

May, 2026

CURRICULUM VITAE AND LIST OF PUBLICATIONS

Personal Details

Ayala Bloch
Date and place of birth: February 22, 1973, Israel
National Service (1990-1991)
+972-52-6522782, +972-3-9368538, ayalablo@ariel.ac.il

Education

Undergraduate and Graduate Studies

PH.D., BRAIN SCIENCE, 2003-2010, Bar-Ilan University, The Leslie and Susan Gonda (Goldschmied) Multidisciplinary Brain Research Center. Advisor: Professor Eli Vakil. Title: The Connections between Developmental Age, Attention Deficit, Learning Conditions and Retention Conditions and Memory of Context Information: Behavioral and Eye Movement Measures. Recipient, President's Scholarship for Excellence.
M.A., NEUROPSYCHOLOGY, 1996-1999, Hebrew University of Jerusalem, Psychology Department. Advisor: Professor Dan Hoofien. Title: Awareness to Memory Decline Among Patients with Brain Damage.
B.SC., PHYSICS AND PSYCHOLOGY, 1993-1995, Hebrew University of Jerusalem, CUM LAUDE.

Professional Licenses

July 2012	Certified Clinical Supervisor , #27-31875
June 2007	Specialization in Rehabilitation Psychology , #27-7790
Dec 2002	License to Practice Psychology , #27-7216

Academic Ranks and Tenure in Institutes of Higher Education

2025-	Department of Psychology, Ariel University SENIOR LECTURER	Ariel, Israel
2018-2024	Graduate Degree Program in Psychology, Ariel University LECTURER (FACULTY MEMBER)	Ariel, Israel
2008-2018	Graduate School of Psychology; Behavioral Sciences and Communications Departments, Ariel University ADJUNCT LECTURER AND GRADUATE RESEARCH SUPERVISOR	Ariel, Israel
2003-2004	Social Work and Social Sciences Departments, Ariel University ADJUNCT LECTURER	Ariel, Israel

Professional Activities

2015-2025	The National Institute of Neuropsychological Rehabilitation A non-profit organization, Israel's first and leading provider of neuropsychological and psychosocial rehabilitation following brain damage, serving 800 clients a year. CEO AND PROFESSIONAL DIRECTOR	Tel Aviv, Israel
2012-2015	Memory and Amnesia Lab (Prof. Eli Vakil), Bar-Ilan University LAB MANAGER	Ramat Gan, Israel
2007-2015	Neurological Rehabilitation Department, The Chaim Sheba Medical Center	Ramat Gan, Israel
2010-2015	HEAD OF PSYCHOLOGY	
2007-2010	EXPERT REHABILITATION PSYCHOLOGIST AND NEUROPSYCHOLOGIST	
2004-2007	Attention Clinic, The Chaim Sheba Medical Center NEUROPSYCHOLOGY INTERNSHIP	Ramat Gan, Israel
2000-2003	Child Development Center, The Chaim Sheba Medical Center PSYCHOLOGY INTERNSHIP	Ramat Gan, Israel

Voluntary and Elected Positions in Israeli Ministry of Health

2023-present	Member, Council of Health
2020-present	Chairperson, Council of Psychologists
2019-present	Member, National Council for Rehabilitation
2017-2020	Head, Professional Committee for Rehabilitation Psychology
2017-2020	Observing Member, Council of Psychologists
2017-2019	Member, Official Rehabilitation Program Planning Committee for Stroke Survivors in the State of Israel
2016-2019	Member, Committee for Neuropsychological Assessment
2012-2017	Member, Professional Committee for Rehabilitation Psychology

Membership in professional/scientific societies

2017-present	The International Neuropsychological Society
2012-present	The Israeli Association of Physical Medicine and Rehabilitation

Educational activities

Courses taught in Recent Years

- Ethics – Graduate – Graduate School of Psychology, Ariel University
- Introduction to Psychology – Undergraduate – Department of Psychology, Medical Faculty
- Rehabilitation Psychology Practicum – Graduate – Graduate School of Psychology, Ariel University
- Psychological Testing and Diagnostics: Neuropsychological Assessment – Graduate – Graduate School of Psychology, Ariel University
- Neurocognitive Development – Undergraduate – Department of Communication Disorders, Ariel University
- Master's Thesis Course – Graduate – Graduate School of Psychology, Ariel University
- Introductory and advanced psychology courses, including Research Methods and Introduction to Psychology – Undergraduate and Graduate – Social Work and Social Sciences Departments, Ariel University

