

# NISHANT B. THAKAR

## CURRICULUM VITAE

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### **EDUCATION:**

- University of Illinois at Chicago College of Pharmacy; Doctor of Pharmacy, Chicago, IL (2008 – 2012)
- National Louis University; B.A. in Applied Behavioral Sciences, Lisle, IL (2004 – 2007)

### **WORK EXPERIENCE:**

#### **University of Illinois College of Pharmacy**

*Adjunct Instructor; 2012 – present (see teaching activities for more detail)*

#### **Walgreens Pharmacy**

*Per Diem Pharmacist, (2018 – present)*

*Floating Pharmacist, Area 45 (2017 – 2018)*

*Overnight Pharmacist, Addison, IL, Store 5468 (2013 – 2017)*

*Floating Pharmacist, District 292, Rockford (2012 – 2013)*

*Pharmacy Intern, Stores 2447, 9090, 12349 (2008 – 2012)*

*Senior Certified Pharmacy Technician, Store 2447 (2007 – 2008)*

*Certified Pharmacy Technician, Store 2447 (2005 – 2007)*

*Pharmacy Technician, Store 4988 (2004 – 2005)*

- Formulated, prepared, and counseled patients on various non-sterile dosage forms, including various liquids, transdermals, troches, suppositories, and capsules
- Served as a teacher to technicians and pharmacy students on compounding (3/14 – present)
- Trained Kerr pharmacists with Walgreens software and protocol, *Store 16128, Hillsborough, NC (6-7/14)*
- Performed blood pressure checks, educated patients on glucometers, and provided immunizations
- Promoted PSC to eligible patients, flavoring, immunization, AutoFill, and Express-Pay
- Represented Walgreens through participating in various community and volunteer events.
- Assisted with flu clinics at St. Isidore Church, Bloomingdale, IL (2008, 2009) and ACCESS Dupage, Addison, IL (2017)

#### **Independent Consultant**

*Compounding Pharmacist Consultant (2012 – present)*

- Provided support in development, performing, and dispensing compounded prescriptions to pharmacists.
- Written presentations on capsules, suppositories, and a comprehensive compounding review covering suspensions, solutions, creams, ointments, gels, divided powders, and capsules.

### **INTERNSHIP EXPERIENCE:**

#### **Walgreens Pharmacy Summer Internship 2010**

*Walgreens District 247, Raleigh West District*

- Conducted a blood pressure clinic for the residents at the Carolina House nursing home in Reidsville, NC.
- Represented pharmacy services in a Carolina Veterinary Assistance and Adoption Group (CVAG) sponsored event. Discussed the role of a pharmacist in pet care, as well as discussed some of the medications that dogs and cats use.
- Shadowed a transplant, home infusion care, and compounding pharmacist and performed related activities.
- Assisted with patient care and pharmacy services during the acquisition of Kerr Drugs, Reidsville, NC.

#### **Walgreens Pharmacy Summer Internship 2009**

*Walgreens District 247, Raleigh West District*

- Presented a five minute medication safety presentation for the guests at a senior home in Graham, NC.
- Conducted a blood pressure clinic and an educational tri-fold for Walgreens store 9090 and Store 9555.
- Promoted Apollo Workers' Compensation service to local businesses in Graham, NC.

## **VOLUNTEER/CLERKSHIP PHARMACY EXPERIENCE:**

### **Student National Pharmacist Association (SNPhA)**

- Discussed what compounding pharmacist does in a video made for National Pharmacists Month (2017)

### **UIC Glyburide Gel Investigational Project 2016**

- Assisted Mr. Al Mancini, RPh. in formula design as well as the preparation for the glyburide gel for wound healing.

### **UIC Interprofessional Education (IPE) Immersion Day**

*Facilitator (4/16, 4/17)*

- Facilitated discussions about collaborations amongst students in pharmacy, medicine, nursing, dentistry, physical therapy, occupational therapy, and health administration/public health.

### **Phi Lambda Sigma (PLS)**

*Pharmacist Participant (4/13 – 4/17)*

- Pharmacist participant in the annual “lunch with a pharmacist” event.

### **Office of Student Affairs/Office of Diversity/Rho Chi/Phi Lambda Sigma**

*Mock Interviewer (11/2013)*

- Interviewed two students for a potential community pharmacist position.
- Provided feedback and suggestions on improving resume and presentation.

