

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)

“Social aspects of episodic memory” (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 (expected completion: 2022)

Yhonatan Shemesh (co-supervised with Prof. David Leiser; expected completion: 2022)

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MA/MS

Stav Khen (MA; expected completion: 2021)

Ram Or (MA; expected completion: 2021)

Elkana Tamir (MA; expected completion: 2021)

Itamar Zengar (MA; expected completion: 2021)

Ron Dulkan (MA; expected completion: 2021)

Maayan Klimenko (MA; expected completion: 2021)

Yahav Attas (MA; expected completion: 2020)

Raz Bauminger (MA; expected completion: 2020)

Hadar Azulai (MA; expected completion: 2020)

Tiran Daddon (MA; 2019)

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

Rotem Maymon (MA; 2019)

Liat Israeli (MA; 2018)

Lotem Granski (MA; 2018)

Lital Sher (MA; 2018)

Elya Zarhi (MA; 2018)

Inon Raz (MA; 2018)

• Awards, Citations, Honors, Fellowships

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

2020 APS Rising Star award

2019 Toronto Award, Ben-Gurion University

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 7 (source: ISI, web of Science, March 9th 2020), 103 citations in total.

99 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.

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2. **Gilead, M.**, & Ochsner, K.N. (in press). A guide to the neural bases of mentalizing. In Gilead, M., & Ochsner, K. N. *The neural bases of mentalizing*. New York: Springer.

(d) Refereed articles and refereed letters in scientific journals

(source: ISI, Nov 14th 2019)

1. **Gilead, M^S**, Liberman^{PI}, N., & Maril^C, A. (2012). Construing counterfactual worlds: The role of abstraction. *European Journal of Social Psychology*, 42(3), 391-397. (Citations: 8, **IF**=1.97; **Q2** Social Psychology, 21 of 62)
2. **Gilead, M^S**, Liberman^{PI}, N., & Maril^C, A. (2013). The language of future-thought: An fMRI study of embodiment and tense processing. *Neuroimage*, 65, 267-279. (Citations: 16, **IF** =5.84, **Q1**, Neuroimaging, 1 of 14)
3. **Gilead, M^S**, Liberman^{PI}, N., & Maril^C, 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^S**, Liberman^{PI}, 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: 17, **IF**=3.93, **Q1** Psychology, 9 of 77).
5. **Gilead, M^S**, & Liberman^{PI}, 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: 18; **IF** =5.67, **Q1** Multidisciplinary Psychology, 8 of 129).
6. **Gilead, M^S**, Gal^T, O., Polak^T, M., & Chollow^T, Y. (2015). The Role of Nature vs. nurture in conceptual metaphors: The case of gustatory priming. *Social Psychology*, 46(3), 167–173. (Citations: 5, **IF** =2.60, **Q1** Social Psychology, 10 of 62).
7. Bein^S, O., Livneh^S, N., Reggev^S, N., **Gilead^S, M.**, Goshen-Gottstein^C, Y., & Maril^{PI}, A. (2015). Delineating the effect of semantic congruency on subsequent memory: the role of integration and relatedness. *Plos One*, 10(2), e0115624. (Citations: 17; **IF** =2.81, **Q1** Multidisciplinary Sciences, 15 of 64).
8. **Gilead^{S*}, M.**, Katzir^{S*}, M., Eyal^C, T., & Liberman^{PI}, N. (2016). Neural correlates of self-conscious emotions. *Neuropsychologia*, 81, 207–218. (Citations: 9; **IF** =3.20, **Q1** Psychology, Experimental, 13 of 84).
9. **Gilead^{PD}, M.**, Silverman^T, M., Boccagno^T, C., Weber^C, J., & Ochsner^{PI}, 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: 6; **IF** =9.66, **Q1** Multidisciplinary Sciences, 4 of 64).
10. **Gilead^{PI}, M.**, Liberman^{PI}, N., & Maril^C, 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^{PI}, M.**, Ben-David^S, Y., & Ecker^S, 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** =3.60, **Q1** Psychology, Social, 6 of 63).

