

# Khyati Patel, PharmD, BCACP

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Rosalind Franklin University of Medicine and Science  
Department of Pharmacy Practice  
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## **EDUCATION**

DOCTOR OF PHARMACY—*Magna Cum Laude* 2007—2011  
University of Illinois at Chicago (Chicago, IL)

## **ADDITIONAL TRAINING**

PGY-1 PHARMACY PRACTICE RESIDENCY 2011—2012  
Edward Hines Jr. VA Hospital (Hines, IL)

APhA'S PHARMACY-BASED IMMUNIZATION DELIVERY CERTIFICATE PROGRAM 2010  
University of Illinois at Chicago (Chicago, IL)

## **PROFESSIONAL EXPERIENCE**

ASSISTANT PROFESSOR 2012—Present

Department of Pharmacy Practice – College of Pharmacy (COP)

Rosalind Franklin University of Medicine and Science (North Chicago, IL)

- Provide education in didactic and group based settings to pharmacy and physician assistant students on various pharmacy practice topics
- Direct and coordinate various courses in the pharmacy practice department
- Facilitate simulations, OSCE, and various skills practicums
- Design and assist in various service learning activities
- Regular contributor of the HelixTalk podcasts
- Serve as a member of various COP and university committees
- Serve as a faculty advisor and chapter advisor for APhA-ASP, WSPA, and ICI
- COP faculty advisor for the Interprofessional Care Clinic (ICC) at RFUHS
- Participate in various campus as well as community outreach events through the COP and interprofessional student organizations

AMBULATORY CARE PHARMACY PROVIDER 2012—Present

Family Practice Clinic

Aurora Medical Center (Kenosha, WI)

- Established first ever ambulatory care pharmacy practice at the Kenosha location
- Collaborate with management and inpatient pharmacy to develop further

clinical services

- Manage various chronic disease states including diabetes, hypertension, hyperlipidemia, anticoagulation, osteoporosis, anemia, weight management, comprehensive medication reviews, medication administration education, etc. by collaborating with primary providers
- Primary preceptor for hospital's Introductory Pharmacy Practice Experience (IPPE) and Advanced Pharmacy Practice Experience (APPE) students at the clinic
- Educate family practice providers on current health topics and updates
- Past member of Diabetes AKI committee developed to improve care management scores of providers serving patients with diabetes

#### PEER REVIEWER

2012—Present

Reviewed manuscripts for practice applicability and added value

- Journal of American Pharmacists Association
- Currents in Pharmacy Teaching and Learning
- The Pharmacy Society of Wisconsin Journal

#### **TEACHING EXPERIENCES**

##### **Rosalind Franklin University of Medicine and Science**

###### *Course Director*

|  |              |
|--|--------------|
| YPHP 621 – Pharmacotherapy-II                | 2014—Present |
| YELP 703 – Advanced Diabetes Management      | 2013—Present |
| YPHP 500 – Introduction to Pharmacy Practice | 2012—2014    |

###### *Course Coordinator*

|   |              |
|---|--------------|
| YPHP 800 – Practical Approaches to Professional Development | 2019—Present |
|---|--------------|

###### *Lecturer*

|   |              |
|---|--------------|
| YPHP 800 – Practical Approaches to Professional Development           | 2019—Present |
| Post-Graduate Opportunities - 1 contact hour                          |              |
| Writing Thank You Notes - 0.25 contact hour                           |              |
| YPHP 712 – Pharmacotherapy VI   | 2018—Present |
| Obesity Management - 1 contact hour                                   |              |
| YPHP 510 – Self-Care and Nonprescription Medications                  | 2016—Present |
| Self-Care of Atopic Dermatitis - 1 contact hour                       |              |
| Self-Care of Contact Dermatitis - 1 contact hour                      |              |
| YPHP 625 – Applications of Drug Information                           | 2016—Present |
| Professional Writing, Citation, and Plagiarism                        |              |
| YPHP 622 – Pharmacotherapy-III  | 2014—Present |
| Pharmacotherapy of Nausea and Vomiting - 1 contact hour               |              |
| Pharmacotherapy of Diarrhea - 1 contact hour                          |              |
| Pharmacotherapy of Constipation and IBS - 1 contact hour              |              |
| YPHP 713 – Pharmacogenomics   | 2014—Present |
| Clinical Applications: Hematology. Flipped Classroom - 1 contact hour |              |
| YPHS 504A – Biochemistry Principles for Pharmacy                      | 2014—2015    |
| Clinical Applications of Metabolism and Diabetes – 0.5 contact hour   |              |
| YELP 700 – Deconstructing Landmark Clinical Trials                    | 2014—2017    |

