



SNAP Lab

Dear SAS Colleagues,

The Social Neuroscience of Affective Processes (SNAP) Lab at Worcester Polytechnic Institute is hiring a postdoctoral fellow to begin later this summer / early fall (exact start date negotiable). Initial commitment is for 2 years, with a possible extension pending additional funding. Compensation includes full benefits, and applications received by August 1, 2022 will receive equal consideration.

In the SNAP Lab, we utilize tools in modern neuroscience (e.g., functional magnetic resonance imaging; fMRI) and advanced longitudinal modeling of human behavior to better understand how human beings align their thoughts, emotions, and behaviors with whatever goals they may be pursuing—with an eye toward improving health and wellbeing in various populations of interest. Current and forthcoming research projects in the lab tackle questions such as: how can we identify problematic aspects of social media use in young adults and break links between problematic use and poor mental health? How does real world exposure to appetitive cues (e.g., living near fast food restaurants, convenience stores, and bodegas) impact neural food cue reactivity and subsequent regulation of eating behaviors? And: which kinds of interventions can be developed to alter a person's sense of self-worth so it is less affected by the praise and esteem of others (especially in online/virtual contexts), and which brain regions and networks help support these changes?

WPI is home to the newly established Practice Point healthcare development and testing hub, which houses a state-of-the-art [Neurotech suite](#). This collaborative space contains various imaging equipment including fMRI, EEG, eye tracking, fNIRS, and VR. The suite facilitates effective collaboration to accelerate experimental design and data collection, analysis, and interpretation, enhancing our understanding of neural mechanisms, biomarkers, pathologies, and interventions.

Founded in 1865, WPI is one of the nation's first technological universities. A highly selective private university located within an hour of Boston, WPI is consistently ranked among the top 70 research institutions by US News & World Report. The university is home to an innovative and intensive project-based curriculum that empowers students with the knowledge and skills to address real-world problems around the globe. WPI is committed to fostering a diverse and inclusive campus community for faculty, staff, and students, where all community members feel a connected sense of belonging.

Interested applicants should follow the link below, which contains additional information and application instructions.

https://wpi.wd5.myworkdayjobs.com/WPI_External_Career_Site/job/Worcester/Post-Doctoral-Fellow_R0001903

Any questions about the lab or position should be directed to the PI, Dr. Richard Lopez (rlopez1@wpi.edu).