



## **T32 Postdoc Opportunity Training Program in Emotion Research**

The National Institute of Mental Health (NIMH) funded T32 Training Program in Emotion Research at the University of Wisconsin-Madison will have one, 3-year postdoctoral position starting in Fall of 2019. For more information, please visit [www.emotion.wisc.edu](http://www.emotion.wisc.edu).

The following faculty all desire candidates with expertise in structural and/or functional neuroimaging, and an interest in affective neuroscience utilizing human and/or nonhuman primate models:

Dr. Joshua Cisler: Dr. Cisler's research focuses on defining the neurocircuitry mechanisms associated with trauma and PTSD, with a particular emphasis on computational modeling of learning and large-scale network analyses. Current projects include 1) a clinical trial and imaging study testing pharmacological modulation of fear extinction learning in PTSD, 2) cross-sectional imaging study investigating social decision-making and risk for re-victimization among adolescent girls exposed to interpersonal violence, and 3) a real-time fMRI neurofeedback study of implicit emotion regulation in PTSD. Link to lab website for more information: <http://cislerlab.psychiatry.wisc.edu/>

Dr. Richard Davidson: Dr. Davidson's Center for Healthy Minds is recruiting a post-doctoral fellow to work with Dr. Melissa Rosenkranz. Melissa's research investigates the neural processes that underlie the relationship between emotion and inflammation in both healthy individuals and those with chronic inflammatory conditions such as asthma. She also studies the mechanisms through which behavioral interventions, like mindfulness-based stress reduction can buffer the effects of stress and emotion on immune system function. Melissa's research employs both fMRI and PET imaging modalities, as well as a diverse set of peripheral physiological, immune and endocrine measures. For more specific information: <https://centerhealthyminds.org/assets/files-resources/Postdoctoral.fellow.recruitment.pdf>

Dr. Hill Goldsmith (with potential for co-mentorship with Dr. Davidson if the applicant is interested in affective neuroscience approaches using MRI in children and adolescents): Dr. Hill Goldsmith is recruiting a post-doc whose interests lie in developmental and genetic approaches to emotion and psychopathology, including themes with RDoC relevance.

### **Training Program in Emotion Research**

University of Wisconsin–Madison Madison, Wisconsin  
608-262-0037 Email: [EmotionT32Grant@bi.wisc.edu](mailto:EmotionT32Grant@bi.wisc.edu) [www.emotion.wisc.edu](http://www.emotion.wisc.edu)

Dr. James Li: Research in my lab examines how genes and environments independently and jointly influence pathways of psychopathological development, with a focus on the childhood externalizing disorders. Our work incorporates cutting-edge genome-wide approaches to better understand how polygenic variation underlying the development of these disorders may also be moderated by environmental adversity and enrichment. In addition to conducting longitudinal studies on children with behavioral problems, our lab is also at the forefront of integrating data from “big datasets” with rigorous psychological methods. Please read about our on-going projects at our website: <https://lilab.waisman.wisc.edu/projects/>

Dr. Ned Kalin: The Kalin lab works with human and animal models to understand the factors that contribute to the risk to develop stress-related psychopathology with the ultimate goal of developing new treatments. Our translational and reverse translational studies integrate across a number of modalities including multimodal neuroimaging, genetics, behavioral and physiological variables, and molecular measures.

Dr. Seth Pollak: <http://www.waisman.wisc.edu/childemotion/> The Child Emotion Research Laboratory will consider those interested in the effects of early life stress and/or family poverty on children’s health, emotional development, and well-being. Our laboratory provides a rich variety of resources, access of many at-risk populations of children, and integration of diverse methods. There are ample opportunities for post-docs to initiate independent lines of research. Please contact Dr. Pollak directly prior to submitting an application.

Dr. Sarah Short: Dr. Sarah Short (with co-mentorship from Dr. Rasmus Birn) is recruiting a postdoc who is interested in developmental cognitive neuroscience. Dr. Short is currently conducting a study looking at the impact of poverty on infants’ structural and functional brain development. This work will additionally examine relations between infants’ brain development, their home environment, and the emergence of executive functions and social/emotional skills in early childhood.

**\*\*Applicants\*\***

Please send the following items by Thursday, January 15th, 2019 to The Training Program in Emotion Research Administrator at [EmotionT32Grant@bi.wisc.edu](mailto:EmotionT32Grant@bi.wisc.edu). For more information, please visit [www.emotion.wisc.edu](http://www.emotion.wisc.edu).

1. Cover Letter: Identify the program faculty member(s) with whom you wish to train
2. CV
3. Research Statement
4. Three letters of reference (These can be submitted separately by the letter writers themselves, will be accepted until January 31<sup>st</sup> 2019).

*Only U.S. citizens and permanent residents are eligible to apply. We are an Equal Opportunity, Affirmative Action Employer*