

# **Curriculum Vita**

**Dr. Yoav ArieH**

**2007**

Yoav Arie, Ph.D.

Assistant Professor, Department of Psychology

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## **EDUCATION**

**Bar Ilan University** Ramat-Gan, Israel. Ph.D. in Cognitive Psychology 1999.

*Dissertation:* “Categorization and Naming of Picture-Word Stimuli: The Effect of Context and Structure.” (Advisor: Dr. Daniel Algom, Department of Psychology, Tel-Aviv University, Tel-Aviv, Israel)

**Bar Ilan University** Ramat-Gan, Israel. B.A in Psychology (major) and Biology (minor) 1995.

## **PROFESSIONAL EXPERIENCE**

**Montclair State University**, Monclair, NJ: Assistant Professor of Psychology, fall 2003-present

**J. B. Pierce Laboratory and Yale University School of Medicine**, New Haven, CT:  
Visiting Assistant Fellow, summer 2005; summer 2006

**Yale University School of Medicine, Department of Epidemiology and Public Health**, New Haven, CT. Post Doctoral Fellow. 1999-2003

**J. B. Pierce Laboratory**, New Haven, CT. Post Doctoral Associate with Dr. Lawrence E. Marks. 1999-2003

## **PUBLICATIONS**

### **Peer Reviewed Articles:**

**Arieh, Y.** & Marks, L. E. (2007). Post Transient Shifts in Auditory Lateralization. Perception and Psychophysics, 69(4), 523-528.

Marks, L. E., & **Arieh, Y.** (2006). Differential effects of stimulus context in sensory processing. European Review of Applied Psychology, 56, 213-221.

**Arieh, Y.**, Kelly, K., & Marks, L. E. (2005). Tracking the time to recovery after induced loudness reduction. Journal of Acoustical Society of America, 117, 3381-3384

Odgaard, E. C., **Arieh, Y.**, & Marks, L. E. (2004). Brighter Noise: Sensory enhancement of perceived loudness by concurrent visual stimulation. Cognitive, Affective, & Behavioral Neuroscience, 4, 127-132.

**Arieh, Y.** & Marks, L. E. (2003). Time Course of Loudness Recalibration: Implications for Loudness Enhancement. Journal of Acoustical Society of America, 114, 1550-1556.

Odgaard, E. C., **Arieh, Y.**, & Marks, L. E. (2003). Cross-modal Enhancement of Perceived Brightness: Sensory Interaction versus Response Bias. Perception and Psychophysics, 65, 123-132.

**Arieh, Y.**, & Marks, L. E. (2003). Recalibrating the Auditory System: A Speed-Accuracy Analysis of Intensity Perception. Journal of Experimental Psychology: Human Performance and Perception, 29, 523-536.

**Arieh, Y.**, & Marks, L. E. (2002). Context Effects in Visual Length Perception: Role of Ocular, Retinal, and Spatial Location. Perception & Psychophysics, 64, 478-492.

**Arieh, Y., & Algom, D. (2002).** Processing picture-word stimuli: The Contingent Nature of Picture and of Word Superiority. Journal of Experimental Psychology: Learning Memory and Cognition, 28, 221-232. [**Based on the PhD dissertation**].

**Arieh, Y., & Algom, D. (1997).** Reading words in Stroop-like tasks: The effect of contingency between semantic and visual components. Psychologia: Israel Journal of Psychology, 6, 7-19. [Competitive review by two referees]

### **Presentations and talks**

Haddad, A & **Arieh, Y. (2007).** Synesthetic Tendencies in Non- Synesthetes: The Processing of Color and Pitch in a Divided Attention Task. Poster presented at the 78<sup>th</sup> annual meeting of the Eastern Psychological Society, Philadelphia, PA.

**Arieh, Y., Shepherd, M. R., Burger, K., & Marks, L. E. (2007).** Combining information about pitch and position: Evidence for independent processing. Poster presented at the 19<sup>th</sup> annual meeting of the Association for Psychological Science, Washington, DC.

