Indiana University Health and Butler University College of Pharmacy and Health Sciences

Indiana University Health and Butler University College of Pharmacy and Health Sciences offer a one-year ASHP accredited PGY2 Residency in Internal Medicine. The residency is designed to provide both clinical education and advanced training in the fundamentals of Internal Medicine. The resident will gain the clinical skills and knowledge in pharmacotherapy, pharmacokinetics, and the pathophysiology of the core Internal Medicine disease states. The resident will have opportunities for both didactic and clinical teaching of Doctor of Pharmacy students from Butler University.

Throughout the course of residency training, the resident’s experiences will include, but are not limited to, the following activities:

- Provision of pharmaceutical care to hospitalized patients via participation in daily inpatient rounds on the Internal Medicine service and elective rotation services.
- Participation in physician, pharmacist, nursing, and patient education.
- Development and completion of a clinical research project.
- Co-authorship of a manuscript for publication in a peer-reviewed journal.
- Provision of mentorship and service as co-preceptor to Doctor of Pharmacy students from Butler University in the setting of Internal Medicine.
- Participation in classroom instruction (both didactic and case-based interactive discussion) of Doctor of Pharmacy students at Butler University.

PROGRAM GOAL
The purpose of this training program is to prepare role model practitioner-educators for entry into clinical pharmacy specialist or faculty positions. This is accomplished by:

- Practicing in multidisciplinary patient care settings in internal medicine and related subspecialties.
- Enhancing verbal and written communication skills through clinical practice activities, didactic teaching, seminar presentations, and publication.
- Receiving formal instruction and mentoring in didactic and experiential teaching methods.
- Assisting in precepting Doctor of Pharmacy students in clinical clerkships.

RESIDENCY ACTIVITIES
During required rotations, residents spend an appropriate amount of time under direct preceptor supervision and the remainder of time practicing on their own service. The residency director and co-directors meet regularly with the resident to provide clinical expertise, feedback, advice, and to guide student precepting activities.

The Internal Medicine resident is appointed to the Butler University College of Pharmacy faculty and will be responsible for leading small group case discussions in a pharmacotherapeutics course. The resident is also responsible for delivering 1-3 didactic lectures to PharmD students in one of the pharmacotherapeutics courses at Butler, presenting a pharmacy grand-rounds seminar, and completing a residency research project. The resident will work with one of the primary preceptors and serve as a co-author on a manuscript for publication. Extensive library services, computer resources, audiovisual support, travel funds, and full benefits are provided. Attendance at local, regional, and national professional meetings is encouraged.
Residents participate in 6 months of rotations in Adult Internal Medicine in both rounding and unit-based practice models. Several of the Internal Medicine rotations may be sub-specialized by doing rotations on a Pulmonary Medicine unit, Renal/Metabolic unit, Neurology unit, or Progressive Care unit. The Internal Medicine resident also longitudinally practices in a Post-discharge Transitional Care Clinic. Elective rotations are selected by the resident based on their areas of interest and prior experience. Elective rotation opportunities include, but are not limited to:

- Cardiology or Cardiovascular ICU
- Infectious Diseases
- Adult Critical Care
- Cardiovascular Surgery
- Emergency Medicine
- Solid Organ Transplant
- Hematology/Oncology
- Psychiatry
- Trauma
- Ambulatory Care
- Other rotations available in the Indianapolis area may be explored at the resident’s request

PRACTICE SITE DESCRIPTIONS
Indiana University Health is made up of three different hospitals: Indiana University Hospital, Methodist Hospital, and the Riley Hospital for Children. Committed to excellence in patient care, education and research, Indiana University hospitals are considered by many to be the premier health care facilities in Indiana and the Midwest. The practice sites for the Internal Medicine residency include:

Methodist Hospital
A 750-bed private, Level 1 trauma, Comprehensive Stroke, and primary PCI institution located in downtown Indianapolis, rated as one of the top 1% of hospitals in the U.S.

Indiana University Hospital
A 375-bed university teaching hospital widely recognized for its clinical excellence and research developments.

