

# Elizabeth A. Brooks

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## Education

<b>Doctor of Pharmacy</b> Samford University-McWhorter School of Pharmacy Birmingham, Alabama	August 2017 – May 2021
<b>Bachelor of Science in Pharmacy Studies</b> Samford University Birmingham, Alabama	August 2017 - May 2019
<b>Bachelor of Science in Biology</b> Georgetown College Georgetown, Kentucky	August 2013 - May 2017

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## Professional Experiences

<b>Post Graduate Year One Pharmacy Resident</b> Supervisor: Sebastian Skordallos Central Alabama Veterans Health Care System	January 2022-Present
<b>Market Pharmacist</b> Walgreens District 179 Bowling Green, Kentucky	August 2021-January 2022
<b>Graduate Intern</b> Walgreens Store #13815 Bowling Green, Kentucky	May 2021-August 2021

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## Licenses/Certifications

<b>Resident Teaching and Learning Program</b> Auburn University Harrison College of Pharmacy, Auburn, Alabama	January 2022-Present
<b>Kentucky Board of Pharmacy Pharmacist License</b> License Number: 022258	August 2021- Present
<b>Cardiopulmonary Resuscitation, Basic Life Support Certificate</b>	August 2021 - Present
<b>Medication Therapy Management Certificate Program</b> <i>American Pharmacist Association</i>	August 2019 - Present
<b>Pharmacy-Based Immunization Delivery Certificate Program</b> <i>American Pharmacist Association</i>	August 2018 - Present

## **PGY1- Residency Experiences**

*Central Alabama Veterans Health Care System*

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### **Academic Detailing**

*Preceptors: Morgan Moulton, PharmD*

*Planned December 2022-January 2023*

### **Pain Management**

*Preceptor: Mary Elizabeth O'Barr, PharmD*

*Planned November 2022-December 2022*

### **Ambulatory Care III**

*Preceptor: Jacqueline Waller, PharmD, BCPS and Shannon Bear, PharmD, BCPS*

*Ongoing October 2022- November 2022*

### **Anticoagulation**

*Preceptor: Jennifer Cook, PharmD*

*August 2022-September 2022*

- Conducted initial and follow up visits for warfarin and DOAC therapies
- Counseled on appropriate periprocedural interruption and bridging of anticoagulation therapies
- Assessed appropriate dosing of DOAC and warfarin therapies by monitoring kidney function, lab results, and signs of bleeding or thrombosis
- Ordered appropriate labs to ensure safety of anticoagulation use
- Utilized a high-risk drug monitoring dashboard to monitor and assess notable labs, nonadherence, drug interactions, and overdue labs

### **Ambulatory Care II**

*Preceptor: Cassidy Moses, PharmD*

*July 2022-August 2022*

- Managed an ambulatory clinic by conducting phone, face to face, and video appointments
- Managed and completed consultations for diabetes, hyperlipidemia, and hypertension management
- Assessed CGM data and adjusted medication regimens as needed
- Ordered medications and labs for necessary medication management

## ***PGY1- Residency Experiences (Continued)***

### **Psych I**

June 2022-July 2022

*Preceptor: Eileen Sordo, PharmD, BCPP and Kelley Trent, PharmD, BCPP*

- Conducted follow-up and initial patient visits and made therapeutic recommendations such as converting patients to long-acting injectable antipsychotics, making dose changes, and initiating medications
- Wrote and published a newsletter article on smoking cessation for patients in the domiciliary/MHRRTP program.
- Taught a sleep hygiene and pain class to patients in the high intensity psychiatric unit
- Performed medication admission and discharge reconciliations and counseled patients who were in the domiciliary and high-intensity psychiatry units
- Reviewed patient urine drug toxicology screenings and made recommendations as appropriate for outpatient mental health

### **Community Living Center/Home Based Primary Care**

May 2022-June 2022

*Preceptors: Alicia Crawford, PharmD, BCGP and Crystal Wood PharmD, BCACP*

- Performed comprehensive medication assessments for patients in both HBPC and CLC
- Provided patient-specific recommendations regarding medication dosing and monitoring
- Participated in antipsychotic interdisciplinary meetings to offer patient-specific recommendations
- Managed patients taking warfarin to assess and adjust INRs and warfarin dosing regimens

