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CURRICULUM VITAE AND LIST OF PUBLICATIONS

Avishai Henik

Born:	April 26, 1945; Tel-Aviv, Israel
Military Service:	1963-1965
Work Address:	Department of Psychology Ben-Gurion University of the Negev (BGU) Beer-Sheva, Israel 84105
E-mail:	henik@bgu.ac.il
BGU homepage:	http://in.bgu.ac.il/humsos/psych/eng/Pages/staff/Avishai_en.aspx
Lab website:	http://in.bgu.ac.il/en/Labs/CNL/Pages/CNL.aspx
ResearcherID profile	http://www.researcherid.com/rid/F-1176-2012

EDUCATION

1968-1971	BA	Ben-Gurion University of the Negev, Beer-Sheva, Psychology
1971-1974	MA	Hebrew University, Jerusalem, Psychology Advisor: Daniel Kahneman Title: Intrusions in dichotic listening
1974-1979	PhD	Hebrew University, Jerusalem, Psychology Advisor: Daniel Kahneman Title: Unit grouping and attention in tachistoscopic perception

Other training

1980-1982	Postdoctoral Fellow, Department of Psychology, University of Oregon, Eugene, Oregon, and Cognitive Neuropsychology Laboratory, Neurological Sciences Center, Good Samaritan Hospital, Portland, Oregon.
Summer 1991	McDonnell Foundation Summer Institute in Cognitive Neuroscience. A two week institute of advanced study at Dartmouth Medical School, Hanover, New Hampshire.

EMPLOYMENT HISTORY

1971-1973	Researcher, Military Psychological Unit, Israel Defense Forces.
1973-1979	Instructor, Department of Behavioral Sciences, BGU.
1979-1980	Lecturer, Department of Behavioral Sciences, BGU.
1980-1982	Postdoctoral Fellow, Department of Psychology, University of Oregon, Eugene, Oregon, and Cognitive Neuropsychology Laboratory, Neurological Sciences Center, Good Samaritan Hospital, Portland, Oregon.
1982-1984	Lecturer, Department of Behavioral Sciences, BGU.
1984	Senior Lecturer, Department of Behavioral Sciences, BGU.
Summers 1986, 1988	Visiting Scientist, Department of Psychology, University of Utah, Salt Lake City, Utah.
1987-1989	Chairman, Department of Behavioral Sciences, BGU.
1989-1990	Visiting Scientist, Department of Neurology, U.C. Davis, VA Medical Center, Martinez, California, U.S.A.
1992	Associate Professor, Department of Behavioral Sciences, BGU.
1992-1994	Associate-Dean, Faculty of Humanities and Social Sciences, BGU.
1994-1995	Visiting Scientist, Department of Neurology, U.C. Davis, VA Medical Center, Martinez, California, U.S.A.
1996	Professor, Department of Behavioral Sciences, BGU.
2007-2008	Visiting Scientist, Department of Psychology, U.C. Berkeley, California, U.S.A.
2014	Distinguished Professor, Ben-Gurion University of the Negev
2019-2020	Dean, School for Advanced Studies, Achva Academic College

PROFESSIONAL ACTIVITIES

Positions in academic administration

1987-1989	Chairman, Department of Behavioral Sciences, BGU.
1992-1994	Associate-Dean, Faculty of Humanities and Social Sciences, BGU.
1996-2000	Academic Coordinator BGU-Achva College.
1997-2000	Chairman, Department of Behavioral Sciences, BGU.
1999-2002	Chairman, Zlotowski Center for Neuroscience, BGU.
2001-2007	Dean, Faculty of Humanities and Social Sciences, BGU.
2013-2015	Director, Inter-Faculty Brain Sciences School, BGU.

Professional functions outside the university

1991-1994	Steering Committee and Board of Directors, National Institute for Testing and Evaluation.
1991-1994	Inter-University Admission Policy Committee.
1998	Committee for awarding the Israel Prize in the social sciences.
1999 - 2006	Council of Psychologists, Ministry of Health.
2002 - 2005	Board of Directors, FIRST (Focal Initiative in Research in Science and Technology) Bikura, Israel Science Foundation.
2003-2007	Council of Higher Education (CHE) Committee for the evaluation of the Brain Sciences program at Bar-Ilan University.
2004, 2007	CHE Committee for the evaluation of The Academic College of Tel Aviv-Yafo MA degrees in psychology, Chair.
2006	CHE Committee for the evaluation of MA programs in psychology.
2005-2006	Kindergarten-to-Third-Grade Committee, the educational initiative of the Israel Academy of Sciences, Yad Ha'nadiv and Ministry of Education.
2007-	CHE Committee for the evaluation of Ruppin Academic Center MA degrees in clinical psychology and Emek Israel Academic College BA degree in psychology, Chair.
2007	Committee for awarding the Israel Prize in psychology.
2008	Rothschild Fellowships Committee in the natural, exact and life sciences and engineering.
2008-2009	CHE Committee for the evaluation of accredited psychology and behavioral sciences studies in Israel.
2010-2012	CHE-MoH (Committee for Higher Education - Ministry of Health) national coordination of MoH and departments of psychology regarding studies and internship, Chair.
2013-2016	ESCoP (European Society for Cognitive Psychology) Executive Committee.
2016-2018	MCLS (the Mathematical Cognition and Learning Society) Governing Board.
2017	MCLS Governing Board, Chair.
2019	CHE Committee for the evaluation of the Interdisciplinary Center Herzliya (IDC) PhD program in psychology.
2021-2022	Azrieli Early Career Faculty Fellowships Committee.
2021	CHE Committee for the evaluation of IDC accreditation as a university.
2023-2024	Azrieli Early Career Faculty Fellowships in the Social Sciences Committee, Chair.

Member of editorial board

1994-2002	Psychologia (Hebrew)
1997-2008	Neuropsychology
2002-2011	Associate editor: TheScientificWorldJOURNAL - Cognition and Higher Level Brain Function Domains
2006-	Neuropsychologia
2007-2010	The Open Behavioral Science Journal
2008-2011	Psyche, the journal of the Association for the Scientific Study of Consciousness
2010	Developmental Neuropsychology, special issue on numerical cognition, Guest Editor
2015-2018	Journal of Numerical Cognition, Associate Editor
2016-2018	Acta Psychologica, special issue on the Stroop task, Guest Editor

2017-2022	Journal of Experimental Psychology: General, Consulting Editor
2020-	Psychonomic Bulletin and Review, Consulting Editor
2021-	Learning Research and Practice (NIE), International Advisory Board

Reviewer

Journals

Acta Psychologica; Animal Cognition; Annals of the New York Academy of Sciences; Archives of General Psychiatry; Attention, Perception & Psychophysics; Behavioral and Brain Functions; Brain and Cognition; Brain Research; British Journal of Developmental Psychology; British Journal of Psychology; Cerebral Cortex; Cerebral Cortex Communications; Cognition; Cognitive Brain Research; Cognitive Development; Cognitive Neuropsychiatry; Cognitive Neuroscience; Cognitive Psychology; Computers in Human Behavior; Consciousness and Cognition; Cortex; Current Psychology of Cognition; Developmental Psychology; European Journal of Cognitive Psychology; European Journal of Neuroscience; Experimental Brain Research; Frontiers of Human Neuroscience; Infancy; Israel Journal of Medical Sciences; Journal of Abnormal Psychology; Journal of Affective Disorders; Journal of Cognitive Neuroscience; Journal of Experimental Child Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Neuroscience; Journal of the International Neuropsychological Society; Learning and Individual Differences; Memory and Cognition; NeuroImage; Neuropsychologia; Neuropsychology; Neuroscience; Neuroscience & Biobehavioral Reviews; Perception & Psychophysics; Proceedings of the National Academy of Sciences of the United States of America (PNAS); Progress in Neuro-Psychopharmacology & Biological Psychiatry; Psychiatry Research; Psychologia; Psychological Bulletin; Psychonomic Bulletin and Review; Psychological Research; Psychological Science; Quarterly Journal of Experimental Psychology; Schizophrenia Research; Science; Scientific Reports; The Journal of Neuroscience; Trends in Cognitive Sciences; Visual Cognition.

Books

Oxford University Press.

Grants

Biotechnology and Biological Sciences Research Council, UK (BBSRC); British Academy; Economic and Social Research Council, UK (ESRC); European Research Council (ERC); German-Israeli Foundation for Scientific Research and Development (GIF); Israel Science Foundation (ISF); Medical Research Council, UK (MRC); National Institute of Education, Singapore (NIE); National Research Foundation, Singapore (NRF); National Science Foundation, USA (NSF); Natural Sciences and Engineering Research Council of Canada (NSERC); Netherlands National Initiative Brain and Cognition (NIBC); Research Foundation Flanders (FWO); Swiss National Science Foundation (SNSF); US-Israel Binational Science Foundation (BSF); Wellcome Trust, UK.

Grant committees

European Research Council (ERC); Israel Foundations Trustees; Israel Science Foundation (ISF); Israel Ministry of Education; Romanian National Research Council (CNCS)

Doctoral examiner/doctoral committee membership

Dr. María Ruz Cámara, Universidad de Granada, Spain, May 2005
Dr. Jan Lammertyn, Ghent University, Belgium, March 2006
Dr. Alicia Callejas Sevilla, Universidad de Granada, Spain, June 2006
Dr. Meltem Ballan, Flordia Atlantic University, USA,
Dr. Fenia Kalogeropoulou, University of Sheffied, Thessaloniki, Greece, May, 2011
Dr. Karolien Smets, KU Leuven - University of Leuven, Leuven, Belgium, September, 2014
Ms. Wang Fengjuan, Nanyang Technological University, National Institute of Education, Singapore, 2020-

Society membership

1982-2006	International Neuropsychological Society - INS
1982-	American Psychological Association (foreign affiliate)
1985-2000	Israel Psychological Association
1991-	European Society of Cognitive Psychology - ESCOP
1991-	Psychonomic Society

1991-	Israel Society of Cognitive Psychology
1995-	Cognitive Neuroscience Society - CNS
2002-	Association for the Scientific Study of Consciousness - ASSC
2003-	Association for Psychological Science – APS (Fellow, 2009)
2008-	International Academy for Research in Learning Disabilities - IARLD
2010-	International Mind, Brain, Education Society - IMBES
2013-	Vision Sciences Society - VSS
2015-	Mathematical Cognition and Learning Society (MCLS)

EDUCATIONAL ACTIVITIES

Courses taught

Attention; Brain and Behavior; Cognitive Neuropsychology; Inferential Statistics; Introduction to Neuropsychology; Introduction to Psychology; Introduction to Statistics; Laboratory in Word Processing; Perception; Psychobiology of Attention; Psychobiology of Word Processing; Research Methods for the Behavioral Sciences.

