Tel-Aviv University

Faculty of Social Sciences

School of Psychological Sciences

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goshengott@gmail.com

CURRICULUM VITAE

Date and place of birth: 3 July, 1960, London, England

Marital Status: Married + 5

A. EDUCATION

1983-1987 Hebrew University Psychology B.A. 1987

Statistics

1989-1993 University of Toronto, Psychology Ph.D. 1993

B. ACADEMIC AND PROFESSIONAL EXPERIENCE

Employment			
1993- 1995	Tel-Aviv University	Psychology	Post-Doctoral Fellow
1995- 2000	Tel-Aviv University	Psychology	Lecturer
2001-2006	Tel-Aviv University	Psychology	Senior Lecturer

2001-2006 Tel-Aviv University Psychology Senior Lecturer
2006-2016 Tel-Aviv University Psychology Associate Professor
2016-present Tel-Aviv University Psychology Full Professor

Academic experience

1995- 1998	Founder and Chair of the Cognitive Colloquium
1996-1997	Chair, Library Committee, Department of Psychology. Tel-Aviv University
1996-1999	Member of the B.A. Board, Department of Psychology
1996	Chair, Organizing committee of the annual meeting of the Israeli Society
	of Cognitive Psychology on Consciousness. Tel-Aviv, June, 1996.
1997	Chair, 4th Scientific Conference of the Israeli Society of Cognitive
	Psychology. Tel-Aviv, October, 1997.
2001-2003	Chair, B.A. Board, Department of Psychology
2004 2010	Chair Cognitive Program Department of Psychology

2004- 2010 Chair, Cognitive Program, Department of Psychology

Ph.D. Board Member; M.A. Board, Member

2005-2007	Member of the steering committee for the Center of the Advancement of Teaching (Chair: Prof. Nira Chativa)
2005-2006	Tel-Aviv University Master's committee, Acting Member
2009	(Chair: Prof. Raanan Rein) Member of Search committee for Chair for the Department of Psychology
2011	(Chair: Prof. Noah Levine-Epstein) Member of Search committee for Chair for the Department of Psychology (Chair: Prof. Noah Levine Fratsia)
2007-2013	(Chair: Prof. Noah Levine-Epstein) Promotions committees, Department of Psychology
2011-Present	Member of the Faculty of Social Sciences Teaching Committee
2013-2015	Tel-Aviv University Master's committee, Member
	(Chair: Prof. Dina Prialnik)
2011-2015	Member of eight doctoral committees for PhD candidates at Tel-Aviv University
2015	Member of the Search committee for Chair for the School of Psychological Sciences (Chair: Prof. Tamar Ronen)
2015-2016	
	Chair, Cognitive Program, Department of Psychology
2016-2017	Visiting Professor, Department of Psychology, University of Michigan
2017-2022	Promotions committees, School of Psychological Sciences
2017-2022	Member of the University-Wide Admissions Committee
2018-2022	Faculty Member of the Board of Governors, Tel-Aviv University
2017-2022	Vice Dean for Curriculum, Students, & Admissions committee, Faculty of
	Social Sciences, Tel-Aviv University
2018-2022	'Small Senate', Member

C. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS

- **Goshen-Gottstein,** Y. & Moscovitch, M. (1992). Repetition priming for pre-existing and newly-formed associations. *The Canadian Society for Brian Behavior and Cognitive Science*. Quebec City, Quebec, June, 1992.
- **Goshen-Gottstein, Y.** & Moscovitch, M. (1992). The frequency attenuation effect for newly-formed associations . *Annual Meeting of the Psychonomic Society*. St. Louis, Mis., November, 1992.
- **Goshen-Gottstein, Y**. & Moscovitch, M. (1992). Implicit memory for newly formed associations in normal people, amnesic patients, and patients with temporal lobectomy. *Southern Ontario Neuropsychological Group*. Toronto, Ontario, November, 1992.
- **Goshen-Gottstein, Y.** & Moscovitch, M. (1995). Learning and memory: Systems and functions. *Society for Neuroscience*. Washington, D. C., November, 1995.
- **Goshen-Gottstein, Y.** (1996). When a picture is more than a thousand words: Automatic retrieval of new associations under shallow encoding conditions

- using a pictorial context. Paper presented at the Meeting of the Israeli Society of Cognitive Psychology. Tel-Aviv, IL, June, 1996.
- Goshen-Gottstein, Y. (1996). Separating perceptual and conceptual contributions to associative repetition effects. Paper presented at the International Conference on Memory. Abano Terme, Italy, July, 1996.
- Goshen-Gottstein, Y. & Ganel, T. (1997). Repetition priming for unfamiliar faces: Feelings of familiarity. Paper presented at the Fourth Scientific Conference of the Israeli Society of Cognitive Psychology. Tel-Aviv, October, 1997.
- Goshen-Gottstein, Y. Ganel, T. (1997). Repetition priming for unfamiliar faces: Hair today, gone tomorrow. Annual Meeting of the Psychonomic Society. Philadelphia, Penn., November, 1997.
- Goshen-Gottstein, Y., & Peres, N. (1998). Priming on implicit and explicit tests of memory within and across languages: Evidence for dissociative performance on perceptual and conceptual tasks. The 10th Annual meeting of the European Society of Cognitive Psychology (ESCOP). Jerusalem, IL, September, 1998.
- Goshen-Gottstein, Y. Ganel, T. (1998). Evidence for a common route for gender and identity processing in unfamiliar faces. The 10th Annual Meeting of the European Society of Cognitive Psychology. Jerusalem, Israel, September, 1998.
- Goshen-Gottstein, Y., & Peres, N. (1998). The bilingual lexicon: Evidence for symmetric connections between the two lexicons and the semantic system. Annual Meeting of the Psychonomic Society. Dallas, Texas, November, 1998.
- Goshen-Gottstein, Y., & Bergerbest, D. (1999). Applying the process-dissociation procedure to conceptual tests of memory: Evidence for unconscious influences? Annual Meeting of the Psychonomic Society. Los-Angeles, California, November, 1999.
- Usher, M., Goshen-Gottstein, Y., & Ashkenazi, A. (2000). Proactive interference dissociates recency effects in STM and LTM.. The 17th British Psychological Society Annual Conference: Cognitive Section. Essex, Great Britain, September, 2000.
- Goshen-Gottstein, Y., & Ashkenazi, A., & Usher, M. (2000). Report of the demise of short-term memory are much exaggerated. Annual Meeting of the Psychonomic Society. New Orleans, Louisiana, November, 2000.
- Goshen-Gottstein, Y. & Usher, M. (2000). Some new interpretations of recency effects. The 3rd International Conference on Memory (I-COM). Valencia, Spain, July, 2001.
- Goshen-Gottstein, Y., & Talmi, D. (2001). Recency effects in recognition memory are scale invariant: Evidence from the continuous-distracter task. Annual Meeting of the Psychonomic Society. Orlando, Florida, November, 2001.

