

# Brittany L. Butler

## Curriculum vitae

Senior Lecturer  
 Department of Chemistry  
 East Tennessee State University  
 P.O. Box 70695 Johnson City, TN  
 Phone: 423-439-6912  
 Email: [butlerbl@etsu.edu](mailto:butlerbl@etsu.edu)

## EDUCATION

**Ed.D. in Educational Leadership & Policy Analysis (ABD)** **Expected 2026**

East Tennessee State University (ETSU) – Johnson City, TN

**Proposed Title:** C.H.E.M. Leaders: A Summative Evaluation of a Leadership and Essential Skills Development Program for Chemistry Students

**Advisor:** Dr. Susan Epps

**M. S. in Chemistry, Analytical** **2009**

The University of North Carolina at Chapel Hill - Chapel Hill, NC

**B.S. in Chemistry, Minor in Spanish** **2004**

Loyola University New Orleans - New Orleans, LA

## PROFESSIONAL EXPERIENCE

**Faculty Fellow, Center for Teaching Excellence (CTE)** **July 2024 – Present**

East Tennessee State University – Johnson City, TN

- Organized and facilitated a student advisory board to provide university leadership with student feedback on teaching effectiveness at ETSU
- Conducted research to identify the needs and challenges faced by adjunct professors at ETSU
- Attended and contributed to CTE staff activities

**Senior Lecturer, Department of Chemistry** **August 2021 – Present**

East Tennessee State University – Johnson City, TN

- Introduction to Chemistry Survey, General Chemistry I & II, Organic Chemistry I & II, Quantitative Analysis, and associated laboratory courses
- Developed syllabi and course materials for new forensic chemistry laboratory course
- Adopted and created open educational resources (OERs) for general and introductory chemistry courses

**Program Coordinator, C.H.E.M. Leaders** **2021 – Present**

East Tennessee State University – Johnson City, TN

- C.H.E.M. Leaders is a leadership and pre-professional skills training program in the department of chemistry open to graduate and undergraduate chemistry majors and minors once a year in the spring semester
- Organized program schedule and secured presenters for weekly discussions, workshops, and demonstrations related to essential skills and leadership development

**Lecturer, Department of Chemistry****2017 – 2021**

East Tennessee State University – Kingsport, TN

- Lab coordinator and stock room manager for general and organic chemistry labs
- Supervised and evaluated student laboratory and tutoring assistants
- Responsible for teaching lecture courses and all related activities for both general and organic chemistry

**Adjunct Professor, Department of Chemistry****July – August 2017**

East Tennessee State University – Johnson City, TN

- Instructor for summer general chemistry II lecture and lab

**Lecturer, Department of Chemistry****2011 – 2013**

East Tennessee State University – Johnson City, TN

- Taught General Chemistry I / II lecture and lab, Quantitative Analysis lecture/lab, and Introduction to Chemistry
- Designed course content and developed experiments
- Drafted department laboratory safety rules

**Analytical Lab Coordinator, Department of Chemistry****2012 – 2013**

East Tennessee State University – Johnson City, TN

- Coordinated personnel and equipment use for quantitative analysis laboratory
- Trained new faculty in laboratory procedures and equipment use
- Maintained lab equipment, monitored chemical inventory, and ensured proper labeling of waste containers
- Evaluated and revised written laboratory manual to promote standardization of experiments
- Ensured safety rules and procedures were followed and adhered to by faculty and students

**Graduate Research & Teaching Assistant****2004 – 2009**

The University of North Carolina at Chapel Hill - Chapel Hill, NC

***Research Assistant***

- Utilized mass spectrometry (MS) for protein and peptide analysis
- Developed protein ionization techniques for subsequent analysis by mass spectrometry
- Served as MS coordinator - scheduled routine maintenance and instrument use
- Trained undergraduate students to use Bruker MS and Ion Trap MS

***Teaching Assistant***

- Led several sections of sophomore level analytical laboratory course
- Graduate assistance in areas of national need (GAAN) fellow – lectured analytical course
- Head Teaching Assistant – supervised new graduate teaching assistants

**Graduate Assistant****2007 – 2009**

The University of North Carolina at Chapel Hill - Chapel Hill, NC  
Office for Student Academic Counseling (OSAC)