Research students (MA and PhD)

‡ Competitive (e.g., Rothschild) post-doctoral fellowship

1987	Meyer, Y., MA (with Tzelgov)	Munitz, S., MA (with Priel)
1989	Mutzafi, R., MA (with Tzelgov)	Elior, I., MA (with Tzelgov)
	Srebro, R., MA (with Tzelgov)	Dekel, A., MA (with Priel)
1990	Berger, J., MA (with Tzelgov)	
1991	Eben-Ezra, S., MA (with Tzelgov)	Milman, O., MA (with Tzelgov)
	Levi-Manor, T., MA (with Tzelgov)	
1992	Berger, A., MA	Keller, G., MA (with Priel)
1994	Cohen, A., MA	
1995	Cohen, D., MA	Nissimov, E., MA
1996	Dori (Ron), H., MA	Shilo, N., MA
	Ba'adani, A., MA	
1997	Yanai (Hanuni), M., MA	Spitzer-Davidson, I., MA
	Binyamin, L., MA	
1998	Berger, A., PhD ‡ Currently at BGU	Meiran, N., MA
	Amram, S., MA	Rubinsten, O., MA
	Chorev, Z., MA	Safadi, Z., MA
	Jedwab, L., MA	Shmueli, A., MA
2000	Asnin, K., MA	Shalev-Shahar, S., MA
	Dror, H., MA	Yehene, E., MA
	Faran, Y., MA	Zamir, S., MA
2001	Dori (Ron), H., PhD	Fitousi, D., MA
2002	Sapir, A., PhD Currently at the University of Bangor, Wales	
2003	Rubinsten, O. PhD‡ Currently at U of Haifa	Tsalach, D., MA
	Barak, T., MA	Eshar, L., MA
2004	Anaki, D., PhD Currently at Bar-Ilan U	Gnaim, D., MA
	Drori, S., PhD	Schwartz, D., MA
	Beery, H., MA	
2005	Chorev, Z., PhD	Gover, Y., MA
	Kahan, S., PhD	Lichtenstein-Vidne, L., MA
	Biton, T., MA	Cohen Raizes, R., MA
2006	Cohen Kadosh, R., PhD‡ Currently at U. of Surrey	Faran, Y., PhD (with Benshalom)
		Gabay, S., MA
2007	Bloch-David, Y., PhD	Tadir, M., MA
	Ron-Kaplan, I., PhD Currently at RAMA	Shimon, R., MA
	Goldfarb, L., PhD‡ Currently at U of Haifa	
	Okon-Singer, H. PhD Currently at U of Haifa	
2008	Safadi, Z., PhD (with Kofman)	Youdcovich, L. MA
	Etrog, M., MA	
2009	Hochman-Cohen, H., PhD	Perry, A., MA
	Bar-Cohen, A., MA	Kutchinsky, Y., MA (with Berger)

2010	Ashkenazi, S., PhD Currently at Hebrew U	Cheshnovsky, A., MA
2011	Gabay, S., PhD Currently at U of Haifa	Koren, S., MA
2013	Akiva-Kabiri, L., PhD	Salzer, Y., PhD (with Oron-Gilad)‡
	Lichtenstein-Vidne, L., PhD	Suetz, N. MA
	Rotem, A. PhD Currently Achva College	
2014	Gertner, L. PhD	
	Leibovich, T. PhD‡ Currently at U of Haifa	Naparstek, S. PhD‡
	Kalanthroff, E. PhD‡ Currently at Hebrew U	Cohen, N. PhD‡ Currently at U of Haifa
2015	Aisenberg, D., PhD Currently at Rupin College	Avnit, A., MA
		Katzin, N. MA
	Geva, N. PhD (with Meiran)	Melman, Y., MA
	Perry, A., PhD	Sapir, M., MA
	Weinbach, N. PhD‡ Currently at U of Haifa	
2016	Linkovski, O., PhD (with Anholt) Currently at Bar-Ilan U	Koren, Y., MA
		Nave, T., MA (with Gronau)
2017	Gliksman, Y., PhD Currently at Rupin College	Sar-Avi, O., PhD (with Schiff, Bar-Ilan U)
2018	Ben-Shalom, T., PhD (with Berger)	Itamar, S., PhD
	Cohen, Z., PhD‡	Tal, C. MA
2019	Azaria-Dadon, G., PhD	Katzin, N., PhD (with Salti)
2020	Moyal, N., PhD (with Anholt)	Milshtein, D., PhD
2021	Binyamin-Suissa, L., PhD	Geva, D., PhD
2022	Hershman, R., PhD Currently at University of Innsbruck	Oz-Cohen, E., MA
		Abuglun, E., MA
	Hochman, S., PhD (with Kalanthroff)	
2023	Katz, G., PhD Currently at Tabula	
2024	Galili, H., PhD	
2025	Shilat, Y. (with Salti), PhD	
Curent	Abu Jabber, H. PhD	Lask, L. PhD
	Avitan, A., PhD	Nadav, T. PhD
	Avraham, E. PhD	
	Bar-Hen-Schweiger, M., PhD	
	Glebov-Russinov, I. PhD	

Post-doctoral fellows

1985-1986	Dr. Tramer, S. (with Tzelgov)
1997-1998	Dr. Brodsky, W.
2006-2007	Dr. Mark-Zigdon, N.
2013-2015	Dr. Leibovich, T.
2013-2015	Dr. Burnett, K.
2015-2016	Dr. Weinbach, N.
2010-current	Dr. Arend, I.
2013-2016	Dr. Kallai, A.
2014-2017	Dr. Naparstek, S.
2014-2016	Dr. Benbassat, A.
2015-2016	Dr. Aisenberg, D.
2017	Dr. Gliksman, Y.
2018-2019	Dr. Cohen, Z.
2020-2021	Dr. Milshtein, D.
2024-	Dr. Oscar, Y.

AWARDS AND RESEARCH FELLOWSHIPS

1980-1981	Rothschild Foundation Postdoctoral Fellowship.
1980-1982	Postdoctoral Fellowship, Neurological Sciences Center, Good Samaritan Hospital, Portland, Oregon.
1997	Japan Society for the Promotion of Science (JSPS) Fellowship.
2000	Zlotowski Chair in Cognitive Neuropsychology, BGU.
2009	BGU President's award for excellence in research.

2010	Fellow (elected), Association for Psychological Science (APS).
2017	Excellent Mentor Prize, awarded by the Israel Society for Neuroscience (ISFN) for exceptional mentoring in neuroscience.
2018	Meitner Humboldt Research Award, awarded by the Alexander von Humboldt Foundation.
2020	FENS-Kavli Network of Excellence Mentoring Prize 2020, awarded by the Federation of European Neuroscience Societies and the Kavli Foundation scholars network for demonstrated leadership in fostering the careers of neuroscientists.

SCIENTIFIC PUBLICATIONS

Books

Henik, A., Rubinsten, O., & Anaki, D. (Eds.). (2005). *Word norms in Hebrew*. Ben-Gurion University of the Negev.

Henik, A. (Ed.). (2016). *Continuous issues in numerical cognition: How many or how much*. San Diego: Academic Press.

Henik, A. & Fias, W. (Eds.). (2018). *Heterogeneity of function in numerical cognition*. San Diego: Academic Press.

Fias, W., & Henik, A. (Eds.). (2021). *Heterogeneous contributions to numerical cognition: Learning and education in mathematical cognition*. San Diego: Academic Press.

Gliksman, Y., Kaufmann, L., & Henik, A. (Eds.). (2025). *Developmental dyscalculia: From brain mechanisms to educational applications*. San Diego: Academic Press.

Chapters in books and conference proceedings

Kahneman, D., & Henik, A. (1981). Perceptual organization and attention. In M. Kubovy & J. Pomerantz (Eds.), *Perceptual organization*. Hillsdale, New Jersey: Lawrence Erlbaum.

Posner, M. I., & Henik, A. (1983). Isolating representational systems. In J. Beck & A. Rosenfeld (Eds.), *Human and machine vision*. New York: Academic Press.

Dinstein, I., Guy, G., Rabany, J., Tzelgov, J., & Henik, A. (1988). On stereo image coding. *Proceedings of the International Conference on Pattern Recognition*, Rome, Italy, November, 14-17.

Dinstein, I., Kim, M. G., Tzelgov, J., & Henik, A. (1989). Compression of stereo images and the evaluation of its effects on 3-D perception. *Proceedings of SPIE 33rd Annual Symposium on Optical & Opto-Electronic Applied Sciences Engineering*, San Diego, California, August, 6-11.

Tzelgov, J., & Henik, A. (1990). Insensitivity of the semantic relatedness effect to surface differences and its implications. In R. J. Takens (Ed.), *European perspectives in psychology*. John Wiley.

Rafal, R., & Henik, A. (1994). The neurology of inhibition: Integrating controlled and automatic processes. In D. Dagenbach, & T. H. Carr (Eds.), *Inhibitory processes in attention, memory and language*. New York: Academic Press.

Henik, A. (1995). Cognitive neuropsychology. In *Encyclopaedia Hebraica (Vol.: supplement 3)*. Tel Aviv: Ha'poalim Library. (Hebrew).

Henik, A., & Tzelgov, J. (1997). Automaticity and control - two components of reading skill. In J. Shimron (Ed.), *Psycholinguistic studies in Israel: Language acquisition, reading and writing*. Jerusalem: The Magnes Press. (Hebrew).

Brodsky, W., Henik, A., Rubinstein, B., & Zorman, M. (1998). Demonstrating inner hearing among highly-trained expert musicians. *Proceedings of the Fifth International Conference on Music Perception and Cognition*, Seoul, Korea, August, 26-30.

