

Rachel A. Sharpton, Pharm.D.

Curriculum Vitae

August 2016

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EDUCATION AND TRAINING

PGY2 Ambulatory Care Resident Chief Resident University of Oklahoma College of Pharmacy at Tulsa Tulsa, OK	July 2015 – June 2016
PGY1 Pharmacy Resident James H. Quillen VA Medical Center Mountain Home, TN	July 2014 - June 2015
Doctor of Pharmacy East Tennessee State University Johnson City, TN Summa Cum Laude	2010 - 2014
Pre-pharmacy Coursework Campbell University Buies Creek, NC	2007 - 2010

LICENSURES AND CERTIFICATIONS

Pharmacist Licensure in Oklahoma	2015 - present
Oklahoma Preceptor License	2015 - present
Pharmacist Licensure in Tennessee	2014 - present
Pharmacist Licensure in North Carolina	2014 - present
Delivering Medication Therapy Management Services (APhA)	2013 - present
The Pharmacist and Patient-Centered Diabetes Care Certificate (APhA)	2012 - present
Pharmacy-Based Immunization Delivery Certificate (APhA)	2010 - present
Basic Life Support (BLS)	2010 – present

PROFESSIONAL EXPERIENCE

Clinical Assistant Professor August 2016 - present
Ben and Maytee Fisch College of Pharmacy
University of Texas at Tyler
Tyler, TX

Inpatient Staff Pharmacist July 2014 - July 2015
James H. Quillen VA Medical Center
Mountain Home, TN

Community Pharmacist June 2014 - June 2015
Pharmacy Practice Intern May 2009 - June 2014
Haywood Pharmacy
Clyde, NC

PGY2 Ambulatory Care Residency Experiences

University of Oklahoma College of Pharmacy

Ambulatory Care Service Implementation Plan June 2016

Katherine O'Neal, PharmD, MBA, BCACP, BC-ADM, AE-C

- Developed a plan for a clinical pharmacy service for a family medicine practice site including the purpose and goals of the service, key stakeholders, pharmacist responsibilities, resources required, marketing, documentation of services, performance measure, and interactions with the pharmaceutical industry.

Preceptor of Record Ambulatory Care I APPE May 2016

Katherine O'Neal, PharmD, MBA, BCACP, BC-ADM, AE-C

- Precepted 1 APPE student in the OU IM Schusterman Tulsa Family Medicine, and Tulsa Cystic Fibrosis Clinics
- Planned calendar of activities to meet objectives
- Developed rotation syllabus with objectives, professionalism, and journal club rubrics
- Provided informal daily feedback, as well as formal midpoint and final evaluations

Psychiatric Pharmacy at OU Tulsa Schusterman Clinic April 2016

Nancy Brahm, PharmD, MS, BCPP, CGP

- Served as the clinical pharmacist on a multidisciplinary team making home visits to patients with psychotic mental health disorders
- Provided recommendations based on mental health symptoms and side effects from medications

Global Health Pharmacist March 2016

Pucallpa, Peru

- Served as the clinical pharmacist for a family medicine global health team to tribes on the Ucayali River in Peru
- Provided dosing for all medications for pediatric and adult patients
- Mentored and supervised 2 third year pharmacy students

Oklahoma State University HIV Family Medicine Clinic

February 2016

Christina Connel, PharmD, BCPS

- Interviewed patients for medication adherence history
- Developed HIV regimens based on resistance and genetic profiles

-PGY2 Rotations Continued-**Tulsa Family Medicine Clinic**

January 2016

Kimberly Crosby, PharmD, BCPS, CGP

- Tulsa Family Medicine Anticoagulation Clinic
 - Independently managed warfarin patients
- Tulsa Family Medicine Pharm.D. Chronic Disease State Clinic
 - Managed and provided education on diabetes, hypertension, hyperlipidemia, and congestive heart failure
- Tulsa Family Medicine Community Health Bedlam - Longitudinal Clinic
 - Managed and provided education on diabetes, hypertension, hyperlipidemia, and congestive heart failure for those without insurance
 - Developed skills to assist with patient assistance programs and prior authorizations