Supervision of Research Students

1. In progress – Itschaly, D. – Master's, Ariel University
2. In progress – Pomerantz, R. – Master's, Ariel University
3. In progress – Wiesberg, Y. – Master's, Ariel University
4. In progress – Nachmani, G. – Master's, Ariel University
5. In progress – Feltz, D. – Master's, Ariel University
6. In progress – Choen R. – Master's, Ariel University
7. In progress – Arbiv, R. – Master's, Ariel University

8. In progress – Boniak, O. – Doctoral, Ariel University (Jointly supervised with Prof. Talma Kushnir)
9. In progress – Rasalan G. – Doctoral, Bar-Ilan University (Jointly supervised with Prof. Uri Rasovsky)

10. 2025 - Kolton, M. Master's, Ariel University
11. 2025 - Anzer, B. Master's, Ariel University
12. 2024 - Bernstein, L. Master's, Ariel University
13. 2023 – Hakak, D. – Master's, Ariel University
14. 2022 - Korotchenco, E. – Master's, Ariel University
15. 2022 – Rozenswieg N. – Master's, Ariel University
16. 2019 – Mitrani, Y. – Master's, Ariel University (Jointly supervised with Prof. Daniella Margalit)
17. 2018 – Kahana, D. – Master's, Ariel University (Jointly supervised with Prof. Daniella Margalit)
18. 2018 – Hassoun, S. – Master's, Ariel University (Jointly supervised with Prof. Dan Hoofien)
19. 2018 – Shaham, M. – Master's, Ariel University (Jointly supervised with Prof. Eli Vakil)
20. 2014 – Levine, M. – Master's, Ariel University (Jointly supervised with Prof. Eli Vakil)
21. 2014 – Tamir, D. – Master's, The Hebrew University of Jerusalem (Jointly supervised with Prof. Dan Hoofien)
22. 2014 – Fain, G. – Master's, Ariel University (Jointly supervised with Prof. Yoram Barav)

Scientific Publications

Citation Index

H-index (Google Scholar): **10**

Total number of citations of all articles (Google Scholar): **1001**

Conference Proceedings (peer-reviewed only)

1. Zehtabi, P., Pozanco, A., **Bloch, A.**, Borrajo, D., & Kraus, S. (2024). Contrastive Explanations of Centralized Multi-agent Optimization Solutions. Proceedings of the International Conference on Automated Planning and Scheduling (ICAPS). (CORE2023 rank: A*, acceptance rate of 18.7%)

Articles

Refereed articles in scientific journals

1. Submitted and Under Review:
 - a. **Bloch, A.**, Bernstein L., & Reizer A. Work Ethics and Perceived Quality of Life Among Individuals with Acquired Brain Injury: The Moderating Role of Time Since Injury
 - b. Feng, L., Cohen, R., Bloch, A., & Kraus, S. The Persuasion Paradox.
2. **Bloch, A.**, Hakak-Bronfman Dorin, Ferencz-Kaddari Michall, & Margalit Daniella (2026). Exploring Attitudes Towards a Written Contract in Psychotherapy: Insights from a Qualitative Research of Professionals. *British Journal of Guidance & Counselling*. DOI: 10.1080/03069885.2026.2643709
3. Wacks, Y., Koslowsky, M., **Bloch, A.**, & Weinstein, A. M. (2025). A longitudinal study on the relationships between impulsivity and excessive smartphone use among patients with acquired brain injury and control participants. *Frontiers in Psychiatry*, 16, 1691748.
4. **Bloch*, A.**, Sharoni, L., Shany-Ur, T., Maril, S., & Margalit, D. (2025). Feasibility and initial assessment of a holistic neuropsychological day program for vocational rehabilitation following non-central nervous system cancer. *Frontiers in Psychology*, 16, 1415038.
5. **Bloch*, A.**, Shany-Ur, T., Sharoni, L., Bar-Lev, N., Salomon-Shushan, T., Maril, S., Druckman, E., & Hoofien, D. (2023). Time from injury and age interact in relationship with perceived quality of life outcomes following vocation-focused neuropsychological rehabilitation. *Frontiers Psychology*, 14:1047615. DOI:10.3389/fpsyg.2023.1047615. (Citations: 0, journal impact factor: 3.8, journal ranking: 34/147, quartile: Q1)
6. Zwecker, M., Heled, E., Bluvstein, V., Catz, A., **Bloch, A.**, & Zeilig, G. (2022). Assessment of the unmediated relationship between neurological impairment and health-related quality of life following spinal cord injury. *Journal of Spinal Cord Medicine*, Epub ahead of print. DOI: 10.1080/10790268.2020.1788884. (Citations: 3, journal impact factor: 1.7, journal ranking: 179/212, quartile: Q4)
7. **Bloch*, A.**, Maril, S., Kavé, G. (2021). How, when, and for whom: decisions regarding remote neuropsychological assessment during the 2020 COVID-19 pandemic. *Israeli Journal*