Brodsky, W., Henik, A., Rubinstein, B., & Zorman, M. (1999). Inner hearing among symphony orchestra musicians: intersectional differences of string-players versus wind-players. In S. W. Yi (Ed.), *Music, mind, and science.* Seoul: Seoul National University Press.

Henik, A., & Carr, T. H. (2002). Inhibition. In V. S. Ramachandran (Ed.), *Encyclopedia of the human brain*. Volume 2, 571-585. San Diego, California: Academic Press.

Henik, A. (2008). Schooling and the brain. In P. S. Klein & Y. B. Yablon (Eds.), *From research to practice in early childhood education* (pp. 31-38). Jerusalem: The Israel Academy of Sciences and Humanities. (Hebrew)

Berger, A., Kofman, O., & Henik, A. (2008). The development of self-regulation: Nature and nurture. In P. S. Klein, & Y. B. Yablon (Eds.), *From research to practice in early childhood education* (pp. 39-66). Jerusalem: The Israel Academy of Sciences and Humanities. (Hebrew)

Ron-Kaplan, I., & Henik, A. (2011). What can be learned about word processing by studying individual differences? In O. Korat, & D. Aram (Eds.), *Literacy and language: Relationship, bilingualism, and difficulties* (pp. 78-92). Jerusalem: Magness Press.

Ben-Shalom, T., Berger, A., & Henik, A. (2012). The beginning of the road: Learning mathematics for the first time. In Z. Breznitz, O. Rubinsten, V. J. Molfese, & D. L. Molfese (Eds.), *Reading, writing, mathematics and the developing brain: Listening to many voices* (Vol. 6, pp. 196-208). Dordrecht; New York: Springer.

Cohen Kadosh, R., & Henik, A. (2013). Numbers, synesthesia, and directionality. In J. Simner & E. M. Hubbard (Eds.), *Oxford handbook of synaesthesia* (pp. 103-122). Oxford, UK: Oxford University Press.

Katz, G., Benbassat, A., Diesendruck, L., Sipper, M. & Henik, A. (2013). From size perception to counting: an evolutionary computation point of view. GECCO '13 Companion: Proceeding of the fifteenth annual conference companion on genetic and evolutionary computation conference companion (pp. 1675-1678).

Benbassat, A., & Henik, A. (2015). Examining the Stroop effect using a developmental spatial neuroevolution system. In S. Silva (Ed.), *Proceedings of the companion publication of the 2015 annual conference on genetic and evolutionary computation* (pp. 747-748). New York: Association for Computing Machinery.

Henik, A., Rubinsten, O., & Ashkenazi, S. (2015). Developmental dyscalculia as a heterogeneous disability. In R. Cohen Kadosh & A. Dowker (Eds.), *Oxford handbook of mathematical cognition* (pp. 662-677). Oxford, UK: Oxford University Press.

Benbassat, A., & Henik, A. (2016). Nearing Stroop effect replication via neuroevolution. In T. Friedrich (Ed.), *GECCO '16 companion: Proceedings of the 2016 on genetic and evolutionary computation conference companion* (pp. 1457-1458). New York: Association for Computing Machinery

Benbassat, A., Henik, A. (2016). Replicating the Stroop effect using a developmental spatial neuroevolution system. In J. Handl, E. Hart, P. Lewis, M. López-Ibáñez, G. Ochoa, & B. Paechter, (Eds.), *Parallel problem solving from nature – PPSN XIV. PPSN 2016. Lecture Notes in Computer Science* (vol. 9921, pp., 602-612). Springer, Cham.

Henik, A. (2016). Introduction. In A. Henik (Ed.), *Continuous issues in numerical cognition: How many or how much* (pp. xix-xxiv). San Diego: Academic Press.

Fias, W., & Henik, A. (2018). Introduction. In A. Henik & W. Fias (Eds.), *Heterogeneity of function in numerical cognition* (pp. xvii-xx). San Diego: Academic Press.

Henik, A., Katzin, N., & Hochman, S. (2018). The interplay between proficiency and executive control. In A. Henik & W. Fias (Eds.), *Heterogeneity of function in numerical cognition* (pp. 147-154). San Diego: Academic Press.

Fias, W., & Henik, A. (2021). Introduction. In Fias, W., & Henik, A. (Eds.). *Heterogeneous contributions to numerical cognition: Learning and education in mathematical cognition* (pp. xiii-xix). San Diego: Academic Press.

Henik, A. (2021). Early difficulties in numerical cognition. In Fias, W., & Henik, A. & (Eds.). *Heterogeneous contributions to numerical cognition: Learning and education in mathematical cognition* (pp. 383-398). San Diego: Academic Press.

Avitan, A., & Henik, A. (2023). Numerical cognition. In *Oxford Research Encyclopedia of Psychology*. https://doi.org/10.1093/acrefore/9780190236557.013.61

Milshtein, D., & Henik, A. (2024). Why should reading (books) be preferable to watching (television)? In D. Hung, A. Jamaludin, & A. Rahman (Eds.), *Applying the Science of Learning to Education: An Insight into the Mechanisms that Shape Learning* (pp. 115-134). Singapore: Springer.

Hershman, R., Milshtein, D., & Henik, A. (2024). Processing and analyzing of pupillometry data. In M. Papesh & S. D. Goldinger (Eds.). *Modern pupillometry: Cognition, neuroscience, and practical applications* (pp. 431-466). Switzerland: Springer.

Gliksman, Y., Kaufmann, L., & Henik, A. (2025). Introduction. In Gliksman, Y., Kaufmann, L., & Henik, A. (Eds.). *Developmental dyscalculia: From brain mechanisms to educational applications* (pp. xi-xvii). San Diego: Academic Press.

Gliksman, Y., Naparstek, S., Bar-Hen Schweiger, M., & Henik, A. (2025). Mental manipulation, numerical cognition, and developmental dyscalculia. In Gliksman, Y., Kaufmann, L., & Henik, A. (Eds.). *Developmental dyscalculia: From brain mechanisms to educational applications* (pp. 123-138). San Diego: Academic Press.

Refereed articles in scientific journals

Kahneman, D., & Henik, A. (1977). Effects of visual grouping on immediate recall and selective attention. In S. Dornic (Ed.), *Attention and performance VI*. Hillsdale, New Jersey: Lawrence Erlbaum.

Tzelgov, J., & Henik, A. (1981). On the differences between Conger's and Velicer's definitions of suppressor. *Educational and Psychological Measurement*, *41*, 1027-1031.

Henik, A. (1982). What are the general principles of cognition? *Contemporary Psychology*, *27*, 995-996.

Henik, A., & Tzelgov, J. (1982). Is three greater than five: The relation between physical and semantic size in comparison tasks. *Memory & Cognition*, *10*, 389-395.

Henik, A., Friedrich, F. J., & Kellogg, W. A. (1983). The dependence of semantic relatedness effects upon prime processing. *Memory & Cognition*, *11*, 366-373.

Stern, E., Tzelgov, J., & Henik, A. (1983). Driving efforts and urban route choice. *The Logistics and Transportation Review*, *9*, 67-79.

Tzelgov, J., & Henik, A. (1983). On the recognition of words with inverted letters. *Canadian Journal of Psychology*, *37*, 233-242.

Henik, A., & Tzelgov, J. (1985). Control of halo error: A multiple regression approach. *Journal of Applied Psychology*, *70*, 577-580.

Munitz, S., Priel, B., & Henik, A. (1985). Color, skin color preferences and self color identification among Ethiopian and Israeli-born children. *Israel Social Science Research*, *3*, 74-84.
Also in M. Ashkenazi and A. Weingrod (Eds.), *Ethiopian Jews & Israel.* New Brunswick, New Jersey: Transaction Books, 1987.

Tzelgov, J., & Henik, A. (1985). A definition of suppression situations for the general linear model: A regression weights approach. *Educational and Psychological Measurement*, *45*, 281-284.

Leiser, D., Tzelgov, J., & Henik, A. (1987). A comparison of map study methods: simulated travel vs. conventional study. *European Bulletin of Cognitive Psychology*, *7*, 317-334.

Tzelgov, J., Srebro, R., Henik, A., & Kushelevsky, A. (1987). Radiation search and detection by ear and by eye. *Human Factors*, *29*, 87-95.

Dinstein, I., Guy, G., Rabany, J., Tzelgov, J., & Henik, A. (1989). On the compression of stereo images: preliminary results. *Signal Processing*, *17*, 373-382.

Henik, A., & Kaplan, L. (1989). Category norms: Findings for Hebrew and a comparison with U.S. norms. *Psychologia*, *1*, 104-112. (Hebrew).

Priel, B., Henik, A., Dekel, A., & Tal, A. (1990). Perceived temperamental characteristics and regulation of physiological stress: A study of wheezy babies. *Journal of Pediatric Psychology*, *5*, 197-210.

Tzelgov, J., Henik, A., Dinstein, I., & Rabani, J. (1990). Performance consequences of two types of stereo picture compression. *Human Factors*, *32*, 173-182.

Tzelgov, J., Henik, A., & Leiser, D. (1990). Controlling Stroop interference: Evidence from a bilingual task. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *16*, 760-771.

Dinstein, I., Kim, M. G., Henik, A., & Tzelgov, J. (1991). Compression of stereo images using subsampling and transform coding. *Optical Engineering*, *30*, 1359-1364.

Friedrich, F. J., Henik, A., & Tzelgov, J. (1991). Automatic processes in lexical access and spreading activation. *Journal of Experimental Psychology: Human Perception and Performance*, *17*, 792-806.

Rafal, R., Henik, A., & Smith, J. (1991). Extrageniculate contributions to reflex visual orienting in normal humans: a temporal hemifield advantage. *Journal of Cognitive Neuroscience*, *3*, 323-329.

Tzelgov, J., & Henik, A. (1991). Suppression situations in psychological research: definitions, implications and applications. *Psychological Bulletin*, *109*, 524-536.