ACCREDITATION
Indiana University Health strives for excellence in residency training and currently offers 8 ASHP accredited residency programs in the areas of Pharmacy Practice, Infectious Diseases, Internal Medicine, Hematology/Oncology, Trauma, Critical Care, Pediatrics, and Informatics. The Internal Medicine residency was granted full 6-year accreditation status in August of 2011.

BENEFITS
A competitive salary is offered. Other benefits include the following: medical coverage, pharmacy benefits, dental coverage, vision coverage, life insurance, and 16 days of vacation.
QUALIFICATIONS
The qualified applicant must possess a Doctor of Pharmacy Degree from an accredited College of Pharmacy and must be eligible for Indiana licensure. Completion of a prior Pharmacy Practice Residency (or 3-5 years of equivalent experience) is required.

A complete application through PHORCAS should include a current curriculum vitae and cover letter expressing the applicant’s interest. Three letters of recommendation and a copy of college of pharmacy transcripts should be submitted. The deadline for application is January 6th, 2014.

Additional application materials can be mailed or preferably e-mailed to the address below:

Alexander J. Ansara, PharmD, BCPS
Methodist Hospital, Indiana University Health
1701 North Senate Blvd. AG 401
Indianapolis, Indiana 46202
Office: (317) 962-3701
Fax: (317) 962-5274
E-mail: aansara@iuhealth.org

Program Director and Internal Medicine Preceptors

Alexander J. Ansara, Pharm.D., BCPS
Bachelor of Science degrees in Biology and Pharmacy from the University of Cincinnati. Post-BS Pharm.D. also from the University of Cincinnati College of Pharmacy. ASHP accredited Internal Medicine Specialty Residency with the St. Louis College of Pharmacy at St. Luke’s Hospital. Currently an Associate Professor of Pharmacy Practice at the Butler University College of Pharmacy and Health Sciences and a Clinical Pharmacy Specialist in Advanced Heart Care at Methodist Hospital. Dr. Ansara was recently awarded the 2010 Professor of the Year award and lectures in the areas of Cardiovascular, Cerebrovascular, and Infectious Diseases. His clinical research interests are in the areas of cardiovascular diseases and ischemic stroke. Dr. Ansara is in his 11th year in with Indiana Health and Butler University and currently practices in Cardiology on the Advanced Heart Care unit.

Julie L. Williams, Pharm.D., BCPS
Doctor of Pharmacy from Purdue University and residency training in Pharmacy Practice and Critical Care at the University of Kentucky Chandler Medical Center. Current position is Clinical Manager at Methodist Hospital. Active in the University Health System Consortium Pharmacy Council and currently serving as the chair of the Practice Advancement Committee. Dr. Williams developed and coordinated the pharmacy-driven medication reconciliation program at Indiana University Health and recently integrated clinically pharmacy services into a Transitional Care Clinic. Her interests include practice model innovation, coordination of patient care transitions, and collaborative drug therapy management. She is a member of the Section Advisory Group on the Pharmacy Practice Model Initiative in ASHP’s section of Pharmacy Practice Managers. Dr. Williams is in her 16th year with Indiana Health.

Kevin M. Tuohy, Pharm.D., BCPS
Bachelor of Science degree and Post-BS Pharm.D. from Rutgers, The State University of New Jersey, College of Pharmacy. Pharmacy Practice Residency with Indiana Health in Indianapolis. Family Medicine Specialty Residency, Indiana University and the Methodist Department of Family Medicine in conjunction with Butler University College of Pharmacy. Currently an Associate Professor of Pharmacy Practice at the Butler University College of Pharmacy and Clinical Pharmacy Specialist in Internal Medicine at Methodist Hospital. Dr. Tuohy lectures in the areas of Endocrinology, Infectious Diseases, Neurology, Geriatric Medicine, and Substance Abuse, with research in the areas of pharmacy education and chronic disease states. He has won numerous...
teaching awards and is in his 14th year with Butler University and Methodist Hospital where he currently practices on the Internal Medicine/Neurology unit.

