

# Tanaz Molapour

PH.D. | POSTDOCTORAL RESEARCHER  
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## Education

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### Karolinska Institute

PH.D. IN CLINICAL NEUROSCIENCE

*Stockholm, Sweden*

2016

### San Francisco State University

M.A. IN PSYCHOLOGICAL RESEARCH

*San Francisco, CA*

2010

### San Francisco State University

B.A. IN PSYCHOLOGY

*San Francisco, CA*

2008

### DeAnza College

A.A. IN COMMUNICATION STUDIES

*San Jose, CA*

2006

## Publications

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**Molapour, T.**, Silston, B., Wu, H., Ramstead, M., Friston, K., & Mobbs, D. 7even computations of the social brain (in progress).

**Molapour, T.**, Haaker, J., & Olsson, A. The relationship between social dominance threat and racial biases (in progress).

**Molapour, T.**, Lindström, B., Bellander, M., Haaker, J., & Olsson, A. Self-punitive mechanisms drive vendettas of punishment in humans (in progress).

**Molapour, T.**, Lindström, B., & Olsson, A. (2016) Aversive learning influences anti-social behavior. *Frontiers in Psychology*, 7:833.

Haaker, J., **Molapour, T.**, & Olsson, A. (2016) Conditioned social dominance threat: Observation of other's social dominance biases threat learning. *Social Cognitive and Affective Neuroscience*.

**Molapour, T.**, Golkar, A., Navarrete, C.D., Haaker, J., Olsson, A. (2015) Neural correlates of biased fear learning and social interaction in an intergroup context. *NeuroImage*, 121, 171-183.

Lindström, B. R., Selbing, I., **Molapour, T.**, & Olsson, A. (2014). Racial bias shapes social reinforcement learning. *Psychological Science*, 25(3).

Dennehy, T. C., Cooper, S., **Molapour, T.**, & Morsella, E. (2014). Is there release from masking from isomorphism between perception and action? *Brain Sciences*, 4, 220-239.

Wiens, S., **Molapour, T.**, Overfeld, J., & Sand, A. (2011). High negative valence does not protect emotional event-related potentials from inattention and perceptual load. *Cognitive, Affective, & Behavioral Neuroscience*.

**Molapour, T.**, Berger, C. C., & Morsella, E. (2011). Did I read or did I name? Diminished awareness of processes yielding identical "outputs." *Consciousness and cognition*.

**Molapour, T.**, & Morsella, E. (2010). Valence from conflict? Preliminary evidence from Stroop interference. *Language Acquisition*.

Morsella, E., **Molapour, T.**, & Lynn, M.T. (2010). The three pillars of volition: phenomenal states, ideomotor processing, and the skeletal muscle system. In H. S. Terrace & J. Metcalfe (Eds.), *Joint action and agency*. New York: Oxford University Press.

## Conference Presentations

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**Molapour, T.**, & Olsson, A. (2017). Eye for an eye: reciprocal punishment in dyadic interactions. European Meeting on Human Fear Conditioning, Hamburg, May 2017.

**Molapour, T.** (2016) Neural correlates of biased fear learning and social interaction in an intergroup context. Talk given as part of the symposium: "Bad brains: Prejudice, Immorality, and Other Nefarious Behaviors" at European Society for Cognitive and Affective Neuroscience (ESCAN), Porto, Portugal, April 2016.

**Molapour, T.**, & Olsson, A. (2016). Eye for an eye: reciprocal punishment in dyadic interactions. Social & Affective Neuroscience Society Annual Meeting, New York, April 2016.

**Molapour, T.**, Golkar, A., Navarrete, C., Haaker, J., Olsson, A. (2015). Neural Correlates of Biased Social Fear Learning and Interaction in an Intergroup Context. 21st Annual meeting of the organization for human brain mapping, Honolulu, June 2015.

Haaker, J., **Molapour, T.** & Olsson, A. (2015). Social dominance threat is shaped by observing confrontations between others. 21st Annual meeting of the organization for human brain mapping, Honolulu, June 2015.

**Molapour, T.**, Golkar, A., Navarrete, C., Hjorth, O., Olsson, A. (2013). Brain responses during extinction of learned fear to racial in-group and out-group faces. Cognitive Neuroscience Society Conference, San Francisco, April 2013.

**Molapour, T.**, Golkar, A., Navarrete, C., Hjorth, O., Olsson, A. (2013). Brain responses during extinction of learned fear to racial in-group and out-group faces. Social and Affective Neuroscience Society Conference, San Francisco, April 2013.

Lindström, B. R., Selbing, I., **Molapour, T.**, Olsson, A. (2013). Racial Bias Drives Social Reinforcement Learning. Association for Psychological Science 25th Annual Convention, Washington, D.C., May 2013.

**Molapour, T.**, Berger, C. C., Dennehy, T. C., & Morsella, E. (2010). Awareness during cognitive conflict: Double blindness and introspections about speed of processing. Poster presented at the Association for Psychological Science Annual Convention, Boston, Massachusetts.