Henik, A., Priel, B., & Umansky, R. (1992). Attention and automaticity in semantic processing of schizophrenic patients. *Neuropsychiatry, Neuropsychology and Behavioral Neurology: A Journal of Clinical Neuroscience*, *5*, 161-169.

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Avitan, A., Marom, D., & Henik, A. (2024). Numerical values modulate size perception. *Attention, Perception, & Psychophysics, 86,* 1067–1074. Doi: 10.3758/s13414-024-02875-w

Avitan, A., Wasserman, S., & Henik, A. (2024). Endogenous attention modulates automaticity of number processing. *Psychonomic Bulletin & Review, 31,* 1579–1587. https://doi.org/10.3758/s13423-023-02438-4

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Hershman, R., Dadon, G., Kiesel, A., & Henik, A. (2024). Resting Stroop task: Evidence of task conflict in trials with no required response. *Psychonomic Bulletin & Review*, *31*, 353–360. Doi:10.3758/s13423-023-02354-7

Hershman, R., Keha, E., Sapir, A., Weiss, E. M., Henik, A., & Kaufmann, L. (2024). Evidence for two types of task conflict in a color-digit Stroop task. *Journal of Cognition, 7*(1), 54. https://doi.org/10.5334/joc.386

Hershman, R. Share, D. L., Weiss, E. M., Henik, A., & Shechter, A. (2024). Insights from eye blinks into the cognitive processes involved in visual word recognition. *Journal of Cognition, 7*(1)*,* 14. Doi: 10.5334/joc.343

Milshtein, D., Henik, A., Ben-Zedeff, E. H., & Milstein, U. (2024). Mind on the battlefield: What cognitive science can add to the military lessons learned process? *Defence Studies, 24,* 277-298. Doi: 10.1080/14702436.2024.2316138

Moyal, N., Glebov-Russinov, I., Henik, A., & Anholt, G. E. (2024). The role of emotion recognition in reappraisal affordances. *Psychological Research, 88, 1629-1636*. https://doi.org/10.1007/s00426-024-01966-5

Shilat, Y., Henik, A., Galili, H., Wasserman, S., Salzmann, A., & Salti, M. (2024). A methodological framework for stimuli control: Insights from numerical cognition. *Advances in Methods and Practices in Psychological Science, 7, 1-36.* https://doi.org/10.1177/25152459241249185

Stelmach-Lask, L., Glebov-Russinov, I., & Henik, A. (2024). What is high rumination? *Acta Psychologica, 248,* 104331. https://doi.org/10.1016/j.actpsy.2024.104331

Glebov-Russinov, I., and Henik, A. (2025). Categorized affective pictures database; tested on adults - rated appropriate for kids. *Acta Psychologica, 259,* 105321. https://doi.org/10.1016/j.actpsy.2025.105321

Hershman, R., Beckmann, L., Keha, E., Wagner, M., Kaufmann, L., & Henik, A. (2025). A color-digit Stroop task shows numerical influence on numerosity processing. *Memory & Cognition, 53,* 1055-1066. https://doi.org/10.3758/s13421-024-01631-7

Hershman, R., Sapir, A., Keha, E., Wagner, M., Weiss, E. M., & Henik, A. (2025). The contribution of difficulty of an irrelevant task to task conflict. *Quarterly Journal of Experimental Psychology, 78,* 956-962. DOI: 10.1177/17470218241228709

Linkovski, O., Katzin, N., Avitan, A., Weinbach, N., & Henik, A. (2025). Adaptive modes of attention: Evidence from attentional networks. *Cortex, 184,* 58-72. https://doi.org/10.1016/j.cortex.2024.11.018

Milshtein, D., Badarneh, J., & Henik, A. (2025). The relevancy of the relevance: Different aspects of relevancy during emotional episodes evaluations. *Acta Psychologica*, *257*, 105066. https://doi.org/10.1016/j.actpsy.2025.105066

Hochman, S., Ben-Shachar M. S., Cohen Kadosh, R., & Henik, A. (2026). A novel task for measuring numerical bias among adults. *Cognition, 271,* 106439. https://doi.org/10.1016/j.cognition.2026.106439

Nadav, T., Glebov-Russinov, I., & Henik, A. (2026). Seeing emotions clearly: Emotional intelligence and the categorization of emotional pictures. *Personality and Individual Differences, 248,* 113464. https://doi.org/10.1016/j.paid.2025.113464

Hershman, R., Beckmann, L., Keha, E., Henik, A., & Sapir, A. (in press). Evidence for both task and Information conflicts in the color-digit Stroop task. *The Journal of Experimental Education.*

Hershman, R., Keha, E., Beckmann, L., Henik, A., & Sapir, A. (in press). Irrelevant task difficulty modulates the emergence of task conflict. *Journal of Cognition.*

Unrefereed articles in journals

Henik, A., & Rubinsten, O. (2007). Arithmetic not so simple. *Scientific American Israel*, *5*, 6-7. (Hebrew).

Henik, A., & Rubinsten, O. (2008). Neurocognitive aspects of developmental dyscalculia. *MEDICINE: Pediatrics*, *6*, 42-46. (Hebrew).

Henik, A. (2009). Brain, cognition, school. *Educational Echoes, 74*, 60-63. (Hebrew, הד החינוך)

ORGANIZED WORKSHOPS and SYMPOSIA

Henik, A. (2003). The Italian-Israeli Workshop on Cognitive Neuroscience. October 19th-21st, Ben-Gurion University of the Negev, Beer Sheva, Israel. Sponsored by the Italian Embassy, Israel and Ben-Gurion University of the Negev.

Henik, A., Cohen Kadosh, R., Walsh, V., & Soroker, N. (2009). A Workshop on the Functions of the Parietal Lobes. March 29th-April 2nd, Jerusalem, Israel. Sponsored by Batsheva de Rothschild Fund, the Institute for Advanced Studies, Hebrew University Jerusalem, and the Israel Science Foundation.

Henik, A., & Tzelgov, J. (2009). Numerical Cognition Workshop. September 9th, Achva Academic College, Israel. Sponsored by the Israel Science Foundation under the framework of the Center for the Study of the Neurocognitive Basis of Numerical Cognition (CNBNC), and Achva Academic College.

Henik, A., & Rubinsten, O. (2009). Neurocognitive Contributions to Understanding Mathematical Deficiencies. Organized symposium, 16th ESCoP conference, Krakow, Poland, September.

Henik, A., & Rubinsten, O. (2011). Typical and Atypical Neurocognitive Aspects of Numerical Processing. April 10th-April 14th, Beer-Sheva & Haifa, Israel. Sponsored by the Israel Science Foundation, Ben-Gurion University of the Negev and University of Haifa.

Goodale, A., Ansari, D., Mizrahi, A., & Henik, A. (2013). Canada-Israel Symposium on Brain Plasticity, Learning, and Education. Sponsored by the Israel Academy of Sciences and Humanities, the Royal Society of Canada, and the Canadian Institute for Advanced Research, Western University, Ontario, Canada.

Henik, A., (2013). Continuous Issues in Numerical Cognition. Organized symposium, 18th ESCoP conference, Budapest, Hungary, August-September.

Henik, A., & Dissard, P. (2013). European Research Council (ERC). Organized symposium, 18th ESCoP conference, Budapest, Hungary, August-September.

Henik, A., & Rubinsten, O. (2015). The Cognitive and Neural Basis for the Development of Numerical Understanding. April 26th-April 30th, Beer-Sheva & Haifa, Israel. Sponsored by the Israel Science Foundation, Ben-Gurion University of the Negev and University of Haifa.

Fias, W., & Henik, A. (2016). Heterogeneous Contributions to Numerical Cognition. Conference sponsored by Ghent University and by the European Research Council (ERC) under the European Union's Seventh Framework Programme (FP7/2007–2013)/ERC Grant Agreement 295644. June 1st-June 3rd, Ghent, Belgium.

Fias, W., & Henik, A. (2019). Heterogeneous Contributions to Numerical Cognition: Learning and Education in Numerical Cognition. June 3rd-June 4th, Ghent, Belgium.

LECTURES AND PRESENTATIONS AT CONFERENCES

Invited lectures at conferences/meetings

Henik, A. (1991). Dissociation between semantic and lexical processing, the effects of cognitive load and cortical lesion. Presented at the conference on Recent Advances in the Analysis of Attention, UC Davis, June.

Henik, A. (1992). Dissociation between lexical and semantic processing. Presented at Brain Functions in Health and Disease: The Charles E. Smith Symposium in Memory of Mr. A. Harman, Jerusalem, June.

Henik, A., & Berger, A. (1993). Psychobiology of controlled and automatic orienting of visual attention. Presented at the 32nd congress of the International Union of Physiological Sciences (IUPS), Glasgow, August.

Henik, A. (2000). Studies of color-word interactions in normal and patient populations using a flanker-Stroop paradigm. Presented at the XXXVII International Congress of Psychology, Stockholm, Sweden, July.

Henik, A., & Sapir, A. (2001). Inhibition of return in visual spatial orienting. Presented at the III Scientific Conference of Attention (III Reunión Científica sobre Atención—RECA), Almeria, Spain, September.

Henik, A., & Cohen Kadosh, R. (2005). When blue is larger than red: Color modulates magnitude judgments. Presented at the First International Conference on Art and Synesthesia, Almeria, Spain, July.

Henik, A., Cohen Kadosh, R., & Cohen Kadosh, K. (2006). When red is a number: Neurocognitive roots of synesthesia. Presented at the Seeing the Voices: Multi-Disciplinary View of Synesthesia and Cross-Modal Transfers, Tel-Aviv, Israel, March.

Henik, A., Rubinsten, O., & Ashkenazi, S. (2010). The “Where” and “What” in Developmental Dyscalculia. Stein Fellow Keynote Address, presented at The Drexel University Pediatric Neuropsychology Symposium, Philadelphia, Pennsylvania, U.S.A., November.

Henik, A. (2012). Multiple paths of control. Attention Symposium: On the Future of Attention Research and Practice. Defining, Measuring, and Repairing the Networks of Attention. Presented at Dalhousie University, Halifax, Nova Scotia, Canada, May.

Henik, A., & Gabay, S. (2013). Paths to orienting of attention. Canada-Israel Symposium on Brain Plasticity, Learning, and Education. Presented at Western University, Ontario, Canada, June.