|   |                 |
|---|-----------------|
| Intensive vs. Non-intensive Glycemic Control - 2 contact hours                        |                 |
| YPHP 606 – Pharmacy Skills Lab IV   |                 |
| Blood Glucose Monitoring - 1 lecture contact hour. 2 lab contact hours.               | 2014—2018       |
| YPHP 716 – Interprofessional Case Collaborations                                      |                 |
| Diabetes Case - 2 contact hours   | 2014—Present    |
| Hypertension and Dyslipidemia Case - 2 contact hours                                  | 2017            |
| YPHP 620 – Pharmacotherapy-I  |                 |
| Management of Lipid Disorders - 3 contact hours                                       | 2013—Present    |
| Hypertension Management - 3 contact hours   | 2016—2017, 2019 |
| YPHP 621 – Pharmacotherapy-II   |                 |
| Management of Diabetes - 8 contact hours  | 2013—Present    |
| Osteoporosis - 1 contact hour   | 2016—2017       |
| YPHP 608 – Pharmacy Skills Lab VI   | 2013—Present    |
| Diabetes Foot Exam - 1 lecture contact hour. 2 lab contact hours.                     |                 |
| YPHP 500 – Introduction to Pharmacy Practice - 1 contact hour each                    | 2013—2017       |
| Traditional Career Pathway – Ambulatory Care, LTC, and Home Care                      |                 |
| Non-traditional Career Pathway – DI, Poison Control, Nuclear, and Veterinary Pharmacy |                 |
| YELP 703 – Advanced Diabetes Management - 1 contact hour each                         |                 |
| Intro to Course and Review of ‘A week with Diabetes’                                  | 2013—Present    |
| Blood Glucose Monitoring – Glucometers, Apps, and Troubleshooting                     | 2013—Present    |
| Lifestyle Changes – Diet, MNT, Exercise, and Weight Management                        | 2013—2017       |
| Controversies in Diabetes Pharmacotherapy   | 2013—Present    |
| Gestational and Pediatric Diabetes Management   | 2015—Present    |
| Insulin and Non-insulin Injectables   | 2016—Present    |
| Management of Diabetic Complications  | 2019            |
| Sociobehavioral/cultural Aspects of Diabetes  | 2019            |
| <i>Facilitator</i>  |                 |
| YPHP 507 – Pharmacy Skills Lab II   | 2020            |
| Inhaler Counseling Assessment - 2 contact hours                                       |                 |
| YPHP 607 – Pharmacy Skills Lab V  | 2017, 2019      |
| Top 200 Counseling Assessment - 2 contact hours                                       |                 |
| PBBS 601 – Pharmacology   | 2017—2018       |
| Diabetes – Clinical Correlate - 1 contact hour  |                 |
| YPHP 606 – Pharmacy Skills IV   | 2016—Present    |
| Communication with Healthcare Providers - 4 contact hours                             |                 |
| Advanced Pharmacy Practice Experiences  | 2015—2017       |
| Interprofessional OSCE - 4 contact hours  |                 |
| YPHP 615 – Introductory Pharmacy Practice Experiences                                 | 2014—Present    |
| Health-Systems OSCE - 8 contact hours   |                 |
| YPHP 511 – Pharmacy-Based Immunization Delivery Program                               | 2013—Present    |
| Assessment of Immunization Delivery Technique - 4 contact hours                       |                 |
| YPHP 620 – Pharmacotherapy-I  | 2013—Present    |
| Dyslipidemia and HTN Recitation - 2 contact hours                                     |                 |
| YPHP 621 – Pharmacotherapy-II   | 2013—Present    |
| Diabetes Recitation - 2 contact hours   |                 |

