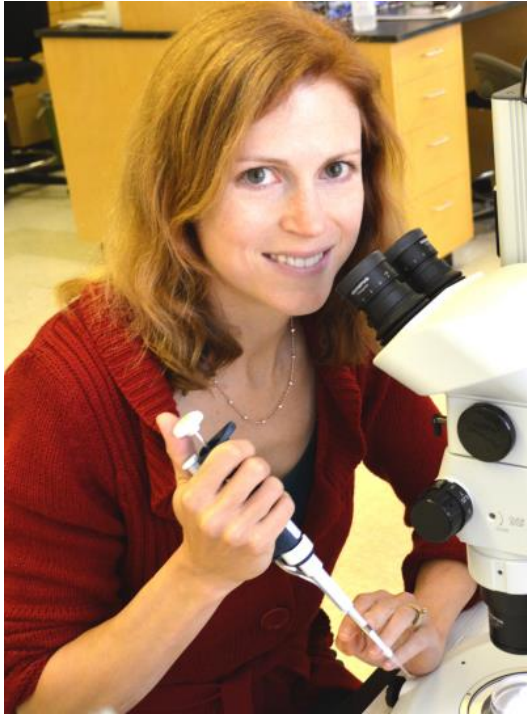


2019 O.W.L. Award Winner



Dr. Amanda M.V. Brown, Assistant Professor, Department of Biological Sciences, amanda.mv.brown@ttu.edu

Biography

Amanda is an accomplished scientist leading a diverse research program in microbiomes, multi-omics, and bioinformatics. She has long been committed to leading women in science, previously being awarded a fellowship from the American Association of University Women for research and mentoring. She has organized academic symposia featuring leading women in her field and she has actively pursued interdisciplinary collaborations with women at TTU and elsewhere. She brings experiential original

research into her classrooms and welcomes a large number of students of diverse backgrounds to be trained in her lab in integrating microbiology, chemistry, and computer science.

Nomination by Bravada Hill

Her approach to mentorship was crafted from studies on the science of learning. This method of mentorship means she provides some guidance and training, emphasizes that students take initiative and develop confidence to lead in their experiments as much as possible – but keeps an open door so that students can ask questions and discuss experiments as needed. She tailors her mentorship by adapting to the needs of the trainee through listening and gauging their interests and skill-development so that they can be genuinely productive at their experiments - so the rewards of their work will be real and earned. According to Dr. Brown one facet of mentoring young women is the frequent need to help women gain confidence through providing them with high-level challenges, for example, introducing biology students to computer science, or vice versa. This part of mentorship seems to be one of the most fulfilling parts of her work. She is truly charmed by seeing students master skills that previously seemed unreachable.