Henik, A. (2014). Neurocognitive mechanisms of number processing and developmental dyscalculia. Keynote Address, presented at 2014 mid-year meeting of the International Neuropsychological Society (INS), Jerusalem, Israel, July.

Henik, A., & Arend, I. (2015). Automaticity and flexibility some information from research on numerical synesthesia. The Netherlands Academy of Sciences KNAW colloquium: Decoding the Neurobiology of Synaesthesia, Amsterdam, The Netherlands, March.

Henik, A. (2015). Neurocognitive foundation of numerical and arithmetic processing. Keynote Lecture, presented at Neuroeducation of Number Processing, Hannover, Germany, October.

Henik, A. (2015). Size matters in numerical cognition. Presented at Space and Mathematics: What's the Connection? University of Chicago, Chicago, Illinois, U.S.A., November.

Henik, A. (2016). Paths to orienting of attention. Presented at Mind & Brain: A Tribute to Pio Tudela. University of Granada, Granada, Spain, April.

Henik, A. (2016). Neurocognitive foundation of numerical and arithmetic processing. Presented at Typical and Atypical Development of Numerical Cognition. Hebrew University of Jerusalem, Jerusalem, Israel, April.

Henik, A. (2017). A sense for magnitude. Presented at the 26th annual meeting of the Israel Society for Neuroscience (ISFN). Eilat, Israel, December.

Presentation at conferences/meetings (selected presentations from 2011 on)
Henik, A., & Tzelgov, J. (1981). On the relation between physical and numerical sizes. Paper presented at the meeting of the American Psychological Association, Los Angeles, CA, August.

Friedrich, F. J., Kellogg, W. A., & Henik, A. (1982). Effects of mode of processing on semantic activation. Paper presented at the meeting of the Psychonomic Society, November.

Posner, M. I., Henik, A., & McLeod, P. (1982). Patterns of cross-talk between sensory, cognitive and response systems. Paper presented at the meeting of the Psychonomic Society, Minneapolis, Minn., November.

Walker, J. A., Henik, A., Posner, M. I., & Friedrich, F. J. (1982). Visual orienting deficits in humans following parietal lobe lesions. Paper presented at the 12th Annual Meeting of the Society for Neuroscience.

Glenn, C. G., Henik, A., Marin, O. S. M., & Walker, J. A. (1983). The relationship between visual perception and visually-guided hand movements: a case study of optic ataxia. Paper presented at the meeting of the International Neuropsychological Society (INS), February.

Friedrich, F. J., Kellogg, W. A., Henik, A., & Tzelgov, J. (1984). Constraints on semantic priming. Paper presented at the meeting of the Psychonomic Society, San Antonio, November.

Henik, A., & Osimani, A. (1987). Indications for a dissociation between attentional systems: evidence from parietal patients. Paper presented at the Annual Meeting of the Israeli Psychological Association, Tel-Aviv, March.

Meyer, I., Tzelgov, J., & Henik, A. (1987). Automatic processing of numerical information. Paper presented at the Annual Meeting of the Israeli Psychological Association, Tel-Aviv, March.

Tzelgov, J., Henik, A., & Leiser, D. (1987). Interlanguage and intralanguage Stroop interference in Arabic-Hebrew bilinguals. Paper presented at the Annual Meeting of the Israeli Psychological Association, Tel-Aviv, March.

Tzelgov, J., Henik, A., & Leiser, D. (1988). Automaticity and control in a bilingual Stroop task. Paper presented at the 6th Australian Language and Speech Conference, Sydney, August.

Tzelgov, J., Henik, A., Mutzafi, R., & Preiss, K. (1988). Representation in technical drawings. Paper presented at the Australian Experimental Psychology Bicentennial Meeting, Jamberoo, August.

Friedrich, F. J., Henik, A., & Osimani, A. (1990). Effects of parietal lesions on word matching in Hebrew and English readers. Poster presented at the conference on Recent in the Analysis of Attention, University of Oregon, June.

Friedrich, F. J., Henik, A., & Tzelgov, J. (1990). Localizing task effects in semantic priming. Paper presented at the 31st Annual Meeting of the Psychonomic Society, New Orleans, November.

Henik, A., Rafal, R., & Knight, R. (1990). Inhibitory spatial tagging and visual attention: contributions of prefrontal cortex and basal ganglia. *Society for Neuroscience (abstract)*.

Tzelgov, J., & Henik, A. (1990). Control of Stroop effect. Presented at the 31st Annual Meeting of the Psychonomic Society, New Orleans, November.

Tzelgov, J., & Henik, A. (1990). Controlling Stroop effect. Paper presented at the meeting of the European Society for Cognitive Psychology (ESCOP), Como, Italy, September.

Tzelgov, J., Henik, A., Dinstein, I., & Meisels, A. (1990). Evaluating algorithms for stereo pictures compression. Paper presented at the Second Annual Meeting of the Israeli Ergonomics Society, Ramat-Gan, June.

Berger, A., Henik, A., & Rafal, R. (1991). Exogenous and endogenous orienting of visual attention. Presented at the conference on Recent Advances in the Analysis of Attention, UC Davis, June.

Henik, A., Rafal, R., & Rhodes, D. (1991). Endogenously generated and visually guided saccades after lesions of the human frontal eye fields. *Society for Neuroscience (abstract)*.

Egly, R., Rafal, R. D., & Henik, A. (1992). Reflexive and voluntary orienting in detection and discrimination tasks. Presented at the 33rd Annual Meeting of the Psychonomic Society, St. Louis, November.

Henik, A. (1992). Automaticity in picture-word priming. Presented at the fifth ESCOP conference, Paris, France, September.

Henik, A., Dronkers, N. F., Knight, R. T., & Osimani, A. (1992). Dissociation of semantic and lexical processing by lesions to association cortex. Presented at the 20th INS meeting, San Diego, CA, February. *Journal of Clinical and Experimental Neuropsychology, 14, 26, (abstract)*.

Henik, A., Singh, J., Beckley, D. J., & Rafal, R. D. (1992). Stroop effects in patients with early and late onset Parkinson's disease. Presented at the 20th INS meeting, San Diego, CA, February. *Journal of Clinical and Experimental Neuropsychology, 14, 81, (abstract)*.

Henik, A., Tzelgov, J., Friedrich, F. J., & Levi-Manor, T. (1994). Cognitive load reduces priming effects. Presented at the 35th Annual Meeting of the Psychonomic Society, St. Louis, MO, November.

Tzelgov, J., Porat, Z., & Henik, A. (1994). Is perceiving the word necessary for Stroop effect? Presented at the 35th Annual Meeting of the Psychonomic Society, St. Louis, MO, November.

Carter, C. S., Robertson, L., Nordahl, T. E., Chaderjian, M. C., O'Shora-Celaya, L. J., & Henik, A. (1995). Expectancy and attentional control in schizophrenia. *Biological Psychiatry, 37, 638, (abstract)*.

Henik, A., Ro, T., Merrill, D., & Rafal, R. (1995). Interference between colors and words: translation is not necessary. Presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, CA, November.

Salo, R., Robertson, L., Henik, A., & Nordahl, T. E. (1995). Dissociation between Stroop interference and negative priming. Presented at the 2nd Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA, March.

Henik, A. (1996). Interactions between color and word processing in a flanker-Stoop task. Presented at the ninth ESCOP conference, Würzburg, Germany, September.

Dronkers, N. F., Redfern, B. B., & Henik, A. (1997). Automatic and controlled conceptual and semantic priming in aphasic patients. *Journal of the International Neuropsychological Society*, *3*, *37. (Abstract)*.

Henik, A., Bibi, U., Yanai, M., & Tzelgov, J. (1997). The Stroop effect is largest during first trials. Presented at the 38th Annual Meeting of the Psychonomic Society, Philadelphia, PA, November.

Henik, A., Ro, T., Rafal, R., & Egly, R. (1998). Involvement of the lateral prefrontal cortex in color-word interactions. Presented at the 21st Annual INS meeting, Budapest, Hungary, July. *Journal of the International Neuropsychological Society*, *4*, *222 (abstract)*.

Anaki, D., & Henik, A. (1999). Effect of cognitive load and its timing on semantic priming. Presented at the eleventh ESCOP conference, Gent, Belgium, September.

Chorev, Z., & Henik, A. (1999). Selectivity in selective attention. Presented at the eleventh ESCOP conference, Gent, Belgium, September.

Henik, A. (2000). Studies of color-word interactions in normal and patient populations using a flanker-Stroop paradigm. Presented at the XXVII International Congress of Psychology, Stockholm, Sweden, July.

Henik, A., & Drori, S. (2000). Concreteness and context availability in lexical decision. Presented at the 41st Annual Meeting of the Psychonomic Society, New Orleans, LA, November.

Sapir, A., Rafal R., Hayes, A., & Henik A. (2000). The role of the parietal lobe in environmental coding. Presented at the Parietal Lobe and Neglect Conference, Como, Italy.

Anaki, D., & Henik, A. (2001). Visual word recognition and spatial attention: Independence or interactive systems? Presented at the twelfth ESCOP conference, Edinburgh, UK, September.

Chorev, Z., Sapir, A., & Henik, A. (2001). Does absence of a distractor mean absence of selection? Evidence from the spatial negative priming paradigm. Presented at the twelfth ESCOP conference, Edinburgh, UK, September.

Faran, Y., Anaki, D., Henik, A., & Ben-Shalom, D. (2001). Does false memory mimic veridical memory? Common factors influencing both phenomena. Presented at the twelfth ESCOP conference, Edinburgh, UK, September.

Rubinsten, O., Henik, A., & Dronkers, N. (2001). Is the right hemisphere capable of reading and understanding a word? Presented at the twelfth ESCOP conference, Edinburgh, UK, September.

Danziger, S., Hochman, H., & Henik, A. (2002). The effect of mapping words to manual and vocal responses in the Stroop task. Presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, Missouri, November.

Rubinsten, O., Henik, A., & Dronkers, N. (2003). Is the right hemisphere capable of reading and understanding a word? Presented at the 10th Annual Meeting of CNS, New York, NY, March.