**Sarah A. Nisly, Pharm.D., BCPS**
Doctor of Pharmacy degree from the University of Kansas School of Pharmacy. Pharmacy Practice Residency at the Greenville Hospital System University Medical Center, Greenville, SC. Internal Medicine Specialty Residency, University of Tennessee Medical Center, Knoxville, TN. Currently an Assistant Professor of Pharmacy Practice at the Butler University College of Pharmacy and Clinical Pharmacy Specialist in Internal Medicine at Methodist Hospital. Dr. Nisly is the Pharmacotherapy Residency Program Director and lectures in the areas of Auto-immune, Cardio-vascular, and Gastrointestinal disorders, with research interests in the area of Senior Community Education. Dr. Nisly recently won the 2011 Pharmacy Practice Professor of the Year award in her 8th year at Butler University and Methodist Hospital where she practices Internal Medicine on the Progressive Care Unit.

**Kellie Knight, Pharm.D., BCPS**
Doctor of Pharmacy degree from Butler University College of Pharmacy and Health Sciences. Pharmacy Practice Residency with Indiana Health in Indianapolis, IN, then PGY2 Pharmacotherapy Specialty Residency, Midwestern University, Downers Grove, IL. She has research interests in the areas of areas of pain management and transitions in care. Dr. Knight is in her 6th year as a Clinical Pharmacy Specialist at Methodist Hospital where she practices in Internal Medicine.

**Dane Shiltz, Pharm.D., BCPS**
Doctor of Pharmacy degree from The University of Iowa College of Pharmacy 2007. Pharmacy Practice Residency at the Clement J. Zablocki VA Medical Center in Milwaukee, WI. PGY-2 Internal Medicine Specialty Residency at IU Health. Dr. Shiltz is in his 6th year as an Assistant Professor of Pharmacy Practice at Butler University College of Pharmacy & Clinical Pharmacy Specialist on the Pulmonary and Internal Medicine unit at Methodist Hospital. He lectures in the areas of Nephrology, Migraines, Liver Disease, Pain Management, and Pharmacokinetics with research interests in the areas of anticoagulant monitoring and antiplatelet agents.

**Sara Hart, Pharm.D., BCPS**
Doctor of Pharmacy degree from Purdue University College of Pharmacy in 2007. Pharmacy Practice Residency and Internal Medicine Specialty Residency with Houston Methodist Hospital in Houston, TX. Clinical Pharmacy Specialist in Internal Medicine for 4 years at Houston Methodist Hospital. Current position is as a Clinical Pharmacy Specialist in Internal Medicine at Methodist Hospital on the Renal/Metabolic Internal Medicine unit. Dr. Hart joined the Methodist Hospital clinical pharmacy team in August 2013. Her clinical research interests are in the areas of heparin-induced thrombocytopenia and diabetes.

**Lauren Czosnowski, Pharm.D., BCPS**
Bachelor of Science degree in Pharmaceutical Sciences and Pharm.D. degree from Purdue University. Pharmacy practice residency and PGY2 Internal Medicine specialty residency at Methodist University Hospital/University of Tennessee, Memphis, TN. Currently an Assistant Professor of Pharmacy Practice at the Butler University College of Pharmacy and Clinical Pharmacy Specialist in Cardiovascular and Internal Medicine at Methodist Hospital. Dr. Czosnowski spent five years as an Assistant Professor at the Philadelphia College of Pharmacy before joining Butler University and Indiana Health in July 2013. Her clinical practice interests include nephrology, cardiology, and women’s health.
Graduates of the IU Health/Butler University PGY2 IM Residency Program

**Sally Arif, PharmD, BCPS, AQ-Cardiology (2006-2007)**
Doctor of Pharmacy degree from the University of Kansas, School of Pharmacy. Pharmacy Practice residency at Inova Health System, outside Washington, D.C.. In 2007, Dr. Arif joined the faculty of the Arnold & Marie Schwartz College of Pharmacy and Health Sciences as a Clinical Pharmacy Specialist in Internal Medicine at the James J. Peters VA Medical Center in Bronx, NY. In 2010, Dr. Arif took a tenure-track Assistant Professor of Pharmacy Practice position at Midwestern University, Chicago College of Pharmacy where she Course Directs and lectures in the Pharmacotherapeutics Sequence and Advanced Cardiology elective. Dr. Arif also precepts IPPE, APPE and PGY1 residents as a Cardiology Clinical Specialist at RUSH University Medical Center and received the Teacher of the Year award in 2012. Her strong research interests and publications are in cardiovascular disease management and global pharmacy education and outreach.