- Ganel, T., & **Goshen-Gottstein, Y.** (2001). Sex is a part of who we are: Evidence for integrality between sex and identity of faces. *The 9th Annual Workshop on Object Perception and Memory (OPAM)*. Orlando, Florida, November, 2001.
- **Goshen-Gottstein, Y.**, & Ganel, T. (2001). Identity of faces is processed via the same route as their sex and emotions: Behavioral evidence from implicit memory and divided attention. *Cognitive Science Seminars*, Birkbeck College, University of London, November, 2001.
- Henson, R., **Goshen-Gottstein, Y**., Ganel, T, Quayle, A., & Rugg, M. Behavioural, electrophysiological and haemodynamic effects of face perception, familiarity and repetition. *Experimental Psychology Society*. London, England, January, 2002.
- Ganel, T., & **Goshen-Gottstein, Y**. (2002). Effects of familiarity on the perception of facial identity and expression. *The 10th Annual Workshop on Object Perception and Memory (OPAM)*. Kansas City, Kansas, November, 2002.
- **Goshen-Gottstein, Y.** (2002). Is context sufficient to interpret recency effects? Old question, new data. *The Brandies Symposium on episodic memory and context.* Orlando, Florida.
- Ganel, T., **Goshen-Gottstein, Y.,** & Goodale, M. A. (2003). Isolating face-dependent and face-independent processing of expression and direction of gaze. Paper presented at the *3rd Annual Meeting of the Vision Sciences Society*(VSS). Sarasota, FL, May 2003.
- **Goshen-Gottstein, Y.** & Bergerbest, D. (2003). The Origins of Levels-of-Processing Effects in a Conceptual Test: Evidence for Automatic Influences of Memory from the Process-Dissociation Procedure. *The Fifth Scientific Conference of the Israeli Society of Cognitive Psychology*. Beer-Sheva, IL, June, 2003.
- Greenberg, S. & **Goshen-Gottstein, Y.** (2003). Own-face imaging effect:

 Demonstrating that one's own face is processed differently than faces of others. *Annual Meeting of the Psychonomic Society*, Vancouver, BC, November, 2003.
- Talmi, D., Grady, C. L., **Goshen-Gottstein, Y**, & Moscovitch, M. Hippocampal Activation for Long-term but not Short-term Memory: An fMRI Study of Serial Position Effects in Recognition (September, 2003). *The Brenda Milner Symposium*, Montreal, Quebec.
- **Goshen-Gottstein, Y**., & Steinberg, A. G. (2003). List length effects in recognition memory as a function of serial position. *Annual Meeting of the Psychonomic Society*. Vancouver, BC, November, 2003
- Talmi D., Moscovitch M., Grady C., & **Goshen-Gottstein Y**. (2003). A comparison Between Retrieval from Working Memory and Retrieval from Long Term Memory. *Annual meeting of the Southern Ontario Neuropsychology Group* (SONG). St. Catharines, Ontario.

- Davelaar, E., Usher, M, Goshen-Gottstein, Y. & Ashkenazi, A., (2003). Short/long term memory in terms of activation versus weight-based processes. European Society of Cognitive Psychology (ESCOP). Granada, Spain, 17-20 September, 2003.
- Goshen-Gottstein, Y., & Ganel, T. (2003). Effects of familiarity on the perceptual integrality of the identity and expression of faces: The parallel-router hypothesis revisited. European Society of Cognitive Psychology (ESCOP). Granada, Spain, September, 2003.
- Davelaar, E. J., Usher, M., Goshen-Gottstein, Y., & Ashkenazi, A. (2004). A context/activation model of list memory. Meeting of the Experimental Psychological Society. London, UK, January, 2004.
- Ganel, T., Valyear, K., Goshen-Gottstein, Y., & Goodale, M. A. (2004). Greater fMRI activation in the "fusiform face area" for the processing of expression than the processing of identity: Implications for face-recognition models. Paper presented at the 4th Annual Meeting of the Vision Sciences Society (VSS). Sarasota, FL, May 2004.
- Ganel, T., Valyear, K., Goshen-Gottstein, Y., & Goodale, M. A. (2004). The involvement of the "fusiform face area" in processing facial expression. Paper presented at the 27th Annual Meeting of the European Conference on Visual Perception (ECVP). Budapest, Hungary, August 2004.
- Goshen-Gottstein, Y., & Steinberg, A. G. (2004). The spacing effect must resolve an identity crisis: A critical evaluations of the priming account of spacing effects. . The 6th Scientific Conference of the Israeli Society of Cognitive Psychology, Ramat Gan, IL, October, 2004.
- Goshen-Gottstein, Y., & Steingberg, A. G. (2005). The contribution of familiarity and recollection to immediate and continous-distractor recognition. Annual Meeting of the Psychonomic Society, Toronoto, Ontario, November, 2005.
- Goshen-Gottstein, Y., & Rosen, E. (2006). Manipulations that affect recollection and familiarity are entirely dependent on processing stage. Annual Meeting of the Psychonomic Society, Huston, Texas, November, 2006.
- Rosen, E. & Goshen-Gottstein, Y. (2008). The effects of fluency on familiarity and recollection in an associative memory task. Annual Meeting of the Psychonomic Society, Chicago, Illinois, November, 2008.
- Goshen-Gottstein, Y., & Yovel, G. (2008). Dissociating between the role of exposure and individuation in the other-race effect. Annual Meeting of the Psychonomic Society, Chicago, Illinois, November, 2008.
- Sadeh T., Maril A. & Goshen-Gottstein Y. (2009). Putting Context in Context: The Mnemonic Role of the Parahippocampal Cortex. The 5th Tel-Aviv Human Brain Mapping Meeting. Tel-Aviv, IL, September 2009.