### **Ambulatory Care I**

April 2022-May 2022

*Preceptor: Morgan Moulton, PharmD*

- Educated Veterans on continuous glucose monitoring systems and proper use of GLP-1 RA pens.
- Conducted patient visits and developed evidence-based and patient-specific care plans for diabetes, hypertension, smoking cessation, & mental health disease states via phone, video, or face-to-face interactions
- Formulated and submitted non-formulary drug requests

## ***PGY1- Residency Experiences (Continued)***

### **Internal Medicine**

March 2022-April 2022

*Preceptors: Hope Allen, PharmD and Perry Thomas, PharmD*

- Performed discharge medication reconciliations, processed new outpatient prescriptions, and counseled patients on discharge medications
- Referred patients for alcohol or smoking cessation, if appropriate
- Monitored anticoagulation and antimicrobial medications and made dose adjustment recommendations based on renal function, bleeding status, and status of other disease states and ordered labs as appropriate
- Triageed phone calls from floor healthcare staff to help with Pyxis machine drawer failures, account passwords, missing medications, and therapeutic drug recommendations
- Conducted vancomycin pharmacokinetic consults

### **Longitudinal Interprofessional Mental Health**

January 2022-Present

*Preceptors: Eileen Sordo, PharmD, BCPP; Mary Elizabeth, O'Barr, PharmD*

- Utilized an antidepressant medication management monitoring dashboard to identify patients with low medication adherence and contacted patients to offer assistance with medication therapy
- Utilized a psychotropic drug safety monitoring dashboard to identify patients who may benefit from medication taper or discontinuation
- Monitored dashboard to call patients taking lithium for counseling and ordered updated pertinent labs
- Attended and participated in meetings to make opioid risk mitigation strategy recommendations for patients at high risk of overdose or suicide
- Called with documented substance use disorder to assess interest in a prescription for naloxone nasal spray.

## ***PGY1- Residency Experiences (Continued)***

### **Longitudinal Professional Projects, Presentations, and Literature Evaluation**

January 2022-Present

*Preceptors: Morgan Fisher, PharmD; Amber Cardoza, PharmD, BCACP; & Cassidy Moses, PharmD*

- Designed and implemented a quality improvement project regarding clinical pharmacy practitioner's role increasing HIV PrEP in the primary care setting.
- Conducted and presented journal article review on the Multi-center retrospective study evaluating the efficacy and safety of apixaban vs warfarin for treatment of VTE in patients with severe obesity.
- Developed a medication use evaluation poster evaluating the appropriateness of opioid monitoring before and after the requirement of a controlled substance prescribing template.
- Presented to the residency advisory board regarding medication use evaluation and quality improvement project proposals

### **Longitudinal Practice Management and Drug Information**

January 2022-Present

*Preceptor: Lynsey Neighbors, PharmD, BCPS*

- Compiled and presented inpatient discharge counseling report for two campuses to P&T committee
- Compiled and presented anticoagulation safety and bleeding events report to P&T committee
- Designed a local drug monograph and criteria-for-use document for Daridorexant (Quviviq)
- Completed meeting minutes for pharmacy and therapeutics and clinical pharmacy monthly meetings
- Reviewed and documented Veterans Affairs Adverse Drug Events Reporting System submissions
- Compiled and presented the Adverse Drug Events report to the P&T committee
- Compiled monthly journal scans of various healthcare journal articles and provided a summary to pharmacy staff

***PGY1- Residency Experiences (Continued)***

**Longitudinal Pharmacy Service Inpatient Staffing**

January 2022-Present

Preceptor: Merideth Hope Allen, PharmD and Perry Thomas, PharmD

- Performed discharge medication reconciliations, processed new outpatient prescriptions, and counseled patients on discharge medications
- Referred patients for alcohol or smoking cessation, if appropriate
- Monitor anticoagulation and antibiotic therapy and make dosing recommendations
- Triage phone calls from floor healthcare staff
- Monitor Veteran’s medications for appropriate renal dosing
- Conducted vancomycin pharmacokinetic consults
- Analyze and document weekly Pyxis discrepancy and override reports for multiple campuses to ensure appropriate medication stock and correct medication administration