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|---|----------------|
| <i>Service Learning</i>   | September 2019 |
| Immunization Delivery Supervision, TOPCO. (Elk Grove Village, IL). 4 contact hours      | April 2016     |
| Medication Reviews at Physical Therapy Balance Clinic. (RFUMS). 4 contact hours         | October 2013   |
| Immunization Delivery Supervision, Family First Center. (Waukegan, IL). 4 contact hours |                |

#### *Preceptor*

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|--|--------------|
| YPHP 715 – Introductory Pharmacy Practice Experience III           | 2015—2016    |
| YPHP 615 – Introductory Pharmacy Practice Experience II            | 2013—Present |
| YPHP 802 – Advanced Pharmacy Practice Experience – Ambulatory Care | 2013—Present |
| YPHP 805 – Advanced Pharmacy Practice Experience – Patient Care    |              |
| Elective   | 2013—Present |

#### **External Teaching/Facilitation Experiences**

|   |                         |
|---|-------------------------|
| Pain Management Skills Competition. IPHA Annual Meetings. 2 contact hours each  | September 2013 and 2014 |
| APhA Immunization Injection Technique Facilitation. (Naperville, IL). 2.5 contact hours   | September 2012          |
| Patel K. Discharge from the General Medicine Setting. PPRA 1303. Northwestern University, Chicago College of Pharmacy (Downers Grove, IL).                        | February 2012           |
| Derbis J, Patel K. Overview of Risk Evaluations and Mitigation Strategies (REMS). PHAR 445. University of Illinois at Chicago, College of Pharmacy (Chicago, IL). | November 2010           |

#### **RESEARCH**

Srivastava S, **Patel K**. How Pharmacists Counsel Patients About Insulin Pen Administration Techniques per Manufacturer Label. Research Development in Progress. 2019.

Rozenkranz J, **Patel K**. Evaluation of Lake County's Drug Take Back Program. IRB Approved Research Project in Progress. 2019.

Vollmer P, Ziny S, Candelario DM, **Patel K**, Rahman A, Chen M. Evaluation of Immunization Practices at the Rosalind Franklin University Interprofessional Community Clinic. Research Project Concluded. 2019-2020.

Rozenkranz K, **Patel K**, Shuman M. PROPERx – Partnering Research and Opioid Prevention Education with Pharmacy. Grant proposal submitted to NACDS Foundation Merit Award. 2019.

Kane S, Shuman M, **Patel K**, Olson M. Frequency and characteristics of drug-related podcasts. Research Project Concluded. 2017-2018.

### **PEER REVIEWED PUBLICATIONS**

Kane S, Shuman M, **Patel K**, Olson M. Frequency and characteristics of drug-related podcasts and the role of pharmacists in this educational medium. *American Journal of Pharmaceutical Education*. 2019;83(8):7083.

Patel K. Obesity Treatment: A Focus on Pharmacotherapy of Weight Management. *Orthopedic Nursing Journal*. Manuscript accepted for publication.

Candelario DM, **Patel K**. The Interprofessional Community Clinic: A Model of Service, Clinical Practice & Student Initiative. *American Association of Colleges of Pharmacy Summer Newsletter*. July 2018;8.

Patel K. Tiotropium Now Approved for Asthma. *American College of Clinical Pharmacy Ambulatory Care PRN Newsletter*. April 2016;9(1):9.

Patel K. New Inhalers for the Treatment of COPD. *American College of Clinical Pharmacy Ambulatory Care PRN Newsletter*. April 2015;8(11):11.

Patel K. New Drug Update: Linaclotide (Linzess®)-A new prescription treatment for constipation. *American College of Clinical Pharmacy Ambulatory Care PRN Newsletter*. April 2013;6(1):13.

### **OTHER PUBLICATIONS**

#### **Abstracts Published and Posters Presented**

Vollmer P, Ziny S, Candelario DM, **Patel K**, Rahman A, Chen M. Evaluation of Immunization Practices at the Rosalind Franklin University Interprofessional Community Clinic. Presented at the RFUMS Summer Research Poster Session. December 2019. 3<sup>rd</sup> place winner.

