

# Stanford

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## Pardis Miri

Postdoctoral Scholar, Psychology

 Curriculum Vitae available Online

### Bio

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

#### 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=wqIG4Q4AAAAAJ&hl=en>
- My Lab: <http://wehab.stanford.edu>

## Research & Scholarship

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### PROJECTS

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

### Publications

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### 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