**Orientation**

January 2022-February 2022

Preceptor: Autumn Gordon, PharmD, BCPS, BCGP

- Participated in new employee orientation meetings
- Trained on various pharmacy tasks including inpatient staffing, outpatient duties, and clinical monitoring

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**Advanced Pharmacy Practice Experiences- 5 weeks**

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**Ambulatory Care I**

February 2021 - March 2021

Tuscaloosa VA Medical Center, Tuscaloosa, AL

Preceptor: Dr. Whitney White PharmD, BCPS

**Cardiology**

January 2021 - February 2021

Vanderbilt University Medical Center, Nashville, TN

Preceptor: Dr. Robert Tunney PharmD, BCPS

**Institutional Pharmacy I**

November 2020 - December 2020

Children’s of Alabama, Birmingham, AL

Preceptor: Dr. Brenda Denson PharmD, BCPPS, FASHP, FAISHP

**General Medicine II**

September 2020 - October 2020

Shelby Baptist Medical Center, Alabaster, AL

Preceptor: Dr. Melanie Manis PharmD, BCPS

***Advanced Pharmacy Practice Experiences- 5 weeks (Continued)***

**General Medicine I**

August 2020 - September 2020

Accession Sacred Heart Hospital Pensacola, FL  
Preceptor: Dr. Glenn Grantner PharmD, BCPS

**Emergency Medicine**

July 2020 - August 2020

Grandview Medical Center Birmingham, AL  
Preceptor: Dr. Michael Thomas PharmD, BCPS, FCCP

**Geriatric Pharmacy I**

June 2020 - July 2020

Senior Care Pharmacy, Inc. Northport, AL  
Preceptor: Dr. Carrie Kreps PharmD, BCGP, FASCP

**Community Practice I**

May 2020 - June 2020

Sheldon's Express Pharmacy, Bowling Green, KY  
Preceptor: Dr. Ryan Sheldon PharmD

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**Research Experience**

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***Improving access to HIV PrEP therapies through Clinical Pharmacist Specialists' Intervention***

May 2022-Present

Central Alabama Veterans Health Care System  
Mentors: Shannon Bear, PharmD, BCPS, Amber Cardoza, PharmD, BCACP, Spencer Durham, Pharm.D., BCPS, BCIDP

February 2022-April 2022

***Evaluation of Appropriate Monitoring of Opioids After Implementation of a Controlled Substance Prescribing note***

Central Alabama Veterans Health Care System  
Mentors: Cassidy Moses, PharmD and Mary Elizabeth O'Barr, PharmD

May 2020 - November 2020

***Validation of a Medication Appropriateness Index for Evaluating DOAC Prescribing Upon Hospital Discharge in Atrial Fibrillation***

Samford University Birmingham, AL  
Mentor: Dr. Melanie Manis PharmD, BCPS

***BPA in Water Sources in Birmingham, Alabama: A field analysis combined with in-vitro cellular assays***

May 2015 - August 2015

Samford University REU-McWhorter School of Pharmacy  
Mentor: Dr. Deborah Burks

## Awards/Honors

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### **McWhorter School of Pharmacy:**

McWhorter School of Pharmacy Dean's List	May 2020, December 2019, May 2019, December 2017
Kappa Psi Pharmaceutical Fraternity Scholarship Honors	May 2020, May 2019
Samford APhA-ASP 2019-2020 P3 Member of the Year	March 2020
Samford APhA-ASP 2019-2020 IPSF Member of the Year	March 2020
Samford APhA-ASP 2019-2020 Professionalism Award	March 2020
Samford APhA-ASP Chapter P3 Member of the Month	October 2020
McWhorter School of Pharmacy Scholarship	August 2017-May 2020