Ziny S, Vollmer P, **Patel K**, Candelario DM, Rahman A, Chen M. Impact of an Additional Immunizing Pharmacist at the Rosalind Franklin University Interprofessional Community Clinic. Presented at the RFUMS Summer Research Poster Session. December 2019.

Kane S, **Patel K**, Shuman M, Olsen M. Descriptive analysis of drug-related podcasts. Presented at the RFUMS All School Research Consortium and at RFUMS Summer Research Poster Session. October 2016 and March 2017.

Anderson M, Ballak M, Barr V, Cottreau J, Garber S, Hanes S, Lyden A, **Patel K**, Rahman A, Rynn K, Winnike J. Student Run Interprofessional Community Clinic. Poster presented at the *American Association of Colleges of Pharmacy Annual Conference*. Grapevine, TX. July 2014.

**Patel K**, Alsip D, Raval R, Lee T. Comparing change in hemoglobin A1C of patients in pharmacist managed telehealth clinic versus in-person clinic. Poster presented at the *American College of Clinical Pharmacy 2012 Annual Meeting*. Hollywood, FL. October 23, 2012.

Kasimatis H, Leslie D, Olson N, Alsip D, **Patel K**. Pharmacy clinical video telehealth (CVT): development and implementation of services within a Veterans Affairs (VA) health care system. Poster presented at the *2012 ASHP Annual Meeting*. Las Vegas, NV. December 3, 2012.

**Patel K**, Alsip D, Raval R, Lee T. Comparing change in hemoglobin A1C of patients in pharmacist managed telehealth clinic versus in-person clinic. Poster presented at the *Illinois Council of Health System Pharmacist Spring Meeting 2013. April 12-13, 2013.*

#### **HelixTalk Podcasts**

Kane S. **Patel K**. Shuman M. A total of 106 HelixTalk podcasts published on iTunes over variety of drug related topics. 2013-2020.

#### **Newsletters**

Patel K. Highlights of the Revised Chest Guidelines: Part I. *InPharmAtion: Hines Pharmacy Newsletter*. March 2012;12(3):1-2.

Patel K. Policy Challenge: Administering medication via an enteral tube. *InPharmAtion: Hines Pharmacy Newsletter*. September 2011;11(9):4.

Patel K. Patient Safety Corner: Asenapine maleate (Saphris®) and severe allergic reactions. *InPharmAtion: Hines Pharmacy Newsletter*. October 2011;11(10):3.

#### **PRESENTATIONS**

**Patel K**, Jannati A. Discussing Diabetes: The Essential Conversation That Could Change the Health of the Nation. Presented at the SNPhA Diabetes Awareness Month Meeting. North Chicago, IL. November 2020.

Patel K. Quality Analysis for the Diabetes Disease Management Service of Pharmacy Clinic. Presented at the Aurora Family Practice Department Meeting. Kenosha, WI. August 2019.

**Patel K**, Candelario DM. Keeping up with Standards: How to Incorporate Updated Accreditation Standards in Your Precepting. Presented at the IPhA 2018 Annual Meeting. Lombard, IL. September 2018.

Patel K. Advancing Ambulatory Care: One Pharmacist at a Time. Presented at the PSW 2018 Educational Conference. Madison, WI. April 2018.

Patel K. Medication Practices and Complementary and Alternative Medicine Use in Asian Individuals with Diabetes. Presented at the APAMSA Conference. February 2018.

Patel K. 2017 Updates in Wisconsin PDMP. Presented to caregivers at Aurora Medical Center, Kenosha, April 2017.

Kane S. **Patel K**. Shuman M. Extra, extra, listen all about...HelixTalk! Discussion and evaluation of Medical Podcasts. Presented at the RFUMS ERSIG series. March 2017

Angelo L. **Patel K**. CAM of worms: Complementary and Alternative Medicine for Diabetes. Presented at the Illinois Pharmacist Association Meeting. September 2016.

Shuman M. **Patel K**. Reversal Agents for Opioid Overdose CPE. Presented at the Illinois Pharmacist Association Meeting. September 2015.

Patel K. Novel Diabetes Agents CPE. Presented at the Illinois Academy of Physician Assistants' Annual Meeting. April 2015.

