

# Stanford

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## Behnaz Jarrahi

Postdoctoral Research Fellow, Anesthesiology, Perioperative and Pain Medicine

### Bio

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#### BIO

Dr. Behnaz Jarrahi is a brain researcher at Stanford Medical School. Her research focuses on neuroimaging data analysis techniques and application of machine learning to study the morphology, function, and neuroplasticity of the human brain. She is the recipient of the APS Future Leaders in Pain Research grant (2019-2020) and NIH K25 Mentored Quantitative Research Career Development Award (2020-2025). Dr. Jarrahi has a long-standing interest in studying interoception to delineate how it gives rise to consciousness. Her doctoral dissertation, titled "Neuroimaging of Interoception - Deciphering The Neural Correlates of The Primordial Emotions", aimed to demonstrate how interoceptive and exteroceptive affective states could influence the large-scale intrinsic connectivity network architecture of the human brain.

#### HONORS AND AWARDS

- \*\*\* Selected List of Honors, and Awards (most recent) \*\*\*
- K25 Mentored Quantitative Research Career Development Award, National Institutes of Health (2020-2025)
- Future Leaders in Pain Research Grant, American Pain Society (2019)
- SFN-IBRO World Congress Travel Award, Society for Neuroscience (2019)
- Abstract of Distinction, American Academy of Neurology (2018 and 2019)
- Young Investigator Travel Award, American Pain Society (2018 and 2019)
- Invited session co-chair for "Brain Imaging: Connectivity and Networks", IEEE Engineering in Medicine (2018)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, The Institute of Electrical and Electronics Engineers (IEEE)
- Member, The IEEE Engineering in Medicine and Biology Society (EMBS)

#### PROFESSIONAL EDUCATION

- Postdoctoral Fellowship, Stanford University , NIH T32 Interdisciplinary Research Training in Pain
- Postdoctoral Fellowship, University of California at Los Angeles , Clinical Neuroimaging of Parkinson's & Schizophrenia
- Doctor of Science, ETH Zurich and the University of Zurich , Information Technology & Electrical Engineering, Neuroscience
- Master of Science in Engineering, University of Michigan at Ann Arbor , Biomedical Engineering
- Bachelor of Arts, Science & Eng., University of Michigan at Ann Arbor , Biomedical Engineering

#### LINKS

- Stanford Website: <http://web.stanford.edu/~bena/>
- LinkedIn: <http://www.linkedin.com/in/behnazjarrahi/>
- ORCID: <https://orcid.org/0000-0003-3085-1095>