- Sadeh T., Maril A. & Goshen-Gottstein Y. (2009). Dissociating between the processes mediating recall and recognition using neuronal signatures of item and context information. Annual Meeting of the Psychonomic Society. Boston, Mass, November 2009.
- Sadeh T., Maril A. & Goshen-Gottstein Y. (2010). Putting Context in Context: The Mnemonic Role of the Parahippocampal Cortex in Contextual Processing. Cognitive Neuroscience Society. Montreal, Quebec, April 2010.
- Didi-Barnea C., Peremen Z.,. & Goshen-Gottstein Y. (2011). Critical investigations of the z-ROC curve: Evidences for a Single-Process Model of Recognition Memory. The 27th Annual Meeting of the international society for Psychophysics. Tel-Aviv, IL, October 2011.
- Sadeh T., Maril A., Bitan T. & Goshen-Gottstein Y. (2011). Putting Humpty together and pulling him apart: Accessing and unbinding the hippocampal item-context engram. The Israel Society for Neuroscience (ISFN) Annual Meeting. Eilat, IL, December, 2011.
- Peremen Z., Didi-Barnea C. & Goshen-Gottstein Y. (2011). Evidences for a Single-Process Model of Recognition Memory. The 20th Annual Meeting of the Israel Society for Neuroscience, December 2011.
- Sadeh T., Maril A., Bitan T. & Goshen-Gottstein Y. (2012). Putting Humpty together and pulling him apart: Accessing and unbinding the hippocampal item-context engram. Brain Plasticity Symposium. Tel-Aviv, February 2012.
- Sadeh T., Moran R. & Goshen-Gottstein Y. (2012). New Data Supporting Dual-Process Account of Recall Using Remember-Know Judgments. Annual Meeting of the Psychonomic Society. Minneapolis, Minnesota, November, 2012.
- Didi-Barnea C., Peremen Z. & Goshen-Gottstein Y. (2012). In Support of the Continuous Dual-Process Model of Recognition Memory. Annual Meeting of the Psychonomic Society. Minneapolis, Minnesota, November, 2012.
- Sadeh, T., Moran, R., & Goshen-Gottstein, Y. (2013). Examining the Role of Context in the Retrieval Dynamics of Free Recall Using Remember-Know Judgments. Annual Meeting of the Psychonomic Society. Toronto, Ontario, November, 2013.
- Didi-Barnea, C., & Goshen-Gottstein, Y. (2013). Direct Access to Mnemonic Signals: In Support of the Continuous Dual-Process Model of Recognition Memory. Annual Meeting of the Psychonomic Society. Toronto, Ontario, November, 2013.
- Moran, R., Goshen-Gottstein, Y. (2014). Revisiting the basic axioms of recognition memory. The Israeli Society for Cognitive Psychology. Akko, Israel, February, 2014.
- Goshen-Gottstein, Y., & Groner, L. (2015). An ROC analysis of the diagnostic values of neutral and biased lineup instructions in discriminating between the presence and absence of a guilty suspect in a lineup. Society of Applied Research in Memory and Cognition. Victoria, BC, June, 2015.

- Goshen-Gottstein, Y., Brezis, N., & Bronfman, Z. (2015). Does the ERP signature of Remember-Know judgments represent anything more than strength? Festschrift in Honor of Prof. Morris Moscovich. Toronto, Ontario, May, 2015.
- Goshen-Gottstein, Y. (2016). Recollective and non-recollective processes in free recall. Invited speaker at the 6th International Meeting of the Haifa Forum of Brain and Behavior. Haifa, Israel, February, 2016
- Sadeh, T., Goshen-Gottstein, Y., Ozubko, J., Winocur, G., Moran, R., & Moscovitch, M. (2016). Testing the dual-factor theory of forgetting: Both interference and decay matter. International Conference on Memory (ICOM). Budapest, Hungary, July, 2016.
- Goshen-Gottstein Y., & Groner, L. (2016). An ROC analysis of neutral and biased lineup instructions in the discrimination of suspects. International Conference on Memory (ICOM). Budapest, Hungary, July, 2016.
- Biderman, N., Teodorescu, A., Hajaj, R., Luria., R., and Goshen-Gottstein, Y. (2017). Color memory declines with time and interference over both short and long time spans. The 17th Annual Meeting of the Vision Sciences Society. St. Pete Beach, FL. May, 2017.
- Goshen-Gottstein, Y., Brezis, N., Bronfman, Z., & Yovel, G. (2017). The Electrophysiological Signature of Remember-Know Judgments May Represent Mnemonic Strength. The 58th Annual Meeting of the Psychonomic Society, Vancouver, BC. November, 2017.
- Goshen-Gottstein, Y. (2018). False memories of sexual abuse as a cause of wrongful convictions. Invited speaker at the conference on: Wrongful Convictions in Canada and Israel: Barriers to Exoneration. The Halbert centre for Canadian studies, Faculty of law, The Hebrew University. Jerusalem, IL., April, 2018.
- Goshen-Gottstein, Y., Biderman, N., Teodorescu, A., Hajaj, R., Luria., R. (2018). Working memory has better fidelity than long-term memory: The fidelity constraint is not a general property of memory after all. The 3rd International meeting of the International Psychonomic Society. Amsterdam, The Netherlands, May, 2018.
- Goshen-Gottstein, Y., Levi, A., & Rottelo, C. M. (2019). Is it ever justified to use d'as a measure of sensitivity? Researchers should adopt da as their default measure of sensitivity. The 60th Annual Meeting of the Psychonomic Society. Montreal, Quebec, November, 2019.
- Levi, A., Rottelo, C. M & Goshen-Gottstein, Y. (2019). It's really tough to measure discriminability: Frequency of Type I error rates for the (geometric) area under the roc curve. The 60th Annual Meeting of the Psychonomic Society, Montreal, Quebec. November, 2019.
- Levi, A., Rotello, C., & Goshen-Gottstein, Y. (2019). Choice of an appropriate measure of accuracy is critical for the interpretation of results: Examining Type-I

