



## **Michael Gilead**

*Cerebral Cortex*

*Cognitive Affective and Behavioral Neuroscience*

*Plos one*

*Nature Human Behavior*

*Social Cognitive and Affective Neuroscience*

*Social Cognition*

*Neuroimage*

*Journal of Personality and Social Psychology*

### Grant agencies:

U.S.-Israel Binational Science Foundation (BSF)

Israel Science Foundation (ISF).

### (d) Membership in professional/scientific societies

Society for Personality and Social Psychology

European Association for Social Psychology

Association for Psychological Science (APS)

The Social and Affective Neuroscience Society

## • **Educational activities**

### (a) Courses taught

BA Courses:

“Research Methods in Psychology” (Tel Aviv University)

“Motivation” (Tel Aviv University)

“Intersubjectivity: How do we understand how others think and feel” (Ben-Gurion University)

“Intersubjectivity and emotion regulation” (Ben-Gurion University)

MA/PhD courses:

“Inter-group conflict: An evolutionary perspective” (Ben-Gurion University)

“Social Psychobiology” (Ben-Gurion University)

“Selected topics in social psychology” (Ben-Gurion University)

“Practicum in the industry” (Ben-Gurion University)

“Psychological Data Science Seminar” (Ben-Gurion University)

### (b) Research students

#### PhD

Almog Simchon (co-supervised with Dr. Yoav Kessler; expected completion: 2020)

Ann Haberman (co-supervised with Dr. Gideon Anneholt; expected completion: 2021)

Inon Raz (co-supervised with Dr. Tal Eyal; expected completion: 2022)

#### MA/MS

Yahav Attas (MA; expected completion: 2020)

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Raz Bauminger (MA; expected completion: 2020)

Hadar Azulai (MA; expected completion: 2020)

Tiran Daddon (MA; expected completion: 2019)

Gal Ben-Yosef (MS, co-supervised with Dr. Jonathan Rosenblatt; expected completion: 2019)

Liat Israeli (MA; 2018)

Lotem Granski (MA; 2018)

Lital Sher (MA; 2018)

Elya Zarhi (MA; 2018)

Inon Raz (MA; 2018)

Rotem Maymon (MA; 2019)

### • Awards, Citations, Honors, Fellowships

#### (a) Honors, Citation Awards (including during studies)

2014 Excellence Award, Tel Aviv University

2013 Excellence Award, Tel Aviv University

2013 Society for Personality and Social Psychology, Travel Award

2008 Academic achievement scholarship, Tel Aviv University

#### (b) Fellowships

2014 Fulbright Post-doctoral Fellowship (\$37,500)

2014 Yad-Hanadiv (Rothschild) Post-doctoral Fellowship (\$50,000)

### • Scientific Publications

**H-index 6** (source: ISI, web of Science, May 28<sup>th</sup> 2019), 73 citations in total.

70 total citations excluding self-citations.

#### (a) Authored books

#### (b) Editorship of collective volumes

#### (c) Refereed chapters in collective volumes

1. **Gilead, M.**, Liberman, N., & Trope, Y. (2018) Thinking about the future: A construal level perspective. In Oettingen, G., Sevincer, A. T., & Gollwitzer, P. M. *The psychology of thinking about the future*. New York: Guilford.

#### (d) Refereed articles and refereed letters in scientific journals

(source: ISI, May 28<sup>th</sup> 2019)

1. **Gilead, M<sup>S</sup>**, Liberman<sup>PI</sup>, N., & Maril<sup>C</sup>, A. (2012). Construing counterfactual worlds: The role of abstraction. *European Journal of Social Psychology*, 42(3), 391-397. (Citations: 7, **IF**=1.97; **Q2** Social Psychology, 21 of 62)

2. **Gilead, M<sup>S</sup>**, Liberman<sup>PI</sup>, N., & Maril<sup>C</sup>, A. (2013). The language of future-thought: An fMRI study of embodiment and tense processing. *Neuroimage*, 65, 267-279. (Citations: 10, **IF** =5.84, **Q1**, Neuroimaging, 1 of 14)