Research and Professional Development

December 2015

- Collected data for research project
- Attended ASHP Midyear Meeting and Exhibition 2015 for professional development and residency recruitment

Pediatric Ambulatory Care

October - November 2015

Brooke Gildon, PharmD, BCPS, AE-C

Michelle Condren, PharmD, AE-C, CDE, FPPAG

- General Pediatrics Clinic
 - Provided in-service on the 2015-2016 American Academy of Pediatrics influenza vaccination guidelines to the pediatric attendings and medical residents
 - Provided therapeutic recommendations and asthma education as a part of the general pediatrics clinic
- Asthma Clinic
 - Educated patients on pathophysiology, mechanism of action of inhaled medications, and inhaler technique
 - Adjusted asthma pharmacotherapy under collaborative practice as a part of a PharmD Asthma Clinic
- Type 1 Diabetes Clinic
 - Adjusted insulin pump therapy based on blood glucose logs in a type 1 diabetes clinic
 - Educated new patients on the mechanism of action of insulin, insulin-to-carb ratio, and insulin sensitivity factor
- Pediatric Safety Surveillance Program
 - Reviewed general pediatric prescriptions for appropriateness and safety

Adult Internal Medicine

August - September 2015

Katherine O'Neal, PharmD, MBA, BCACP, BC-ADM, AE-C

- Pharmacist Managed Chronic Disease State Clinic
 - Educated and managed patients with diabetes, hypertension, and hyperlipidemia under a collaborative practice agreement

-Adult Internal Medicine Continued-

- Collaborative Practice Clinic
 - Collaborated with a physician to provide medication therapy management, drug monitoring, and patient education to patients
- Transitions of Care Clinic
 - Provided medication reconciliation between their previous and current regimens
 - Discussed optimization of recent changes with the medical residents and attendings
- Assistant preceptor
 - Assisted in precepting an APPE student in each of these clinics by modeling, coaching, and facilitating patient interviews
 - Provided feedback for journal club, as well as midpoint and final evaluations

Longitudinal Rotations

Bedlam Community Outreach Clinic

July 2015 – present

Katherine O'Neal, PharmD, MBA, BCACP, CDE, BC-ADM, AE-C

- Served as the clinical team pharmacist for a community walk-in clinic through medication reviews and running the refill clinic for chronic disease states

Cystic Fibrosis Clinic

October 2015 - present

Michelle Condren, PharmD, CDE, AE-C, FPPAG

- Provided medication reconciliation, therapeutic drug monitoring, and evidence-based recommendations as an integrated part of an interdisciplinary clinic dedicated to addressing all aspects of care with cystic fibrosis (CF)
- Educated patients with CF on the mechanism of action of medications and changes in therapeutic plans

Internal Medicine Medical Resident Clinic

August 2015 - present

Katherine O'Neal, PharmD, MBA, BCACP, CDE, BC-ADM, AE-C

- Collaborated with medical residents and attendings to provide chronic disease state management and therapeutic drug monitoring to patients
- Provided in-service to medical residents on monitoring pulmonary function tests as a part of clinic flow

Research

July 2015 - present

Michelle Condren, PharmD, CDE, AE-C, FPPAG

- Developed research project on the use of azithromycin and QTc prolongation in patients with cystic fibrosis
- University of Oklahoma IRB submitted and approved in September 2015
- Saint Francis IREB approval November 2015
- Cystic Fibrosis Foundation Training Grant received May 2016

