

CURRICULUM VITA

Daniel Fitousi

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Personal Details*Date of Birth:* 22.10.1974*ID:* 031943152*Nationality:* Israeli*Family status:* married*Number of children:* 1*Military service:* Israel Air Force 1995-1998*Permanent address:* Habal Shem Tov, 6, Ramat Gan, Israel*Home phone:* + 972 055 66 55 088*Fax:* + 972 3 6056389*e-mail:* danielfitousi@gmail.com**Education**

Postdoctoral Research	Cognitive Neuroscience	2010 - 2011	Duke-Nus Medical School (Singapore)
Postdoctoral Research	Mathematical Psychology	2007 - 2010	The Pennsylvania State University (USA)
PhD.	Cognitive Psychology	2003 - 2007	Tel-Aviv University
M.A.	Cognitive Psychology	1998 - 2001	Ben-Gurion University
B.A.	Behavioral Sciences, Cum Laude	1992 - 1995	Ben-Gurion University

Current Position

Lecturer, Department of Behavioral Sciences, Ariel University, Israel

Publications

- Fitousi, D. (2014). Part-based processing with composite faces: Evidence from Garner and redundant target designs. *under review*
- Fitousi, D. & Mama, Y. (2014). Somatic load improves selective attention. *under review*
- Fitousi, D. (2014). Perceptual load, practice, and selective attention *under review*
- Fitousi, D. (2014). On the internal representation of numerical magnitude and physical size. *Experimental Psychology, in press*
- Fitousi, D. (2013). Mutual information, perceptual independence, and holistic face perception. *Attention, Perception & Psychophysics*, 75, 983-1000.
- Fitousi, D. & Wenger, M., (2013). Variants of independence in the perception of facial identity and expression. *Journal of Experimental Psychology: Human Perception & Performance*, 39, 133-155
- Fitousi, D., & Wenger, M., (2011). Processing capacity under perceptual and cognitive load: A closer look at load theory. *Journal of Experimental Psychology: Human Perception & Performance*, 37, 259-275.

- Fitousi, D., (2010). Dissociating between cardinal and ordinal and between value and size magnitudes of coins. *Psychonomic Bulletin & Review*, 17, 889-894.
- Fitousi, D., Shaki, S., & Algom, D.,(2009). The role of parity, physical size, and magnitude in numerical cognition: The SNARC effect revisited. *Attention, Perception & Psychophysics*, 71, 143-155.
- Fitousi, D., & Algom, D., (2006). Size Congruity effects with two-digit numbers: Expanding the number line? *Memory & Cognition*, 34, 445-457.

Presentations

- Fitousi, D. (2013). What's in a number? How people represent numerical dimensions. An invited talk at Tel-Aviv University, Department of Psychology, Israel.
- Fitousi, D. (2013). On the internal representation of numerical dimensions: Experimental and stochastic modeling approaches. An invited talk at Bar-Illan University, Department of Psychology, Israel.
- Fitousi, D. (2013). Object-based attention: A General recognition theory approach. A poster presented at Fechner Day' 2013. University of Freiburg, Germany: International Society for Psychophysics.
- Fitousi, D. (2013). Multidimensional models of holistic face recognition. A talk given at the 4th annual meeting of the integrative brain science center– Ariel, Israel.
- Fitousi, D. (2012). Perceptual independence in face and number recognition. An invited talk at the Hebrew University, Department of Psychology, Israel.
- Fitousi, D. (2011). Selective attention and processing capacity under perceptual and cognitive load. An invited talk at the Technion, Department of management, Israel.
- Fitousi, D. & Purves, D. (2011). Simple neural networks whose evolved behavior can parse length, distance and orientation. A talk given at the “empirical neural modeling” workshop. Singapore.
- Wenger, M. J., Von Der Heide, R., Bittner J.& Fitousi, D. (2010). Increases in perceptual capacity as a function of perceptual learning: behavioral regularities and possible neural mechanisms. A poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
- Fitousi, D., Wenger, M. J., Von Der Heide, R., & Bittner J. (2010). Attentional weighting in configural face processing. A poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
- Bittner J., Wenger M. J., Von Der Heide, R. & Fitousi, D., (2010). The role of learning in the perceptual organization of a face. A poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
- Fitousi, D. & Wenger M. (2009). Statistical learning and attention in configural processing: Considering effects of base-rates and payoffs. A talk given at the Configural Processing Consortium (CPC). November, 2009, Boston.
- Bittner J., Wenger M. J., Von Der Heide, R. & Fitousi, D., (2009). From illusory contours to faces: A first step in relating foundational characteristics of perceptual organization. A poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
- Fitousi, D., Wenger, M. J., Von Der Heide, R., & Bittner J. (2009). Varieties of perceptual independence in the processing of facial identity and expression. A poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
- Bittner J., Wenger M. J., Von Der Heide, R. & Fitousi, D., (2009). CONUS masking reveals saliency representation in reach-related areas of the posterior parietal cortex . A poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.

- Fitousi, D., & Wenger, M. J. (2008). Varieties of perceptual Independence in the processing of facial dimensions. A talk given at the Configural Processing Consortium (CPC). 12, November, 2008, Notre Dame, IN.
- Wenger, M. J., & Fitousi, D. (2008). Testing Lavie's Load theory. A poster presented at the Vision Science Society, Naples, FL.
- Fitousi, D., & Algom, D., (2007). Using attention to study numerical cognition. A talk given at the workshop on number, space & action. University Hospital-Klinikum, RWTH, Aachen University. Aachen, Germany, March, 23-24, 2007.
- Fitousi, D., & Algom, D., (2006). Two-digit numbers - how strong is the perceptual glue binding their digits together? A poster presented at Fechner Day' 2006. University of Hertfordshire, England: International Society for Psychophysics.
- Fitousi, D., & Algom, D., (2005). Subjective magnitude as a function of numerical magnitude and notation: Additive effects? Fechner Day'2005. Traverse City, Michigan, USA.
- Fitousi, D., & Algom, D., (2004). Parity and magnitude in numerical comparisons: A direct contrast. Fechner Day'2004, Coimbra, Portugal: International Society for Psychophysics.
- Fitousi, D., & Algom, D., (2003). The malleability of the size congruity effect in numerical comparisons. Fechner Day'2003, Larnaca, Cyprus, October,2003.
- Algom, D., & Fitousi, D., (2003). Automaticity versus attention in the processing of two-digit numerals. The 44th annual meeting of the Psychonomic Society, Vancouver, Canada, November,2003.

Manuscripts in Preparation

- Algom, D., & Fitousi, D. (2013). Garner speeded classification task: A review of concepts, methods, and experimental results.

Ad Hoc reviewer

- Journal of Experimental Psychology: Human Perception and Performance
- Experimental Psychology.
- American Journal of Psychology.
- German-Israeli Foundation for Scientific Research

Teaching experience (representative)

- Sensation and perception (Tel-Aviv University).
- Cognitive psychology (Derby University, the Open University of Israel).
- Statistics (Ben-Gurion University).
- Human memory (Derby University).

Past and present affiliations in professional societies

- Vision Sciences Society
- International Society for Psychophysics

- Configural Processing Consortium

Honors, Fellowships, and Awards

- ISEF fellowship 2009
- ISEF fellowship 2008
- The “Nechemia Lev-Zion” award 2004 - 2007.
- Rector fellowship 2005
- Rector fellowship. Awarded to the best 3% of the entire undergraduate student class. 1993.
- Rector fellowship. Awarded to the best 3% of the entire undergraduate student class. 1992

Dissertation

- Automatic versus controlled processes in numerical cognition (under the supervision of Professor Daniel Algom).