

Michal Biran, PhD. – Curriculum Vitae

Department of Communication Sciences and Disorders

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Education:

- 2005-2010 PhD, School of Education, Tel-Aviv University.
Dissertation: "From word retrieval to sentence construction: Syntactic information in the lexicon". Supervisor: Prof. Naama Friedmann.
- 2000-2003 M.A., The Program of Cognitive Studies of Language and its Uses, School of Cultural Studies, The Faculty of Humanities, Tel-Aviv University. With distinction.
Thesis: "Levels of Lexical Retrieval: Evidence from Cueing and Paraphasias". Supervisor: Prof. Naama Friedmann.
- 1993-1996 B.A., Communication Disorders, Tel-Aviv University.
- 2011-2012 Post-doctoral fellow, Carl von Ossietzky Universität, Oldenburg, Germany.

Recent clinical work as speech-language therapist:

- 2018-present Speech Language Therapist, "Ezra Le-Marpe" Rehabilitation Center, Bnei-Brak. Aphasia, dysarthria and swallowing disorders.
- 1996-2015 Speech Language Therapist, the Department of Communication Disorders, Loewenstein Hospital Rehabilitation Center. Ra'anana. Aphasia, dysarthria and swallowing disorders.
- 2010-2015 Research-coordinator at the Department of Communication Disorders. Loewenstein Hospital Rehabilitation Center. Ra'anana. (i.e., initiator and in charge of researches administered at the department, investigating language impairments).

In addition, instruction of speech-language therapists in rehabilitation centers.

Current teaching

- Aphasia: Acquired language disorders in adults (B.A)
- Clinical integration – language and speech in adults (B.A)
- Research seminar in language processing (B.A)
- Aphasia: Between lexicon and syntax – seminar (M.A)
- Deficits in language processing (M.A)

Activities outside the university:

Editorial Board: Action editor, "Language and Brain" (in Hebrew)

Reviewer for scientific journals:

Cortex; Cognitive Neuropsychology; Journal of Speech, Language, and Hearing Research; International Journal of Language & Communication Disorders; Aphasiology; DASH BA-RESHET - The Israeli Journal of Language, Speech and Hearing Disorders.

Publications:

Peer reviewed journals

Balaban, N., Biran, M., & Sacher, Y. (accepted). Theory of Mind and Referring after Traumatic Brain Injury". *Aphasiology*.

Gvion, A., **Biran, M.**, & Shemesh, F. (2018). From theory to the clinic – Is it possible to detect different types of anomia according to the lexical retrieval model? *HAREFUAH*, 157(9), 570-575. (In Hebrew).

Biran, M., Novogrodsky, R., Harel-Nov, E., Gil, M., & Mimouni-Bloch, A. (2017). Characteristics of naming deficits in pre-school children: Can different profiles be diagnosed within the deficit? *Language and Brain*, 12, 89-108. (In Hebrew).

Antebi, E., & Biran, M. (2017). On verbs and complements: Complementation information in young children – with language impairment and with typical language development. *Language and Brain*, 12, 35-52. (In Hebrew).

Biran, M., Novogrodsky, R., Harel-Nov, E., Gil, M., & Mimouni-Bloch, A. (2017). What we can learn from naming errors of children with language impairment at preschool age. *Clinical Linguistics & Phonetics*, 32(4), 298-315.

Biran, M., & Friedmann, N. (2016). The crane is lifting the car: Access the grammatical gender of nouns in words and sentences. *Language and Brain*, 11, 1-23. (in Hebrew).

Biran, M., & Ruigendijk, E. (2015). Do case and gender information assist sentence comprehension and production for German- and Hebrew-speaking children? *Lingua*, 164, 215-238.

Biran, M., & Fisher, S.[#] (2014). Structured treatment can improve Predicate Argument Structure impairment. *Aphasiology*, 29, 29-56.

Biran, M., & Friedmann, N. (2012). The representation of Lexical-syntactic information: Evidence from syntactic and lexical retrieval impairments in aphasia. *Cortex*, 48, 1103-1127.

Friedmann, N., Biran, M., & Gvion, A. (2012). Patterns of visual dyslexia. *Journal of Neuropsychology*, 6, 1-30.

Biran, M., & Friedmann, N. (2008). Apathia in aphasia: Evidence from production and repetition tasks. *Language and Brain*, 7, 97-123. (in Hebrew).

Biran, M., & Friedmann, N. (2007). Lexical-syntactic information: Intact representation and possible deficits. *Language and Brain*, 6, 18-29. (in Hebrew).

Friedmann, N., Gvion, A., Biran, M., & Novogrodsky, R. (2006). Do agrammatic aphasics understand verb movement? *Aphasiology*, 20, 136-153.

Biran, M., & Friedmann, N. (2006). Learning from mistakes: Naming errors and phonological lexical retrieval. *Balshanut Ivrit*, 57, 23-47. (in Hebrew)

Biran, M., & Friedmann, N. (2005). From phonological paraphasias to the structure of the phonological output lexicon. *Language and Cognitive Processes*, 20, 589-616.

Friedmann, N., & Biran, M. (2003). When is gender accessed? A study of paraphasias in Hebrew anomia. *Cortex*, 39, 441-463.

Biran, M., & Friedmann, N. (2002). The effect of semantic and phonological cueing on the naming of aphasics with deficits in various levels of lexical processing. *Israeli Journal of Language, Speech and Hearing Disorders*, 24, 21-40. (in Hebrew)

Other Publications

Friedmann, N., Biran, M., & Dotan, D. (2013). Lexical retrieval and breakdown in aphasia and developmental language impairment. In C. Boeckx & K. K. Grohmann (Eds.), *The Cambridge Handbook of Bilingualism* (pp. 350-374). Cambridge, UK: Cambridge University Press.

Biran, M., Gvion, A., Sharabi, L., Gil, M. (2013). The representation of homophones in the phonological lexicon: Additional evidence from Hebrew. *Procedia Social and Behavioral Sciences*, 94, 86-87.

Biran, M., Friedmann, N., & Fisher, S. (2012). aPASia in aphasia: Assessment and treatment of impairment in complementation information. *Stem- Spraak- en Taalpathologie*, 17 (Supplement 2), 154-157.

Biran, M., & Friedmann, N. (2010). Lexical-syntactic information in aphasia: Verb complementation frames in production and repetition tasks. *Procedia Social and Behavioral Sciences*, 6, 170-171.

Gvion, A., Biran, M., & Friedmann, N. (2002). Does phonological working memory limitation cause comprehension deficits in agrammatic and conduction aphasia? *Brain and Language*, 83, 87-90.

Language assessments

Biran, M., & Friedmann, N. (2009). *PASTA Battery – PAS tests for aphasia*. Tel Aviv, Israel: Tel Aviv University.

Friedmann, N., & Biran, M. (2009). *MINDI Battery – Assessment of grammatical gender information*. Tel Aviv, Israel: Tel Aviv University.

Biran, M., & Friedmann, N. (2007). *MA KASHUR: Picture associations and word associations tests*. Tel Aviv, Israel: Tel Aviv University.

Biran, M., & Friedmann, N. (2004). *SHEMESH: Naming a hundred objects*. Tel Aviv, Israel: Tel Aviv University.