**MICHAL BERNSTEIN-ELIAV, PhD**
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## Education

- 2018-2020 **Post-doctoral** researcher at the Sagol School of Neuroscience, Tel-Aviv University
  Supervised by Dr. Ido Tavor
- 2013-2017 **Ph.D.** Cognitive Neuroscience
  Sagol School of Neuroscience, Tel-Aviv University
  Title of Ph.D. thesis: The role of dynamic information in face processing
  Supervised by Prof. Galit Yovel
- 2011-2013 **M.A.** Psychology (Graduation grade: 98, *Cum Laude*)
  School of Psychological Sciences, Tel-Aviv University
  Title of M.A. thesis: The effects of perceptual grouping on the representation of multiple objects in object-category selective cortex
  Supervised by Prof. Galit Yovel
- 2009-2011 **B.Sc.** Neuroscience (Graduation grade: 96, *Magna Cum Laude*)
  Sagol School of Neuroscience, Tel-Aviv University

## Academic and Teaching Experience

- 2022-present **Psychology lecturer**, School of Communication and Behavioral Sciences, Netanya Academic College
- 2020-present **Research Associate**, Faculty of Medicine, Tel Aviv University
- 2019-present **Neuroanatomy lecturer**, Faculty of Medicine, Tel Aviv University
- 2015-present **Head of instructors**: Neuroanatomy course, Tel Aviv University
- 2015 **Visitor student** at the Medical Research Council (MRC) Cognition and Brain Sciences Unit, Cambridge University, Cambridge, UK
- 2012-2017 **Teaching assistant**: Neuroanatomy dissection instructor, Tel Aviv University

## Prizes and Awards

- 2023 Tel Aviv University Faculty of Medicine's Excellence Award
- 2020 Tel Aviv University Faculty of Medicine's Award for Excellence in Teaching
- 2016 Adams Super Center for Brain Studies Travel Award
- 2016 The David and Paulina Trotsky Foundation Award for Excellence
- 2015 National Institute of Psychobiology Travel Award
- 2015 International Neuropsychological Society Travel Award in memory of Prof. Shlomo Bentin
- 2015 The Daniel Turnberg Travel Fellowship Scheme Award
- 2015 Sagol School of Neuroscience Travel Award for Best Scientific Talk
- 2013 Excellence scholarship, Faculty for Social Science, Tel-Aviv University
- 2013 Excellence scholarship, School of Psychological Sciences, Tel-Aviv University
- 2013 Adams Super Center for Brain Studies Travel Award
- 2009-2012 Lautman Excellence Scholarship, Tel-Aviv University
- 2010-2011 Dean Excellence, B.Sc. studies
- 2009-2010 Dean Excellence, B.Sc. studies
- 2009-2010 Rector Excellence, B.Sc. studies

**Scientific Publications**

- Coldham Y., Halutz N., Elbaz E., Ben-David T., Racabi N., Gal S., **Bernstein-Eliav M.** Friedmann N., Tavor I. (2025). *Communications Biology*, 8: 353
- **Bernstein-Eliav M.**, Tavor I. (2024). The prediction of brain activity from connectivity: advances and applications, *The Neuroscientist,* 30(3):367-377
- Aridan N.*, **Bernstein-Eliav M.*** (*Equal contribution), Gamzu D., Tik N., Tavor I. (2023). Neuroanatomy in virtual reality: Development and pedagogical evaluation of photogrammetry-based 3D brain models. *Anatomical Sciences Education*, 17(2):239-248
- Tik N., **Bernstein-Eliav M.**, Gal S., Tavor I. (2023). Generalizing prediction of task-evoked brain activity across datasets and populations. *Neuroimage*, 276: 120213
- Gal S., Coldham Y., Tik N., **Bernstein-Eliav M.**, Tavor I. (2022). Act natural: Functional connectivity from naturalistic stimuli fMRI outperforms resting-state in predicting brain activity, *Neuroimage*, 258: 119359
- Gal S., Tik N., **Bernstein-Eliav M.**, Tavor I. (2022). Predicting individual traits from unperformed tasks, *Neuroimage*, 249: 118920
- Meningher I., **Bernstein-Eliav M.**, Rubovitch V., Pick CG., Tavor I. (2020). Alterations in Network Connectivity after Traumatic Brain Injury in Mice, *Journal of Neurotrauma*, 37(20): 2169-2179
- Tavor I., Botvinik-Nezer R., **Bernstein-Eliav M.**, Tsarfaty G., Assaf Y. (2020). Short-term plasticity following motor sequence learning revealed by Diffusion MRI, *Human Brain Mapping*, 41:442-452
- **Bernstein M.**, Erez Y., Blank I., Yovel G. (2018). An integrated neural framework for dynamic and static face processing, *Scientific Reports*, vol. 8
- **Bernstein M.**, Yovel G. (2015). Two neural pathways of face processing: A critical evaluation of current models, *Neuroscience & Behavioral Reviews*, vol. 55, 536-46
- **Bernstein M.**, Oron J., Sadeh B., Yovel G. (2014). An integrated face-body representation in the fusiform gyrus but not the lateral occipital cortex, *Journal of Cognitive Neuroscience*, vol. 26(11), 2469-78
- Yovel G., **Bernstein M.** (2014). Extracting social information from faces: The role of static and dynamic face information. *In Brain Mapping: An Encyclopedic Reference*, Editor: Arthur W. Toga

**Active Participation in Scientific Meetings**

- 2016 - Vision Sciences Society Annual Meeting, St. Pete, Florida
- 2016 - 'Sensing: From Minds to Machines' conference, Ben Gurion University, Israel
- 2016 - Israel Society for Cognitive Psychology Annual Meeting, Akko, Israel
- 2015 - Society for Neuroscience, Chicago, Illinois
- 2015 - Cambridge Neuroscience Symposium, Cambridge, UK
- 2015 - Person Recognition Conference, Jerusalem, Israel
- 2014 - Human Brain Project Education Workshop, Tel-Aviv, Israel
- 2014 - Israel Society for Cognitive Psychology Annual Meeting, Akko, Israel
- 2013 - Vision Sciences Society Annual Meeting, Naples, Florida
- 2012 - Israel Society for Neuroscience Annual Meeting, Eilat, Israel

**Volunteer Experience**

- 2012-2013 Cognitive Behavioral Treatment Clinic, Geha Mental Health Center

**Military Service**

- 2006-2009 MAMRAM (IDF's leading IT unit)

**Languages** English – Fluent, Hebrew – Mother tongue

* References available upon request