

# Stanford

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## Naama Mayselless-Yahav

Postdoctoral Research Fellow, Psychiatry

### Bio

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#### BIO

Naama Mayselless is a postdoctoral fellow working with Dr. Allan Reiss in the Center for Interdisciplinary Brain Sciences Research (CiBSR) at Stanford University School of Medicine. Dr. Mayselless obtained her Bachelor degree in Physics (2004) from the Hebrew University in Jerusalem and a Research Master in Neuroscience (2007) from Haifa University (Israel). She obtained a PhD in Social Psychology from Haifa University (Israel) in 2015 for her work on the neuroscience of creative ability.

Currently, Dr. Mayselless is conducting research on a brain-based model of team interactivity which incorporates brain-to-brain synchrony related to team collaboration. A goal of this work is to create an inter-brain synchrony model of team collaboration that can inform successful team collaborations. In addition, Dr. Mayselless is conducting research on the neuro-developmental trajectories of creativity and its relation to humor and mathematical ability.

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University Of Haifa (2015)
- Master of Arts, University Of Haifa (2007)
- Bachelor of Arts, Hebrew University Of Jerusalem (2004)

#### STANFORD ADVISORS

- Allan Reiss, Postdoctoral Research Mentor
- Allan Reiss, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### LAB AFFILIATIONS

- Allan Reiss, Center for Interdisciplinary Brain Sciences Research (CiBSR) (2/1/2016)

### Publications

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#### PUBLICATIONS

- **Creativity in the Twenty-first Century: The Added Benefit of Training and Cooperation** *DESIGN THINKING RESEARCH: MAKING DISTINCTIONS: COLLABORATION VERSUS COOPERATION*  
Mayselless, N., Saggar, M., Hawthorne, G., Reiss, A., Plattner, H., Meinel, C., Leifer, L.  
2018: 239–49
- **The role of oxytocin in modulating interpersonal space: A pharmacological fMRI study.** *Psychoneuroendocrinology*  
Cohen, D., Perry, A., Gilam, G., Mayselless, N., Gonen, T., Hendler, T., Shamay-Tsoory, S. G.  
2017; 76: 77–83
- **A possible effect of methylphenidate on state anxiety: A single dose, placebo controlled, crossover study in a control group** *PSYCHIATRY RESEARCH*  
Segev, A., Gvirts, H. Z., Strouse, K., Mayselless, N., Gelbard, H., Lewis, Y. D., Barnea, Y., Feffer, K., Shamay-Tsoory, S. G., Bloch, Y.

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2016; 241: 232-235

- **Novelty-seeking trait predicts the effect of methylphenidate on creativity.** *Journal of psychopharmacology (Oxford, England)*  
Gvirts, H. Z., Mayselless, N., Segev, A., Lewis, D. Y., Feffer, K., Barnea, Y., Bloch, Y., Shamay-Tsoory, S. G.  
2016
- **Generating original ideas: The neural underpinning of originality** *NEUROIMAGE*  
Mayselless, N., Eran, A., Shamay-Tsoory, S. G.  
2015; 116: 232-239
- **ENHANCING VERBAL CREATIVITY: MODULATING CREATIVITY BY ALTERING THE BALANCE BETWEEN RIGHT AND LEFT INFERIOR FRONTAL GYRUS WITH tDCS** *NEUROSCIENCE*  
Mayselless, N., Shamay-Tsoory, S. G.  
2015; 291: 167-176
- **Unleashing creativity: The role of left temporoparietal regions in evaluating and inhibiting the generation of creative ideas** *NEUROPSYCHOLOGIA*  
Mayselless, N., Aharon-Peretz, J., Shamay-Tsoory, S.  
2014; 64: 157-168
- **Oxytonergic circuitry sustains and enables creative cognition in humans** *SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE*  
De Dreu, C. K., Baas, M., Roskes, M., Sligte, D. J., Ebstein, R. P., Chew, S. H., Tong, T., Jiang, Y., Mayselless, N., Shamay-Tsoory, S. G.  
2014; 9 (8): 1159-1165
- **Expertise in Musical Improvisation and Creativity: The Mediation of Idea Evaluation** *PLOS ONE*  
Kleinmuntz, O. M., Goldstein, P., Mayselless, N., Abecasis, D., Shamay-Tsoory, S. G.  
2014; 9 (7)
- **The association between creativity and 7R polymorphism in the dopamine receptor D4 gene (DRD4)** *FRONTIERS IN HUMAN NEUROSCIENCE*  
Mayselless, N., Uzefovsky, F., Shalev, I., Ebstein, R. P., Shamay-Tsoory, S. G.  
2013; 7
- **Brain activity during processing objects and pseudo-objects: Comparison between adult regular and dyslexic readers** *CLINICAL NEUROPHYSIOLOGY*  
Mayselless, N., Breznitz, Z.  
2011; 122 (2): 284-298
- **Can Intervention Programs Influence How the Dyslexic Brain Processes Low-Level Visual Stimuli?** *DEVELOPMENTAL NEUROPSYCHOLOGY*  
Mayselless, N.  
2011; 36 (7): 949-954
- **The origins of originality: The neural bases of creative thinking and originality** *NEUROPSYCHOLOGIA*  
Shamay-Tsoory, S. G., ADLER, N., Aharon-Peretz, J., Perry, D., Mayselless, N.  
2011; 49 (2): 178-185