

3 Year Contract for Carole Twichell Professor of Biology Full-time Faculty at Collin since 2014

Education/Experience

- M.S., Molecular and Cell Biology, University of Texas at Dallas, 2002

Professional Development and Publications

- Co-authored, "Laboratory Manual BIOL 1406/1408 Amylase/Cellulase," 1st edition, Hayden-McNeil, Spring 2019
- Presented, "Bringing Gene Expression to Life," Bio-Link Summer Fellows Forum, Berkeley, California, Summer 2018
- Co-presented, "Team-Based Learning," Advanced Technology Education Principal Investigators Conference, Washington, D.C., Fall 2017
- Co-presented, "Course-Based Undergraduate Research," Community College Undergraduate Research Initiative (CCURI) Meeting, Austin, Texas, Fall 2017
- Served, Leadership Team member, AC2 Advanced Technological Education Regional Center Grant, Summer 2017- Fall 2019
- Co-presented, "Restriction Challenge: A Case Study or Exam Question," Conference for the Advancement of Science Teaching, Fort Worth, Texas, Fall 2018
- Presented posters, "A Study of CXO Models and Business Incubators" and "Envisioning Change: Challenges and Successes of Inquiry-Based Biology Labs," High Impact Technology Exchange Conference, St. Louis, Missouri, Summer 2019
- Attended, Mini-BIOMAN training, Canandaigua, New York, Summer 2018

College Service and Student Support

- Served, Biology Faculty Search Committee, Spring 2018
- Serve, District Biology Curriculum Team, Spring 2019-present
- Serve, Associate and Full-Time Faculty Mentor, Summer 2018-present
- Serve, Primary Advisor, Biotechnology Club, Fall 2017-present
- Served, Biotechnology Faculty Coordinator and Internship Supervisor, Fall 2017, Spring 2018, Summer 2019
- Served, Faculty Advisor, The Center for the Advanced Studies in Mathematics and Natural Sciences, Spring 2019
- Accompanied, Biotechnology Student Presentations, Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science Annual Symposium, Washington, D.C., Summer 2017
- Accompanied, Biotechnology Student Presentations, Community College Undergraduate Initiative Meeting, Austin, Texas, Fall 2017
- Co-coordinated, Collin Science, Technology, Engineering and Math Research Symposium, Fall 2017-Fall 2019
- Attended, Collin Theater productions, "The Glass Menagerie" and "Footloose," Fall 2018 and Spring 2019