

Katelyn Elizabeth Carswell

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Education

Doctor of Pharmacy

Auburn University Harrison College of Pharmacy in Auburn, Alabama

Anticipated May 2023

Bachelor of Biomedical Sciences

Auburn University in Auburn, Alabama

Awarded December 2020

Professional Experience

East Alabama Medical Center Pharmacy

Opelika, Alabama

Supervisor: Atresa Farmer, PharmD

April 2021 – May 2022

Pharmacy Technician

- Utilized Talyst AutoCarousel, RxStation, and Cerner to fill prescription and restock medications and supplies
- Assisted in training new technicians
- Trained in sterile and non-sterile compounding
- Assisted with the inventory management of prescription medications

Auburn University Employee and Student Pharmacy

Auburn, Alabama

Supervisor: Alison Baker, PharmD; Negaar Baadi, PharmD

August 2019 – May 2020

Floating Pharmacy Intern

- Utilized and restocked ScriptPro Vial Filling Robot daily
- Assisted in training new technicians and interns
- Evaluated patient profiles for duplicate therapy and drug interactions
- Assisted with the inventory management of prescription and over-the-counter medications
- Counseled patients on their prescription medications and answered any questions related to over-the-counter medications under supervision

Adams Drugs

Wetumpka, Alabama and Montgomery, Alabama

Supervisor: John Waters, PharmD

August 2019 – Present

Floating Pharmacy Intern

- Assisted in training new technicians and interns
- Evaluated patient profiles for duplicate therapy and drug interactions
- Counseled patients on their prescription medications and answered any questions related to over-the-counter medications under supervision
- Volunteered at a COVID-19 vaccination clinic in Montgomery, Alabama where I provided all services including screening, education, dose preparation, and administration
- Assisted with the inventory management of prescription and over-the-counter medications

Auburn University Employee and Student Pharmacy

Auburn, Alabama

Supervisor: Alison Baker, PharmD; Negaar Baadi, PharmD

October 2017 – July 2019

Floating Pharmacy Technician

Adams Drugs
Wetumpka, Alabama and Montgomery, Alabama
Supervisor: Carl Bledsoe, RPh

October 2015 – July 2019
Floating Pharmacy Technician

Licensure

Pharmacy Extern/Intern License
State of Georgia Board of Pharmacy

March 2021 – March 2026

Pharmacy Extern/Intern License
Alabama State Board of Pharmacy

August 2019 – November 2023

Pharmacy Technician License
Alabama State Board of Pharmacy

August 2016 – December 2019

Advanced Pharmacy Practice Experiences (APPEs)

Specialty Pharmacy and Bedside Delivery (5 weeks)
Walgreens at Grandview Medical Center in Birmingham, Alabama
Preceptor: Seth Ary, PharmD

February 13 – March 17, 2023

Interdisciplinary Ambulatory Care (5 weeks)
Continuity Clinic Princeton Baptist Medical Center in Birmingham, Alabama
Preceptor: Kristi Kelley, PharmD, FCCP, BCPS, BCACP, CDCES, BC-ADM

January 3 – February 3, 2023

Medicine (5 weeks)
DCH Regional Medical Center in Tuscaloosa, Alabama
Preceptor: Marilyn Bulloch, PharmD, BCPS, FCCM

November 14 – December 16, 2022

- Provided independently formed assessments and recommendations to the interdisciplinary team during patient rounds on the general medicine floor and intensive care units
- Independently led medication-centered patient interviews to obtain medication histories, perform medication reconciliation, and provide patient counseling followed by communicating recommendations to the care team
- Engaged in interprofessional education lectures and topic discussions with medical students
- Participated in weekly discussions involving newly approved drugs
- Analyzed and presented pharmacy-related mainstream news articles
- Developed a Multistate Pharmacy Jurisprudence Examination (MPJE) study guide for third-year pharmacy students

Critical Care (5 weeks)
DCH Regional Medical Center in Tuscaloosa, Alabama
Preceptor: Alston Poellnitz, PharmD, BCPS, BCCCP

October 10 – November 11, 2022

- Assisted with medication management for an average of five patients each day and provided independently formed assessments and recommendations to the interdisciplinary team during patient rounds on the medical intensive care unit
- Assisted the pharmacist with dosing and managing vancomycin and warfarin for patients in the medical intensive care unit and documented in Meditech Expanse

- Participated in weekly topic discussions with my preceptor on topics related to the intensive care unit
- Performed medication reconciliations via patient and family interview and documented in Meditech Expanse

Inpatient Operations (5 weeks)

