

PhD and postdoc opportunities in visual plasticity and augmented reality [Haifa, Israel]

Funded positions are currently available in AmpliLab of Dr. Sarit Szpiro at the University of Haifa in Israel

The projects aim to reveal how our brain learns to process new perceptual information by mixing up approaches from cognitive psychology and human-computer interaction. The postdoc position will be an initial appointment for one year, with the option to renew annually for 2 additional years.
The Ph.D. position is a four-year assignment. The positions are open until filled.

Requirements

- Candidates should have a Master's degree or equivalent in a relevant field such as Psychology, Education, Neuroscience, Optometry, Computer Science, Physiology, or Communication Sciences.
- Exceptional undergraduate students with strong research experience may also be considered.
- Applicants should have strong English writing skills
- programming experience is a big plus.

The lab

- Amplilab focuses on finding new ways to enhance people's perceptual abilities with training and technology.
- We study typical and atypical populations (e.g., autism, low vision) and examine the development of perception, attention, and perceptual learning skills.
- Methods used in the lab include psychophysics, eye tracking, and computational modeling
- We are also very much interested in applied research and health science. We have ongoing collaborations with labs in Information Science, Physical Therapy, and Communication Sciences and Disorders.

The environment

University of Haifa is located at the top of Mount Carmel with beautiful views of the Mediterranean Sea and green mountains. The lab is part of a research echo-system and provides ample opportunities to interact with neighboring labs with expertise varying from psychophysics, cognitive neuroscience, and machine learning.

To apply, send me your C.V., recent grade information, along with a brief statement why you are interested in the lab - **sarit.szpiro at edu.haifa.ac.il .**