### **Illinois Council of Health-System Pharmacists (ICHSP)/American Pharmacists Association (APhA)**

*Panelist (10/2013)*

- Provided experiences and advice to P-1, P-2, and P-3 students at UIC College of Pharmacy in Rockford

### **Association of Indian Pharmacists in America (AIPhA)**

*Pharmacist Chaperone (4/2013 & 11/2013)*

- Counseled patients who had medication and lifestyle modification questions, and patients whose blood pressure and blood glucose were uncontrolled.

### **Muslim Pharmacy Student Association (MuPhSA)**

*Panelist (3/2013)*

- Shared experiences about rotations and offered advice regarding rotation selection and management during rotations.

### **Christian Pharmacists Fellowship International (CPFI) Coordinated Event**

*Volunteer Student Pharmacist (4/2012)*

- Educated and counseled visitors on drug and non-drug treatment for headaches, fever, and heartburn at a health fair in West Ridge Church, Chicago, IL.

### **American Pharmacists Association (APhA) / American Diabetes Association (ADA)**

*Volunteer Student Pharmacist (4/2012)*

- Performed blood pressure and blood glucose checks at the Diabetes Expo.
- Answered medication questions and counseled on lifestyle modification in diabetes management.

### **Target Pharmacy (Clerkship)**

*Student Pharmacist (2/2012 – 3/2012)*

- Held a free blood pressure clinic at the store.

### **Crusaders Community Health (Clerkship)**

#### *Student Pharmacist (1/2012 – 2/2012)*

- Performed counseling sessions on new and follow-up appointments for diabetes and anticoagulation care.
- Collected clinical and demographic data for a Pfizer sponsored retrospective analysis on the importance of a CDE in a patient's diabetic care.
- Presented a journal club on rivaroxaban vs. warfarin at the clinic's anticoagulation committee.
- Performed a topic discussion on medication disposal and safety for the P&T committee.
- Caught a drug related problem with a patient having a supratherapeutic INR.
- Treated a patient with hypoglycemia.

### **UIC College of Pharmacy Alumni Reunion**

#### *Volunteer Student Pharmacist/Presenter (10/2011)*

- Compounded nearly three hundred flavored lip balms for the event.
- Discussed the courses on compounding offered at the college, and presented compounded dosage forms students in BPS 385 have prepared.

### **Medication Management and Safety in Older Adults (MMSOA)**

#### *Volunteer Student Pharmacist (9/2011)*

- Measured blood pressure for the attendees of the Metropolitan Asian Family Services Center in Niles, IL.
- Counseled on blood pressure medications and lifestyle modifications in Hindi.

### **Saint Francis Hospital (Clerkship)**

#### *Student Pharmacist (8/2011 – 9/2011)*

- Contacted physicians to substitute Arixtra for Lovenox, and conversion from IV to PO therapy for suitable patients for cost effectiveness.
- Reported adverse drug reactions occurred.
- Delivered a presentation on medication reconciliation and safety for the pharmacists and nurses.
- Presented a case presentation on therapeutic induced hypothermia using a "teach-by-case" method (TIH).
- Prepared a cross-reactivity chart between various beta-lactam antibiotics.

### **SwedishAmerican Hospital (Clerkship)**

#### *Student Pharmacist (7/2011 – 8/2011)*

- Assessed and recommended therapeutic plans, with pharmacist supervision.
- Performed renal dose adjustments, monitored patients on warfarin, and developed TPN regimens in the Heart Hospital.
- Delivered an in-service presentation on dofetilide dosing for pharmacists and nurses
- Delivered a journal club on ticagrelor vs. clopidogrel

### **UIC Medical Center (Clerkship)**

#### *Student Pharmacist (6/2011)*

- Performed a retrospective analysis on naloxone use and opioid overdoses from 2010 through 2011.
- Produced a warning sign alerting nurses and physicians to verify the drug and dose of any morphine or hydromorphone order.
- Made recommendations to the anesthesiology team, and counseled patients at pain clinic appointments

### **Association of Indian Pharmacists in America (AIPhA)**

#### *Volunteer Student Pharmacist (2009 – 2011)*

- Performed blood glucose checks to temple congregation members of the Manav Seva Temple in Bensenville, IL (5/2011) and the Haveli temple in Addison, IL. (11/2010)
- Participated in a health fair at the Indian American Medical Association Center, Chicago, IL. (4/2009, 4/2011)
- Counseled on the importance of diet and medication management with regards to diabetes and hyperlipidemia in Hindi.