- Assisted OSAC Dean and program assistant
- Managed and supervised undergraduate students who served as peer mentors to incoming minority freshman
- Gathered details of mentor meetings and catalogued data into program's database using Microsoft Access

**Corporate Summer Intern, Department of Quality & Technical Services****2002 & 2003**

The Coca-Cola Company - Atlanta, GA

- Validated quality control procedure for Coca-Cola products using HPLC
- Analyzed water samples using solid phase extraction and GC-MS
- Prepared standards and identified possible contaminants using LCMS
- Managed proprietary information regarding procedures and products

**UNIVERSITY, COLLEGE, & DEPARTMENTAL SERVICE****Faculty Advisor, Student Chapter of the ACS "Chemistry Club"****2022 – Present**

East Tennessee State University – Johnson City, TN

- Attended general member meetings to stay informed of member and leadership dynamics, as well as activity plans
- Attended officer meetings to review organization's plans and progress
- Provided logistical support to secure financial and program resources from institution
- Kept the group informed of grants, awards, conferences, workshops, and potential speakers to engage members

**Faculty Affiliate, Center for Teaching Excellence****2023 – 2024**

East Tennessee State University – Johnson City, TN

- Developed and facilitated student advisory board to inform members of the faculty advisory council to the Center for Teaching Excellence (CTE)
- Support efforts of other faculty affiliates by attending journal clubs and workshops
- Administered mid – semester feedback survey for professor in college of business administration

**Chair, Search Committee, Lecturer****2024**

Department of Chemistry

East Tennessee State University – Johnson City, TN

**Member, Search Committee, Director****2023**

Women's, Gender and Sexuality Studies (WGSS) Program

East Tennessee State University – Johnson City, TN

**Member, Sub-Committee, Faculty & Staff Engagement****2022**

Quality Enhancement Plan (QEP)

East Tennessee State University – Johnson City, TN

**Member, Search Committee, Dean****2022**

College of Arts &amp; Sciences

East Tennessee State University – Johnson City, TN

**Academic Advisor, Department of Chemistry****2011 – 2013**

- Advised ~100 chemistry majors, minors, pre-professional students each semester
- Mentored students through graduation requirements and discussed career goals
- Assured student confidentiality and FERPA requirements were met

**INSTITUTIONAL GRANTS & SCHOLARSHIPS****Charles W. Burkett Scholarship****Awarded 2024**

Clemmer College of Education and Human Development

**Nelle Jesse Scholarship****Awarded 2023**

Clemmer College of Education and Human Development

**Presidential Grant-In-Aid (PGIA)****Awarded 2023**

- PGIA's fund participation in professional development activities specifically intended to enhance a faculty member's skills in teaching, research or creative activity, or public service.
- Process Oriented Guided Inquiry Learning (POGIL) Virtual Workshops. 1. Fundamentals Workshop, 2. Classroom Facilitation Workshop, and 3. Activity Writing Workshop

**Nelle Jesse Scholarship****Awarded 2022**

Clemmer College of Education and Human Development

**Hands-On Lab Skills Mini Grant** – submitted, not awarded**2021**

The Education Division of the American Chemical Society (ACS)

**PROFESSIONAL PRESENTATIONS**

Butler, Brittany L. (**November, 2023**). Fostering a Science Identity: Empowering College Students in STEM Fields. Invited by Women, Gender, & Sexuality Studies Women on Wednesdays speaker series November 1, 2023; virtual presentation. East Tennessee State University.

Butler, Brittany L. (**October, 2023**). Women in STEM. Oral presentation. Invited by Office of Equity & Inclusion; Lunch & Learn speaker series October 3, 2023; virtual presentation. East Tennessee State University.

Butler, Brittany L. (**September, 2023**). Barriers to Inclusion in the Classroom: Ways to Promote Equitable Engagement. Oral presentation given at the 5<sup>th</sup> Annual East Tennessee State University Equity and Inclusion Conference September 28, 2023; Johnson City, TN.

Conference Theme: "'Beyond 'Checking a Box:' Building and Sustaining Campus-Wide Engagement for Belonging".

