

# ***Curriculum Vitae***

## **ODED M. KLEINMINTZ, PHD**



### **Personal details**

*Date of birth* 19-06-1985  
*Place of birth* Kefar Sava, Israel  
*Address* 2615 42<sup>nd</sup> ST NW, 20007, DC, USA  
*Nationality* Israeli and Dutch  
*Civil status* Married, two children  
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### **Education**

*2011-2016* PhD [Neurocognitive psychology, Dept. of psychology, University of Haifa, Prof. Shamay-Tsoory and Dr. Abecasis, 'Expertise in improvisation and creativity: a neurocognitive model']  
*2010-2012* MA [Neurocognitive psychology, Dept. of psychology, University of Haifa, Prof. Shamay-Tsoory. I was on the Dean's honor list]  
*2007-2010* BA [Psychology, Dept. of psychology, University of Haifa]

### **Professional Experience and Appointments**

*2021-present* Post-doctoral position at prof. Adam Green's Georgetown Lab for Relational Cognition (GLRC), dept. of psychology, Georgetown University. Researching in collaboration with other researchers and students the cognitive and neural bases of creative augmentation.  
*2016-2019* Coaching PhD candidates and providing neuroimaging-analysis services to the Social and Affective Neuroscience lab of Prof. Shamay-Tsoory, Dept. of psychology, University of Haifa.  
*2014-2015* fMRI technician, operating the MRI scanner during fMRI experiments (empathy to pain), including functional and structural scans [Social and Affective Neuroscience Lab, Dpt. of Psychology, University of Haifa, Israel]  
*2010-2012* Research assistant in two research projects: (1) Treatment of depression with TMS, (2) The neural basis of creativity, behavioral and fMRI studies [Social and Affective Neuroscience Lab, Dpt. of Psychology, University of Haifa, Israel]

### **Teaching**

*2022* Giving a workshop to a mixed group of undergraduates (dpt. Psychology, Georgetown University) about "Creativity and Cognitive Enhancement". The workshop

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was six weeks long and included the preparation of the class, frontal lectures, leading discussions, and the grading of projects.

### **Scientific publications**

#### **Published**

- Kleinmintz OM, Ivankovsky T, Shamay-Tsoory SG. (2019) The twofold model of creativity: The neural underpinnings of the generation and evaluation of creative ideas. *Current Opinion in Behavioral Sciences*, edited by Prof. Hikaru Takeuchi and Prof. Rex Jung.
- Ivankovsky T, Kleinmintz O, Lee J, Kurman J, Shamay-Tsoory SG. (2018) The neural underpinnings of cross-cultural differences in creativity. *Hum Brain Mapp.* 1–16. <https://doi.org/10.1002/hbm.24288> (Shared contribution).
- Cohen, D, Perry, A, Mayseless, N, Kleinmintz, OM, & Shamay-Tsoory, SG (2018). The role of oxytocin in implicit personal space regulation: An fMRI study. *Psychoneuroendocrinology*, 91, 206-215. doi.org/10.1016/j.psyneuen.2018.02.036
- Kleinmintz OM, Abecasis, D, Tauber, A, Geva, A, Chistyakov, AV, Kreinin, I, Klein, E, Shamay-Tsoory, SG (2017). Participation of the left inferior frontal gyrus in human originality. *Brain Structure and Function*, 1–13. doi.org/10.1007/s00429-017-1500-5.
- Kleinmintz OM (2017). **Train Yourself to Let Go: The Benefits of Deliberate Practice on Creativity and Its Neural Basis.** In *Exploring the Benefits of Creativity in Education, Media, and the Arts.* . IGI Global;;67–90.
- Kleinmintz OM, Goldstein P, Mayseless N, Abecasis D, Shamay-Tsoory SG (2014) Expertise in Musical Improvisation and Creativity: The Mediation of Idea Evaluation. *PLoS ONE* 9(7): e101568. doi: 10.1371/journal.pone.0101568

#### **Submitted**

- Geva A, Sheppes G, Kleinmintz OM, Tauber T, Peled-Avron L, Kreinin I, Chistyakov A, Klein E, and Simone G. Shamay-Tsoory. The Causal Role of the Right Dorsolateral Prefrontal Cortex in Emotion Regulation Choice: A Continuous Theta-Burst Stimulation (cTBS) study. *SCAN*
- Kleinmintz OM, Abecasis D, Goldstein P, Shamay-Tsoory SG. Brain networks underlying expertise in creativity among improvisers in music. *Neuropsychologia*

#### **Under preparation**

- Kleinmintz OM, Tauber A, A, Geva, A, Chistyakov, AV, Kreinin, I, Klein, E, Shamay-Tsoory, SG. Two steps ahead: the interplay between modulation and regulation when/while mentalizing social interactions (shared contribution)
- Tauber A, Kleinmintz OM, A, Geva, A, Chistyakov, AV, Kreinin, I, Klein, E, Shamay-Tsoory, SG. Reintroducing schema activation into a combined clinical and neurocognitive model of social cognition (shared contribution).

#### **Reviewer**

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PLoS ONE | Human Brain Mapping | Creativity Research Journal | NeuroImage | Psychology Research and Behavior Management | Social Neuroscience | Scientific Reports | Brain Research | Cerebral Cortex | Frontiers | Psychology of Aesthetics, Creativity, and the Arts | Human Movement science | Nature Reviews Psychology | Psychophysiology

### **Scientific conference presentations**

- 2018 The 4<sup>th</sup> Meeting of the Society for the Neuroscience of Creativity (SfNC), Harvard University (Cambridge), USA
- 2017 International Convention of Psychological Science (ICPS), Vienna, Austria
- 2015 International Convention of Psychological Science (ICPS), Amsterdam, the Netherlands
- 2014 19<sup>th</sup> Annual Meeting of the Israeli society of biological psychiatry (ISBP), Kibutz Ha'Goshrim, Israel  
1<sup>st</sup> meeting of the Israeli Society for Cognitive Psychology, Acre, Israel
- 2013 22<sup>th</sup> Annual Meeting of the Israel Society for Neuroscience (ISFN), Eilat, Israel
- 2012 17<sup>th</sup> Annual Meeting of the Israeli society of biological psychiatry (ISBP), Kibutz Ha'Goshrim, Israel  
Brain Plasticity Symposium, Tel Aviv, Israel
- 2011 20<sup>th</sup> Annual Meeting of the Israel Society for Neuroscience (ISFN), Eilat, Israel

### **Teaching**

- 2014-2018 Instructing Master and PhD students on the use of fMRI and TMS.
- 2014-2015 Guiding an MA student from the music therapy department on the subject of the use of improvisation for emotion regulation.
- 2012-2015 Guiding Bachelor students in a yearly course called 'Guided research'.

### **Technical abilities**

BrainVoyager – analysis and navigation (TMS) | SPSS | R | MATLAB | Python | E-prime 2.0 | SPM |  
Operation of fMRI, TMS, tES, fNIRS | Office | Machine Learning

### **Research domains**

Neurocognitive research | Creativity | Evaluation of the creativity of ideas | Musical expertise and training  
| Cultural differences in creativity | fMRI | Neural modulation methods (TMS, tDCS, tACS) | Social and  
affective neuroscience | Neurofeedback | Semantic maps

### **Languages**

Hebrew (native tongue) | English (high level) | Dutch (medium level)