- of Health Policy Research, 10(1):31. (Citations: 16, journal impact factor: 4.5, journal ranking: 8/87, quartile: Q1)
8. Bondi, M., Engel-Haber, E., Wolff, J., Grosman-Rimon, L., **Bloch, A.**, & Zeilig, G. (2021). Functional outcomes following inpatient rehabilitation of guillain-barré syndrome patients: Intravenous immunoglobulins versus plasma exchange. *NeuroRehabilitation*, Epub ahead of print. DOI: 10.3233/NRE-201640. (Citations: 9, journal impact factor: 2, journal ranking: 165/212, quartile: Q4)
 9. Tal, A., **Bloch, A.**, Cohen-Dallal, H., Aviv, O., Schwizer Ashkenazi, S., Bar, M., & Vakil, E. (2021). Oculomotor anticipation reveals a multitude of learning processes underlying the serial reaction time task. *Science Reports*, 11(1):6190. (Citations: 7, journal impact factor: 4.6, journal ranking: 21/134, quartile: Q1)
 10. Kavé, G., **Bloch, A.**, Shabi, A., & Maril, S. (2020). Neuropsychological assessment in the Israeli healthcare system: A practitioners' survey. *Israeli Journal of Health Policy Research*, 9:46. (Citations: 1, journal impact factor: 4.5, journal ranking: 8/87, quartile: Q1)
 11. **Bloch***, A., Shaham, M., Vakil, E., Schwizer Ashkenazi, S., & Zeilig, G. (2020). Examining implicit procedural learning in tetraplegia using an oculomotor serial reaction time task. *PLoS One*, 15(4):e0232124. (Citations: 4, journal impact factor: 3.7, journal ranking: 29/134, quartile: Q1)
 12. Kavé, G., **Bloch, A.**, Maril, S., & Shabi, A. (2020). Familiarity with neuropsychological assessment among Israeli physicians. *Archives of Clinical Neuropsychology*, acaa007. (Citations: 2, journal impact factor: 2.6, journal ranking: 29/92, quartile: Q2)
 13. Shany-Ur, T., **Bloch, A.**, Salomon-Shushan, T., Bar-Lev, N., Sharoni, L., & Hoofien, D. (2020). Efficacy of post-acute neuropsychological rehabilitation for patients with acquired brain injuries is maintained in the long term. *Journal of the International Neuropsychology Society*, 26(1):130-41. (Citations: 14, journal impact factor: 2.6, journal ranking: 131/269, quartile: Q2)
 14. Bondi, M., Zeilig, G., **Bloch, A.**, Fasano, A., & Plotnik, M. (2017) Split-arm swinging: The effect of arm swinging manipulation on inter-limb coordination during walking. *Journal of Neurophysiology*, 118(2):1021-33. (Citations: 15, journal impact factor: 2.5, journal ranking: 48/83, quartile: Q3)
 15. Vakil, E., **Bloch, A.**, & Cohen, H. (2017). Anticipation measures of sequence learning: Manual versus oculomotor versions of the serial reaction time task. *Quarterly Journal of Experimental Psychology*, 70(3):579-89. (Citations: 37, journal impact factor: 1.7, journal ranking: 53/92, quartile: Q3)
 16. **Bloch***, A. & Vakil E. (2017). In a context of time: The impact of delay and exposure time on the emergence of memory context effects. *Psychology Research*, 81(1):182-90. (Citations: 8, journal impact factor: 1.1, journal ranking: 153/215, quartile: Q3)
 17. **Bloch***, A., Tamir, D., Vakil, E., & Zeilig, G. (2016). Specific deficit in implicit motor sequence learning following spinal cord injury. *PLoS One*, 11(6):e0158396. (Citations: 24, journal impact factor: 3.7, journal ranking: 29/134, quartile: Q1)
 18. Nechemia, Y., Moreh, E., Weingarden, H., **Bloch, A.**, Givon, U., Vaknin-Dembinsky, A., Schwartz, I., Meiner, Z., & Zeilig, G. (2016). Effectiveness of multi-disciplinary rehabilitation for patients with neuromyelitis optica. *Journal of Spinal Cord Medicine*, 39(3):311-6. (Citations: 15, journal impact factor: 1.7, journal ranking: 179/212, quartile: Q4)