Patel K. Pain Counseling Competition CPE. Presented at the Illinois Pharmacist Association Annual Meeting. Material developed by NASPA. September 2013 and 2014.

Patel K. NOACs. Presented at the Family Practice Physician Group Monthly Meeting. September 2014.

Patel K. Wisconsin Prescription Drug Monitoring Program Overview. Presented at the Aurora Health Care South Region Quarterly Meeting. December 2013.

Patel K. Sitagliptin (Januvia®) and Pancreatitis. Aurora Medical Center. Presented at the Family Practice Physician Group Monthly Meeting. May 2013.

Patel K. Ticagrelor (Brilinta®)-The New Kid in the Class. Aurora Medical Center. Presented at the Family Practice Physician Group. March 2013.

Patel K. Fingolimod (Gilenya™). PBM Monograph Review. Edward Hines, Jr. VA Hospital Pharmacy Service. Presented at the clinical staff meeting. June 2012.

Alsip D, **Patel K.** Use of Bisphosphonates in Paget's Disease. Medication Use Evaluation. Edward Hines, Jr. VA Hospital Pharmacy Service. Presented at the Hines VA P&T committee meeting. May 2012.

Patel K. Comparing Change in HgbA1c of Patients in Pharmacist Managed Telehealth Clinic versus In-person Clinic. Residency research project and presentation. Edward Hines, Jr. VA Hospital Pharmacy Services, Hines, IL. Presented at the 2012 Great Lakes Pharmacy Residency Conference at the Purdue University, West Lafayette, IN. April 2012.

Patel K. New Era of Hepatitis C Treatment. ACPE CE Seminar Presentation. Edward Hines, Jr. VA Hospital Pharmacy Services, Hines, IL. November 2011.

## **COMMITTEES AND ACADEMIC SERVICE**

### **University Level**

|   |              |
|---|--------------|
| Member, Student Affairs Judiciary Committee               | 2015—Present |
| Interprofessional Clinic Initiative (ICI) Faculty Advisor | 2014—Present |

### **College Level**

|                                     |              |
|-------------------------------------|--------------|
| ACPE Accreditation Self-Study Group |              |
| • Writer                            | 2020—Present |
| • Reviewer                          | 2017         |
| All Faculty Council                 |              |
| • Advisory Board Member             | 2019—Present |
| • Secretary                         | 2019—Present |
| Co-Chair, Post-Graduate Task Force  | 2018—2019    |

|   |              |
|---|--------------|
| Educational Resources Committee                                   |              |
| • Chair   | 2018—Present |
| • Member  | 2012—2019    |
| Member, Pharmacy Executive Council                                | 2018—Present |
| Member, NAPLEX Readiness Committee                                | 2018—2019    |
| Member, Biochemistry Course Review Subcommittee                   | 2018         |
| Strategic Planning Committee                                      |              |
| • Member, Professional Advocacy                                   | 2017—Present |
| • Member, Community Service                                       | 2013—2014    |
| • Member, Clinical Practice                                       | 2012—2013    |
| Faculty Search Committees   |              |
| • Chair, Ambulatory Care Faculty Search Committee                 | 2017—2017    |
| • Member, Oncology Faculty Search Committee                       | 2014—2014    |
| • Member, Social Administrative Sciences Faculty Search Committee | 2012—2012    |
| Member, Dean's 5-Year Evaluation Committee                        | 2014—2014    |
| Member, End of the Course Evaluation Ad-Hoc Committee             | 2013—2014    |
| Member, Student Promotions, Evaluation, and Awards Committee      | 2012—Present |

#### **Department Level**

|   |      |
|---|------|
| Standardization of SOAP Note Format and Grading | 2019 |
| Pharmacotherapy Recitation Improvement Process  | 2017 |

#### **STUDENT ORGANIZATION ADVISING**

|  |              |
|--|--------------|
| ICI/ICC COP Faculty Advisory Board—Co-Advisor<br>Rosalind Franklin University Health-System (North Chicago, IL)              | 2014—Present |
| Wisconsin Student Pharmacist Association—Advisor<br>Rosalind Franklin University of Medicine and Science (North Chicago, IL) | 2012—Present |
| APhA Academy of Student Pharmacist—Co-Advisor<br>Rosalind Franklin University of Medicine and Science (North Chicago, IL)    | 2012—Present |

