

SAVANNAH JORDAN POST

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Berry College
Department of Chemistry and Biochemistry
McAllister Hall 304B

EDUCATION

Emory University: Atlanta, GA PhD. in Organic Chemistry	2017-2022
Berry College: Mount Berry, GA B.S. in Biochemistry with ACS Certification <i>Summa Cum Laude</i>	2013-2017

PROFESSIONAL EXPERIENCE

Berry College: Mount Berry, GA Assistant Professor of Chemistry	2023-present
Coastal Carolina University: Conway, SC Assistant Professor of Chemistry	2022-2023
Emory University: Atlanta, GA Graduate Researcher – Department of Chemistry Advisor: Prof. William Wuest	2017-2022
Emory University: Atlanta, GA Advanced Graduate Teaching Fellow – Chemical Education Research Advisor: Dr. Kate McNelly	2020-2022
Emory University: Atlanta, GA Graduate Assistant - Center for Faculty Development and Excellence	2020-2021
Berry College: Mount Berry, GA Undergraduate Researcher – Department of Chemistry Advisor: Assoc. Prof. Mark Turlington	2014-2017

TEACHING EXPERIENCE

Berry College: Mount Berry, GA Instructor of Record – Courses: <ul style="list-style-type: none">- CHM 221 (Organic Chemistry I)- CHM 221L (Organic Chemistry I Lab)- CHM 222 (Organic Chemistry II)- CHM 222L (Organic Chemistry II Lab)- CHM 223L (Organic Chm / Life Sciences I Lab)- CHM 224L (Organic Chm / Life Sciences II Lab)	2023-present
Coastal Carolina University: Conway, SC Instructor of Record – Courses: <ul style="list-style-type: none">- CHEM 331 (General Organic Chemistry I)- CHEM 331L (General Organic Chemistry I Laboratory)- CHEM 332 (General Organic Chemistry II)- CHEM 332L (General Organic Chemistry II Laboratory)	2022-2023
Emory University: Atlanta, GA Instructor of Record – CHEM 202 (Principles of Reactivity) Course Development – CHEM 204L (Macromolecules Laboratory) Graduate TA – CHEM 221L & 222L (Organic Chemistry I & II Laboratory)	Spring 2022 Fall 2020 Fall 2017, Spring 2018
Berry College: Mount Berry, GA Undergraduate TA – Organic Chemistry II Laboratory	Summer 2015

AWARDS AND HONORS

Dean's Teaching Fellowship Emory University	2020
Advanced Graduate Teaching Fellowship Emory University	2020
Graduate Research Fellowship National Science Foundation	2019
Phi Kappa Phi Honor Society National Chapter	2016
Richards Scholarship (awarded for excellence in research) Berry College – Mount Berry, GA	2015
Chemistry Departmental Scholarships Berry College – Mount Berry, GA	2015-2017
Dean's List Berry College – Mount Berry, GA	2013-2017
Dean's Scholarship Berry College – Mount Berry, GA	2013-2017

