



Scott M. Tanner, PhD

I received my bachelor's degree in Biology from Indiana University in 2007, and my PhD in Molecular and Cellular Pathology from the University of Alabama at Birmingham. I then completed a postdoctoral fellowship. While in graduate school, I grew to enjoy working with undergraduates in the laboratory.

After my postdoctoral training, I began my career as an undergraduate educator at Limestone College in 2014. There, I began a research program which involved switching my model organism from mouse, to the more undergraduate friendly *C. elegans*. I then moved to a lecturer position in Clemson University's Department of Genetics & Biochemistry, where I coordinated all genetics labs in the department. This time helped me hone my laboratory instruction skills, but more importantly helped me re-ignite my passion for working with undergraduates in the research laboratory. I then moved to USC Upstate in 2019, where I have been able to strike the balance I desire between teaching and research. My current research involves using *C. elegans* and the Caco-2 cell line to explore intestinal development and healing.

Histochemical Society Statement

My interest in histology and immunohistochemistry began in graduate school while staining immune and gastrointestinal organs in mice. This interest was increased by joining the Histochemical Society as a graduate student and while attending the 2012 Immunohistochemistry and Microscopy course. I have been an active member of the HCS since, participating as faculty of the Immunohistochemistry and Microscopy course (now the Immunohistochemistry and Immunofluorescence course), representing the HCS on the FASEB Science Research Conference Advisory Committee, serving as the inaugural chair of the Education Committee from 2015-2021, serving on Council from 2019-2022, and as interim Treasurer during 2022.

My hope is to continue to increase the excitement of histochemical techniques to early career scientists, much as I experienced in graduate school. In the growing push for molecular and genetic data, it is important to maintain the special data that immunohistochemistry and related techniques can provide. Therefore, continuing our goal of increasing the Histochemical Society's exposure to early career scientists, especially those of diverse and underprivileged backgrounds, will be central to the HCS going forward.