**Sarah Nordmeyer, PharmD, BCPS (2007-2008)**
Doctor of Pharmacy degree from Butler University College of Pharmacy and Health Sciences. PGY1 Pharmacy Residency at The University of Tennessee Medical Center, Knoxville, TN. Currently a Pharmacist Specialist in Internal Medicine at the University of Tennessee Medical Center and an Assistant Professor at the University of Tennessee Health Science Center College of Pharmacy. Dr. Nordmeyer is the PGY2 Internal Medicine Residency Program Director at the University of Tennessee Medical Center also teaches in the Applied Therapeutics Course. Dr. Nordmeyer has a variety of research interests including pain management, diabetes and infectious diseases and is in her 5th year at the University of Tennessee.

**Dane Shiltz, PharmD, BCPS (2008-2009)**
Doctor of Pharmacy degree from The University of Iowa College of Pharmacy 2007. Pharmacy Practice Residency at the Clement J. Zablocki VA Medical Center in Milwaukee, WI. PGY-2 Internal Medicine Specialty Residency at IU Health. Dr. Shiltz is in his 5th year as an Assistant Professor of Pharmacy Practice at Butler University College of Pharmacy & Clinical Pharmacy Specialist on the Pulmonary and Internal Medicine unit at Methodist Hospital. He lectures in the areas of Nephrology, Migraines, Liver Disease, Pain Management, and Pharmacokinetics with research interests in the areas of anticoagulant monitoring and antiplatelet agents.

**Michael Holowatyj, PharmD, BCPS (2009-2010)**
Doctor of Pharmacy degree from Purdue University and Pharmacy Practice Residency at IU Health in Indianapolis. Currently serving as Lead Clinical Pharmacy Specialist in Emergency Medicine at the University of Colorado Health in Colorado Springs, Colorado. Dr. Holowatyj established the emergency department service line for pharmacy in 2012 and has now expanded the position to include four clinical pharmacists.

**Jennifer Slavens, PharmD, BCPS (2010-2011)**
Doctor of Pharmacy degree from Purdue University College of Pharmacy and Pharmacy Practice Residency at IU Health in Indianapolis, IN. Dr. Slavens worked for 2 years at The Ohio State University Wexner Medical Center before returning to the Indiana University Health system in early 2013. Currently she works at Indiana University Health Arnett in Lafayette, IN. Current interests are orthopedics, pain management, and liver disease.
Tamara Knight, PharmD, BCPS (2011-2012)
Doctor of Pharmacy degree from the University of Texas College of Pharmacy. Pharmacy Practice Residency at Seton Healthcare Family/University of Texas College of Pharmacy, Austin, TX. Currently a Clinical Pharmacy Specialist in Internal Medicine at Seton Northwest Hospital, Seton Healthcare Family, Austin, TX.

Kyle Davis, PharmD, BCPS (2012-2013)
Doctor of Pharmacy degree from the University Of Florida School Of Pharmacy. Pharmacy practice residency at Jackson Memorial Hospital, Miami, FL. Currently, a Clinical Pharmacy Specialist in internal medicine at Jackson Memorial Hospital in Miami, FL. His areas of interest include anticoagulation, cardiometabolic disorders, and transitions of care.

Caitlin Gibson, PharmD, BCPS (2013-2014)
Doctor of Pharmacy degree from the University Of Texas College Of Pharmacy. Pharmacy practice residency at the Dallas VA Medical Center, Dallas, TX. Currently, an Assistant Professor of Pharmacy at the University of North Texas College of Pharmacy and a Clinical Pharmacy Specialist in internal medicine at the Medical Center of Arlington. Her areas of interest include liver disease, cardiovascular disease, and educational research.