peptidomemetic Serine Based Produgs as 14-3-3 Inhibition

- Joseph R. Kasper, PhD - May 10, 2014
  - Major Professor: Chiwook Park
- Thesis Title: Transient Partial Unfolding in Escherichia Coli Dihydrofolate Reductase Investigated by Native State Proteolysis
  - Post-graduation destination: Education, Internship, Purdue Research Foundation
- Sudip Khadka, PhD - May 10, 2014
  - Major Professor: Douglas J. LaCount
  - Thesis Title: Host factors in dengue virus infection: identification, characterization and their potential as therapeutic targets
- Qianwei Ren Knauf, MS - May 10, 2014
  - Major Professor: Richard A. Gibbs
  - Non-thesis RQC MS
  - Post-graduation destination: Industry, analytical chemist for Sigma-Aldrich, Madison, WI
- Andrew M. Lipchik, PhD - December 14, 2013
  - Major Professor: Laurie L. Parker
  - Thesis Title: Development of Tyrosin Kinase Peptide Biosensors and Methods for Detection
  - Post-graduation destination: Education, Postdoctoral at Stanford University, Stanford, CA
- Christine A. Marian, PhD - August 2, 2013
  - Major Professor: Richard A. Borch
  - Thesis Title: Design, Synthesis, and Biological Evaluation of Src Family SH2 Domain Inhibitors Bearing a Stereodiversified cis-Enediol Scaffold
  - Post-graduation destination: Education, Postdoctoral in laboratory of Emily Dykhuizen at Purdue University
- Anthony Mark Pedley, PhD - August 2, 2013
  - Major Professor: V. Jo Davison
  - Thesis Title: Evaluation of Proliferating Cell Nuclear Antigen as a Therapeutic Target in DNA Repair
  - Post-graduation destination: Education, Postdoctoral in Chemistry at Penn State University
- Liza Shrestha, PhD - December 14, 2013
  - Major Professor: Richard A. Gibbs
  - Thesis Title: Investigating the structural criteria for Icmt inhibition through the development of AFC and FTA-triazole based inhibitors
  - Post-graduation destination: Education, Postdoctoral at Sloan Kettering Institute, New York, NY
- Kayla J. Temple, PhD - December 14, 2013
  - Major Professor: Richard A. Gibbs
  - Thesis Title: Synthesis of Novel Isoprenoid Diphosphate Analogs as Chemical Tools to Investigate Protein Geranylgeranylation
  - Post-graduation destination: Education, Postdoctoral at Vanderbilt University in Nashville, TN
- Fiona Melissa Thomas, PhD - August 2, 2013
  - Major Professor: V. Jo Davisson
  - Thesis Title: Development and Application of Yeast Screening Platform to Investigate Heat Shock Networks
  - Post-graduation destination: Industry, Applications Scientist, Beckman Coulter, Indianapolis, IN
- Chia-Jui (Rae) Tsai, PhD - August 2, 2013
  - Major Professor: Tony Hazbun
  - Thesis Title: HSP31 is a Stress-Response Chaperone that Prevents A-Synuclein Aggregation
- James R. Woods, PhD - May 10, 2014
  - Major Professor: David A. Colby
  - Thesis Title: Fluorinated Amino Prodrugs of Natural Products Containing Enon Functionality and the Development of a Novel Imino-aldol Reaction using Difluorenolates
  - Post-graduation destination: Education, Postdoctoral at Rice University, Houston, TX
Shuai (Edison) Yu, PhD - August 2, 2013
- Major Professor: Robert L. Geahlen
- Thesis Title: Syk Inhibits the Activity of Protein Kinase A by Phosphorylating Tyrosine 330 of the Catalytic Subunit
- Post-graduation destination: Industry, Business Analyst II at WellPoint, Chicago, Illinois

Pharmacy Practice

Neeraj N. Iyer, PhD - December 14, 2013
- Major Professor: Joseph Thomas III
- Thesis Title: Health Care Resources Utilization and Expenditures in Persons with Autosomal Dominant Polycystic Kidney Disease
- Post-graduation destination: Industry, Manager of Health Economics and Outcomes Research, Novo Nordisk, Inc. in Princeton, NJ

Engels N. Obi, PhD - December 14, 2013
- Major Professor: Joseph Thomas III
- Thesis Title: Patients’ Perceptions of Provider Communication, Provider Knowledge and Provider Competence and Associations with Potentially Inappropriate Medication Use among Medicare Part D Beneficiaries
- Post-graduation destination: Industry, Health Economics & Outcomes Research Fellow at Novartis, New York

Lori M. Ward, PhD - December 14, 2013
- Major Professor: Joseph Thomas III
- Thesis Title: Patients Perceptions of Physicians and Medication Adherence Among Medicare Part D Beneficiaries
- Post-graduation destination: Education, Assistant Professor, University of Mississippi, Oxford, MS