- error rates for the Area Under the ROC Curve (AUC). The 6th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOP). Akko, Israel, February, 2019.
- Goshen-Gottstein, Y., Levi, A., & Rotello, C. (2019). Type-I error rates for traditional measures of sensitivity in recognition memory: Data from Monte Carlo simultions. The 6th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOP). Akko, Israel, February, 2019.
- Trzewik, M., Goshen-Gottstein, Y., Liberman, N., & Yovel, G. (2021). Social status affects face recognition in learned and unlearned images. The 8th Israeli Conference on Cognition Research. Virtual meeting, February, 2021.
- Taub K., Goshen-Gottstein, Y., & Yuval-Greenberg, (2021). Individual differences in the use of motor and visual cues in memory retrieval. The 21st Annual Meeting of the Vision Sciences Society (VSS). Virtual meeting, May, 2021
- Trzewik, M., Goshen-Gottstein, Y., Liberman, N., & Yovel, G. (2021). Out of the picture: Encoding faces as meaningful individuals affects recognition in both learned and unlearned images. European Social Cognition Network (ESCON), Virtual meeting. September, 2021.
- Trzewik, M., Goshen-Gottstein, Y., Liberman, N., & Yovel, G. (2022). Out of the picture: social relevance affects face recognition in both learned and unlearned images. Social and Personality Psychology (SPSP) Annual Convention. San Francisco, California. February, 2022.
- Levi, A., Rotello, C., & Goshen-Gottstein, Y. (2021). Getting sensitivity right: A comparison of correction implementations for binary tasks. The 9th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOP)-Virtual meeting. February, 2022.
- Levi, A., Rotello, C., & Goshen-Gottstein, Y. (2022) A comparison in recognitionmemory data of Type-I error rates: Comparing d', Percent Correct and da; The 63rd Annual Meeting of the Psychonomic Society. Boston, Massachusetts. November, 2022.
- Levi, A., Rotello, C., & Goshen-Gottstein, Y. (2022) Frequentist and Bayesian Analysis of da and d': Evidence from Empirical Data on How to Measure Sensitivity in Recognition Memory". The 10th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOP). Akko, Israel.
- Shoham, A., & Yovel, G., & Goshen-Gottstein, Y. (2022). Will confidence ratings increase accuracy in perceptual matching as they do in memory? The 63rd Annual Meeting of the Psychonomic Society. Boston, Massachusetts.
- Goshen-Gottstein, Y., Levi, A., & Rotello, C. (2022) Stop using d' and start using da: Evidence from empirical data on how to measure sensitivity in recognition memory. The 63rd Annual Meeting of the Psychonomic Society. Boston, Massachusetts.

- Levi, A., Rotello, C., & Goshen-Gottstein, Y. (2022). A comparison in recognitionmemory data of Type-I errors rates: Comparing d', percent correct and da. The 63rd Annual Meeting of the Psychonomic Society. Boston, Massachusetts.
- Taub, K., Goshen-Gottstein, Y., Yuval-Greenberg, S. (2023). Understanding the role of eye movements in memory retrieval. The 10th Conference on Cognition Research: The Israeli Society for Cognitive Psychology (ISCOP). Akko, IL, February, 2023.
- Levi, A., Rotello, C., & Goshen-Gottstein, Y. (2023). How to measure recognition memory: Data from Monte Carlo simulations and from recognition experiments. Fechner day: International meeting of the Psychophysics Society. Assisi, Italy.
- Levi, A. Rotello, C., & Goshen-Gottstein, Y. (2024). Stop using d'and start using da: Evidence from empirical data on how to measure sensitivity in recognition memory. International Meeting of the Psychometric Society (IMPS). Prague, Czech Republic.

D. **GRANTS AND ACADEMIC AND PROFESSIONAL AWARDS**

RESEARCH				
1984-1985	Hebrew University	Excellence Award		
1984-1987	Hebrew University	Dean's List		
1991-1993	University of Toronto	Simcoe Fellowship		
1989-1993	University of Toronto	University of Toronto Open	Fellowship	
1993-1994	Ben-Gurion UniversityWolf	Post-Doctoral Fellowship, d	eclined	
1993-1994	Hebrew University	Lady Davis, Post-Doctoral Fe	ellowship, de	clined
1993-1995	Tel-Aviv University	Vatat, Post-Doctoral Fellow	ship	
1996-1998	Tel-Aviv University	Allon Fellowship		
1997-1999	Tel-Aviv University	Israel Foundation Trustees	25,000 \$	PI
1998	Jerusalem, Israel	Poster Prize, 10th Conference of the ESCOP		
1999-2000	Tel-Aviv University	TAU Research Grant	7000\$	PI
2001-2005	Tel-Aviv University	Israel Science Foundation	160,000\$	PI
		Dissociations between recen and in the continuous-distract		
		unitary models of memory		0
2008-2012	Tel-Aviv University	Israel Science Foundation	160,000\$	PI
		Examining the crosstalk between		
2012 2015	Tal Asia Hairawita	and its sex and expression a	•	0 0
2012-2015	Tel-Aviv University	Ministry of Health	260,000 NI	
		A proposal for retarding the		
2015 2016	Tal Asia Hairawita	elderly participants using de	•	uiation
2015-2016	Tel-Aviv University	Edmond Safra Center for Ethics 10,000\$		
		On the relationship between	-	
		accuracy in eyewitness lineu	ips. A new en	ιριτιται
2015 2010	Tal Aviv University	framework	21F 000¢	DI
2015-2019	Tel-Aviv University	Israel Science Foundation	215,000\$	PI

Tel-Aviv University

CURRICULUM VITAE - 10

How many dimensions mediate remember-know judgments in free recall? A state-trace approach Israel Science Foundation 320,000\$ PI False discoveries in recognition memory: Empirical

and simulation studies in search of bias-

independent sensitivity measures

2023- 2027 Tel-Aviv University Binational Science Foundation 265,200\$ PI

Is it justified to promote d_a as the new gold standard to test sensitivity in recognition memory? Empirical and simulation investigations of statistical power

TEACHING (awards)

2020-2024

2004-2005 Tel-Aviv University Rector's award for Excellence in Teaching

E. MEMBERSHIP IN PROFESSIONAL SOCIETIES

<u>Year</u> <u>Society</u>

1995-Present Behavioral and Brain Sciences 1996-Present Psychonomic Society, U.S.A.