19. Zeilig, G., Weingarden, H., Zwecker, M., Dudkiewicz, I., **Bloch, A.**, & Esquenazi, A. (2012). Safety and tolerance of the ReWalkTM exoskeleton suit for ambulation by people with complete spinal cord injury: A pilot study. *Journal of Spinal Cord Medicine*, 35(2):96-101. (Citations: 601, journal impact factor: 1.7, journal ranking: 179/212, quartile: Q4)
-

Unrefereed professional articles and publications

1. **Bloch A.** (2025). Blast Traumatic Brain Injuries: A look at consequences, diagnosis, and treatment. Betipulnet (Hebrew).
2. Aviv, O., Zalstein, A.H., Ran, M., & **Bloch, A.** (2016). Neuropsychological assessment for people with MCI: Improving quality of life and preventing deterioration. *Psychoactualia: Journal of the Israel Psychological Association* (Hebrew), April:37.

Research Grants

2026	Sheba Medical Center grant for investigating sheltered medical services during war. 50,000 NIS for period of 24 months. Co-Pi with Dr. Ronit Lachmanovich, Professor Abira Rierzer, Dr. Rivi Frei.
2025	The Joint Fund of Ariel University and Adi Negev Medical Center. 80,000 NIS for period of 12 months. Title: Rehabilitative Goals in the Continuum of Care Following Trauma or Illness. Co-PI with Dr. Tsaki Ziv-Ner, Adi Negev.
2024	Maccabi Research and Innovation Grant. 100,000 NIS for 36 months. Title: The impact of hormone therapy on the risk for depression and dementia in older women. Co-PI with Dr. Moran Twick, The National Institute of Neuropsychological Rehabilitation.
2023	The Ariel University Fund. 5,500 \$ for period of 12 months. Title: Neuropsychology of Neuropsychology.
2022	Visiting scientist fellowship, Rotman Research Institute at Baycrest Health Sciences, University of Toronto Psychology Department, University of Toronto. 1,100 \$ for period of 2 months. Title: Resting stage EEG in the chronic phases of brain injury.
2021	The Ariel University Fund for New Researchers. 5,500 \$ for period of 12 months. Title: Neuropsychological Rehabilitation in the Community – Examining the Rehabilitation Continuum, efficacy, improvement and innovation.
2020	The Ariel University Fund for Advancement of Research on Older Adults. 5,500 \$ for period of 12 months. Title: Online neuropsychological treatment for MCI and early dementia: A pilot study comparing short-term individual and group interventions. With Dr. Tal Shany-Ur, the Hebrew University of Jerusalem.
2020	Minerva Center for Interdisciplinary Study of End of Life. 8,500 \$ for a period of 15 months. Title: Online neuropsychological treatment for MCI and early dementia: A pilot study comparing short-term individual and group

- 2017 interventions. With Dr. Tal Shany-Ur, the Hebrew University of Jerusalem and Dr. Sari Maril, the National Institute for the Rehabilitation of the Brain Injured. Israel National Institute for Health Policy Research. 36,000 \$ for a period of 18 months. Title: *What prevents people who need neuropsychological evaluation from receiving it through the national health law?* Co-PI, with Prof. Gitit Kave, the Open University of Israel.

Lectures and Presentations at Meetings and Invited Seminars not Followed by Published Proceedings (last five years)