Drori, S., & Henik, A. (2003). Concreteness effect and imagery ability in word recognition. Presented at the 10th Annual Meeting of CNS, New York, NY, March.

Faran, Y., Anaki, D., Hoffman, Y., Klipper, K., Henik, A., & Ben-Shalom, D. (2003). Impaired mirror effect on recognition after damage limited to the hippocampus. Presented at the 10th Annual Meeting of CNS, New York, NY, March.

Sapir, A., Dobrusin, M., Ben-Besat, G., Henik, A. (2003). Neuroleptics reverse attentional asymmetry in schizophrenia but do not influence inhibitory processes. Presented at the 10th Annual Meeting of CNS, New York, NY, March.

Cohen-Kadosh, R., Henik, A., Rubinsten, O., Dori, H., Bloch-David, Y., Mohr, H., van de Ven, V., Zorzi, M., Hendler, T., & Linden, D. (2003). Are numbers special? A common system for numerical and physical comparisons in the parietal lobes. Presented at the 10th Annual Meeting of CNS, New York, NY, March. *(Abstract p. 64)*.

Anaki, D., Gover, Y., & Henik, A. (2003). Conflict resolution and spatial attention: Dissociation between endogenous and exogenous orienting. Presented at the 10th Annual Meeting of CNS, New York, NY, March.

Okon-Singer, H., & Henik, A. (2003). Emotion modulates attention: The effects of emotional stimuli on orienting. Presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, BC, Canada, November. *(Abstract p. 38).*

Bloch-David, Y., Henik, A., & Rafal, R. (2003). Number comparison in patients with bilateral lesions of the intraparietal cortex. Presented at the XIII ESCOP conference, Granada, Spain, September.

Cohen-Kadosh, R., Henik, A., & Rubinsten, O. (2003). Are Arabic and word numbers processed in different ways? Presented at the XIII ESCOP conference, Granada, Spain, September.

Goldfarb, L., & Henik, A. (2003). Colour-word matching generates a robust reverse Stroop effect. Presented at the XIII ESCOP conference, Granada, Spain, September.

Henik, A., Kahan, S., Sapir, A., & Moran, O. (2003). Gaze direction does produce inhibition of return. Presented at the XIII ESCOP conference, Granada, Spain, September.

Rubinsten, O., Henik, A., & Perlstein, O. (2003). Developmental acalculia hinders automatic association of quantities with their representative Arabic numerals. Presented at the XIII ESCOP conference, Granada, Spain, September.

Safadi, Z., Henik, A., & Kofman, O. (2003). Modulation of flanker interference in a Stroop-flanker paradigm. Presented at the XIII ESCOP conference, Granada, Spain, September.

Cohen-Kadosh, R., Sagiv, N., Elinger, G., Robertson, L., Linden, D., & Henik, A. (2004). The magnitude of colors and numbers in synesthesia. Presented at the 11th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 25).*

Hochman, H., Danziger, S., & Henik, A. (2004). Emotional valence and semantic neighborhood. Presented at the 11th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 29).*

Cohen-Kadosh, R., Sagiv, N., Linden, D., Robertson, L., Elinger, G., & Henik, A. (2004). When blue is larger than red - implicit activation of magnitude in synesthesia. Presented at the 8th annual meeting of the Association for the Scientific Study of Consciousness, Antwerp, Belgium, June.

Henik, A., Cohen-Kadosh, R., & Tadir, M. (2004). Colors affect numerical processing in synesthesia. Presented at the 4th Annual National Meeting of the American Synesthesia Association, Berkeley, CA, November.

Blcoh-David, Y., Henik, A., & Rafal, R. (2005). Number comparison in patients with bilateral lesions of the intraparietal cortex. Presented at the 12th Annual Meeting of the CNS, New York, NY, April. *(Abstract p. 66).*

Cohen-Kadosh, K., Cohen-Kadosh, R., Linden, D. E. J., Berger, A., & Henik, A. (2005). Same place, same time? Tackling the comparison mechanism in the brain with ERP and fMRI. Presented at the 12th Annual Meeting of the CNS, New York, NY, April. *(Abstract p. 68).*

Cohen-Kadosh, R., Linden, D. E. J., Cohen-Kadosh, K., & Henik, A. (2005). Early vs. late resolution of conflicts: paying attention to the motor cortex. Presented at the 12th Annual Meeting of the CNS, New York, NY, April. *(Abstract p. 68).*

Goldfarb, L., & Henik, A. (2005). Does the task-role conflict, based on anterior cingulate activation, have behavioral support. Presented at the 12th Annual Meeting of the CNS, New York, NY, April. *(Abstract p. 20).*

Okon-Singer, H., Kofman, O., Lerman, S., & Henik, A. (2005). The effects of emotional stimuli on orienting of attention. Presented at the 12th Annual Meeting of the CNS, New York, NY, April. *(Abstract p. 61).*

Ron-Kaplan, I., & Henik, A. (2005). The effect of associative neighbors on word processing: study of individual differences. Presented at the 12th Annual Meeting of the CNS, New York, NY, April. *(Abstract p. 73).*

Henik, A., Cohen-Kadosh, R., & Tadir, M. (2005). Implicit effects of colors in synesthesia. Presented at the Annual Meeting of the UK Synesthesia Association, London, UK, April.

Ashkenazi, S., Rubinsten, O., & Henik, A. (2005). The influence of attentional load on the performance in a numeric Stroop-like paradigm. Presented at the XIV ESCoP conference, Leiden, the Netherlands, September.

Cohen-Kadosh, R., Linden, D. E. J., Cohen-Kadosh, K., & Henik, A. (2005). Late resolution of conflict in the brain: Evidence for parallel comparison systems. Presented at the XIV ESCoP conference, Leiden, the Netherlands, September.

Gabai, S., & Henik, A. (2005). Expectancy on inhibition of return. Presented at the XIV ESCoP conference, Leiden, the Netherlands, September.

Henik, A., Cohen-Kadosh, R., & Tadir, M. (2005). Implicit bi-directionality in synesthesia. Presented at the XIV ESCoP conference, Leiden, the Netherlands, September.

Mark-Zigdon, N., Rubinsten, O., & Henik, A. (2005). Big and small vs. before and after: Numerical judgment mechanisms. Presented at the XIV ESCoP conference, Leiden, the Netherlands, September.

Henik, A., & Goldfarb, L. (2005). New analysis of Stroop matching task calls for theory reevaluation. Presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Ontario, Canada, November. *(Abstract p. 79).*

Cohen-Kadosh, K., Cohen-Kadosh, R., Schuhmann, T., Kaas, A., Goebel, R., Henik, A., & Sack, A. T. (2006). Virtual dyscalculia after TMS to the right parietal lobe: A combined fMRI and neuronavigated TMS study. Presented at the 13th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 14).*

Bloch-David, Y., & Henik, A. (2006). Are small and large numbers processed differently? The influence of input modality. Presented at the 13th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 69).*

Dori, H., & Henik, A. (2006). Further investigation into the two attentional gradients theory. Presented at the 13th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 87).*

Ron-Kaplan I., Hochman H., & Henik, A. (2006). The effect of associative neighbors on word processing: an fMRI study. Presented at the 13th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 91)*.

Cohen-Kadosh, R., Cohen-Kadosh, K., & Henik, A. (2006). When a line is a number: Color yields magnitude information in a digit-color synesthete. Presented at the 13th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 152)*.

Henik, A., Cohen-Kadosh, R., & Cohen-Kadosh, K. (2007). When red is a number: Neuro-cognitive roots of synesthesia. Presented at the 6th Annual National Meeting of the American Synesthesia Association, St. Petersburg, FL, January.

Ashkenazi, S., & Henik, A. (2007). The dissociation between retrieval of arithmetical facts and estimation abilities: A single case study of acquired dyscalculia. Presented at the 14th Annual Meeting of the CNS, New York, NY, May. *(Abstract p. 110)*.

Gabay, S., & Henik, A. (2007). The effect of expectancy on inhibition of return: Detection vs. discrimination paradigms. Presented at the 14th Annual Meeting of the CNS, New York, NY, May. *(Abstract p. 31).*

Goldfarb, L., & Henik, A. (2007). Are single-digit numbers always represented on the mental number line? Presented at the 14th Annual Meeting of the CNS, New York, NY, May. *(Abstract p. 109).*

Mark-Zigdon, N., Ashkenazi, S., Ifergane, G., Shelef, I., & Henik, A. (2007). Subitizing and counting in dyscalculia. Presented at the 14th Annual Meeting of the CNS, New York, NY, May. *(Abstract p. 110).*

van Koningsbruggen, M., Gabay, S., Henik, A., & Rafal, R. (2007). Disruption of remapping of IOR after TMS stimulation of the parietal cortex. Presented at the 14th Annual Meeting of the CNS, New York, NY, May. *(Abstract p. 33).*

Henik, A., Ashkenazi, S., Ifergane, G., & Shelef, I. (2007). Basic numerical abilities, the IPS and visuo-spatial perception: A case study. Presented at the Workshop on Number, Space, & Action, Aachen, Germany, March.

Henik, A. (2007). Neuropsychological mechanisms underlying developmental dyscalculia. Presented at the 31st Annual Meeting of the International Academy for Research in Learning Disabilities (IARLD), Bled, Slovenia, July.

Diesendruck, L., Gertner, L., Goldfarb, L., Botzer, L., & Henik, A. (2008). Space matters: Evidence from month-form synesthesia. Presented at the 15th Annual Meeting of the CNS, San Francisco, CA, April. *(Abstract p. 102).*

Aisenberg, D., & Henik, A. (2009). Stop being neutral – Simon chooses between neutrals! Presented at the 16th ESCoP conference, Krakow, Poland, September.

Ashkenazi, S., & Henik, A. (2009). Specific attentional profile in pure developmental dyscalculia. Presented at the 16th Annual Meeting of the CNS, San Francisco, CA, March. *(Abstract p. 40).*

Ashkenazi, S., & Henik, A. (2009). How pure is pure developmental dyscalculia. Presented at the 16th ESCoP conference, Krakow, Poland, September.