1998-Present Psychological Society

2014-Present Society for Applied research in Memory and Cognition (SARMAC)

2023-2023 Society for Psychophysics

F. EDITORIAL BOARDS and AD HOC REVIEWER

Editorial Board

2002-2006 Memory & Cognition

Reviewer for Granting Agencies

Israel Foundation Trustees

Israel Science foundation (ISF)

US-Israel Binational Science Foundation (BSF)

National Institute of Psychobiology in Israel

National Institute of Health (USA)

National Science Foundation (NSF)

Natural Sciences and Engineering Research Counsel of Canada (NSERC)

Collaborative Research in Computational Neuroscience (2015): National Science Foundation (NSF), National Institute of Health (NIH), German Federal Ministry for Education and Research (BMBF), the French National Research Agency (ANR), and the US-Israel Binational Science Foundation (BSF). March, 2015, Washington, DC.

The Bernstein Award for Computational Neuroscience (2015): The German Federal Ministry of Education and Research (BMBF), declined.

Ad hoc reviewer

Cognition

Cognition and Emotion

Cognitive Psychology

Journal of Clinical and Experimental Neuropsychology

Journal of Experimental Psychology: Applied Journal of Experimental Psychology: General

Journal of Experimental Psychology: Human Perception and Performance

Journal of Experimental Psychology: Learning, Memory, & Cognition

Journal of Memory and Language

Memory

Memory and Cognition

Nature

Nature Communications

Nature Human Behavior

Nature Neuroscience

Neuropsychologia

Neuropsychology

Plus One

Proceeding National Academy of Sciences (PNAS)

Psychological Review

Psychological Science

Psychology of Aging

Psychonomic Bulletin & Review

Quarterly Journal of Experimental Psychology

Science

Scientific Reports

The European Journal of Cognitive Psychology

G. STUDENTS SUPERVISED BY CANDIDATE

CURRICULUM VITAE - 12

Doctoral Students

<u>Year</u>	Name of Student	<u>Title of Thesis</u>	Additional Supervisor	Academic Institution
1997-2001	D. Bergerbest	Do automatic retrieval processes mediate performance when memory is cued with a conceptual cue? Evidence from the processdissociation procedure.	None	Tel-Aviv University
1999-2002	T. Ganel	The single-route hypothesis for the processing of sex and identity of faces	None	Tel-Aviv University
2005-2009	E. Rosenstreich	Dual process theory of recognition memory in light of encoding-retrieval interactions: An inherent connection between encoding and recollection	None	Tel-Aviv University
2001-2007	D. Helman	The National Lottery: Psychological analysis and implications	Prof. Mati Mintz	Tel-Aviv University
2002-2007	G. Ben-Sheffer	Predicting False Memories as a Function of Stress and Individual Differences	None	Tel-Aviv University
2009-2013	T. Sadeh	Is recollection a "recall-like" process and is recall a "recollection-like" process? Neural and behavioral investigations of the role of context in recall and recognition	None	Tel-Aviv University
2011-2013	C. Barnea-Did	The nature of the processes mediating recognition memory: Continuous, concurrent, and directly-accessible	None	Tel-Aviv University
2011-2015	R. Moran	Beyond Basic Decisions: Computational Mechanisms of Temporal and Spatial Uncertainty, Biases, Heterogeneity and Post- Decision Integration	Prof. Marius Usher	Tel-Aviv University
2014-2017	L. Groner	Examining the probative value of lineup decisions as a function of	None	Tel-Aviv University

CURRICULUM VITAE - 13

None

Tel-Aviv

University

confidence & individual differences in facial memory

2019-Present A. Levy A critical examination of single-point

and multiple-point sensitivity

measures

M.A. Students

<u>Year</u>	Name of Student	<u>Title of Thesis</u>	Additional Supervisor	Academic Institution
1995-1996	D. Bergerbest	Automatic retrieval of conceptual processing.	Prof. Lubow	Tel-Aviv University
1996	N. Peres	Cross language memory: A support for a transfer-appropriate processing account of memory.	None	Tel-Aviv University
1998	D. Shalev	Retrograde amnesia: A case study.	Prof. U. Hadar	Tel-Aviv University
1998-1999	T. Ganel	Characterizing the representations that mediate memory for faces.	Prof. Lubow	Tel-Aviv University
1999	Y. Neeman	Mediating factors in the process of thought suppression: The role of imagery in thought suppression and obsessionality	Prof. R. Dar	Tel-Aviv University
1999	Y. Freedman	Obsessive-compulsive style and false memory in world lists	Prof. R. Dar	Tel-Aviv University
1997-2000	H. Kempinsky	The effects of time on implicit and explicit conceptual tests of memory: Evidence for a dissociative pattern of memory decay.	None	Tel-Aviv University
1999-2000	M. Eisenstein	The role of REM sleep on consolidation of memory for perceptual information	None	Tel-Aviv University
1997-2000	A. Otinger	The role of surface-features in object representation	None	Tel-Aviv University
1997-2000	D. Talmi	Scale invariance in recognition memory	None	Tel-Aviv University
2002	K. Gal-Michelson	Attention and memory: Evidence from Stroop and process-dissociation procedures	Prof. Algom	Tel-Aviv University
2002	S. Atkins	Forgetting false memories	None	Tel-Aviv University