Presentation of papers at conferences/meetings

1. Twick M., **Bloch A.**, & Deutch, B. (2026). Self-reported cognition, mood, and fatigue among BRCA1/2 mutation carriers by surgical and oncologic status: A cross-sectional study. Talk presented at the International Neuropsychological Society (INS) Annual Meeting. Philadelphia, PA, United States.
2. **Bloch, A.**, Bar-Lev, N., Sharoni, L., Korotchenco, E., & Hoofien, D. (2024). The Relationship between "Hold" Index and Personality Measures, and community-based neuropsychological rehabilitation outcomes. Poster presented at the International Neuropsychological Society event (INS2024). *New York, USA*.
3. **Bloch, A.**, Sharoni, L., Shany-Ur T., Maril, S. & Margalit, D. (2023). Efficacy of a holistic neuropsychological day program for vocational rehabilitation of nonCNS cancer survivors with CRCI. Talk presented at the International Neuropsychological Society (INS) Mid-Year Meeting. *Taipei, Taiwan*.
4. **Bloch, A.**, Shany-Ur T., Maril S., & Hoofien, D. (2023). Defining the interdisciplinary continuum of brain injury rehabilitation in light of the ICF framework. Poster presented at 20th NR-SIG-WFNR Conference.
5. **Bloch, A.** & **Sharoni, L.** (2021). Group interventions targeting executive functions and decision-making in survivors of non-CNS cancer. Workshop presented at the International Psycho-Oncology Society (IPOS) 22nd World Congress. *Online*.
6. **Bloch, A.**, Shany-Ur, T., Sharoni, L., Bar-Lev, N., Salomon-Shushan, T., Maril, S., Druckman, E., & Hoofien, D. (2020). Relationships between age, chronicity, and community-based neuropsychological rehabilitation outcomes. Poster presented at the International Neuropsychological Society virtual event (INS2020). *Online*.
7. **Bloch, A.** & **Sharoni, L.** (2019). The "Sulam" rehabilitation program for survivors of non-CNS cancer: Encouraging preliminary results. Poster presented at Rehab Science and Technology Update 2019. Tel Aviv, Israel. *Airport City, Israel*.
8. **Kavé, G.**, **Bloch, A.**, Maril, S., & Shabi, A. (2019). Familiarity with neuropsychological assessment among Israeli physicians. Talk presented at Rehab Science and Technology Update 2019. Tel Aviv, Israel. *Airport City, Israel*.
9. **Bondi, M.**, Grosman-Rimon, L., **Bloch, A.**, Wolf, J., & Zeilig, G. (2019). Talk presented at Rehab Science and Technology Update 2019. Tel Aviv, Israel. *Airport City, Israel*.
10. **Banner, A.**, Turgeman, O., Shany-Ur, T., & **Bloch, A.** (2019). Feasibility and preliminary findings of a pilot group program for anger management after acquired brain injury. Poster presented at the Annual Conference of the Israel Psychological Association Rehabilitation Division. *Nir Etzion, Israel*.

11. Sharoni, S. & **Bloch, A.** (2019). Reintegration following non-CNS cancer: Can we apply methods from Clinical Neuropsychology? Talk presented at the International Psycho-Oncology Society (IPOS) 21st World Congress. *Banff, Canada*.
12. Weil, A. A., Banner, A., **Bloch, A.**, & Shany-Ur, T. (2019). Mindfulness-based group therapy contributes to outcomes of neuropsychological rehabilitation of patients with brain injuries. Poster presented at the Annual Conference of the Israel Psychological Association Rehabilitation Division. *Nir Etzion, Israel*.
13. **Bloch, A.**, Maril, S., Hoofien, D., Shushan Salomon, T., Shany-Ur, T., & Bornstein, N.M. (2019). Neuropsychological assessment and community-based neurorehabilitation following stroke: A valid method? Poster presented at the 5th European Stroke Organization Conference. *Milan, Italy*.
14. **Bloch, A.**, Kahana, D., Maril, S., Margalit, D., & Hoofien, D. (2018). Can the Personality Assessment Inventory be used in Hebrew-speaking individuals with acquired brain damage? Validity and clinical considerations. Talk presented at Rehab Science and Technology Update 2018. *Tel Aviv, Israel*.
15. **Bloch, A.**, Kahana, D., Margalit, D., & Hoofien, D. (2018). The Personality Assessment Inventory in Hebrew-speaking individuals with acquired brain injury. Poster presented at International Neuropsychological Society (INS) Mid-Year Meeting. *Prague, Czech Republic*.
16. **Bloch, A.**, Shaham, M., Zeilig, G., & Vakil, E. (2018). Characterizing implicit sequence learning deficits following spinal cord injury using an oculomotor serial reaction time task among individuals with tetraplegia. Poster presented at Annual Meeting of the International Neuropsychological Society (INS). *Washington D.C., U.S.* Poster accepted for presentation at Annual Meeting of the International Neuropsychological Society. *Washington D.C., U.S.*
17. **Bloch, A.**, Maril, S., Kavé, G., & Margalit, D. (2018). A new vision for neuropsychological assessment: Unlocking the gate to rehabilitation for individuals with brain damage. Poster presented at Annual Meeting of the International Neuropsychological Society (INS). *Washington D.C., U.S.*

SERVICE

Moderator, Cognitive impairments in non-CNS cancer survivors: Challenges in vocational rehabilitation. Symposium at the International Psycho-Oncology Society (IPOS) 22nd World Congress 2021. *Online*.

Chair, Rehabilitation for Cancer Survivors. Symposium at Rehab Science and Technology Update 2019. Tel Aviv, Israel. *Airport City, Israel*.