#### **PROFESSIONAL ORGANIZATIONS**

|   |              |
|---|--------------|
| American College of Clinical Pharmacy             | 2012—Present |
| • Ambulatory care PRN member until 2016           |              |
| Pharmacy Society of Wisconsin                     |              |
| • Chapter Advisor since September 2012            | 2012—Present |
| • Editorial Advisory Board Member for The Journal | 2019—Present |
| <i>Rho Chi</i> Honor Society— <i>Phi</i> chapter  | 2010—Present |
| • Inducted: April 15, 2010                        |              |



|  |              |
|--|--------------|
| <i>Phi Lambda Sigma</i> Leadership Society— <i>Alpha Iota</i> chapter  | 2009—Present |
| <ul style="list-style-type: none"> <li>• Inducted: March 19, 2009</li> <li>• Chapter Treasurer, 2009-2010</li> </ul> |              |

|  |              |
|--|--------------|
| American Pharmacists Association   | 2007—Present |
| <ul style="list-style-type: none"> <li>• Member</li> <li>• Chapter Co-Advisor since August 2012</li> </ul> |              |

|   |              |
|---|--------------|
| Illinois Pharmacists Association  | 2007—Present |
| <ul style="list-style-type: none"> <li>• Region-3 delegate</li> <li>• Member of the Learning and Education Committee</li> </ul> |              |

### **COMMUNITY SERVICE**

|   |              |
|---|--------------|
| Volunteer, Feed My Starving Children  | 2015—Present |
| <ul style="list-style-type: none"> <li>• Meal packing service for children in underdeveloped countries</li> </ul> |              |

|  |           |
|--|-----------|
| Volunteer, Kenosha County Falls Coalition  | 2013—2014 |
| <ul style="list-style-type: none"> <li>• Provider Education Subcommittee member</li> </ul> |           |

|   |              |
|---|--------------|
| Volunteer, Interprofessional Community Clinic   | 2013—Present |
| <ul style="list-style-type: none"> <li>• Providing patient care to underserved community</li> <li>• Educating students in an interprofessional environment</li> </ul> |              |

|   |           |
|---|-----------|
| Volunteer, Boys and Girls Club of Lake County   | 2013—2016 |
| <ul style="list-style-type: none"> <li>• Supervised a health-fair which included education on nutrition, influenza, medication use and abuse topics, and health screenings</li> </ul> |           |

|  |              |
|--|--------------|
| Volunteer, New Life Volunteering Society   | 2012—Present |
| <ul style="list-style-type: none"> <li>• Shared medical appointments and diabetes education classes for underserved bilingual patients in Chicago, IL</li> </ul> |              |

### **HONORS AND AWARDS**

|   |      |
|---|------|
| Generation Rx Award                                 | 2015 |
| Cardinal Health and Illinois Pharmacist Association |      |

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|--|------|
| University of Illinois Alumni Association Student Leadership Award | 2011 |
| University of Illinois at Chicago, IL                              |      |

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|--------------------------|-----------|
| The National Dean's List | 2005—2011 |
|--------------------------|-----------|

|  |           |
|--|-----------|
| Chapter Member of the Year Award           | 2009—2010 |
| <i>Phi Lambda Sigma-Alpha Iota</i> chapter |           |

**LICENSURE AND CERTIFICATION**

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|---|--------------|
| Board Certified Ambulatory Care Pharmacist                              | 2019—Present |
| Board Certified Pharmacotherapy Specialist                              | 2012—2019    |
| Registered Pharmacist in the State of Wisconsin (16864-40)              | 2012—Present |
| Registered Pharmacist in the State of Illinois (051.294985)             | 2011—Present |
| National Provider Identifier (1679860761)                               | 2011—Present |
| American Heart Association —Basic Life Support for Healthcare Providers | 2009—Present |
| APhA's Pharmacy-Based Immunization Delivery Certificate                 | 2010         |