Kelly, K., **Arieh, Y., & Marks, L. E. (2005).** Inducing Loudness reduction affects auditory lateralization. In J. S. Monahan, S. M. Sheffert and J. T. Townsend (Eds.). Fechner Day 2005. Proceeding of the twenty first Annual Meeting of the International Society for Psychophysics (pp 143-148). Mt. Pleasant, MI: The international Society for Psychophysics

Stevens, S. T., & **Arieh, Y. (2005).** What you see is what you hear: The effect of auditory pitch on the detection of visual targets. Poster presented at the 76th annual meeting of the Eastern Psychological Society, Boston, MA.

Mensah, D. B., **Arieh, Y.**, & Zellner, D. (2005). Red hot or cool blue: The effect of color on perceived temperature. Poster presented at the annual meeting of the Pace University, New-York, NY.

**Arieh, Y.**, Mailloux, J., & Marks, L.E. (2004). Loudness Recalibration at Short ISI: A closer look. Poster presented at the 75<sup>th</sup> conference of Acoustical Society of America. New York, New York.

Odgaard, E. C., **Arieh, Y.** & Marks, L. E. (2003). Asymmetric interactions between light and sound: Response biases vs. sensory enhancement. Poster presented at the Fourth International Multisensory Research Forum. Hamilton, Ontario, Canada.

Ashkenazi, A., **Arieh. Y.**, & Marks, L. E. (2003). Cross modal interaction between vision and audition: Role of semantic and spatial processes. Poster presented at the Fourth International Multisensory Research Forum. Hamilton, Ontario, Canada.

Mailloux, J., **Arieh, Y.**, & Marks, L.E. (2003). Enhancement and recalibration in hearing and touch. Poster presented at the Fourth International Multisensory Research Forum. Hamilton, Ontario, Canada.

**Arieh, Y.**, Odgaard, E. C., & Marks, L. E. (2002). Cross-Modal Interaction between Light and Sound: An Accuracy-Speed Analysis. Poster presented at the 43<sup>rd</sup> annual meeting of the Psychonomic Society, Kansas City, Missouri.

**Arieh, Y.**, & Marks, L. E. (2001). Recalibration of loudness: Sensory vs. decisional processes. In E. Sommerfeld, R. Kompass, T. Lachman (Eds.). Fechner Day 2001. Proceeding of the seventeenth Annual Meeting of the International Society for Psychophysics. Pabst Science Publishers: Berlin.

**Arieh, Y.,** Jiang, Y., Marks, L. E. (2001). Context Effects in Visual Length Perception: Evidence for Pre-Attentive Processing. Poster presented at the 42<sup>nd</sup> annual meeting of the Psychonomic Society, Orlando, FL.

Odgaard, E. C., **Arieh, Y.,** & Marks, L. E. (2001). Cross-Modally induced response bias in brightness judgments. Poster presented at the 42<sup>nd</sup> annual meeting of the Psychonomic Society, Orlando, FL.

**Arieh, Y.** (1997). Categorization of picture-word stimuli: The effect of dimensional discriminability on Stroop and Garner Interference. Poster presented at the 8<sup>th</sup> annual meeting of the European Society for Cognitive Psychology, Jerusalem, Israel.

Algom, D., **Arieh, Y.,** & Goldstein, A. (1995). The horizontal-vertical illusion in perception and memory: A psychophysical investigation. In C.A. Possamai (Ed.), Fechner Day 1995. Proceeding of the tenth Annual Meeting of the International Society for Psychophysics. Cassis, France.

Invited talk, “The Effect of Induced Loudness Reduction on Auditory Lateralization” Conference on Loudness Perception, The John B. Pierce Laboratory and Yale University, New-Haven, CT, 2005.

Invited talk, “Studies in loudness.” Speech-Language Pathology & Audiology - Bouve College, NorthEastern University, Boston, MA, 2004.

Invited talk, “Recalibrating the Auditory System: A Speed-Accuracy Analysis of Intensity Perception.” Speech-Language Pathology & Audiology - Bouve College, NorthEastern University, Boston, MA, 2002.

Invited talk, “The Ever Changing Nature of Intensity Perception” Research in Progress Seminar series, The John B. Pierce Laboratory and Yale University, New-Haven, CT, 2002.