## Professional Involvement and Leadership

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American Society of Health Systems Pharmacist	May 2021- Present
American Pharmacist Association	May 2021- Present
Kappa Psi Pharmaceutical Fraternity <ul style="list-style-type: none"><li>Secretary (March 2019-May 2020)</li></ul>	January 2019 – Present
Student Society Health-System Pharmacy	August 2018 – May 2021
McWhorter School of Pharmacy Ambassador	March 2018 – May 2020
American Pharmacists Association (APhA-ASP) <ul style="list-style-type: none"><li>Generation RX Committee Member (2018-May 2020)</li><li>International Public Health Committee Member (2018-May 2020)</li></ul>	August 2017 – May 2021
National Community Pharmacist Association (NCPA)	August 2017 - May 2018



## Professional Meetings Attended/Professional Development

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Southeast Residency Conference <i>Virtual</i>	April 2022
American Society of Health-System Pharmacists Midyear Meeting and Residency Showcase <i>Virtual</i>	December 2020
Alabama Society of Health-System Pharmacists Residency Showcase <i>Virtual</i>	November 2020
Alabama Society of Health-System Pharmacists Clinical Meeting <i>Birmingham, AL</i>	November 2020
American Society of Health-System Pharmacists Local Clinical Skills Competition Participant <i>Samford University</i>	October 2020
Kappa Psi Gulf Coast Province Winter Assembly <i>Little Rock, AR</i>	January 2020
American Pharmacist Association-Academy of Student Pharmacists Midyear Region 3 Meeting <i>Atlanta, GA</i>	October 2020
American Society of Health-System Pharmacists Clinical Skills Competition Participant <i>Samford University</i>	October 2019

## Publications/Presentations

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### *Publications:*

Sullivan A, <b>Brooks B</b> , Benner K. Medications and Miles: Is Iron Slowing You Down, Birmingham Track Club: The Vulcan Runner.2019;(5):e6	May 2019
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### *Presentations:*

<b>Improving Access to HIV PrEP Therapies Through Clinical Pharmacist Specialists' Intervention</b> ASHP Midyear Poster Session Mentors: Amber Cardoza, PharmD, BCPS; Shannon Bear, PharmD, BCPS; Spencer Durham, PharmD, BCPS, BCIDP; Ashley Trammell, PharmD	Planned December 2022
<b>Insomnia CE presentation</b> Central Alabama Veterans Health Care System	Planned November 2022

### ***Publications/Presentations (Continued)***

<b>Prepping for PrEP: A Guide to Expanding Access to HIV PrEP Therapies</b> VISN 7 Resident Education Series CE	Planned October 2022
<b><i>Evaluation of Appropriate Monitoring of Opioids After Implementation of a Controlled Substance Prescribing note</i></b> Southeast Residency Conference Mentors: Cassidy Moses, PharmD and Mary Elizabeth O'Barr, PharmD	April 2022
<b><i>Evaluation of Appropriate Monitoring of Opioids After Implementation of a Controlled Substance Prescribing note</i></b> Alabama Residency Conference Mentors: Cassidy Moses, PharmD and Mary Elizabeth O'Barr, PharmD	April 2022
<b><i>Evaluation of Appropriate Monitoring of Opioids After Implementation of a Controlled Substance Prescribing note</i></b> Veterans Affairs and Indian Health Services Residency Poster Session, Virtual Mentors: Cassidy Moses, PharmD and Mary Elizabeth O'Barr, PharmD	March 2022
<b><i>Validation of a Medication Appropriateness Index for Evaluating DOAC Prescribing Upon Hospital Discharge in Atrial Fibrillation</i></b> Samford University Birmingham, AL Mentor: Dr. Melanie Manis PharmD, BCPS	December 2020
<b>CE Development: Itching, Swelling &amp; Nausea, Oh my: An overview of distinguishing drug allergies from common medication side effects</b> <i>Escambia County Pharmacist Association</i> Preceptor: Dr. Glenn Grantner PharmD, BCPS	November 2020

### **Professional and Community Service**

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End Heroin Birmingham Walk Volunteer- Narcan Training	March 2019, February 2020
APhA-ASP/Rho Chi/ Kappa Psi Vampire Cup Blood Drive	November 2019, April 2019, November 2018, April 2018, November 2017
Drug Take Back Day at Vestavia Police Department	October 2019, October 2018
Homewood Health and Safety Day	October 2018
Perry County Family Fun Day Health Fair	March 2018