Cohen, N., Henik, A., & Mor, N. (2009). Can emotion modulate attention or is it the other way around? Presented at the 16th ESCoP conference, Krakow, Poland, September.

Dekalo, T., Berger, A., Rubinsten, O., Tzelgov, J., & Henik, A. (2009). The development of automaticity in number processing. Presented at the 16th ESCoP conference, Krakow, Poland, September.

Gabay, S., Pertzov, Y., Gredstein, L., Henik, A., & Avidan, G. (2009). Linking the ocular motor system and reflexive allocation of attention: An fMRI investigation. Presented at the 16th Annual Meeting of the CNS, San Francisco, CA, March. *(Abstract p. 43).*

Gertner, L., & Henik, A. (2009). Hearing 9 attending right – Insights from number-form synesthesia. Presented at the 16th Annual Meeting of the CNS, San Francisco, CA, March. *(Abstract p. 112).*

Henik, A. (2009). Neurocognitive mechanisms of developmental dyscalculia. Presented at The Functions of the Parietal Lobes conference, Jerusalem, Israel, March-April.

Naparstek, S., & Henik, A. (2009). Count me in! On the automaticity of enumeration processes. Presented at the 16th Annual Meeting of the CNS, San Francisco, CA, March. *(Abstract p. 112).*

Leibovich, T., Yona, K., Ashkenazi, S., Rubinsten, O., & Henik, A. (2009). Size matters: Performance is modulated by the ratio of sizes. Presented at the 16th ESCoP conference, Krakow, Poland, September.

Aisenberg, D., Sapir, A., d'Avossa, G., & Henik, A. (2010). Cognitive control changes with aging. Presented at the 19th Annual Meeting of the Israel Society for Neuroscience (ISFN), Eilat, Israel, December.

Ashkenazi, S., & Henik, A. (2010). Video game training influences attention and numerical processing. Poster presented at the Learning & the Brain conference, San Francisco, February.

Cohen N., & Henik, A. (2010). Can attention modulate emotion? Presented at the 17th CNS conference, Montreal, Canada, April. *(Abstract p. 99).*

Leibovich, T., Diesendruck, L., Rubinsten, O., & Henik, A. (2010). The importance of being relevant – modulation of magnitude representations. Presented at the 16th Cognitive Science Association for Interdisciplinary Learning (CSAIL) conference, Hood River, Oregon, July.

Salzer, Y., Aisenberg, D., Oron-Gilad, T., & Henik, A. (2010). In touch with the Simon effect. Presented at the 16th CSAIL conference. Hood River, Oregon, July.

Weinbach, N., & Henik, A. (2010). Does alertness play with executive functions? Yes… no… maybe so! Poster presented at the 16th CSAIL conference, Hood River, Oregon, July.

Akiva-Kabiri, L., Gertner, L., Ben Tzvi, G., & Henik, A. (2011). Space is alive with the sound of music: The case of musical tone-space synesthesia. Poster presented at the Meeting of the UK Synaesthesia Association, University of East London, London, UK, March.

Akiva-Kabiri, L. & Henik A. (2011). The musical rainbow: two types of tone color synesthesia. Poster presented at The Neurosciences and Music - IV, Learning and Memory Conference, Edinburgh, Scotland, UK, June.

Akiva-Kabiri, L.,* Leibovich, T.,* Azaria, G., & Henik, A. (2011). How does this sound? Differences in pitch processing between musicians and absolute pitch possessors. Poster presented at the Fechner Day, the 27th Annual Meeting of the International Society for Psychophysics (ISP), Herzliya, Israel, October. (*these authors contributed equally)

Akiva-Kabiri, L., Gertner, L., & Henik, A. (2011). Space is alive with the sound of music: The case of musical tone-space synesthesia. Oral presentation at the Systhematic Musicology conference, Cologne, Germany, October.

Akiva-Kabiri, L., Gertner, L., & Henik, A. (2011). Music Pitch Tone Synesthesia: general and specific aspects. Oral Presentation at the Ninth Annual National Conference of the American Synesthesia Association, University of California San Diego, La Jolla, California, October.

Leibovich, T., Diesendruck, L.., Rubinsten, O., & Henik, A. (2011). The importance of being relevant: Modulation of magnitude representations. Poster resented at the 18th Annual Meeting of the CNS, San-Francisco, CA, April.

Leibovich, T., Yona, K., Ashkenazi, S., Rubinsten, O., & Henik, A. (2011) Time Required for Comparative Judgment Depends on Dimensionality, Proceedings of the 27nd Annual Meeting of the ISP, Herzliya, Israel, October.

Linkovski, O., Akiva-Kabiri, L., Gertner, L., & Henik, A, (2011). C4 on the left: Explorations of musical-tones space synaesthesia. Proccedings of the 34th European Conference on Visual Perception (ECVP), Toulouse, France, September. *Perception 40* ECVP Abstract Supplement, page 137.

Weinbach, N., & Henik, A. (2011). Alertness interacts with cognitive control by increasing the influence of distracting visual stimuli. Poster presented at the Cognitive Neuroscience Society (CNS) Conference, San Francisco, California, April.

Akiva-Kabiri, L. & Henik A. (2012). Musical synesthesia: the role of absolute pitch in different types of pitch tone synesthesia. Presented at the 12th International Conference on Music Perception and Cognition (ICMPC) and the 8th Triennial Conference of the European Society for the Cognitive Sciences of Music (ESCOM), Thessaloniki, Greece, July.

Akiva-Kabiri, L., & Henik, A. (2012). Musical synesthesia. Presented at the Annual Meeting of the Israel Musicology Society, Hebrew University, Jerusalem, Israel, June.

Akiva-Kabiri, L., Leibovich, T., Azaria, G., & Henik, A. (2012). A unique pattern of ratio effect in musicians who are absolute pitch possessors. Presented at the 12th International Conference on Music Perception and Cognition (ICMPC) and the 8th Triennial Conference of the European Society for the Cognitive Sciences of Music (ESCOM), Thessaloniki, Greece, July.

Anholt, G., Linkovski, O., Kalanthroff, E., & Henik, A. (2012). An inhibition deficit model for the etiology and treatment of obsessive-compulsive disorder. Presented at the 2nd Meeting of the Special Interest Group for OCD (SIG-OCD), organized by the European Association of Cognitive-Behavioral Therapy (EACBT), Assisi, Italy, May.

Arend, I., Henik, A., & Gradstein, L. (2012). The generation of spatial codes relies on the intact function of the oculomotor system: A study on Duane Refraction Syndrome. Poster presented at the 21th Israel Society for Neuroscience (ISFN) Conference, Eilat, Israel, December.

Cohen N., & Henik, A. (2012). Automatic emotion regulation – A role for executive control. Presented at the Israeli Neuropsychological Conference, Bar-Ilan University, Ramat-Gan, Israel, February.

Cohen N., & Henik, A. (2012). Executive control attenuates emotion. Poster presented at the Social Psychology Annual Meeting, Jerusalem, Israel, December.
Cohen N., & Henik, A. (2012). Stop feeling: Executive control attenuates emotional effects. Presented at the 21st ISFN Annual Meeting, Eilat, Israel, December. (*Abstract p. 24*).

Cohen, N., Leibovich T., & Henik, A. (2012). Itsy bitsy spider? Individual differences modulate mental representation of size. Poster presented at the European Society for Cognitive and Affective Neuroscience (ESCAN) Conference, Marseille, France, May. (*Abstract p. 79*).

Gertner, L., Arend, I., & Henik, A. (2012). Effects of non-symbolic numerical information suggest the existence of magnitude–space synesthesia. Presented at the UK Synaesthesia Association Annual Conference, Oxford, UK, April.

Henik, A., & Kalanthroff, E. (2012). Stroop, stopping, switching, and reverse facilitation. Presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, Minnesota, USA, November. (*Abstract of the Psychonomic Society, 17*, p. 4).

Kalanthroff, E., Gabay, S., Henik, A., & Gronau, N. (2012). Representation of conceptual size in the ventral visual cortex: fMRI study. Presented at the 21th Israel Society for Neuroscience (ISFN) Conference, Eilat, Israel, December. (*Abstract pp. 50-51*).

Kalanthroff, E., Linkovski, O., Anholt, G., & Henik, A. (2012). Did I turn-off the stove? Good inhibitory control can protect from influences of repeated checking. Poster presented at the 4th Central European Cognitive Science Association (cecog) Conference, Dubrovnik, Croatia, May. (*Learning & Perception, 4*, *p. 30).*

Lichtenstein-Vidne, L., Gabay, S., Henik, A. & Avidan, G. (2012). Lateralization of emotions: Evidence from pupil size measurement. Poster presented at European Society for Cognitive and Affective Neuroscience (ESCAN) Conference, Marseille, France, May.

Linkovski, O., Akiva-Kabiri, L., Gertner, L., & Henik, A. (2012). Is it real? Authenticating musical space synesthesia. Presented at the 4th International Convention for Spatial Cognition, Rome, Italy, September.

Linkovski O., Kalanthroff, E., Anholt, G., & Henik, A. (2012). Did I turn off the stove? Good inhibitory control can protect from influences of repeated checking. Poster presented at the IV Dubrovnik Conference on Cognitive Science (DuCog), organized by the Central European Cognitive Science Association (CECOG), Dubrovnik, Croatia, May.

Weinbach, N., & Henik, A. (2012). The interaction between alertness and executive control. Presented at the 21st Israel Society for Neuroscience (ISFN) Conference, Eilat, Israel. *(Abstract p. 113)*.

Weinbach, N., & Henik, A. (2012). Alerting can interact with executive control by increasing the influence of irrelevant spatial distractors. Poster presented at the 4th Dubrovnik Conference on Cognitive Science, Dubrovnik, Croatia, May. *(Abstract p. 49).*

Barabash Katz, G., Benbassat, A., Diesendruck, L., Sipper, M., & Henik, A. (2013). From size perception to counting: An evolutionary computation point of view. Present at a student workshop of the Genetic and Evolutionary Computation Conference (GECCO), Amsterdam, The Netherlands, July.

Cohen, Z., & Henik, A. (2013). Subitizing in the tactile modality and finger counting. Poster presented at the 18th ESCoP Conference, Budapest, Hungary, August-September.