## **HONORS/AWARDS:**

- Certificate of Appreciation: American Association of Pharmaceutical Sciences, Chicago State University Compounding Competition (11/2016)
- Dean's List for Spring 2012 Semester (5/2012)
- Certificate of Appreciation; UIC College of Pharmacy Class of 2014 Rockford (4/2012)
- Dean's List for Fall 2011 Semester (12/2011)
- Best Teaching Assistant of 2011 Award; UIC College of Pharmacy Class of 2014; (11/2011)
- Dean's List for Fall 2010 Semester (12/2010)

## **MEMBERSHIPS:**

- American Association of Colleges of Pharmacy
- Association of Indian Pharmacists in America
- American Pharmacists Association

## **LICENSES/CERTIFICATIONS:**

- Walgreen's ACPE Compounding Certificate (9/2017)
- AHA CPR Certification (6/2018)
- Registered Pharmacist (6/2012), IL No. 051.295750 Exp: 3/31/2020; NPI: 1649516303 NABP: 456579
- APhA Certification for Pharmacy-Based Immunization Delivery (4/2011)

## **TEACHING ACTIVITIES:**

### **Roosevelt University College of Pharmacy**

#### Assistant Professor of Clinical Sciences:

- PHAR 520 (9/2018 – present)
  - Assisted and evaluated students on proper preparation of non-sterile pharmaceutical dosage forms.
- APPE Block A: Seminar (9/28/2018)
  - Prepared and delivered a comprehensive review lecture on key pharmaceutical calculations topics seen on the NAPLEX exam, including a review on non-sterile and sterile pharmaceutical compounding.
- PHAR 519 (6-8/2018)
  - **Coordinator and primary instructor**
  - Prepared and delivered lectures on pharmaceutical calculations used in community, hospital, manufacturing, and clinical settings.
  - Coordinated in-class team assignments to enhance student learning.
  - Filmed over twenty videos tutorials on pharmaceutical calculations.
- Presented a clinical perspective on compounding in the community pharmacy setting (on-campus interview) (1/2018)

### **Chicago State University College of Pharmacy**

- American Association of Pharmaceutical Scientists: Compounding Competition *Judge* (11/19/16)
  - ❖ Judged three different dosage forms prepared by the student participants on lab practices, proper calculations of the amounts, labeling, counseling points, and elegance of the dosage forms.
- *APhA Immunization Certification Facilitator: PHAR 6225* (9/2014)
  - ❖ Provided assessment and feedback for students on their ability to counsel and properly immunize a patient.

### **University of Illinois College of Pharmacy**

#### Lecturer/Instructor:

- NAPLEX Calculations and Compounding Review (5/14-15/14, 5/21/15, 5/12/16, 5/18/17, 5/18/18)
  - ❖ Prepared a 310 slide presentation of thirteen essential topics covered on the NAPLEX, including example problems and their solutions.
  - ❖ Presented this as a seven hour review session.
  - ❖ Prepared supplementary compounding guides for exams requiring compounding competency.
  - ❖ Offered outside assistance to prepare for pharmaceutical calculations.

*Adjunct Instructor: PHAR 324, PHAR 322, PHAR 432, PHAR 434 (1/2013 – 5/2018)*

➤ PHAR 432

- ❖ Assisted students on how to properly prepare several non-sterile and sterile dosage forms.
- ❖ Lead recitations on how to develop a formulation for a compounded prescription.
- ❖ Prepared simulated medication orders/prescriptions for non-sterile and sterile practical exams.
- ❖ Graded non-sterile and sterile examinations.

➤ PHAR 434

- ❖ Assisted students on how to properly prepare several non-sterile dosage forms.
- ❖ Lead recitations on how to develop a formulation for a compounded prescription (the white board summary slides).
- ❖ Set up simulation activities to demonstrate competency in dosage form formulation, calculation, preparation, and counseling of compounded dosage forms.
- ❖ Co-managed the laboratory with laboratory coordinator of the Rockford campus.
- ❖ Prepared prescriptions/medication orders and graded the non-sterile and sterile examinations.