PUBLICATIONS

- Golden, M. M.; Siddiqui, S.; Ohanaja, V.; **Post, S. J.**; Wuest, W. M.* "Vancomycin Sensitization in *Pseudomonas aeruginosa* is Contingent on Limited Metabolic Flux." *ACS Infect. Dis.* **2025**, *11*(8), 2169–2177.
- Shapiro, J. A.; **Post, S. J.**; Smith, G. C.; Wuest, W. M.* "Total Synthesis of the Reported Structure of Cahuitamycin A: Insights into an Elusive Natural Product Scaffold." *Org. Lett.* **2023**, *25*(51), 9243–9248.
- Golden, M. M.; **Post, S. J.**; Rivera, R. Wuest, W. M.* "Investigating the Role of Metabolism for Antibiotic Combination Therapies in *Pseudomonas aeruginosa*." *ACS Infect. Dis.* **2023**, *9*(12), 2386-2393.
- Michaud, M. E.; Allen, R. A.; Morrison, K. R.; Minbiole, K. P. C.;* **Post, S. J.*** Wuest, W. M.* "Quaternary phosphonium compound unveiled as potent disinfectant against highly resistant *Acinetobacter baumannii* clinical isolates." *ACS Infectious Disease*. **2022**, *8*(11), 2307-2314.
- Jolly, C.; Kochanowski, E.; Dodd, C.; **Post, S.**; Hill, H.; Turlington, M.* "Diastereoselective Synthesis of Terminal Bromo-Substituted Propargylamines via Generation of Lithium Bromoacetylide and Addition to Chiral *N-tert*-Butanesulfinyl Aldimines." *J. Org. Chem.* **2021**, *86*, 2667-2681.
- Sommers, K. J.; Bentley, B. S.; Carden, R. G.; **Post, S. J.**; Allen, R. A.; Kontos, R. C.; Black, J. W.; Wuest, W. M.*; Minbiole, K. P. C.* "Metallocene QACs: The Incorporation of Ferrocene Moieties into monoQAC and bisQAC Structures." *ChemMedChem*. **2020**, *16*, 467-471.
- Post, S. J.**‡; Keohane, C. E.‡; Rossiter, L. M.; Kaplan, A. R.; Khowsathit, J.; Karanickolas, J.; Wuest, W. M.* "Target-based design of promysalin analogs identifies a new putative binding cleft in succinate dehydrogenase." *ACS Infectious Disease*. **2020**, *6*, 1372-1377.
- Post, S. J.**; Shapiro, J. A.; Wuest, W. M.* "Connecting iron acquisition and biofilm formation in the ESKAPE pathogens as a strategy for combatting antibiotic resistance." *MedChemComm*. **2019**, *10*, 505-512.
- Doiron, J. E.; Le, C. A.; Ody, B. K.; Brace, J. B; **Post, S. J.**; Thacker, N. L.; Hill, H. M.; Breton, G. W.; Mulder, M. J.; Chang, S.; Bridges, T. M.; Tang, L.; Wang, W.; Rowe, S. M.; Aller, S. G.*; Turlington, M.* "Evaluation of 1,2,3-Triazoles as Amide Bioisosteres In Cystic Fibrosis Transmembrane Conductance Regulator Modulators VX-770 and VX-809." *Chem. Eur. J.* **2019**, *25*, 3662-3674.
- Jordan, S.**; Starks, S. A.; Whatley, M. F.; Turlington, M.* "Highly Stereoselective Synthesis of Terminal Chloro-Substituted Propargylamines and Further Functionalization." *Org. Lett.* **2015**, *17*, 4842-4845.

PRESENTATIONS AND PROFESSIONAL MEETINGS

Oral presentation:

ACS, Graduate Research Symposium – Albuquerque, NM <i>Total synthesis of the reported structure of cahuitamycin A and isomers</i>	2021
American Chemical Society, Southeastern Regional Meeting – Birmingham, AL <i>Promysalin analogs reveal new binding cleft in succinate dehydrogenase</i>	2021
American Chemical Society, Southeastern Regional Meeting – Birmingham, AL	2021

<i>Total synthesis of the reported structure of cahuitamycin A and isomers</i>	
American Chemical Society, National Meeting – Virtual	2021
<i>Total synthesis of the reported structure of cahuitamycin A and isomers</i>	
Haverford College, Invited Seminar – Virtual	2021
<i>Target Practice: Specific Drugs for Bad Bugs</i>	
Student Symposium on Scholarship – Mount Berry, GA	2017
<i>Progress towards evaluation of 1,2,3-triazole as an amide bioisostere in a VX-809 Analog</i>	
Poster presentation:	
American Chemical Society, National Meeting – Atlanta, GA	2021
<i>Promysalin analogs reveal new binding cleft in succinate dehydrogenase</i>	
Empowering Women in Organic Chemistry Annual Conference – Virtual	2021
<i>Promysalin analogs reveal new binding cleft in succinate dehydrogenase</i>	
Empowering Women in Organic Chemistry Annual Conference – Virtual	2020
<i>Total Synthesis of the Reported Structure of Cahuitamycin A</i>	
Southeastern and Greater Atlanta Chemical Biology Symposium – Savannah, GA	2019
<i>Synthesis and Biological Investigation of the Species-Specific Antibacterial (–)-Promysalin and Analogs</i>	
CF@LANTA Annual Symposium – Atlanta, GA	2019
<i>Synthesis and Biological Investigation of the Species-Specific Antibacterial (–)-Promysalin and Analogs</i>	
ICBS (International Chemical Biology Society) Emory 2019 Spring Event – Atlanta, GA	2019
<i>Synthesis and Biological Investigation of the Species-Specific Antibacterial (–)-Promysalin and Analogs</i>	
Cottrell Scholars Regional Meeting – Atlanta, GA	2019
<i>Synthesis and Biological Investigation of the Species-Specific Antibacterial (–)-Promysalin and Analogs</i>	
Southeast Regional Meeting of the American Chemical Society (SERMACS) – Columbia, SC	2016
<i>Progress towards evaluation of 1,2,3-triazole as an amide bioisostere in a VX-809 Analog</i>	
Student Symposium on Scholarship – Mount Berry, GA	2016
<i>Synthesis of Chiral Azetidines</i>	
Undergraduate Conference Presentations (Presenting Berry College students underlined):	
<u>Abigail Simpson</u> : Posters at the Capitol – Atlanta, GA	2025
<i>Synthesis and Biological Evaluation of Cystobactamid-507 Derivatives</i>	