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3. **Gilead, M<sup>S</sup>**, Liberman<sup>PI</sup>, N., & Maril<sup>C</sup>, A. (2014). "I remember thinking": Neural activity associated with subsequent memory for stimulus-evoked internal mentations. *Social neuroscience*, 9(4), 387-399. (Citations: 0, **IF**=2.25, **Q2** Psychology, 33 of 77).
4. **Gilead, M<sup>S</sup>**, Liberman<sup>PI</sup>, N., & Maril, A. (2014). From mind to matter: neural correlates of abstract and concrete mindsets. *Social Cognitive and Affective Neuroscience*, 9(5), 638-645. (Citations: 14, **IF**=3.93, **Q1** Psychology, 9 of 77).
5. **Gilead, M<sup>S</sup>**, & Liberman<sup>PI</sup>, N. (2014). We take care of our own: Caregiving salience increases ingroup bias in response to outgroup threat. *Psychological Science*, 25(7), 1380-1387. (Citations: 15; **IF** =5.67, **Q1** Multidisciplinary Psychology, 8 of 129).
6. **Gilead, M<sup>S</sup>**, Gal<sup>T</sup>, O., Polak<sup>T</sup>, M., & Chollow<sup>T</sup>, Y. (2015). The Role of Nature vs. nurture in conceptual metaphors: The case of gustatory priming. *Social Psychology*, 46(3), 167–173. (Citations: 3, **IF** =2.60, **Q1** Social Psychology, 10 of 62).
7. Bein<sup>S</sup>, O., Livneh<sup>S</sup>, N., Reggev<sup>S</sup>, N., **Gilead<sup>S</sup>, M.**, Goshen-Gottstein<sup>C</sup>, Y., & Maril<sup>PI</sup>, A. (2015). Delineating the effect of semantic congruency on subsequent memory: the role of integration and relatedness. *Plos One*, 10(2), e0115624. (Citations: 15; **IF** =2.81, **Q1** Multidisciplinary Sciences, 15 of 64).
8. **Gilead<sup>S\*</sup>, M.**, Katzir<sup>S\*</sup>, M., Eyal<sup>C</sup>, T., & Liberman<sup>PI</sup>, N. (2016). Neural correlates of self-conscious emotions. *Neuropsychologia*, 81, 207–218. (Citations: 6; **IF** =3.20, **Q1** Psychology, Experimental, 13 of 84).
9. **Gilead<sup>PD</sup>, M.**, Silverman<sup>T</sup>, M., Boccagno<sup>T</sup>, C., Weber<sup>C</sup>, J., & Ochsner<sup>PI</sup>, K.N. (2016). Self-regulation via neural simulation. *Proceedings of the National Academy of Sciences of the United States of America*. 113(36), 10037-10042. (Citations: 3; **IF** =9.66, **Q1** Multidisciplinary Sciences, 4 of 64).
10. **Gilead<sup>PI</sup>, M.**, Liberman<sup>PI</sup>, N., & Maril<sup>C</sup>, A. The effect of an action's age of acquisition on action sentence processing (2016). *Neuroimage*, 141, 341-349. (Citations: 0; **IF** =5.84, **Q1**, Neuroimaging, 1 of 14).
11. **Gilead<sup>PI</sup>, M.**, Ben-David<sup>S</sup>, Y., & Ecker<sup>S</sup>, Y. (2018). Not our fault: judgments of apathy vs. harm toward socially proximal vs. distant others. *Social Psychological and Personality Science*, 9(5), 568-575. (Citations: 0; **IF** =1.88, **Q2** Psychology, Social, 26 of 62).
12. Ecker<sup>S</sup>, Y., & **Gilead<sup>PI</sup>, M.**, A (2018). Goal-Directed Allostais: The unique challenge of keeping things as they are. *Perspectives on Psychological Science*, 13(5), 618-633. (Citations: 0; **IF** =7.36, **Q1** Psychology, Multidisciplinary, 6 of 129).
13. **Gilead<sup>PI</sup>, M.**, Sela<sup>S</sup>, M., & Maril<sup>PI</sup>, A. (2018). *Social Psychological and Personality Science*. That's My Truth: Evidence for Involuntary Opinion-Confirmation (Citations: 0; **IF** =1.88, **Q2** Psychology, Social, 26 of 62).
- \*14. **Gilead<sup>PI</sup>, M.**, Liberman<sup>PI</sup>, N., & Trope<sup>PI</sup>, Y. Above and beyond the concrete: The representational bases of the prospective mind (forthcoming, target article, *Behavioral and Brain Sciences*).