➤ PHAR 324

- ❖ Provided a pharmaceutical calculations review for the calculations exam for the second year students (4/2017)
- ❖ Evaluated student performance for dosage form design labs (2014-17)
- ❖ Provided a review lecture on non-sterile dosage forms for the laboratory exam (2/2017)
- ❖ Assisted and facilitated recitation discussions on compounded prescriptions (2015-17)
- ❖ Lectured on compounding in a community pharmacy setting (3/22/13, 3/21/14, 3/9/15, 4/11/16, 2/20/17)
- ❖ Co-coordinated the dispensing and counseling portion of the course for the Rockford students (2013)
  - Prepared and graded drug card quizzes and prescriptions for the Rockford P-2 class. (2013)
  - Evaluated student performance through counseling, in addition to preparing individual feedback regarding counseling and course performance for the Rockford P-2 class. (2013)
  - Held several “drug talks” that enabled students to discuss their drug cards in order to correct errors and enhance understanding for the Rockford P-2 class. (2013)
  - Compose and grade PHAR 324 final exams (2013, 2014)

➤ PHAR 322

- ❖ Assisted students on proper dosage form preparations.
- ❖ Provided graphics on how to prepare powder papers.

*Adjunct Instructor: PHAR 321, PHAR 323, PHAR 431, PHAR 433, BPS 385, BPS 421 (8/2012 – 5/2018)*

➤ PHAR 431

- ❖ Evaluated and provided assistance for student performance for preparation of sterile dosage forms. (2016)

➤ PHAR 323/PHAR 433

- ❖ Facilitated student groups and provided instructions on proper aseptic technique during laboratory sessions.
- ❖ Lectured a review on how to calculate for isotonicity in pharmaceutical dosage forms. (11/7/12 and 10/29/13, 10/27/17)

➤ PHAR 321

- ❖ Co-authored a lab manual for proper use of the torsion lab (9/2012)

➤ BPS 385/BPS 421

- ❖ Held workshops where students would receive mock prescriptions requiring compounding, assess the patient profile, formulate, prepare, and counsel the dosage form created. (8/17, 12/17, 5/18)
- ❖ Proofread drafts and prepared new lab write-ups for the dosage form design preparations. (2012-2013)
- ❖ Lectured about compounding dosage forms in a community pharmacy setting (11/28/12)

*Student Teaching Assistant*

*Examination Proctor: PHAR 322 (5/2012)*

*Teaching Assistant for PHAR 324, PHAR 342 (3/2012 – 5/2012)*

*Recitation Facilitator (1/2012 – 2/2012)*

- PHAR 324
  - ❖ Facilitated dispensing/counseling sessions, evaluated student performance, and provided feedback.
  - ❖ Conducted a review session and produced a PowerPoint study guide to help students prepare for the final exam.
- PHAR 342
  - ❖ Graded students' community IPPE assignments.
  - ❖ Evaluated student presentations on a community topic issues.
- PHAR 322
  - ❖ Presented a two hour presentation on compounding dosage forms for the lab practical.
- PHAR 455
  - ❖ Recitation facilitator for the tertiary and electronic references recitation.
- Attended various department and pharmacy school admissions committee meetings.

*Physical Assessment Facilitator: PHAR 352 (12/2011)*

*Examination Proctor: BPS 360 (10/2011, 12/2011)*

*Teaching Assistant (APPE Academic Clerkship) for PHAR 323, PHAR 321, BPS 385 (10/2011 – 12/2011)*

*Student Teaching Assistant for PHAR 322, PHAR 324 (1/2011 – 5/2011)*

*Student Teaching Assistant for PHAR 321, PHAR 323 (9/2010 – 12/2010)*

PHAR 323 (during APPE Academic Clerkship)

- ❖ Class of 2014 had the highest class average (91%) in PHAR 323.
- ❖ Wrote three quizzes, one portion of one hour examination, and the two portions of the final examination
- ❖ Taught a formal review session for pharmaceutical calculations.
- ❖ Produced a narrated PowerPoint presentation on aseptic admixtures.
- ❖ Produced supplemental educational guides on pharmaceutical calculations and aseptic admixtures for PHAR 323.
- ❖ Held many informal, small group review sessions on calculations and aseptic admixtures when approached by students.
- PHAR 321/PHAR 322/BPS 385
  - ❖ Assisted students with pharmaceutical calculations and compounding nonsterile dosage forms.
  - ❖ Held many informal, small group review sessions on compounding in preparation for the unknown lab practical in PHAR 322.
  - ❖ Evaluated student performance in compounding dosage forms.
- Evaluated student performance with feedback.

**REFERENCES:** Available upon request