Teaching and Learning Certificate

July 2015 – present

Ann Lloyd, PharmD, BCPS –AQ ID

- Includes 9 teaching activities: developing a teaching proposal and quarterly meetings, participating in teaching workshops, participating in education reading discussions, facilitating small groups, providing feedback and grading for student activities, teaching at least 2 didactic lectures, developing a teaching philosophy and portfolio, providing evaluation and feedback as assigned grader for a P4 seminar group, and serving as the APPE preceptor for record for at least 1 month in the spring semester

PGY1 Pharmacy Residency Experiences

James H. Quillen VA Medical Center

Home Based Primary Care

June 2015

Amber Johnson, PharmD, BCACP

- Conducted chart reviews to assess optimization of therapeutic regimen for chronic disease states and monitoring of goals. Presented assessments and plans from reviews at weekly interdisciplinary rounds
- Developed handout for pharmacy students on pharmacotherapy for type 2 diabetes based on the American Diabetes Association 2015 Standards of Care

Critical Care

May 2015

Rola Franks, PharmD, BCPS

- Participated and made recommendations on cardiology and pulmonary rounds
- Drug information question completed on the use of the Bispectral index in paralyzed patients

Acute Care

April 2015

Justin Davis, PharmD

Erin Harschbarger, PharmD

- Developed skills as an inpatient clinical pharmacist as a part of an acute care medical team that also included two attendings, three medical residents, and a team nurse
- Reviewed patient charts and provided recommendations to the team daily
- Completed medication reconciliation upon admission and discharge for each patient
- Provided in-service to team on drug-induced skin rashes

Geriatrics - Community Living Center

March 2015

Paul J. Laucka, PharmD, CGP

- Actively participated in hospice rounds every Tuesday and Thursday
- Presented an in-service on treatment of diastolic and systolic heart failure
- Completed 30-day chart reviews for therapeutic appropriateness of medications, fall risk potential, and usage of as needed medications and antipsychotics

Diabetes Education Clinic

February 2015

Pharmacy Student Preceptor

Garren Woodby, PharmD, CDE

- Served as primary preceptor for 1 APPE student
- Provided one-on-one education for patients with diabetes as a part of a multidisciplinary team, consisting of a pharmacist, dietician, and nurse
- Adjusted and managed basal-bolus insulin regimens including U-500
- Taught the medication portion of the diabetes group education class

Anticoagulation Clinic

January 2015

Andrea Radford, PharmD, CACP

- Developed skills as an anticoagulation pharmacist in a pharmacist-led anticoagulation clinic including warfarin dosing, bridging, and counseling
- Provided direct patient counseling and follow-up phone call appointments on apixaban, dabigatran, and rivaroxaban

-PGY1 Rotations Continued-

- Developed the James H. Quillen VA Medical Center Anticoagulation Clinic Handbook. This resource provides a monograph and handouts on dosing, drug-drug interactions, side effects, and patient handouts for warfarin, the target-specific oral anticoagulants, and injectable anticoagulants. The Anticoagulation Pharmacists' Scope of Practice and other medical center specific documents were included for quick reference
- Answered anticoagulation drug-information questions from providers

Research III

December 2014

Paul J. Laucka, PharmD, CGP
Robyn McKeller, PharmD, MPH

- Correspondent for the research team to the data team pulling the project cohort
- Completed data collection for hyaluronic acid MUE

Special Populations Clinic

November 2014

Ashley Smith, PharmD, BCACP

- Actively participated in pulmonary, cardiology, neurology, nephrology, and hepatology clinics making clinical recommendations based upon resident patient assessment and medication profile
- Implemented on-going medication reconciliation project for dialysis patients
- Developed patient handout for Harvoni®
- Developed provider handout for the new outpatient infusion clinic orders
- Evaluated non-formulary requests for zoledronic acid, denosumab, dextromethorphan/quinidine, and clopidogrel

