Izna Ali, PharmD

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EDUCATION

Doctor of Philosophy, Pharmaceutical Sciences — August 2014-Present
Division of Pharmacotherapy and Experimental Therapeutics (DPET)
University of North Carolina Eshelman School of Pharmacy — Chapel Hill, NC

Doctor of Pharmacy — May 2014
Magna Cum Laude
Chicago College of Pharmacy, Midwestern University — Downers Grove, IL

Pre-pharmacy — 2008-2010
Benedictine University — Lisle, IL

LICENSURES/CERTIFICATIONS

2012	Cardiopulmonary Resuscitation/ BLS
2012	APhA Pharmacy-Based Immunization Delivery
2012	Alzheimer's Association Community Representative
2010 – Present	HIPAA Certified Midwestern University
2009 – March 2015	Student Pharmacist, Illinois State Board of Pharmacy

PROFESSIONAL EXPERIENCE

Student Pharmacist — **February 2010-Present**
Target Pharmacy — **Naperville, IL**
Supervisor: Dr. Brian Moran, Pharm.D, Pharmacy Manager

- Receive new prescriptions via phone and interpret prescription orders from prescribers under the supervision of the pharmacist.
- Process insurance claims and resolve issues
- Dispense medications and provide customer service
- Counsel patients on proper prescription and over the counter medication use with the pharmacist's supervision

Clinical Pharmacology Summer Intern — **Summer 2012**
Takeda Pharmaceuticals — **Deerfield, IL**
Supervisor: Dr. Ronald Lee, PhD, Associate Director

- Participated on project teams to provide guidance in the planning, management, and execution of clinical pharmacology studies for clinical trials
- Collaborated with pharmacometrics, analytical science, clinical science, non-clinical science and CMC functions on pharmacokinetic related information
- Verified clinical pharmacology data for accuracy on draft application prior to regulatory submission
- Provided reviews of clinical pharmacokinetics within documents such as synopsis, protocols, investigator brochures, clinical study reports and investigational medicinal product dossier to ensure the scientific integrity and quality
- Drafted the study synopsis for a food-effect study and the clinical pharmacology summary of a bioavailability trial
- Proposed clinical trial design for drug-drug interaction study based on known genetic polymorphisms of statins
- Investigated likely substrates that can be used to predict UGT mediated drug interactions
- Conducted literature analysis and designed a presentation about genetic polymorphisms of drug transporters and glucuronidation to the Exploratory and Translational Development Department

Student Tutor **Sept. 2011-March 2012**
Midwestern University **Downers Grove, IL**

- Evaluated skill areas that required additional assistance and conducted individualized tutoring sessions for students with academic deficiencies
- Designed and implemented exercises and activities to facilitate student's academic improvement

Economics Teaching Assistant **August 2009-May 2010**
Benedictine University **Lisle, IL**

- Explained economic concepts to students
- Conducted individualized one-on-one tutoring sessions
- Assisted professor with class organization tasks

RESEARCH EXPERIENCE

Student Researcher **March 2013-May 2013**
Midwestern University
Advisor: Dr. Annette Gilchrist, Ph.D.

- Assisted with preparing several manuscripts for publication
- Converted EndNote libraries to online form to streamline references
- Compared different peer reviewed journals to pick the most appropriate one for the manuscript
- Drafted methods and background information for review using previous manuscripts and grants provided by the PI

Student Researcher **September 2012-May 2013**
Midwestern University
Advisor: Dr. Shifali Bhalla, Ph.D.

- Collaborated with research mentor to develop a research proposal to evaluate adrenoceptor involvement in centhaquin antinociception in mice
- Developed experimental plans and assisted in conducting animal experiments in accordance with institutional policies
- Compiled and analyzed data and created graphs for PK/PD response to study compound
- Assisted in preparation of abstract and manuscript for presentation and publication.

Student Researcher **June 2011- May 2012**
Midwestern University
Advisor: Dr. Shifali Bhalla, Ph.D.

- Collaborated with research mentor to develop a research proposal to evaluate effect of study compound on potentiation of oxycodone analgesia
- Developed experimental plans and conducted animal experiments in accordance with institutional policies
- Compiled and analyzed data and graphs for pharmacokinetic/pharmacodynamic response to study compound.
- Prepared abstract, poster, and manuscript for presentation and publication.

ADVANCED PHARMACY PRACTICE EXPERIENCE JUNE 2013-MAY 2014

Jewel-Osco Pharmacy **Bolingbrook, IL**
Preceptor: Darlene Buikema, RPh, Staff Pharmacist

- Participated in pharmacy workflow and collaborated with other healthcare professionals to dispense prescriptions efficiently
- Networked with community leaders to promote the pharmacy and recommended ideas to grow script count and patient satisfaction
- Counseled patients about prescriptions, medical devices, and over the counter products
- Interviewed patients and formulated care plans to optimize medication regimens
- Organized and conducted blood pressure and glucose screenings and administered vaccines

Rush-Copley Medical Center **Aurora, IL**
Preceptor: Dr. Deborah Rehder, PharmD, Clinical Coordinator

- Participated in ICU multidisciplinary rounds, pharmacokinetic monitoring, formulary substitution, and renal dose adjustments
- Conducted medication reconciliation, warfarin management, and patient discharge counseling
- Educated patients about medication indications and side effects, and provided disease state specific counseling.
- Assisted in the design of a clinical trial, designed a data monitoring tool to facilitate data collection and helped PI pick the most appropriate variables to measure.
- Created a presentation about use of statistics in clinical trials and educated the clinicians on the study team about statistical analysis.