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12. Ecker^S, Y., & Gilead^{PI}, 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^{PI}, M., Sela^S, M., & Maril^{PI}, A. (2019). *Social Psychological and Personality Science*. That's My Truth: Evidence for Involuntary Opinion-Confirmation (Citations: 4; **IF** =3.60, **Q1** Psychology, Social, 6 of 63).
14. Gilead^{PI}, M., Liberman^{PI}, N., & Trope^{PI}, Y. (in press, online first). *Behavioral and Brain Sciences (target article)*. Above and Beyond the Concrete: The Diverse Representational Substrates of the Predictive Brain (Citations: 0; **IF** =17.19, **Q1** Behavioral Sciences, 1 of 53).
15. Gilead^{PI}, M., Liberman^{PI}, N., & Trope^{PI}, Y. (in press, online first). *Behavioral and Brain Sciences (response to commentaries article)*. Above and Beyond Above and Beyond the Concrete (Citations: 0; **IF** =17.19, **Q1** Behavioral Sciences, 1 of 53).
16. Simchon^S, A., Guntuku, S. C., Simhon, R., Ungar, L. H., Hassin, R. R., & Gilead, M^{PI}. (in press) *Journal of Experimental Psychology: General*. Political Depression? A Big-Data, Multi-Method Investigation of Americans' Emotional Response to the Trump Presidency. (Citations: 0; **IF** =3.49, **Q1** Psychology Experimental, 12 of 88).

• Lectures and Presentations at Meetings and Invited Seminars

(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.

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- 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.
- 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.
- 2019 Haifa University, Israel. Psychology Program Seminar.
- 2019 Haifa University, Israel. Neurobiology Program Seminar.
- 2020 Tel Aviv University, Israel. Cognitive Program Seminar.
- 2020 Tel Aviv University, Israel. Social 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).
- 2017-2020** 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).
- 2020-2022** Joy ventures applicative grant. *I see How you feel: Classification of emotional states using thermal imaging and video magnification*. PI: Michael Gilead and Yitzhak Yitzhaki. \$90,000 (\$45,000 per year).

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• Present Academic Activities

Research in progress:

The Relation between Agentive Language and Sense of Control (Almog Simchon).
Expected date of completion: 2021.

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

Complexity, uncertainty, and accuracy in geopolitical forecasting: text analysis and a search for linguistic markers (Yhonatan Shemesh). Expected date of completion: 2022.

Declarative and Assertive Cognitive States. (Inon Raz). Expected date of completion: 2023.

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

Habermann^S, Maymon^S, R., A., Khen^S, S., Sher^S, L., Simchon^S, A., Anholt^{PI}, G., Bar-Kalifa^{PI}, E., Weber, J., Ochsner^{PI}, K., **Gilead^{PI}, M.** Mentalizing based emotion regulation.

Papers submitted for publication (indicate journal)

Hoss^S, A., **Gilead^{PI}, M.**, & Bereby-Meyer^{PI}, Y. The minimal territory effect (invited resubmission, *Psychological Science*).

Garanski^S, L., **Gilead^{PI}, M.** A gene-culture co-evolution model of political attitudes (*Personality and Social Psychology Bulletin*).

Simchon^S, A., & **Gilead^{PI}, M.** Terror-management in the digital age: a big-data investigation of uncertainty-related language following events of mass violence (under extended review, *Psychological Science*).

Ben-Yosef^S, G., Rosenblatt^{PI}, J.D.A., & **Gilead^{PI}, M.** The Predictive Five: Towards a low-dimensional, universally-predictive model of human behavior and attitudes (invited resubmission, *Nature Human Behavior*).

Haberman^S, A., **Gilead^{PI}, M.**, & Higgins^{PI}, E.T. Just be yourself: Regulatory focus moderates the effects of societal standards on personal well-being (invited resubmission, *European 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

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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).