Ambulatory Care II

October 2014

Primary Care Clinics

David Burke, PharmD, BCPS

Nicole Boatwright, PharmD, BCPS, Ketrin Mount, PharmD, BCPS

- Independently interviewed patients to tailor therapeutic interventions, goals, and monitoring parameters for diabetes, hypertension, and dyslipidemia to the meet the needs of each patient
- Provided patient education for insulin administration with syringes and pen devices utilizing the teach-back method to assess patient understanding
- Conducted shared medical appointments (SMAs) through interviewing patients to determine therapeutic interventions, goals, and monitoring parameters for patients with diabetes as a part of a multidisciplinary team
- Developed skills in building and maintaining a patient panel for a newly started pharmacotherapy clinic
- Utilized primary and tertiary literature to answer drug information questions from primary care providers

Ambulatory Care I

September 2014

Primary Care/Internal Medicine Clinics

Marsha Dangler, PharmD, BCACP

- Provided therapeutic recommendations in the internal medicine resident clinic
- Independently performed medication reconciliation with patients prior to initial primary care visit
- Interviewed and developed therapeutic interventions, goals, and monitoring parameters for patients with diabetes based upon blood glucose logs and therapeutic lifestyles
- Presented patient case on pharmacotherapy for male hot flashes, and topic discussions on inhaler technique, antimuscarinic agents, antiepileptics, inflammatory bowel disease.

Research I and II

July - August 2014

Ketrin Mount, PharmD, BCPS

- Developed and began implementation a quality research project with the achieved goal of submitting to institutional review board in early September
- Emphasis placed on study design and statistical analysis

Longitudinal Experiences

Research

Paul J. Laucka, PharmD, CGP; Robyn McKeller, PharmD, MPH

- Implemented a research project based on the effect of obesity on the low density lipoprotein lowering efficacy of statins.
- Institutional Review Board and Veterans' Affairs Research and Development Committee approved. Data analyzed. 150 patient chart audit completed.

Teaching and Learning Certificate

Bill Gatton College of Pharmacy - ETSU

- A program designed to hone skills in planning for effective teaching, implementing teaching and learning, and assessing student learning. Goals of this program include developing a teaching portfolio with teaching philosophy through didactic and experiential academic settings

Administration

Adam Seneker, PharmD, BCPS

- Participant in VISN-9 PBM meetings and P&T meetings with the Chief of Pharmacy at the James H. Quillen VA Medical Center to develop pharmacy leadership skills
- Integrated into the opioid abuse Naloxone Tool Box initiative

Pharmacoeconomics

Robyn McKeller, PharmD, MPH

- Missing Dose Committee member: mission of committee is to optimize patient care and decrease costs associated with medication doses not available at time of administration
- Medication Use Evaluation (MUE): examining the use of hyaluronic acid intraarticular injections at the James H. Quillen VA Medical Center, including prescribing patterns and cost-effectiveness

RESEARCH ABSTRACTS AND POSTERS

1. **Sharpton R**, Condren M, O'Neal K, Lloyd A, McIntosh H. QTc interval monitoring for chronic azithromycin therapy in patients with cystic fibrosis; Poster presented at: ASHP Midyear Meeting; 2015 Dec 6-10; New Orleans, LA. Alcáldé TSHP Conference; 2016 April 20-22.
2. **Sharpton R**, Laucka P, McKeller R. The Effect of Obesity on the Low-Density Lipoprotein Lowering-Efficacy of Statins; Poster presented at: ASHP Midyear Meeting; 2014 Dec 7-11; Anaheim, CA. Southeastern Regional Conference (SERC); 2015 April 29 – May 1; Athens, GA.
3. **Sharpton R**, Ramsauer V. Topical Achyrocline Extract Demonstrates Methicillin-Resistance Staphylococcus aureus and Streptococcus pyogenes Bactericidal Activity; Abstract presented at: Appalachian Student Research Forum: April 4, 2013; Johnson City, Tennessee. ASHP Midyear 2013: December 7, 2013. Orlando, Florida.