MENTORING EXPERIENCE

Berry College Undergraduate Research Students:	2023-present
Caroline Ring, Gavin Brown, Abigail Simpson, Caleb Anderson, Alexandra Rampey, Carla Rodriguez, Brenden O’Sullivan, Kristina Clay, Mary Jenkins, Lois Ibeh, Addison Drinnon	
Emory University Graduate Research Students:	2020-2022
Martina Golden, Marina Michaud, Carter Brzezinski, Gavin Smith	
Emory University Undergraduate Research Students:	2019-2021
Renata Rivera	

SERVICE

College Service:	
NSF S-STEM Committee	2024-present
Council on Student Research Committee	2024-present
Institutional Review Board Committee	2024-present
Prehealth Committee	2025-present

PROFESSIONAL DEVELOPMENT

“Developmental Conversations” Workshop, Berry Center for Integrity in Leadership	2025
Participated in a hands-on workshop designed to provide practical strategies and skills to enhance practices in mentoring of students.	
Course Design Institute, Berry College CTEFD	2023, 2024, 2025
Attended a three-day program where Berry faculty and staff hosted workshops on a variety of topics to enhance teaching skills and practices. These included, but were not limited to: student engagement, teaching with AI, and alternative grading schemes.	
Center for the Integration of Research, Teaching and Learning (CIRTL) Online Course	2020

An Introduction to Evidence-Based Undergraduate STEM Teaching (letter of completion with distinction awarded for receiving an A in the course)	
Summer Teaching Intensive, Emory University	2018, 2020, 2021
Attended a two-day program where Emory faculty and staff hosted seminars on a variety of topics to enhance teaching skills and practices. These included, but were not limited to: inclusive pedagogy, hacks for science classes, and scaffolding writing assignments for student researchers.	
Led a seminar: The Ins & Outs of Interactive Lecturing	2021
BEST: Summer Leadership Program	2018
Participated in a two-day workshop hosted by Better Practice, a company that specializes in self-leadership principles and coaching. After completion of the program, we integrated these concepts into our lab to stimulate more effective collaborations.	
Atlanta Society of Mentors	2020-2022
International Chemical Biology Society	2018-2022
Pi Alpha Chemical Society – Emory Department Graduate Student Organization	2017-2022
American Chemical Society	2016-present

LEADERSHIP AND OUTREACH

Regional Science Olympiad Tournament	2025
“Forensics” Event Coordinator	
Judge for Local Science Fair	2024
Student Feedback for Faculty Hiring Counsel, Emory University	2020-2021
Member of a committee of graduate students who participated in interviews with new faculty candidates. Curated interview questions and rubrics for evaluating candidates on their commitment to teaching, mentorship, and DEI.	
Association for Women in Science	2017-2022
Treasurer, Emory University Chapter	2018-2021
Skype a Scientist	2018-2019
Research Symposium Mentor, Emory University	2017
Campus Outreach, Berry College	2013-2017
Leadership Team	2016-2017