Writing for my personal website

About

Welcome, I am Yvette Fisher. I am a neuroscientist interested in the interactions between single neuron biophysics and neuronal circuit function.

I currently work as a postdoctoral fellow in the lab of Rachel Wilson (https://wilson.hms.harvard.edu/) in the Neurobiology Department (https://neuro.hms.harvard.edu/) at Harvard Medical School.

My research employs a range of approaches including genetic manipulation, two-photon calcium imaging, in vivo electrophysiology, and behavioral analysis. Using these approaches I study how the properties of single neurons and the communication between groups of neurons allow the brain to compute. I receive funding for my postdoctoral research from the HHMI Hanna Gray fellowship (https://www.hhmi.org/programs/hanna-h-gray-fellows-program#F).

During my PhD, I worked with Tom Clandinin (https://flyvisionlab.weebly.com/) at Stanford where my research focused on neural mechanism of visual motion detection and genetic tool development in *Drosophila.* Check out my dissertation here (https://searchworks.stanford.edu/view/11685342).

Prior to my PhD I worked with Michael Levine (http://www.mrrc.npi.ucla.edu/iddrc/content/investigator/Levine,%20Michael%20S.) at UCLA studying neuronal communication in the basal ganglia.

News

Summer 2018 – Excited to be teaching in a section of the Neural Systems and Behavior course (<http://www.mbl.edu/education/courses/neural-systems-behavior/>) this summer at Woods Hole.

March 2018 – FlpStop aids in the Williams lab’s beautiful study (https://elifesciences.org/articles/31659) of neurexin and neuroligin function in axon growth

Sept 2017 – Honored to be part of the inaugural class of Hanna Gray Fellows (https://www.hhmi.org/news/hhmi-selects-15-hanna-gray-fellows-support-diversity-science#)!

Video evidence (https://www.youtube.com/watch?time\_continue=2&v=lThCxILtl3w) that I think “science is hard”.

July 2017 – a review chapter that I wrote with Tom Clandinin about the application of genetic tools to circuit dissection is published (<https://link.springer.com/chapter/10.1007%2F978-3-319-57363-2_15>)

March 2017 – FlpStop tool receives a shout out in Science magazine

February 2017 – Our FlpStop paper is published!

June 2016 – Moved to Boston to start a Postdoc in the Wilson

Lab(https://wilson.hms.harvard.edu/)!