Aon Consulting **Chicago, IL**
Preceptor: Dr. Diana Zadorskaya, PharmD

- Researched reports on trends in prescription drug spending, summarized reports and provided a presentation about the summary findings to the pharmacy team
- Reviewed proposed pharmacy benefit changes for clinical appropriateness
- Gave a presentation about pharmacogenomic testing to the pharmacy practice team
- Updated clinical database with new drugs, generics, patent expirations
- Assisted with a newsletter on pharmacy related materials

Illinois Poison Center (IPC) **Chicago, IL**
Preceptor: Dr. Erin Pallasch, PharmD

- Attended Toxikon Consortium didactic teaching rounds at Cook County Hospital and University of Illinois at Chicago
- Presented about toxicity and illicit uses of clenbuterol, highlighting the pharmacokinetic differences that lead to increased misuse compared to albuterol
- Provided case updates to poison center clinical specialists
- Gained a better understanding of changes in pharmacokinetics of medications in overdose situations
- Updated IPC guidelines for sulfonylurea toxicity and octreotide use based on literature review
- Provided drug information consults for clinical specialists

Presence Mercy Medical Center **Aurora, IL**
Preceptor: Janet Bloom, RPh

- Reviewed medication profiles for appropriateness of therapy, drug interactions, dose, and therapeutic

duplication
- Demonstrated knowledge of drug distribution in a hospital setting and of automated dispensing cabinets, including inventory management of controlled substances
- Managed warfarin, vancomycin, and aminoglycoside therapy according to the hospital protocol
- Conducted and presented an analysis of vancomycin utilization evaluation

Dryer Medical Group **Aurora, IL**
Preceptor: Dr. Jennifer D'Souza, PharmD
- Reviewed patient charts and extracted the necessary information to prepare for a patient interview
- Interviewed patients effectively and obtained an appropriate medical history
- Formulated an appropriate plan specific to the patient regarding modifications to therapy (therapeutic changes/additions), monitoring parameters for safety and efficacy, and follow-up intervals
- Completed and properly documented patient interactions in SOAP note format

PUBLICATIONS

Bhalla S, Ali I, Lee H, Andurkar SV, Gulati A. Potentiation of oxycodone antinociception by agmatine and BMS182874 via an imidazoline I2 receptor-mediated mechanism. *Pharmacology, Biochemistry and Behavior*. Published online: October 26, 2012 doi:10.1016/j.pbb.2012.10.007

Bhalla S, Ali I, Andurkar SV, Gulati A. Centhaquin antinociception in mice is mediated by α_{2A}- and α_{2B}- but not α_{2C}-adrenoceptors . *European Journal of Pharmacology.* Published online: May 24, 2013 doi:10.1016/j.ejphar.2013.05.004

POSTERS/ PRESENTATIONS

Bhalla S, Ali I, Lee H, Andurkar SV, Gulati A. Potentiation of oxycodone antinociception by agmatine and BMS182874 via an imidazoline I2 receptor-mediated mechanism. Poster session at: *Annual Meeting of the American Association of Pharmaceutical Scientists*; 2012 October 14-18; Chicago, IL.

AWARDS/HONORS

2014-2015	AFPE-Rho Chi First Year Graduate School Fellowship
2014-2015	UNC Eshelman Fellowship
Spring 2012	Rho Chi Honor Society
Summer 2011	Chicago College of Pharmacy-Student Research Program
Fall 2010- Fall 2012	Dean's List, Midwestern University
Fall 2008-Fall 2009	Dean's List, Benedictine University

PROFESSIONAL ORGANIZATIONS

American Association of Pharmaceutical Scientists (AAPS)
MWU Student Chapter
Founding Chair (2012-2013)
Founding Committee Chair (2013-2014)
- Reached out to National AAPS chapter to help form a student chapter on campus

- Petitioned University leadership to establish AAPS-MWU student chapter
- Drafted a constitution and operating guidelines and presented these to the university for approval
- Collaborated with other e-board members to help grow membership in the student chapter
- Networked with interested pharmaceutical scientists in the local area to organize speaker events
- Organized a founding committee to help transition leadership to the new e-board

American Society of Consultant Pharmacists (ASCP)
MWU Student Chapter
Secretary (2012-2013)

- Organized community outreach events, including Bingo Night at DuPage Convalescent Center
- Collaborated with Alzheimer's Association to provide Introduction to Alzheimer's Disease community education programs

Women's Health Club (2010)
Midwestern University

- Organized patient education materials for health fairs
- Participated in health fair to provide patient education about Crohn's Disease
- Participated in health fair to educate the community about available programs that help make prescription medications more affordable

COMMUNITY SERVICE

October 2012	Introduction to Alzheimer's Community Education Program
September 2012	DuPage Convalescent Center Bingo Night