Fruchtman, T., Salzer, Y., Cohen, N., & Henik, A. (2013). The links between emotion and executive control – a comparison between the visual and the tactile modalities. Poster presented at the 18th ESCoP Conference, Budapest, Hungary, August-September.

Gliksman, Y., Itamar, S., Labovitch, T., & Henik, A. (2013). Physical and conceptual magnitude in objects perception. Poster presented at the 18th ESCoP Conference, Budapest, Hungary, August-September.

Henik, A., & Gabay, S. (2013). Paths to orienting of attention. Presented at the conference A Passion for Science: In Memory of Shlomo Bentin. Hebrew University, Jerusalem, June.

Henik, A. (2013). Presentation of successful ERC projects. Oral presentation in the European Research Council (ERC) Symposium, at the 18th ESCoP conference, Budapest, Hungary, August-September.

Leibovich, T., Ben-Tov, M., Segev, R., & Henik, A. (2013). Confessions of a primitive mind. Interactive presentation at the 5th Israeli Presidential Conference, Jerusalem, Israel, June.

Leibovich, T., & Henik, A., (2013). If you can't control them – study them! Poster presented at the 25th Association for Psychological Science (APS) Annual Convention, Washington, D.C., United States, May.

Leibovich, T., Katz, G., & Henik, A. (2013). Size matters! but which size? Presented at the 18th European Society for Cognitive Psychology (ESCoP) Conference, Budapest, Hungary, August-September.

Linkovski, O., Kalanthroff, E., Anholt, G. E., & Henik, A. (2013). Interplay between repeated checking and inhibition suggests that inhibitory deficit may have a causal role in the development of OCD. Poster presented at the 18th ESCoP Conference, Budapest, Hungary, August-September.

Moyal, N., Cohen, N., Henik, A., & Anholt, G. E. (2013). Emotion regulation training for subclinical worriers. Poster presented at the 18th ESCoP Conference, Budapest, Hungary, August-September.

Rinaldi, L., Di Luca, S., Henik, A., & Girelli, L. (2013). An interactive account of visuo-spatial asymmetries: developmental and cross-cultural evidence. Poster presented at the 18th ESCoP Conference, Budapest, Hungary, August-September.

Rotem, A., & Henik, A. (2013). Product plausibility checking in typical achievers and in children with mathematics learning disability (MLD). Poster presented at the 18th ESCoP Conference, Budapest, Hungary, August-September.

Naparstek, S., Leibovich, T., & Henik, A. (2013). The building blocks of numerical ability – numerosity is important but not sufficient. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, Canada, November.

Burnett, K. E., & Henik, A. (2014). Volitional and automatic orienting of attention following a motion cue. Presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA, USA, November. (*Abstract of the Psychonomic Society, 1016*, p. 76).

Dadon, G., & Henik, A. (2014). List-level and item-level control in the Stroop task. Presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA, USA, November. (*Abstract of the Psychonomic Society, 1127*, p. 98).

Katzin, N., Linkovski, O., Weinbach, N., & Henik, A. (2015). Attentional networks: segregated, overlapping or in between? Talk presented at the Cognitive Science Association for Interdisciplinary Learning (CSAIL), Hood-River, Oregon, USA, August.

Linkovski, O., Anholt, G., & Henik, A. (2015). Moment to moment priming of inhibitory control and its effects on uncertainty. Poster presented at the Meeting of the European Society for Cognitive Psychology, Paphos, Cypress, September.

Naparstek, S., Salti, M., Kessler, Y. & Henik, A. Numerical blink – Distance matters (2015). Presented at the 19th Conference of the European Society for Cognitive Psychology (ESCOP), Paphos, Cyprus, September.

Naparstek, S., Cohen, N., Henik, A., Zultan, R., Shiber, A., Shalvi, S., & Shalev, H. (2016). Oxytocin and emotion regulation: the role of executive control. Presented at the the 25th Israel Society For Neuroscience (ISFN) Annual Meeting, Eilat, Israel, December.

Bar-Hen-Schweiger, M., & Henik, A. (2017) Looking beyond seeing: Components of visual-spatial ability. Poster presented at the 18th Annual Meeting of ISIR (International Society for Intelligence Research), Montreal, Canada, July.

Hershman, R., Cohen, N., & Henik, A. (2017). CHAP: An open source software for processing and analyzing pupillometry data. Presented at the 17th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, FL, United States, May.

Linkovski, O., Anholt, G., Henik, A., & Rodriguez. C. (2017). Priming of inhibitory control and its effect on uncertainty. Talk and poster presentated at the International Obsessive-Compulsive Disorder Foundation Conference, San Fransisco, California, USA, July.

Hershman, R., & Henik, A. (2018). Disassociation between reaction time and pupil dilation in the Stroop task. Presented at the 41th European Conference on Visual Perception (ECVP), Trieste, Italy, August.

Milshtein, D., & Henik, A. (2018). Manipulation of emotional imagery modulates affective priming. Presented at the 59th Psychonomic Society Annual Meeting Conference, New Orleans, USA, November.

Galili, H., & Henik, A. (2019). Learning basic set operations: Union and intersection. Presented at the Learning and Education in Mathematical Cognition Workshop, Ghent, Belgium, June.

Katzin, N., Henik, A., & Salti, M. (2019). Putting the world in mind: The case of quantity perception. Talk presented at the 21st European Society for Cognitive Psychology Conference (ESCOP), Tenerife, Spain, September.

Gliksman, Y., Berebi, S., & Henik, A. (2020). The developmental trajectory of math fluency. Poster presented in the 3rd Annual Meeting of the Mathematical Cognitive and Learning Society (MCLS), June, Dublin, Ireland.

RESEARCH GRANTS

1985 U.S. - Israel Binational Science Foundation, Henik, A., Tzelgov, J., & Friedrich, F. J. Semantic activation during word and picture recognition. Two Years. $51,850

1987 U.S. - Israel Binational Science Foundation, Henik, A., Tzelgov, J., Friedrich, F. J., & Osimani, A. Shared and specific attentional mechanisms in spatial and semantic systems. Three Years. $90,200

1987 National Council for Research and Development, Dinstein, I., Tzelgov, J., & Henik, A. Psychological aspects in stereoscopic picture compression. Two Years. $30,000

1987 Israel Ministry of Defense, Henik, A. Improving the usage of thermal imaging (FLIR) techniques. Two Years. $18,670

1988 Enosh - Psychobiology, Priel, B., & Henik, A. Attentional deficits in semantic processing of schizophrenic patients. One Year. $10,000

1990 Israel Foundations Trustees, Tzelgov, J., & Henik, A. Controlled processing in semantic network. Two Years. $20,000

1991 Psychobiology, Henik, A., & Priel, B. Semantic and lexical processing in schizophrenic patients. Two Years. $19,000

1994 The Israel Science Foundation (ISF), Henik, A. Shifting attention between semantic categories: automaticity and intentional control. Three Years. $51,750

1996 U.S. Army Research Institute, Henik, A., Brainin, E., & Dovrath, R. The preservation and the decay of military skills. Five years. $290,000

1996 ISF, Henik, A. Work stations for neuropsychology laboratory. Equipment grant. $52,000

1998 ISF, Henik, A. Attention, intention, and semantic priming in schizophrenia. Three Years. $108,000

2000 Arc en Ciel/Keshet, Boucart, M., & Henik, A. Temporal and spatial selection in vision: Studies of normal subjects, pathology and psychopharmacology. Travel grant from the French Government.

2001 ISF, Henik, A. Selective attention - the fate of the to-be-ignored stimuli. Four Years. $171,000

2003 ISF, Brodsky, W., & Henik, A. Notational audiation: The mental representation of musical notation. One Year. $30,000

2004 Israel Ministry of Education, Henik, A., & Berger, A. How changing "٢" to "2" influence processes of attention and automaticity in number processing in elementary school children. One year. $10,000

2005 ISF, Henik, A. Attention and brain mechanisms in synesthesia. Four Years. $33,000 per year.

2005 ISF, Berger, A., & Henik, A. The development of number representation during childhood. Four Years. $28,000 per year.

2006 Israel Ministry of Science and Technology, Henik, A., & Rubinsten, O. Characterization and diagnosis of people with developmental dyscalculia. One year. $20,000.

2006 Israel Ministry of Education, Henik, A., Bentin, S., Berger, A., Stavy, R., Tzelgov, J., Reiner, M., & Shalev, R. Planning and consulting team in neuroscience, cognitive science and education. Two years. $225,000.

2008 ISF-IAS (Institute for Advanced Studies, Hebrew University)-Bat Sheva De Rothschild, joint seminar funding: The Functions of the Parietal Lobes, March 29th-April 2nd 2009. $80,000.

2008 ISF Center of Excellence, Henik, A. (coordinator), Tzelgov, J., Berger, A., & Rubinsten, O. The neurocognitive basis of numerical cognition. Four years, $835,000.

2010 ISF, Henik, A., & Rubinsten, O. Research workshop: Typical and atypical neurocognitive aspects of numerical processing. $17,000.

2012 GIF, Henik, A., Weiss-Blankenhorn, P. H., Fink, G. R., & Vossel, S. Cortical and subcortical contributions to cognitive control. Three years, €199,100.

2012 ERC Advanced Researcher Grant 2011, Henik, A. Size matters in numerical cognition. Five years, €2,251,330.

2012 ISF Center of Excellence, Henik, A. (coordinator), Tzelgov, J., Berger, A., & Rubinsten, O. The neurocognitive basis of numerical cognition. Four years (renewal), $214,000 per year.

2016 ISF, Henik, A. Cognitive, functional and structural basis of natural and trained synesthesia. Five years, $48,000 per year.

2022 ISF, Henik, A. Task conflict. Five years, $63,000 per year.

PRESENT ACADEMIC ACTIVITIES

My research encompasses cognitive systems dealing with numerical processing, word processing, attention (spatial and selective), synesthesia, and emotion. In all of these areas I investigate the brain-behavior relationship both in normal and brain-injured populations. To this end, I use behavioral methods as well as various neuroimaging techniques like fMRI and ERP. Part of my research is devoted to understanding typical and atypical development.