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### (b) Presentation of papers at conferences/meetings

- 2011 Gilead, M., & Liberman, N. *The effect of psychological distance on embodiment of cognition: behavioral and fMRI Studies*. The European Social Cognition Network 13th Transfer of Knowledge Conference, Sligo, Ireland.
- 2011 Liberman, N., & Gilead, M. *Traversing psychological distance: A construal level theory perspective*. The annual meeting of the European Association of Social Psychology, Stockholm, Sweden.
- 2013 Gilead, M., & Liberman, N. *The effect of psychological distance and factuality on the neural markers of embodiment*. Embodiment in Social and Personality Psychology preconference at fourteenth annual meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.
- 2013 Gilead, M., & Liberman, N. *Neural correlates of concrete and abstract mindsets*. The fourteenth annual meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.
- 2013 Gilead, M. Chair of *The Neural Correlates of Abstraction and Psychological Distance* symposium at the fourteenth annual meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.
- 2013 Gilead, M., & Liberman, N. *Neural correlates of concrete and abstract mindsets*. The European Social Cognition Network 15th Transfer of Knowledge Conference, Vilnius, Lithuania.
- 2015 Gilead M., & Liberman N. *We Take Care of Our Own: Caregiving Salience Increases Ingroup Bias in Response to Outgroup Threat*. Talk accepted for presentation at the 27th APS Annual Convention, New York, New York.
- 2015 Gilead M., & Schaller, M. Co-chair of *The parental Caregiving system (and why it matters)* symposium accepted for presentation at the 27th APS Annual Convention, New York, New York.
- \*2017 Gilead, M., & Boccagno, C., Silverman, M., Hassin, R., Weber, J., & Ochsner, K.N. *Self-Regulation via Neural Simulation*. The annual meeting of the European Association of Social Psychology, Granada, Spain.
- \*2019 Gilead, M., *New Directions in Emotion Regulation Research*. The inaugural Brain Health Innovation and Technology conference, Vienna, Austria.
- \*2019 Gilead, M., *The limits of human and artificial intelligence: what we find and what we lose when psychological science meets data science*. The Law and Psychology Workshop, Tel-Aviv University, Israel.
- \*2019 Gilead, M., *Representational Bases of the Predictive Mind*. Predictive Processing Workshop, Ben-Gurion University, Israel.

### (c) Presentation at informal seminars

### (d) Seminar presentations at universities and institutions

- 2015 Tel Aviv University, Israel. Social Psychology Program Seminar.

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- 2015 Hebrew University, Israel. Psychology Department Seminar.
- 2015 Columbia University, New York, USA. Psychology Department Seminar.
- 2015 New York University, New York, USA. Social Psychology Program Seminar.
- \*2016 Hebrew University, Israel. Psychology Department Seminar.
- \*2016 Bar-Ilan University, Israel. Social Psychology Program Seminar.

### • Research Grants

- 2016-2020** BSF Israeli-American Collaboration grant. *The role of Perspective-Taking in emotion regulation: A social-cognitive neuroscience investigation*. PIs: Michael Gilead, Kevin Ochsner. \$180,000 (\$45,000 per year).
- 2017-2019** Joy ventures academic grant. *Examining the Effectiveness of a Mentalizing-Based Emotion Regulation Intervention in Laboratory and Ambulatory Settings*. PI: Michael Gilead. \$100,000 (\$50,000 per year).
- 2018-2023** Israel Science Foundation grant. *Do they even have feelings? The effects of inter-group conflict on the neural mechanisms of affective perspective-taking*. PI: Michael Gilead. \$320,000 (\$64,000 per year).

