Stanford

Pardis Miri

Postdoctoral Research Fellow, Psychology

Curriculum Vitae available Online

Bio

BIO

Pardis Miri, PhD, recently received her doctorate in computer science, in the area of human computer interaction, from University of California Santa Cruz. As a PhD student, she spent the last 3 years of her training at Stanford University under the supervision of Dr. Marzullo, Dr. Gross, and Dr. Isbister. For her dissertation, she took a multidisciplinary approach in using technology for affect regulation. More specifically, she explored the placement and pattern, and personalization of a vibrotactile breathing pacer system that she developed during her graduate studies. Her work was funded by the National Science Foundation and Intel labs. Prior to being a Ph.D. student, Miri earned her Master's degree in computer science from the University of California San Diego in the area of Systems and Networking. She is currently a postdoctoral fellow at Stanford University conducting research in using vibrotactile technology to aid affect regulation in neurotypical and neurodiverse populations.

HONORS AND AWARDS

- EAGER National Science Foundation Grant., Systems for Assisting in Emotion Regulation in the Wild. (2016-2020)
- Facilitating Affect Regulation in Youth with Autism Spectrum Disorder, Stanford eWear Seed Grant (2020-2021)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California Santa Cruz (2019)
- PhD, University of California, Santa Cruz , Computer Science, HCI (2019)
- MS, University of California, San Diego , Computer Science, Systems and Networking (2013)
- BS, Amirkabir University of Technology, Tehran, Iran , Computer Engineering

STANFORD ADVISORS

- James Gross, Postdoctoral Research Mentor
- James Gross, Postdoctoral Faculty Sponsor

PATENTS

- Pardis Miri; Robert Flory; Keith Marzullo; James Gross. "United States Patent S19-525 62/972,610 (S31-06632.PRO) Personalizable, Inconspicuous Vibrotactile Breathing Pacer", Stanford University, Feb 10, 2020
- Pardis Miri; Pankaj Garg; Benjamin Schultz;Sandeep Kishan Singhal; Madhan Sivakumar. "United States Patent 8806005 Cross-machine event log correlation", Microsoft Inc, Oct 8, 0179

LINKS

- Google Scholar: https://scholar.google.com/citations?user=wqIG4Q4AAAAJ&hl=en
- My Lab: wehab.stanford.edu

Research & Scholarship

PROJECTS

- Design, Engineer, and Evaluate Technologies to Facilitate Affect Regulation - Stanford University (2016 - 2022)

Publications

PUBLICATIONS

- **Evaluating a Personalizable, Inconspicuous Vibrotactile(PIV) Breathing Pacer for In-the-Moment Affect Regulation** *CHI Conference on Human Factors in Computing Systems*
  Miri, P., Jusuf, E., Uusberg, A., Margarit, H., Flory, R., Isbister, K., Marzullo, K., Gross, J. J.
  2020: 13

- **PIV: Placement, Pattern, and Personalization of an Inconspicuous Vibrotactile Breathing Pacer** *ACM TRANSACTIONS ON COMPUTER-HUMAN INTERACTION*
  Miri, P., Flory, R., Uusberg, A., Culbertson, H., Harvey, R. H., Kelman, A., Peper, D., Gross, J. J., Isbister, K., Marzullo, K.
  2020; 27 (1)

- **Using the Neuroscience of Fear Extinction for Anxiety Reduction: Study Design, Aims, and Preliminary Data**
  Ball, T., Miri, P., Williams, L.
  NATURE PUBLISHING GROUP.2019: 267–68

- **PortLand: A Scalable Fault-Tolerant Layer 2 Data Center Network Fabric**
  Mysore, R., Pamboris, A., Farrington, N., Huang, N., Miri, P., Radhakrishnan, S., Subramanya, V., Vandat, A., ACM
  ASSOC COMPUTING MACHINERY.2009: 39–50