

Jennifer B. Long, Ph.D. is a Research Fellow in the Department of Cell Biology at Harvard Medical School. Dr. Long earned her B.A. in Biology from Wellesley College, an M.A. in Secondary Science Education from Teachers College, Columbia University and her Ph.D. in Cellular and Molecular Physiology from Yale University. Dr. Long's graduate work in the laboratory of Dr. Joseph Madri at Yale identified molecular cues that drive vascular sympathetic innervation. As a research fellow in Dr. David Van Vactor's laboratory at Harvard Medical School, Dr. Long's research focuses on the role of microtubule regulatory proteins during synapse formation in the developing *Drosophila melanogaster* nervous system. Her research utilizes cell and molecular biology as well as advanced microscopy techniques, including *in vivo* imaging. Dr. Long has a longstanding interest in science education and has taught for over 15 years. She has experience teaching students at all levels, from middle school students to undergraduates as well as graduate and medical students. She is currently serving as the head Curriculum Fellow for the HMS Transmed course and in Fall 2014 will begin a position as science teacher at Buckingham, Browne and Nichols, a private secondary school in Cambridge, MA.