PRESENTATIONS

1. **Sharpton R**, Condren M, O'Neal K, Lloyd A, McIntosh H. QTc interval monitoring for chronic azithromycin therapy in patients with cystic fibrosis; Presented at: Alcáldé TSHF Conference; 2016 April 20-22.
 2. **Sharpton R**. Influenza Update 2015-2015. In-service provided to pediatric attendings and residents at the University of Oklahoma Schusterman Center. October 13 and 15, 2015.
 3. **Sharpton R**. The Use of Metformin in Renal Impairment. Grand Rounds at the University of Oklahoma College of Pharmacy. October 6, 2015.
 4. **Sharpton R**. Obtaining Pulmonary Function Tests: Update on Clinic Work Flow. In-service provided to internal medicine residents at the University of Oklahoma Schusterman Center. September 24, 2015.
 5. **Sharpton R**. Testosterone and Cardiac Risk in Combination with Opioid Use. In-service provided to inpatient and outpatient pharmacists, and pharmacy students at the James H. Quillen VA Medical Center. June 10, 2015.
 6. **Sharpton R**. Drug-Induced Skin Diseases. In-service with pamphlet provided to interdisciplinary inpatient team at the James H. Quillen VA Medical Center. April 30 2015.
 7. **Sharpton R**. Clinical Prevention: Falls in the Elderly. Community outreach opportunity developed for pharmacists at Butler University in Indianapolis, IN. January 24, 2015.
 8. **Sharpton R**. A Guide to the Target Specific Anticoagulants: A Family Practitioner's Guide. In-service with pamphlet provided to a physician and pharmacists at Providence Health Care in Olympia, WA. January 13, 2015.
 9. **Sharpton R**. The Beat Goes On: An Update on Atrial Fibrillation Pharmacotherapy. Accredited Continuing Education provided to inpatient and outpatient pharmacists at the James H. Quillen VA Medical Center (October 21, 2014) and East Tennessee State University (November 13, 2014).
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TEACHING

Didactic Lectures

University of Oklahoma College of Pharmacy

PHAR 7970

Seminar Pharmacy Practice

2 credit hours, 2 hours total

P4 seminar observer/grader, Spring 2016

PHAR 7323

Pharmacy Practice Lab VI

3 credit hours, 4 hours total

Standardized patient, grade/feedback provider
Spring 2016

PHAR 7894

Pharmaceutical Care X: Neurology/Psychiatry

4 credit hours, 2 lecture hours

Depression, Spring 2016

**-Didactic Lectures Continued-
PHAR 7542**

Advanced Diabetes Care

3 credit hours, 1 lecture hour, 1 case-based hour
Macrovascular Complications, Spring 2016

PHAR 7862

Pharmaceutical Care VI: Gastrointestinal Disorders

2 credit hours, 1 lecture hour
Irritable Bowel Syndrome, Fall 2015

PHAR 7813

Pharmaceutical Care I: Health Module

3 credit hours, 1 lecture hour each
Role: small group facilitator
Nicotine Replacement Therapy, Fall 2015
Fluid and Electrolyte Disorders, Fall 2015
Acid/Base Disorders, Fall 2015
Pain Management, Fall 2015

East Tennessee State University

PMPR 3270

Non-Prescription Pharmacotherapy, Natural Medicines, and Self-Care I

2 credit hours, 1 lecture hour, 1 case-based hour
Fungal Skin Infections, Spring 2015

PMIN 3200

Integrated Environment for Applied Learning and Skills Lab

2 credit hours, 1 lecture hour
Role: small group facilitator
Prescription Review, Spring 2014

Precepting and Experiential Lectures

University of Oklahoma College of Pharmacy

Ambulatory Care I APPE

May 2016

- Served as primary preceptor of record for 1 APPE student for the OU IM Resident, Tulsa Family Medicine, and Tulsa CF Clinics
- Conducted topic discussions on cystic fibrosis, type 1 and 2 diabetes, hypertension, dyslipidemia, asthma/COPD, and atrial fibrillation
- Pre and post-rotation assessment developed and given
- Feedback and grade provided via rubric in syllabus