Invited talk, “Effect of Context on the Perception of Line Length: Implications for the Horizontal-Vertical Illusion” Cognitive Seminar series, Psychology Department at Tel-Aviv, Israel, 2001.

**Papers under review**

**Arieh, Y.** & Marks, L.E. (Revision Submitted). Cross-Modal Interaction between Light and Sound: An Accuracy-Speed Analysis. [Editor note is attached in supplemental materials].

**AWARDS AND RECOGNITION**

**Grants/Contracts/Awards**

<b>Sponsor</b>	<b>Application #</b>	<b>Amount</b>	<b>Title</b>	<b>Period</b>	<b>Outcome</b>
NIH	1 RO1 DC008534-01	914,308\$	Auditory mechanisms of post transient intensity suppression	06-09	Revising
Israel Foundation Trustees grant for doctoral dissertation		6500\$	Categorization and Naming of Picture-Word Stimuli: The Effect of Context and Structure	1995-1998	Funded

**Other:**

- o Bar-Ilan University Rector Award for Ph.D. proposal – 1995
- o Bar-Ilan Excellence scholarship for Ph.D. students –1995-1997

## **PROFESSIONAL MEMBERSHIPS AND REVIEW SERVICE**

Acoustical Society of America - Member

Association for Psychological science – Member

Council on Undergraduate Research – Member

Eastern Psychology Association - Member

International Society for Psychophysics - member

Psychonomic Society – Member

### **Scientific review service**

#### **Journals reviewer**

Cognition,

Current Biology

Journal of Acoustical Society of America

Journal of Experimental Psychology: Human Perception and Performance,

Perception and Psychophysics

Psychonomic Bulletin and Review

#### **Grants review board**

Israel Science Foundation – 2004; 2006

## **Montclair state University instructional record**

### Courses:

- Experimental Psychology – fall 2003; fall 2004; spring 2005; spring 2006; Fall 2006; Spring 2007
- Quantitative methods in Psychology – fall 2004; spring 2005; fall 2005; Fall 2006; Spring 2007
- Research methods for graduates – fall 2003; fall 2005
- Human experimental Psychology for graduate – spring 2004; spring 2005
- History and Systems of Psychology – spring 2004 (2 sections); Spring 2006

(Students evaluation are available for all courses)

### MA Thesis mentor

Jack Latona (2007-2008) - Visual Enhancement of Sound Detection in Noise

### Independent studies, Honors thesis, and Graduate Assistantship

David Kosofsky (BA, 2007-2008) – Inter aural transfer of induced loudness reduction

Claudia Urdanivia (Honors thesis, BA, 2007-2008)

Haddad Alien (Honors thesis, BA, 2006-2007)

Sibyl Natasha Arbelo (Graduate assistant, 2005-6) – Cross modal effects

Michel J. Pool (BA, 2005-6) – Behavioral effects of looming motion.

Tom Kurtovic (BA, 2005-6) – selective attention to pitch and color.

Karen Kelly (Graduate assistant, 2004-5) – After-effects in loudness perception.

Christina Matos (BA, 2005-6) - The effect of pitch on visual detection II.

Mason Shepard (BA, 2005-6; Graduate assistant – 2007-8) - selective attention and looming stimuli.

Sean T. Stevens (BA, 2004-5) – The effect of pitch on visual detection I.

Darius Menasha (BA, 2004-2005) - Cross modal interactions between color and temperature.

Ilana Goldstein (BA, 2004) - selective and divided attention for color and words.

#### Thesis committee

Karen Kelly (2005), Hemispheric Differences in Deception and Fanaticism: a Modal using High Affiliation Sports Fans. Sponsor: Julian P. Keenan

#### **Departmental service**

- Adjunct evaluation committee – 2003-2004; 2007-2008
- Graduate curriculum committee- 2004-2005-2006-2007-2008
- Graduate program admission committee – 2005-2006-2007-2008
- Ad-hoc committee for examination of faculty evaluation – 2005
- Search committee for department chair person – 2006

#### **College service**

- Stipend selection committee for national endowment for humanities [NEH] - 2007
- First annual college research conference committee - 2007