Butler, Brittany L. (**January, 2023**). Barriers to Inclusion in the Classroom: 10 Ways to Promote Equitable Engagement. Oral presentation given at Micro-CHIIPs (Conference for High-Impact Instructional Practices) January 11, 2023; virtual conference. East Tennessee State University, Conference Theme: "Inclusive Teaching".

Butler, Brittany L. (**October, 2022**). C.H.E.M. Leaders: Soft skills and leadership training program outside a chemistry curriculum. Poster presented at the Southeast Regional Meeting of the American Chemical Society (SERMACS) October 19 – 22, 2022; San Juan, Puerto Rico. Conference Theme: "Chemistry Transcending Boundaries for a Sustainable Future".

## PROFESSIONAL DEVELOPMENT

**Workshop Facilitator - General Education Instructors Institute** **June 2025**

Center for Teaching Excellence  
East Tennessee State University, Johnson City, TN

**Fresh Perspectives: Teaching First-Year Students Journal Club** **Fall 2024**

Center for Teaching Excellence  
East Tennessee State University, Johnson City, TN

**General Education Instructors Institute** **May 2024**

Center for Teaching Excellence  
East Tennessee State University, Johnson City, TN

**Leadership Johnson City** **2023 – 2024**

Johnson City Chamber of Commerce  
- Adult leadership program that introduces participants to the overall needs and operations of the community and region

**Cultural Competency & Inclusive Excellency Training** **March 2022**

East Tennessee State University, Office of Equity and Inclusion  
March 4 – 25<sup>th</sup>, 2022; virtual training.

**What's Emotion Got to Do with It? Emotional Intelligence Training** **June 2020**

East Tennessee State University, Office of Human Resources  
Employee Learning and Development, June 18, 2020; virtual training.

**SAFE Zone Training** **2019**

ETSU Safe Zone is a community of LGBTQ allies on ETSU campus who have all undergone an orientation to being an LGBTQ ally and signed the ETSU Safe Zone pledge.

## PROFESSIONAL & VOLUNTEER ORGANIZATIONS

- Girl Scouts of the Southern Appalachian Troop 917 Troop Administrator, 2022 – Present
- National Association for the Advancement of Colored People, 2023 – Present
- National Organization of Black Chemists & Chemical Engineers, 2022 – Present
- Junior League of Johnson City (JLJC) Sustaining Member, 2020 – Present
- Black Faculty & Staff Association (BFSA), ETSU, 2017 – Present
- American Chemical Society (ACS) member, 2001 – Present
- Junior League of Johnson City (JLJC) Board Member: President, 2019 – 2020
- Junior League of Johnson City (JLJC) Board Member: Secretary, 2018 – 2019

## COURSES TAUGHT & DEVELOPED (average enrollment)

- Introduction to Chemistry Survey (CHEM 1030); 70 students
- General Chemistry I (CHEM 1110); 100 students
- General Chemistry II (CHEM 1120); 135 students
- Organic Chemistry I (CHEM 2010); 50 students
- Organic Chemistry II (CHEM 2020); 50 students
- Quantitative Analysis (CHEM 2220); 20 students
- Quantitative Analysis Laboratory (CHEM 2221); 20 students
- General Chemistry I Laboratory (CHEM 1111); 24 students
- General Chemistry II Laboratory (CHEM 1121); 24 students
- Organic Chemistry I Laboratory (CHEM 2011); 24 students
- Organic Chemistry II Laboratory (CHEM 2021); 24 students

## RELEVANT GRADUATE COURSEWORK

- Equity & Inclusion Social Justice in Higher Education (ELPA 6050)
- Academic Writing for Dissertation Research (ELPA 7825)
- Quantitative Research (ELPA 7811)
- Research in Educational Leadership (ELPA 7813)
- Educational Statistics (ELPA 7810)
- Higher Education Finance (ELPA 7823)
- Theories of Higher Education Administration (ELPA 6810)
- Qualitative Research (ELPA 7812)
- Ethics for Educational Leaders (ELPA 6453)
- Internship for Educational Leadership (ELPA 6581)
- Policy Analysis (ELPA 6953)
- Leadership Studies (ELPA 6450)
- History of American Higher Education (ELPA 7120)
- Administration Higher Education (ELPA 7820)
- Adult Learner (ELPA 6563)
- Higher Education Law (ELPA 7822)
- Teaching for Learning in Higher Education (GRAD 7860)