CURRICULUM VITAE - 14

2004	Y. Koyfman	An examination of the ability to discriminate between percepts and mental images in OCD patients	Prof. R. Dar	Tel-Aviv University
2005	E. Eytam	The relationship between working memory and the selectivity of attention	Prof. Algom,	Tel-Aviv University
2005	S. Beker	Distinguishing between neural activity for perceptually-based false and true memories: False memories created by a perceptual manipulation evoke different event related potentials than true memories	Prof. Bar- Haim	Tel-Aviv University
2006	D. Niv	Prospective memory and time estimation	Prof. D. Zakay	Tel-Aviv University
2007	E. Rosenstreich	The effect of a fluency manipulation of recollection and familiarity for item and associative information	None	Tel-Aviv University
2008	N. Shachar	Measuring behavior for the affective effect of musical stimuli	None	Tel-Aviv University
2009	Y. Ben-Moshe	Recollection and familiarity in judgments of facial stimuli	None	Tel-Aviv University
2010	L. Tal	Individual differences in working memory capacity modulate the intensity of regret	None	Tel-Aviv University
2010	M. Luzin	Verbal-visual categorization: State- dependent strategy or stable cognitive style	Prof. R. Dar	Tel-Aviv University
2011	K. Must-Schultz	The effects of age of cognitive style in retrieval processes and categorization	None	Tel-Aviv University
2011	C. Barnea	Direct perception of emotions or attribution?	None	Tel-Aviv University
2012	L. Ben-Zaken	Face Perception: Evidence from MDS for the integrality of the dimensions of identity and expression	None	Tel-Aviv University

CURRICULUM VITAE - 15

2013	A. Unza	Are neutral stimuli which are randomly assigned higher economic value better remembered?	None	Tel-Aviv University
2014	T. Rotman	Simulating order effects of the Defense versus the State on trial outcome	None	Tel-Aviv University
2016	N. Biederman	Fidelity in working memory and in long-term memory	None	Tel-Aviv University
2017-2019	A. Levy	Remember-Know in Free recall	None	Tel-Aviv University
2018-2019	R. Solomon	Generating ROC curves in change blindness	None	Tel-Aviv University
2018-2019	I. Babeli		None	Tel-Aviv University
2018-2019	A. Sklar	Semantic contiguity in final free recall Word frequency effects in free and forced recall	None	Tel-Aviv U.
2024-present	R. Danino	Measuring sensitivity while holding bias at a fixed level	None	Tel-Aviv U.

LIST OF PUBLICATIONS

A. ARTICLES

- 1. **Goshen-Gottstein, Y.** (1991). The possible futility of neuropsychology. *Behavioral and Brain Sciences, 14,* 448-449. **IF: 8.1; 7/150 Neurosciences; Q1; top 10%**
- Goshen-Gottstein, Y. & Moscovitch, M. (1995). Repetition priming for newlyformed and preexisting associations: Perceptual and conceptual influences. *Journal of Experimental Psychology: Learning, Memory and Cognition, 21,* 1229-1248. IF: 2.71; 7/64 Experimental Psychology; Q1
- Goshen-Gottstein, Y. & Moscovitch, M. (1995). Repetition priming effects for newly-formed associations are perceptually based: Evidence from shallow encoding and format specificity. *Journal of Experimental Psychology: Learning, Memory and Cognition, 21,* 1249-1262. IF: 2.71; 7/64 Experimental Psychology; Q1
- 4. Reingold, E. M. & **Goshen-Gottstein, Y.** (1996). Automatic retrieval of new associations under shallow encoding conditions. *Consciousness and Cognition, 5,* 117-130. **IF not available ; Experimental Psychology Q1-Q2 (1999-2013)**
- 5. Reingold, E., & **Goshen-Gottstein, Y**. (1996) Separating consciously-controlled and automatic influences in memory for associations. *Journal of Experimental Psychology: Learning, Memory and Cognition, 22*, 397-406.
 - IF: 2.71; 7/64 Experimental Psychology; Q1
- Bergerbest, D., & Goshen-Gottstein, Y. (1999). Measures of word association in Hebrew-association norms and their implications to tests of memory. Psychologia, 8, 83-96. Q4; IF:0.256
- 7. **Goshen-Gottstein, Y.** (1999). The functional role of representations cannot explain basic implicit memory phenomena. *Behavioral and Brain Sciences, 22,* 768-770. **IF: 11.28; 4/201 Neurosciences; Q1; top 10%**
- 8. **Goshen-Gottstein, Y.,** & Ganel, T. (2000). Repetition Priming for Familiar and Unfamiliar Faces in a Sex-judgment Task: Evidence for a Common Route for the Processing of Sex and Identity. *Journal of Experimental Psychology: Learning, Memory and Cognition, 26,* 1198-1214. **IF: 2.75; 7/64 Experimental Psychology; Q1**
- 9. **Goshen-Gottstein, Y.**, Moscovitch, M., & Melo, B. (2000). Intact Implicit Memory for Newly-Formed Verbal Associations in Amnesic Patients Following Single Study Exposures. *Neuropsychology*, *14*, 570-578. **IF: 2.70; 10/56 Psychology; Q1**
- 10. **Goshen-Gottstein**, Y., & Kempinsky, H. (2001). Probing memory with conceptual cues at multiple retention intervals: A comparison of forgetting rates on implicit and explicit tests. *Psychonomic Bulletin & Review, 8,* 139-146.
 - IF: 1.72; 1/10 Mathematical Psychology; Q1; top 10%
- 11. Bergerbest, D. & **Goshen-Gottstein**, Y. (2002). The Origins of Levels-of-Processing Effects in a Conceptual Test: Evidence for Automatic Influences of

