Aleshia Seaton- Terry

1. **Educational Credentials**

M.S. Biological Science, Tennessee State University, 2011

B.S. Biology, Philander Smith College, 2009

1. **Laboratory Skills**

* Light microscope
* Differential Staining
* Microbiological Cultures
* Bacterial species isolation from complex cultures
* Preparation of solutions
* Media preparation
* Conducting PCR
* Use of microtome to prepare tissue sections
* High Performance Liquid Chromatography

1. **Relevant Coursework**

* Statistics And Methodology
* Research in Biology
* Immunology
* Genomics
* Advanced Biochemistry
* Systemic Physiology
* Biochemistry of Cellular Signal
* Histology
* Neurobiology
* Anatomy and Physiology

1. Professional Skills and Proficiencies:

Proficient time management and organizational skills achieved through the ability to plan, schedule, and prioritize and multi-task so as to maximize productivity.  
  
Effective written and verbal communication skills; able to keep detailed notes and records, summarize results and provide written and verbal briefings and progress reports that are logical and coherent.  
  
Well-developed interpersonal skills with demonstrated ability to interact effectively with a wide range of personalities, backgrounds and cultures; able to work equally well as part of a team or independently.  
  
Strategic problem solving capabilities with the ability to analyze and interpret biological test and to devise and implement a plan in order to increase efficiency and achieve goals.  
  
Comprehensive computer skills which include utilizing spreadsheet, word processing, data analysis, Internet and E-mail software; demonstrated ability to quickly learn new software

1. **Employment History**
2. Instructor of Anatomy and Physiology Department of Biology, San Jacinto College Houston, TX. Teaching load from August 2016 to July 2020 includes Anatomy and Physiology. Responsibilities include: Prepare and deliver lectures to undergraduate students. Evaluate and grade students ‘class work, laboratory work, assignments, and papers. Compile, administer, and grade examinations. Supervise students' laboratory work. Maintain student attendance records, grades, and other required records, 6.Initiate, facilitate, and moderate classroom discussions. Plan, evaluate, and revise curricula, course content, and course materials and methods of instruction. August 2016 - Present
3. Adjunct Instructor of Biology. Department of Biology, Howard College, San Angelo, TX. Teaching load from January 2015 to June 2015 includes General Biology, Anatomy and Physiology. Responsibilities include: Prepare and deliver lectures to undergraduate students. Evaluate and grade students ‘class work, laboratory work, assignments, and papers. Compile, administer, and grade examinations. Supervise students' laboratory work. Maintain student attendance records, grades, and other required records, 6.Initiate, facilitate, and moderate classroom discussions. Plan, evaluate, and revise curricula, course content, and course materials and methods of instruction. January 2015 to June 2016
4. Instructor of Biology. Department of Biology, Columbia State Community College, Columbia , TN. Teaching load from August 2014 to December 2015 includes General Biology, Anatomy and Physiology. Responsibilities include: Prepare and deliver lectures to undergraduate students. Evaluate and grade students ‘class work, laboratory work, assignments, and papers. Compile, administer, and grade examinations. Supervise students' laboratory work. Maintain student attendance records, grades, and other required records, 6.Initiate, facilitate, and moderate classroom discussions. Plan, evaluate, and revise curricula, course content, and course materials and methods of instruction. August 2014 to December 2015
5. Adjunct Instructor of Microbiology and Anatomy and Physiology. Department of Biology , Columbia State Community College, Franklin, TN. Teaching load from August 2013 to July 2014 includes General Biology I, Microbiology, and Anatomy & Physiology. Responsibilities include: Prepare and deliver lectures to undergraduate and/or graduate students. Evaluate and grade students ‘class work, laboratory work, assignments, and papers. Compile, administer, and grade examinations. Supervise students' laboratory work. Maintain student attendance records, grades, and other required records, 6.Initiate, facilitate, and moderate classroom discussions. Plan, evaluate, and revise curricula, course content, and course materials and methods of instruction. August 2013- July 2014
6. Adjunct Instructor of Microbiology and General Biology. Department of Biology , Columbia State Community College, Franklin, TN. Responsibilities include: Prepare and deliver lectures to undergraduate and/or graduate students. Evaluate and grade students ‘class work, laboratory work, assignments, and papers. Compile, administer, and grade examinations. Supervise students' laboratory work. Maintain student attendance records, grades, and other required records, 6.Initiate, facilitate, and moderate classroom discussions. Plan, evaluate, and revise curricula, course content, and course materials and methods of instruction. Teaching load includes Microbiology and General Biology lecture and Labs- August 2011- December 2011
7. Teaching Assistant. Department of Biological Sciences, Tennessee State University, Nashville,TN. Lab instructor for Anatomy and Physiology. Responsible for test construction, grading, prepping, and supervision lab.- August 2009- August 2011.
8. Research Assistant. University of little Rock at Arkansas, Little Rock, AR. Assisted with a project investigating novel Phenolic compounds in Medicago truncatula. Responsibilities included setting up experiments, gathering and processing data for studies. Also, compiling, interpreting and analyzing research data from High Performance Liquid Chromotography. May 2008- June 2009
9. **Scholarly Acitivity**
10. **Grants**
11. Tennessee Board of Reagent Revitalization Grant- Fall 2015
12. **Advising/Student Support**
13. I advise primarily pre-medical and pre-pharmacy students, but occasionally advise in other areas of pre-health sciences. I also advise students majoring in other fields. I average 20-30 advisees per semester.
14. **Faculty/Teaching Development Activities**
15. Development of FLIP Classroom for Anatomy and Physiology- Fall 2015
16. PANOPTO training- Fall 2015
17. Advising training – Fall 2014
18. C-Star training- Fall 2015
19. HAPS 2017 Southern Regional Meeting- Fall 2017
20. University of Houston STEM Conference – Fall 2018
21. **Service Activities**
22. Service to the Profession
23. Service to Columbia State Community College
24. Curriculum Committee- 2015
25. STEM Girls- Spring 2015
26. Service to San Jacinto College
27. Science Talk Speaker – Fall 2017
28. Development of Pilot OER A&P Course- Fall 2018
29. Hiring committee- Summer 2019
30. STEM Scholarship Committee- Spring 2020
31. Evaluator for General Education Outcomes- Spring 2020
32. Presenter at Across the Curriculum Conference at Alvin Community College- Spring 2020
33. Women of Integrity 2016-Present