### • Present Academic Activities

Research in progress:

*The Relation between Agentive Language and Sense of Control* (Almog Simchon).  
Expected date of completion: 2020.

*Examining the Effectiveness of a Mentalizing-Based Emotion Regulation Intervention in Laboratory and Ambulatory Settings* (Ann Haberman). Expected date of completion: 2021.

*The Hedonic and Epistemic Motivations Across Individuals and Situations* (Inon Raz).  
Expected date of completion: 2022.

*The role of Perspective-Taking in emotion regulation: A social-cognitive neuroscience investigation* (Lital Sher). Expected date of completion: 2019.

### Books and articles to be published:

#### Editorship of collective volumes

**Gilead, M., Ochsner K.N.** The Neural bases of mentalizing. Springer: New York  
(Accepted for publication)

#### Papers in preparation

Hoss<sup>S</sup>, A., **Gilead<sup>PI</sup>, M.**, & Bereby-Meyer<sup>PI</sup>, Y. The minimal territory effect.

Sher<sup>S</sup>, L., **Gilead<sup>PI</sup>, M<sup>PI</sup>**. Can internalized representations of Significant Others help regulate emotions? a behavioral and fMRI investigation.

Garanski<sup>S</sup>, L., **Gilead<sup>PI</sup>, M<sup>PI</sup>**. A gene-culture co-evolution model of political attitudes.

Ben-Yosef<sup>S</sup>, G., Rosenblatt<sup>PI</sup>, J.D.A., & **Gilead<sup>PI</sup>, M.** The Predictive Five: Towards a low-dimensional, universally-predictive model of human behavior and attitudes.

#### Papers submitted for publication (indicate journal)

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Simchon<sup>S</sup>, A., & Gilead<sup>PI</sup>, M. Terror-management in the digital age: a big-data investigation of uncertainty-related language following events of mass violence (*Submitted*).

Simchon<sup>S</sup>, A., Guntuku, S. C., Simhon, R., Hassin, R.R., Ungar, L.H., & Gilead<sup>PI</sup>, M. Political Depression? A Big-Data, Multi-Method Exploration of Americans' Emotional Response to the Trump Presidency (*Submitted*).

Haberman<sup>S</sup>, A., Gilead<sup>PI</sup>, M., & Higgins<sup>PI</sup>, E.T. Just be yourself: Regulatory focus moderates the effects of societal standards on personal well-being (*Submitted, Journal of Personality*).

### • Synopsis of research, including reference to publications and grants in above lists

My field of research is **social-cognitive and affective neuroscience**. This means that: (i) I am mostly interested in phenomena that seem to be the result of the social/cultural and communicative/symbolic capacities of humans (i.e., for example, **emotion regulation, self-regulation, and moral/political decision making**); (ii) In thinking of these phenomena, I focus on individual-level mental processes that may subserve them (e.g., “cognitive” processes such as **mental simulation, mentalizing**, and the workings of fundamental motivational systems), (iii) often applying a biological perspective (i.e., thinking in terms of evolutionary functions and biological systems, using neuroimaging methods). More specifically, I study the role of mentalizing and mental simulation in self- and emotion-regulation (e.g., Ecker & Gilead, in press; Gilead et al., 2016; Gilead, Katzir et al., 2016; Haberman, Gilead, & Higgins, submitted; Simchon & Gilead, submitted; see also BSF and JOY grants). My research on moral/political decision making examines the effects of fundamental motivational systems on the willingness to provide care for close and distant others (e.g., Gilead & Liberman, 2014; Gilead, Ben-David, & Ecker, in press). Finally, I study the functional neuroanatomy of the neural systems that subserve humans' ability for mental simulation and mentalizing (e.g., Gilead, Liberman, & Maril, 2013; Gilead, Liberman, & Maril, 2014a; Gilead, Liberman, & Maril, 2014b; Gilead, Katzir, Eyal, & Liberman, 2016; Gilead, Liberman, & Maril, 2016; Gilead et al., 2016).