- Memory from the Process-Dissociation Procedure. *Memory & Cognition, 30,* 1252-1262. **IF: 1.32; 33/66 Experimental Psychology; Q2**
- 12. Ganel, T., & Goshen-Gottstein, Y. (2002). Perceptual Integrality of Sex and Identity of Faces: Further Evidence for the Single-Route Hypothesis. *Journal of Experimental Psychology: Human Perception and Performance, 28,* 854-867. IF: 2.34; 13/66 Experimental Psychology; Q1
- Henson, R. N., Goshen-Gottstein, Y., Ganel, T., Otten, L. J., Quayle1, A., Rugg, M. D. (2003). Electrophysiological and haemodynamic correlates of face perception, recognition and priming. *Cerebral Cortex*, 13, 793-805.
 - IF: 5.63; 18/198 Neurosciences; Q1; top 10%
- 14. Ganel, T., & **Goshen-Gottstein, Y.** (2004). Effects of Familiarity on the Perceptual Integrality of the Identity and Expression of Faces: The Parallel-Route Hypothesis Revisited. *Journal of Experimental Psychology: Human Perception and Performance*, 30, 583-597. **IF: 2.53; 10/68 Experimental Psychology; Q1**
- 15. Davelaar, E., **Goshen-Gottstein, Y.**, Ashkenazi, A., Haarmann, H. J. & Usher, M. (2005). The demise of short-term memory revisited: Empirical and computational investigations of recency effects. *Psychological Review, 112*, 3-42. (Lead article). **IF: 7.99; 3/60 Psychology; Q1; top 10%**
- Ganel, T., Goshen-Gottstein, Y., & Goodale, M. (2005). Interactions between the processing of gaze direction and facial expression. *Vision Research*, 45, 1191-1200. IF: 2.03; 11/44 Neurosciences; Q1
- 17. Talmi, D., Grady, C. L., **Goshen-Gottstein, Y.**, & Moscovitch (2005). Neuroimaging the serial position curve: An test of single-store versus dual-store models . *Psychological Science*, *16*, 716-723. **IF: 4.5; 5/101 Psychology; Q1; top 10**%
- Ganel, T., Valyear, K. F., Goshen-Gottstein, Y., Goodale, M. A. (2005). The involvement of the "fusiform face area" in processing facial expression. Neuropsychologia, 43, 1645-1654. IF: 4.12; 4/42 behavioral sciences; Q1; top 10%
- 19. Davelaar, E. J., Haarmann, H. J., **Goshen-Gottstein, Y.**, & Usher, M. (2006). Semantic similarity dissociates short- from long-term recency effects: Testing a neurocomputational model of list memory. *Memory & Cognition, 34,* 323-334. **IF: 1.51; 31/68 Experimental Psychology; Q2**
- 20. Gorfine, T., Assaf, Y., **Goshen-Gottstein, Y.**, Yeshurun, Y., & Zisapel, N. (2006). Sleep-anticipating effects of melatonin in the human brain. *NeuroImage. 31*, 410-418. **IF: 5.56; 1/13 Neuroimaging; Q1; top 10%**
- 21. Talmi, D. & Goshen-Gottstein, Y. (2006). The long-term recency effect in recognition memory. *Memory*, 14, 424-436. IF: 1.67; 35/70 Experimental Psychology; Q2
- 22. Usher M., Davelaar, E. J., Haarmann, H. J., & Goshen-Gottstein, Y. (2008). Short-Term Memory After All: Comment on Sederberg, Howard, and Kahana (2008). *Psychological Review*, 115, 1108–1116. IF: 11.76; 3/61 Psychology; Q1; top 10%

- 23. Davelaar, E. J., Usher, M., Haarmann, H. J., & Goshen-Gottstein, Y. (2008). Through TCM, STM Shines Bright. *Psychological Review, 115*, 1116-1119 IF: 11.76; 3/61 Psychology; Q1; top 10%
- 24. Greenberg, S. N. & **Goshen-Gottstein, Y**. (2009). All faces are not processed equally: Evidence for featural rather than holistic processing of one's own face in a face-imaging task. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 35, 499-508. **IF: 3.34; 12/74 Experimental Psychology; Q1**
- 25. *Sadeh, T., Maril, A., Bitan, T., & **Goshen-Gottstein, Y**. (2012). Putting Humpty together and pulling him apart: Accessing and unbinding the hippocampal itemcontext engram. *NeuroImage*, *60*, 808-817.
 - IF: 6.25; 2/14 Neuroimaging; Q1; top 10%
 - *The article was selected by a member of F1000, placing our work in the top 2% of published articles in biology and medicine.
- 26. Orbach-Zinger, S., Ginosar, Y., Elliston, F., Abu-Lil, Raz, I., **Goshen-Gottstein, Y.**, & Eidelman, L. A. (2012). The influence of preoperative anxiety on post spinal hypotensionin women undergoing cesarean delivery. *British Journal of Anesthesia*, 109, 943–949. **IF: 4.24; 3/30 Anesthesiology; Q1; top 10%**
- 27. Didi-Barnea, C., Pereman, Z., & Goshen-Gottstein, Y. (2012). Subjective judgments of recollection do not necessarily reflect two qualitatively different recognition processes. *Journal of Molecular Neuroscience*, 48, S26-S27. IF: 2.89; 124/252 Neurosciences; Q2
- 28. Yovel, G., Halsband, K., Pelleg, M., Farkash, N., Gal, B., & Goshen-Gottstein, Y. (2012). Can massive but passive exposure to faces contribute to face recognition abilities? *Journal of Experimental Psychology: Human Perception and Performance*, 38, 285-289. IF: 2.4; 20/84 Experimental Psychology; Q1
- 29. Sadeh, T., Maril, A., Bitan, T., & **Goshen-Gottstein, Y**. (2012). Encoding –related activity dissociates between the recollective processes underlying successful recall and recognition: A subsequent-memory study. *Neuropsychologia*, *50*, 2317-2324. **IF: 3.48; 11/49 Behavioral Sciences; Q1**
- 30. Moran, R., & **Goshen-Gottstein, Y.** (2014). The conditional-recency dissociation is confounded with nominal recency: Should unitary models of memory still be devaluated? *Psychonomic Bulletin & Review, 21,* 332-343.
 - IF: 3.37; 1/13 Mathematical Psychology; Q1; top 10%
- 31. Sadeh, T., Moran, R., & Goshen-Gottstein, Y. (2015). When items 'pop into mind': Variability in temporal-context reinstatement in free-recall. *Psychonomic Bulletin & Review, 22*, 779–790. IF: 3.37; 1/13 Mathematical Psychology; Q1; top 10%
- 32. Bein, O, Livneh, N., Reggev, N., Gilead, M., Goshen-Gottstein, Y., & Maril, A. (2015). Delineating the Effect of Semantic Congruency on Episodic Memory: The Role of Integration and Relatedness. *Plos One, 10*: e0115624.

