

Elizabeth D. Trippe

105 College Station Rd Apt# C105A • Athens, GA 30605
(678) 622-7424 (C) • elizabeth.trippe25@uga.edu

EDUCATION HISTORY

MS, Chemical Biology, University of Illinois Urbana-Champaign, 2004 - 2006, GPA: 3.0/4.0
BS, Chemistry ACS certified, Kennesaw State University, 2000 - 2004, GPA: 3.8/4.0
International Baccalaureate Diploma, Norcross High School, 2000, GPA: 4.0/4.0

EMPLOYMENT HISTORY

6/14 – present **Graduate Research Assistant** **University of Georgia** **Athens, GA**

- funded through Technologies for Host Resilience (2016-2019) - Host Acute Models of Malaria to study Experimental Resilience (THoR's HAMMER), DARPA contract #W911NF-16-C-0008, 2016-2019.
- working with multi-omic data integration, and systems biology approaches to studying malaria

8/11 – 5/14 **Adjunct Chemistry Instructor** **Gwinnett Technical College** **Lawrenceville, GA**

- Delivered lectures and tutored for General Chemistry I and II classes and their accompanying laboratories
- Taught good lab practices, safety procedures and basic equipment/instrument usage skills

8/08 – 7/13 **Science and Math Tutor** **Total Learning Concepts, Inc.** **Lilburn, GA**

- Taught review/preparation classes for the SAT, Math/Science End of Course Tests and various AP tests
- Tutored Gwinnett County students in all levels (middle school, high school, college) in science and math courses including AP Chemistry, AP Biology, AP Physics, and AP Calculus

8/04 – 5/06 **Research/Teaching Assistant** **University of Illinois Urbana-Champaign** **Urbana, IL**

- Investigated the mechanism of non-ribosomal peptide formation and post-translational modifications in epothilones, which have been identified as potential chemotherapy drugs
- Research was undertaken on a custom-built 8.5 Tesla quadrupole tandem ESI mass spectrometry system

6/02 – 8/04 **Laboratory Assistant** **Kennesaw State University** **Kennesaw, GA**

- Prepared and assisted with student chemistry laboratory classes
- Responsible for setting up, maintaining and writing instructions for laboratory equipment and instruments including cryogenic maintenance

HONORS

- American Institute of Chemists Award 2004
- Kennesaw State University Deans List 2000 – 2004
- KSU Chemistry and Biochemistry Outstanding TA Award 2003
- PREP Award for Contributions to NASA Science and Math Bowl Competition 2003
- Home Depot Cashier of the Month Nov 2002
- United Artists Employee of the Month Feb 2000

AFFILIATIONS

- American Chemical Society Member 2003 – present
- Phi Lambda Upsilon Charter Member KSU Chapter – Vice President 2003 – 2004

REFERENCES

- Dr Saphronia Wallace swallace@gwinnettech.edu
- Carol C. Wood carol@totallearningconcepts.com