

## **3 Year Contract for Tamara Basham Professor of Environmental Science Full-time Faculty at Collin since 2018**

### **Education/Experience**

- Ph.D., Plant Biology, University of Texas at Austin, 2013

### **Professional Development and Publications**

- Participated, BioMe Workshop, "Cultivating Scientific Curiosity," Virtual, Summer/Fall 2020
- Participated, Qubes Mentoring Network, "Data Inclusivity and Access," Virtual, Spring 2020
- Co-Facilitated, Ecological Society of America, Life Discovery Conference, "Data Access and Interpretation in Classrooms," Virtual, Fall 2020
- Published, "Comparing Primary and Secondary Forest in Plano, TX: A Course-based Undergraduate Research Experience," Qubes Educational Resources, Summer 2020
- Published, "Global Temperature Change in the 21st Century: An Intro to Global Climate Models and Graphing in Excel," Qubes Educational Resources, Spring 2020
- Attended, Botanical Society of America Annual Meeting, Virtual, Summer 2020
- Attended, Ecological Society of America Annual Meeting, Virtual, Summer 2020
- Co-Presented paper, "What Are the Effects of an Invasive Grass on Fungal Mutualists of Native Grasses?," Texas Academy of Science Annual Meeting, Nacogdoches, TX, Spring 2020
- Attended, Ecological Society of America Life Discovery Conference: "Microbiomes to Ecosystems," Gainesville, FL, Spring 2019
- Attended, Faculty Development Conference presentation: "Supporting Students with Disabilities: Access Services and Innovative Instructional Practices," Fall 2019

### **College Service and Student Support**

- Serve, Co-organizer, Environmental Science Group Tutoring, Fall 2019 - present
- Serve, Primary Professor, Center for Advanced Studies in Mathematics and Natural Sciences Student Research Projects, Fall 2019 - present
- Served, Mathematics Search Committee, Spring 2019
- Judged, student presentations, Texas Academy of Science Annual Meeting, Nacogdoches, TX Spring 2020
- Judged, student presentations, Ecological Society of America Annual Meeting, Virtual, Summer 2020
- Served, College Representative, Earth Day Education Fair, Spring 2019
- Served, Faculty Advisor, Green Thumb Gardening Student Society, Fall 2019 - Spring 2020
- Served, Co-Developer, ENVR 1401 Blended Master Course Template, Fall 2020

### **Leadership and Awards**

- Recognized, BioMe Institute Fellow, Fall 2020
- Recognized, Ecological Society of America Education Scholar, Spring 2020
- Awarded, Scholarship, "Cultivating Curiosity" BioMe Institute Workshop, Summer 2020