 IF: 3.23; 9/57 Mutidisciplinary Sciences; Q1
- 33. Moran, R., & **Goshen-Gottstein, Y.** (2015). Old processes, new perspectives: Familiarity is correlated with (not independent of) recollection and is more (not

- equally) variable for targets than for lures. *Cognitive Psychology, 79,* 40-67. **IF: 5.06; 9/76 Psychology; Q1; top 10%**
- 34. Rosenstreich, E., & Goshen-Gottstein, Y. (2015). Recollection-based retrieval is influenced by contextual variation at encoding but not at retrieval. *PLoS ONE 10*: e0130403. IF: 3.23; 9/57 Mutidisciplinary Sciences; Q1
- 35. Didi-Barnea, C., Pereman, Z., & Goshen-Gottstein, Y. (2016). Critical simulations in healthy participants of the unitary zROC slope found in amnesics: Amnesia may be characterized as the inability to form strong memories, recollection as well as familiarity. *Neuropsychologia*, 90, 94-109. IF: 3.302; 10/51 Behavioral Sciences; Q1
- 36. Brezis, N., Bronfman, Z., Yovel, G., & **Goshen-Gottstein, Y.** (2017). The electrophysiological signature of remember-know is confounded with memory strength and cannot be interpreted as evidence for dual-process theories of recognition. *Journal of Cognitive Neuroscience, 29*, 1-15. **IF: 3.56; 60/252 Neurosciences; Q1**
- 37. Sadeh, T., Moran, R., Stern, Y., & Goshen-Gottstein, Y. (2018). A remember/know examination of free-recall reveals dissociative roles of itemand context-information over time. *Scientific Reports, 8,* 13493. doi:10.1038/s41598-018-31401-w. https://www.nature.com/articles/s41598-018-31401-w#Sec21, IF: 4.12; Q1
- 38. Biederman, N., Luria, R., Teodorescu, A., Hajaj, R., & **Goshen-Gottstein, Y**. (2019). Working memory has better fidelity than long-term memory: The fidelity constraint is not a general property of memory after all. *Psychological Science*, 30, 223-237. **IF:** 6.13. Q1
- 39. Sadeh, T., Chen, J., **Goshen-Gottstein, Y**., Moscovitch, M. (2019). Overlap between hippocampal pre-encoding and encoding patterns supports episodic memory. *Hippocampus*, *29*, 836–847.
- 40. Levi, A., Mickes, L., & **Goshen-Gottstein, Y.** (2021). The new hypothesis of everyday amnesia: An effect of criterion placement, not memory. *Neuropsychologia*, *166*, *1-3*.
- 41. **Goshen-Gottstein, Y.**, Levi, A., Mickes, L. (2022). Signal-detection theory separates the chaff of bias from the wheat of memory: Illuminating the triviality of high-confidence judgments. *Neuropsychologia*, 166, 108-116.
- 42. Levi, A., Rotello, C., & **Goshen-Gottstein, Y**. (2024). Stop using d' and start using da: Part I. Simulation explorations of single-and multi-point recognition measures of sensitivity. *PsyArXiv*.
- 43. Levi, A., Rotello, C., & **Goshen-Gottstein, Y**. (2024). Stop using d' and start using da: Part II. Empirical Recognition Memory Data Reveal Type-I Error Rates of Different Sensitivity Measures. *PsyArXiv*.
- 44. Trzewik, M, **Goshen-Gottstein, Y.**, Yovel, G., & Liberman, N. (in press). *Group information enhances recognition of both learned and unlearned faces*.

appearances. Journal of Personality and Social Psychology: Attitudes and Social Cognition.

45. *

46. Levi, A., Rotello, C., & **Goshen-Gottstein, Y**. (in preparation). Geometric Area under the Curve (AUC_g) is not a bias-independent measure of sensitivity.

B. CHAPTERS IN BOOKS

- 1. Moscovitch, M., Vriezen, E. & **Goshen-Gottstein, Y.** (1993). Implicit tests of memory in patients with focal lesions or degenerative brain disorders. H. Spinnler and F. Boller (Eds.), *Handbook of Neuropsychology*, Volume 8 (F. Boller & J. Grafman, Volume Editors, pp. 133-173). Amsterdam, Elsevier.
- Moscovitch, M., Goshen-Gottstein, Y., & Vriezen, E. (1994). Memory without conscious recollection: A tutorial review from a neuropsychological perspective.
 Umilta and M. Moscovitch (Eds.) Attention and Performance XV: Conscious and Nonconscious Processes in Cognition (pp. 619-660). Cambridge, MA: MIT/Bradford Press.
- Peremen Z., Didi-Barnea C., & Goshen-Gottstein Y. (2011) Critical investigations of the z-ROC curve: Evidences for a Single-Process Model of Recognition Memory (2011). In Algom, D., Zakay, D., Chajut, E., Shaki, S., Mama, Y., & Shakuf, V. (Eds.) (2011) Fechner Day 2011: International Society for Psychophysics. Raanana, Israel: International Society for Psychophysics.
- 4. Sadeh T., Moran, R., & Goshen-Gottstein Y. (2011). Temporal Contiguity Effects in Free-Recall Reveal Differential Reliance on Contextual Processing for Remember Vs. Know Judgments. In Algom, D., Zakay, D., Chajut, E., Shaki, S., Mama, Y., & Shakuf, V. (Eds.) (2011) Fechner Day 2011: International Society for Psychophysics. Raanana, Israel: International Society for Psychophysics.

C. TEXTBOOKS

- 1. Goshen-Gottstein, Y., & Zakay, D. (2001). Introduction to cognitive psychology (Unit 1). In: Cognitive Psychology. The Open University.
- 2. Goshen-Gottstein, Y., & Zakay, D. (2001). Introduction to Human Memory: The three-store model (Unit 2). In: Cognitive Psychology. The Open University.
- 3. Goshen-Gottstein, Y., & Zakay, D. (2001). Declarative Memory (Unit 3). In: Cognitive Psychology. The Open University.

D. OTHER PUBLICATIOBS

1. **Goshen-Gottstein, Y.** Learning and Memory. <u>Encyclopedia of Life Sciences. Macmillan: London. (Refereed chapter).</u>

October, 2023