September 5 – October 7, 2022

University of Alabama in Birmingham, Alabama

Preceptor: Charlie Darling, PharmD, BCPS, BCCCP

- Observed Mckesson and 503B ordering
- Attended meetings on topics such as drug shortages, high alert medications, and adjustments to formulary medications
- Performed process mapping of operations
- Collaborated with pharmacists and pharmacy technicians to develop and implement a more efficient medication return process
- Communicated solutions to specific drug shortage concerns
- Observed pharmacy technician interviews

Critical Care (5 weeks)

August 1 – September 2, 2022

Princeton Baptist Medical Center in Birmingham, Alabama

Preceptor: Sarah Blackwell, PharmD, BCPS, BCCCP

- Presented weekly topic discussions relating to the intensive care unit to pharmacists, pharmacy residents, and pharmacy students
- Assisted with medication management for an average of six patients each day and provided independently formed assessments and recommendations to the interdisciplinary team during patient rounds on the medical intensive care unit and intensive care units
- Performed medication reconciliations via patient and family interview and documented in Epic
- Assisted the pharmacist and pharmacy residents with dosing and managing vancomycin for patients in the medical intensive care unit and documented notes in Epic

Medicine (5 weeks)

June 20 – July 22, 2022

Princeton Baptist Medical Center in Birmingham, Alabama

Preceptor: Jessica Starr, PharmD, FCCP, BCPS

- Independently led medication-centered patient interviews to obtain medication histories, perform medication reconciliation, and provide patient counseling followed by communicating recommendations to the care team
- Provided independently formed assessments and recommendations to the interdisciplinary team during patient rounds on the general medicine floor and intensive care units
- Assisted the pharmacist and pharmacy residents with dosing and managing vancomycin for patients in the medical intensive care unit and general medicine floor and documented notes in Epic

Medicine (5 weeks)

May 16 – June 17, 2022

DCH Regional Medical Center in Tuscaloosa, Alabama

Preceptor: Doug Carroll, PharmD, BCPS

- Provided independently formed assessments and recommendations to the interdisciplinary team during patient rounds on the general medicine floor and intensive care units
- Engaged in interprofessional education lectures with medical residents and students

- Participated in topic discussions with my preceptor and other pharmacy students

Introductory Pharmacy Practice Experiences (IPPEs)

Institutional Rotation (80 hours)

July 12 – July 23, 2021

Piedmont Columbus Regional Northside in Columbus, Georgia

Preceptor: Judith Hill, PharmD

- Worked with fourth year pharmacy students to complete pharmacokinetic and anticoagulation counseling, taking into consideration drug interactions, microbiology, and laboratory results
- Communicated answers to drug information questions to pharmacists
- Performed sterile and non-sterile compounding

Interdisciplinary Ambulatory Care (40 hours)

May 17 – May 21, 2021

Continuity Clinic Princeton Baptist Medical Center in Birmingham, Alabama

Preceptor: Kristi Kelley, PharmD, FCCP, BCPS, BCACP, CDCES, BC-ADM

- Worked with an interdisciplinary health care team to optimize patient's drug therapy outcomes
- Assisted in providing patient care through prospective and retrospective drug review, drug monitoring, patient interviewing, counseling, and interprofessional interactions

Population Health (10 hours)

January 2021 – March 2021

Auburn University Harrison College of Pharmacy in Auburn, Alabama

Preceptor: Courtney Gamston, ScM, PharmD, BCPS

- Reviewed two to three patient charts from the Tuscaloosa Veteran Affairs (VA) medical center each week to identify candidates for vaccines
- Conducted phone calls to patients after chart review to schedule appointments for vaccines

Health and Wellness Rotation (40 hours)

September 28 – October 2, 2020

Walgreens Pharmacy in Phenix City, Alabama

Preceptor: Cassidy Sims, PharmD

Description:

- Utilized current immunization guidelines and schedules to recommend vaccine to patients based on age and concomitant medical conditions
- Immunized patients with vaccines including influenza, pneumonia, and shingles
- Performed health screenings for blood pressure, blood glucose, and immunization review
- Counseled patients and referred to primary care physician when applicable

Community Rotation (3 weeks)

July 6 – July 24, 2020

Lakeshore Pharmacy in Dadeville, Alabama

Preceptor: Aubrey Newsome, PharmD

- Dispensed and counseled patients on Naloxone
- Counseled patients on their medications and answered any questions related to over-the-counter medications under supervision
- Communicated with physicians concerning prescription errors, clarification, and refills

Student Experiences in Pharmacy Services

August 2019 – December 2019

Auburn University Harrison College of Pharmacy in Auburn, Alabama

Preceptor: Megan Roberts, PharmD

- Visited the homes of two patients biweekly to assess vitals and discuss medication concerns
- Participated in discussions with faculty and other pharmacy students to identify areas of optimization for each patient's medication regimen

Professional and Poster Presentations

Hattaway Q, Starr K, Pinner N, **Carswell K**, Jackson C. *Direct oral anticoagulants for the treatment of venous thromboembolism in obesity*. American Society of Health-Systems Pharmacists Midyear Clinical Meeting. Las Vegas, NV. December 2022.

