


Stanford

Max Turner

Postdoctoral Research Fellow, Neurobiology

 Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- Postdoctoral Fellow, Ruth L Kirschstein NRSA, National Institute of Mental Health; BRAIN initiative (F32-MH118707) (9/30/2018 -)
- Predoctoral Fellow, Ruth L. Kirschstein NRSA, National Eye Institute (F31-EY026288) (12/16/2015 - 6/15/2017)

PROFESSIONAL EDUCATION

- PhD, University of Washington , Neuroscience (2017)
- BS, University of Iowa , Biology, Mathematics (2011)

LINKS

- Google scholar profile: https://scholar.google.com/citations?user=S_ujhOYAAAAJ&hl=en

Research & Scholarship

LAB AFFILIATIONS

- Thomas Clandinin (3/19/2018)

Publications

PUBLICATIONS

- **Receptive field center-surround interactions mediate context-dependent spatial contrast encoding in the retina** *ELIFE*
Turner, M. H., Schwartz, G. W., Rieke, F.
2018; 7
- **Synaptic Rectification Controls Nonlinear Spatial Integration of Natural Visual Inputs** *NEURON*
Turner, M. H., Rieke, F.
2016; 90 (6): 1257–71
- **Direction-Selective Circuits Shape Noise to Ensure a Precise Population Code** *NEURON*
Zylberberg, J., Cafaro, J., Turner, M. H., Shea-Brown, E., Rieke, F.
2016; 89 (2): 369–83
- **Type I intrinsically photosensitive retinal ganglion cells of early post-natal development correspond to the M4 subtype** *NEURAL DEVELOPMENT*
Sexton, T. J., Bleckert, A., Turner, M. H., Van Gelder, R. N.
2015; 10: 17
- **Nonlinear dendritic integration of electrical and chemical synaptic inputs drives fine-scale correlations** *NATURE NEUROSCIENCE*
Trenholm, S., McLaughlin, A. J., Schwab, D. J., Turner, M. H., Smith, R. G., Rieke, F., Awatramani, G. B.
2014; 17 (12): 1759–66
- **Visual Space Is Represented by Nonmatching Topographies of Distinct Mouse Retinal Ganglion Cell Types** *CURRENT BIOLOGY*
Bleckert, A., Schwartz, G. W., Turner, M. H., Rieke, F., Wong, R. L.

2014; 24 (3): 310–15

- **A method for detecting molecular transport within the cerebral ventricles of live zebrafish (*Danio rerio*) larvae** *JOURNAL OF PHYSIOLOGY-LONDON*

Turner, M. H., Ullmann, J. P., Kay, A. R.

2012; 590 (10): 2233–40