**Molapour, T.**, Lynn, M. T., Zaria, P., Riddle, T. A., & Morsella, E. (2010) Valence from Conflict: Its Influence on Likeability of Perceptible and Subliminal Stimuli. Poster presented at the Convention of the Society for Personality and Social Psychology, Las Vegas, Nevada.

Hubbard, J., **Molapour, T.**, Dennehy, T. C., & Morsella, E. (2011). The subjective consequences of experiencing random events. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Antonio, Texas.

Olide, A., Kanska, K., Fernandez, S., **Molapour, T.**, Bonnet, K., Gums, P., Sorensen, K., Matsumoto, D. (2009, May) Facial Expressions of Emotion When Committing the Fundamental Attribution Error. Poster presented at the Association for Psychological Science Annual Convention, San Francisco, California.

## Work Experience

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### California Institute of Technology

*Pasadena, CA*

POSTDOCTORAL RESEARCHER—DIVISION OF THE HUMANITIES AND SOCIAL SCIENCES

*September 2017 - PRESENT*

- Research topic: How our emotions guide social interactions to form complex social networks—with emphasis on how fear and punishment can change and disrupt networks.
- Methods: behavioral, psychophysiological, neuroimaging (functional magnetic resonance imaging), eye-tracking, electromyography, surveys/questionnaires and interviews.

### Karolinska Institutet

*Stockholm, Sweden*

POSTDOCTORAL RESEARCHER—DEPARTMENT OF CLINICAL NEUROSCIENCE

*October 2016 - September 2017*

- Research topics: How we acquire fears — with emphasis on social interactions, decision making, and aggression
- Methods: behavioral, psychophysiological, neuroimaging (functional magnetic resonance imaging), eye-tracking, electromyography, surveys/questionnaires and interviews.

### Karolinska Institutet

*Stockholm, Sweden*

COURSE COORDINATOR FOR SOCIAL PSYCHOLOGY

*2016-2017*

- Planning course material, inviting speakers, organizing course schedule.
- Close student contact, and overseeing student progress.

- Establish course learning and teaching outcomes
- Monitoring the student experience and course delivery through a variety of means, e.g. student evaluations, and unit coordinator meetings

## **Karolinska Institutet**

*Stockholm, Sweden*

DOCTORAL FELLOW/RESEARCH SCIENTIST—DEPARTMENT OF CLINICAL NEUROSCIENCE

*2011-2016*

- Methods: behavioral, psychophysiological, neuroimaging (functional magnetic resonance imaging), eye-tracking, electromyography, surveys/questionnaires and interviews.
- Research topics: How we acquire fears — with emphasis on social interactions, decision making, and aggression.

## **Stockholm University**

*Stockholm, Sweden*

GRADUATE RESEARCHER—AUDITORY PERCEPTION LABORATORY

*2011*

- Field experimentation, investigating the relationship between acute aircraft noise exposure at outdoor and indoor settings via physiological stress reactions, self-reported disturbance, and speech interference measurements.
- Measurement of physiological stress includes saliva cortisol, heart rate, and blood pressure. Self-reported disturbance is collected via questionnaires.

## **San Francisco State University**

*San Francisco, CA*

GRADUATE RESEARCHER—MIND, BRAIN AND BEHAVIOR MASTER'S PROGRAM

*2008-2010*

- Completed the Mind, Brain, and Behavior master's program in Psychological Research. Designed, developed, and ran studies investigating the nature of conscious and non-conscious processes.

## **Leadership and Mentorship Experience**

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### MENTOR

- Supervised, mentored, and trained undergraduate and master's student internships to collect data, code qualitative data, and analyze physio-logical measures

### TEACHING

- Experimental Psychology (Seminar Leader), Karolinska Institutet
- Social Psychology (Seminar Leader), Karolinska Institutet
- Neuroscience Course (Lab instructor/co-organizer), Karolinska Institutet
- Developmental Psychology (Lab instructor/co-organizer), Karolinska Institutet
- Research Methods (Lab instructor), San Francisco State University
- Statistics in Psychology (Lab instructor), San Francisco State University

## **Representative Media Coverage of Research**

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### RADIO & NEWS

- Swedish Radio P5:Forskare krossar myt om ilska ("Researcher Crushes Myth About Anger")
- Svenska Dagbladet:Ny forskning visar var fördomar uppstår ("New research shows brain activity associated with prejudice)
- Medical Daily: Prejudice In The Brain: How Evolutionary Valuable Brain Processes Have Turned Problematic
- Sveriges Radio (Swedish Radio): Rädslan syns i magnetkameran ("Fear is Seen in the MRI Scanner")

## **Professional Memberships, Honors, & Grants**

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### COMPETITIVE GRANTS AND AWARDS RECEIVED

- International Postdoc grant recipient of the Swedish Research Council, 2017-2020
- Karolinska Institute's KID Funding for Partial Financing of Doctoral Studies Grant Recipient, 2011-2015
- Cognitive Neuroscience Society (CNS), 2008-present
- Association for Psychological Science
- Psi Chi Honor Society, 2008-present

## **Technical Skills**

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R • SPSS • Matlab • AcqKnowledge • E-prime • Qualtrics • JASP • L<sup>A</sup>T<sub>E</sub>X