Ambulatory Care I APPE

April 2016

- Co-precepted 1 APPE Student in the OU Internal Medicine Clinics
- Facilitated topic discussions on type 1 and 2 diabetes and COPD/Asthma

Ambulatory Care I APPE

March 2016

- Facilitated topic discussion on medication pen devices, glucometers, and inhalers

-Precepting and Experiential Lectures Continued-

HIV Elective APPE

February 2016

- Co-precepted 2 APPE students in the OSU HIV Clinic

Pediatric Elective APPE

November 2015

- Co-precepted 2 APPE students in the asthma and cystic fibrosis clinics
- Facilitated topic discussion on cystic fibrosis

Ambulatory Care I APPE

September 2015

- Co-precepted 1 APPE student in all four OU Internal Medicine Clinics
- Facilitated topic discussions on hypertension and hyperlipidemia
- Provided feedback for journal club, and midpoint and final evaluation

James H. Quillen VA Medical Center

Critical Care

May 2015

- Co-precepted 1 APPE student
- Served as first line “go-to” for student’s questions
- Reviewed student’s notes
- Mentored student through first journal club
- Facilitated topic discussions on sepsis, acid-base disorders, diabetes ketoacidosis/ hyperglycemia hyperosmolar syndrome, and hepatic decompensation

Geriatrics/Long Term Care

March 2015

- Co-precepted 1 APPE student
- Led topic discussions on warfarin, sleep disorders, osteoporosis, hypertension, type 2 diabetes, and Parkinson’s Disease.

Diabetes Education Clinic

February 2015

- Served as primary preceptor for 1 APPE student
- Developed the schedule for the month including a pre-test/post-test, topic discussions, and final. All activities were tailored based upon the student’s future as a community pharmacist. Modeled, coached, and facilitated student in patient interviewing and diabetes management.

Anticoagulation Clinic

January 2015

- Co-precepted 1 APPE student
- Facilitated topic discussion on appropriate anticoagulation methods in genetic hypercoagulability disorders

PROFESSIONAL SERVICE

Medication Safety Presentation for Foster Care Parents

April 2016

Union Public School Asthma Workshop for Nurses

January 2016

Patient Counseling Competition Standardized Patient and Evaluator

November 2015

Union Public School Asthma Workshop for Coaches

October 2015

-Professional Service Continued-

ASHP Local Clinical Skills Competition Judge	October 2015
Preceptor for Bone Density and Osteoporosis Screening Union Public Schools Health Fair	October 2015
P4 Seminar: Residency Panel Contributor	September 2015
P4 Seminar: Mock Interviews	September 2015
Morton Asthma Clinic Workshop	August 2015
University of Oklahoma College of Pharmacy - Assessment Committee	July 2015 - present
James H. Quillen VA Medical Center- Education Committee	July 2014 - June 2015

COMMUNITY SERVICE

Café team member The Gathering Tulsa, OK	August 2015 – June 2016
Community Group Co-leader Heritage Baptist Church Johnson City, TN	August 2014 - June 2015

MEMBERSHIPS

Rho Chi Honor Society	2012 - present
American Society of Health-System Pharmacists (ASHP)	2010 - present
American Pharmacist Association (APhA)	2010 – present
Christian Pharmacist Fellowship International (CPFI)	2010 - present

HONORS AND AWARDS

Merck Award, East Tennessee State University, 2014
Phi Kappa Phi Honor Society, East Tennessee State University, 2013 - 2014
Study Abroad PLUS Scholarship, East Tennessee State University, 2013
Rho Chi Honor Society, Bill Gatton College of Pharmacy (ETSU), 2012 - 2014
Dean's List (all semesters), Bill Gatton College of Pharmacy (ETSU), 2010 – 2014

REFERENCES

Available upon request.