Carswell, K. *Combination of norepinephrine with phenylephrine versus norepinephrine with vasopressin in critically ill patients with septic shock*. Journal Club Presentation for clinical pharmacists and APPE students at DCH Regional Medical Center. Tuscaloosa, AL. November 2022.

Carswell, K. *Acetazolamide in acute decompensated heart failure with volume overload*. Journal Club Presentation for clinical pharmacists, pharmacy residents, and APPE students at DCH Regional Medical Center. Tuscaloosa, AL. November 2022.

Carswell K. *Role of oral anticoagulation in the treatment of antiphospholipid syndrome*. Formal Patient Presentation for clinical pharmacists, pharmacy residents, and APPE students at Princeton Baptist Medical Center. Birmingham, AL. August 2022.

Carswell K. *Hypothermia vs normothermia after out-of-hospital cardiac arrest*. Inservice Presentation for clinical pharmacists and nurses on the medical intensive care unit in Princeton Baptist Medical Center. Birmingham, AL. August 2022.

Carswell K. *Role of bempedoic acid in the treatment of hyperlipidemia*. Formal Patient Presentation for clinical pharmacists, pharmacy residents, and APPE students at Princeton Baptist Medical Center. Birmingham, AL. July 2022.

Research

Direct Oral Anticoagulants for the Treatment of Venous Thromboembolism in Obesity

October 2022 – Present

Mentors: Jessica Starr, PharmD, FCCP, BCPS; Nathan Pinner, Pharm D, BCPS; Quinn Hattaway, Pharm D
Princeton Baptist Medical Center – Birmingham, AL

Student Researcher

IRB Submission and Data Collection

Medication Distribution in an Uninsured Population

July 2021 – August 2022

Mentor: Jeanna Sewell, PharmD, BCACP

Mercy Medical Clinic – Auburn, AL

Student Researcher

IRB Submission, Data Collection, and Analysis

Publications

Carswell K, Reese V, Wilson D, Bulloch M. *Side effects you may not know, but should*. Submitted to Pharmacy Times.

Teaching Experiences

Medication Safety

November 2022

- Devolved and presented five thirty-minute sessions to discuss medication safety tailored to students in kindergarten to fifth grade at the Warrior Elementary School in Birmingham, Alabama
- Led discussions on topics related to prescription and over-the-counter medications, safe medication use, good vs bad drugs, and the role of a pharmacist

Health and Wellness

April 2022

- Created and presented a one-hour session to promote health and wellness in students at the Yarborough Elementary School in Auburn, Alabama
- Led discussions on topics related to physical activity, balancing healthy meals, and played a game where students estimated how many grams of sugar were in candy and drinks

Village Committee Topic Discussions

January 2022 – April 2022

- Developed and presented two one-hour sessions to promote professional development among first-, second-, and third-year pharmacy students
- Led discussions on topics including health literacy, medically underserved areas, health equity, and patient assistance programs

Professional Membership

Phi Lambda Sigma Society

2022 – Present

University Fighting World Hunger

2021 – 2022

Equal Access Auburn

2021 – 2022

- **Equal Assess Birmingham Clinic** (November 2021)
 - A student-run free clinic that serves the uninsured and underinsured population in Birmingham, Alabama where pharmacy students rounded with medical students to review patients' medication history, discussed drug interactions and side effects, and answered any questions that were pharmacy related

American Society of Health-System Pharmacists

2021 – Present

National Community Pharmacists Association

2019 – Present

- **Drafts on the Tracts Advocacy Event** (March 2020, 2021, 2022)
 - Engaged with state legislators about important bills in legislation
- **Drug Take Back Day** (October 2019, 2020, 2021)
 - Collected expired, unused, or unwanted medications
 - Educated the public about potential for abuse of medications
 - Performed blood pressure and blood glucose screenings

Alabama Society of Health-System Pharmacists 2019 – Present

Auburn University Student Society of Health-System Pharmacy 2019 – Present

- **Be Well Hut** (March 2020)
 - Peer Health Outreach Program to encourage healthy living where pharmacy students facilitated discussion on the importance of sleep to undergraduate students at Auburn

