Postdoctoral fellow, Osterweil Lab
Rosamund Stone Zander TNC, FM Kirby Neurobiology Center
Boston Children's Hospital, Harvard Medical School

Summary
The Osterweil lab is recruiting a motivated individual to fill a postdoctoral position in molecular neuroscience. You will be joining the exciting, fast-paced environment at Boston Children's Hospital/ Harvard Medical School investigating cell type-specific mRNA translation in neural function and dysfunction (www.osterlab.org/).

Our group has a number of hypothesis-driven projects that are aimed at identifying critical mechanisms in neural plasticity, and determining how these processes go awry in neurodevelopmental disorders such as fragile X syndrome. We are using molecular approaches including TRAP-seq, scRNA-seq, and spatial transcriptomics, and combining these with electrophysiological and behavioral assays to answer research questions and test potential therapeutic approaches that arise from this work. We are also employing new models to determine the conservation of synaptic mechanisms between mouse and human.

Candidates must have a PhD in neuroscience, cell biology, or a related field, and show evidence of good productivity in the form of publications. Experience with either molecular neuroscience and mouse brain surgical techniques, or RNA-seq and bioinformatics, is greatly preferred.

Please send a CV, cover letter with statement of interest, and 2-3 letters of references to: Emily.osterweil@childrens.harvard.edu. Applications will be accepted until a suitable candidate is found.

Boston Children's Hospital is an Equal Opportunity / Affirmative Action Employer. Qualified applicants will receive consideration for employment without regard to their race, color, religion, national origin, sex, sexual orientation, gender identity, protected veteran status or disability.

Boston Children's Hospital requires all employees to be vaccinated against COVID-19 and Flu, (unless you are eligible for a medical or religious exemption).