Alabama Pharmacy Association 2019 – Present

Professional Leadership

National Community Pharmacists Association

- **Auburn Chapter Vice President** 2021 – 2022
 - Planned and partnered with a local independent pharmacy to host Drug Take Back Day in the Fall
 - Promoted Drug Take Back Day via a local newspaper, WANI radio station, and Facebook
 - Organized a health fair that included blood pressure and blood glucose screenings
 - Assisted the President and other officers with any tasks for meetings or events
- **Auburn Chapter Legislative Chair** 2020 – 2021
 - Planned Drafts on the Tracks at the Harrison College of Pharmacy where pharmacy students have the opportunity to advocate for the field of pharmacy with legislators in the state of Alabama
- **Auburn Chapter Legislative Committee** 2019 –2020
 - Worked with the Legislative Chair to plan and partner with a local company to host Drafts on the Tracks which is an advocacy event for pharmacy students to have an opportunity to advocate for the field of pharmacy with legislators in the state of Alabama

Early Assurance Program Student Mentor 2021 – 2022

- Coordinated regular meetings with high school seniors and undergraduate students who received early, conditional acceptance to the Harrison College of Pharmacy PharmD program
- Co-facilitated a discussion on the life of a pharmacy student and success strategies for undergraduate studies

Village Student Facilitator 2021 – 2022

- Coordinated five one-hour meetings during the fall and spring semesters to promote professional development among first-, second-, and third-year pharmacy students
- Mentored students on topics including study skills, test taking, and extracurricular involvement

Harrison College of Pharmacy Ambassador 2020 – Present

- Represented the Harrison College of Pharmacy by interacting with alumni, prospective students, and stakeholders at the Harrison College of Pharmacy and Auburn University events
- Hosted tours of the Walker Building in Auburn for prospective students and families

Student Orientation Leader August 2020

- Worked within a group of student leaders to execute a one-hour session at a first-year student orientation called “A Day in the Life of a Student Pharmacist”

- Co-facilitated a conversation with an assigned group of ten first-year students and other student leaders on student life at the Harrison College of Pharmacy and Auburn University

Harrison College of Pharmacy Admissions Committee 2020 – 2022

- Hosted prospective students during weekly on-campus admissions interviews in Auburn
- Interviewed individual students with a faculty member and scored each interview domain
- Made a recommendation for acceptance or deferral of individual candidates into the Practice-Ready Curriculum

Professional Development

American Society of Health-System Pharmacists Midyear Clinical Meeting December 2022
Las Vegas, NV

70th Annual Alabama Society of Health-System Pharmacists Clinical Meeting November 2022
Prattville, AL

141st Alabama Pharmacy Association Annual Convention and Trade Show June 2022
Gulf Shores, AL

Alabama Pharmacy Association Student Legislative Luncheon March 2022
Montgomery, AL

Alabama Pharmacy Association Legislative Reception February 2022
Montgomery, AL

69th Annual Alabama Society of Health-System Pharmacists Clinical Meeting November 2021
Virtual

National Community Pharmacists Association Annual Convention October 2020
Virtual

Other Professional Service

Mental Health Fair March 2022
American Association of Psychiatric Pharmacists March 2021

- Performed PHQ-9 and Beck Anxiety screenings and interpreted results

COVID-19 Vaccination Clinic February 2021
Auburn University Pharmaceutical Care Center in Auburn, Alabama

- Provided all services including screening, education, dose preparation, and administration

Professional Awards and Honors

Latham and Moore Family Annual Scholarship July 2022

National Community Pharmacists Association Foundation Presidential Scholarship June 2022

Alabama Pharmacy Association Self-Care Challenge Champion	June 2022
<ul style="list-style-type: none"> Auburn University Mini Self-Care Challenge Team 	
Pharmacists Mutual Scholarship	March 2022
Third-Year Pharmacy Student Curriculum Recognition for Leadership	November 2021
<ul style="list-style-type: none"> For Excellence and Involvement in Student Organizations 	
Harrison College of Pharmacy Annual Scholarship	August 2020
Auburn University Achievement Scholarship	August 2019

Certifications

HIPAA Privacy Training	April 2021
Therapeutic Research Center	
Blood Borne Pathogen Training	April 2021
Therapeutic Research Center	
Basic Life Support for Healthcare Providers	March 2021 – Present
American Heart Association	
QPR Suicide Prevention Gatekeeper Certification	February 2021
Question, Persuade, and Refer Institute	
Pharmacy-Based Immunization Delivery Certification	August 2020
American Pharmacist Association	
HIPAA and Human Subjects Research Training	August 2020 – Present
Collaborative Institutional Training Initiative (CITI Program)	
Institutional Review Board Health Sciences Emphasis	August 2020 – Present
Collaborative Institutional Training Initiative (CITI Program)	
Naloxone Training Certification	November 2019
American Association of Psychiatric Pharmacists	

References

References are available upon request.