

JULIET Y. DAVIDOW

Date of preparation: June 24, 2011

Shohamy Learning Lab
Columbia University, Psychology Department

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RESEARCH INTERESTS

Learning, memory, attention, decision-making, cognitive development, brain development, anxiety.

EDUCATION

- Expected **Columbia University** New York, NY
Spring 2014 Ph.D. Candidate in Psychology, focus in Cognitive Neuroscience and Development
Advisor: Daphna Shohamy, Ph.D.
- May 2005 **New York University** New York, NY
B.A. in Psychology, Minor in Dramatic Literature and Cinema Studies.
Cum Laude; Dean's List; Psychology Honors Thesis.

Thesis Advisor: Scott P. Johnson, Ph.D.
Thesis title: How do pre-readers perceive letters? An eye-tracking study.
- June 2001 **Choate Rosemary Hall** Wallingford, CT
Cum Laude; Dean's List; Honegger Prize for special achievement in dramatics; Van Ostrand Perkins High Honors for excellence in painting, sculpture, and art history.

AWARDS

- 2011 National Science Foundation Graduate Research Fellowship
- 2010 Kavli Travel Grant for 2010 Annual Meeting of the Society for Neuroscience
Kavli Institute for Brain Sciences, Columbia University
- 2010 Honorable Mention
National Science Foundation Graduate Research Fellowship
- 2009 - Present Leo Rubinstein Endowed Fellowship Fund

TEACHING EXPERIENCE

- Jan '11-May '11 **Columbia University** New York, NY.
Introduction To Developmental Psychology
Professor Lois Putnam, Ph.D.,
Teaching Assistant, Guest Lecturer
- Jan '10-May '10 **Columbia University** New York, NY.
The Science of Psychology
Professor Brian Rakitin, Ph.D.,
Teaching Assistant

PROFESSIONAL EXPERIENCE

- Aug '06–July '09 **Sackler Institute for Developmental Psychobiology, Weill Cornell Medical College** New York, NY.
Dima Amso, Ph.D.
Research Assistant
- Jun '05–Jul '06 **New York University Infant Perception & Cognition Lab** New York, NY.
Scott P. Johnson, Ph.D.
Lab Manager
- Jun '04–Aug '04 **St. Luke's-Roosevelt Hospital Alternative Adolescent Day Program (AADP) and Comprehensive Addictions Program for Adolescents (CAPA)** New York, NY.
Shilpa Taufique, Ph.D. and Aliza Septimus, PsyD.
Volunteer
- Oct '09–Present **Cognitive Neuroscience Society**
Member.
- Oct '09–Present **Society for Neuroscience**
Member.
- Sept '07–Sept '08 **International Society on Infant Studies**
Member.

PUBLICATIONS

Amso, D., & **Davidow, J.** (in press) The development of implicit learning from infancy to adulthood: Item relations, salience, and cognitive flexibility. *Developmental Psychobiology*.

Amso, D., Fitzgerald, M., **Davidow, J.**, Gilhooly, T., & Tottenham, N. (2010) Visual exploration strategies and the development of infants' facial emotion discrimination. *Frontiers in Developmental Psychology, 1*, 1-7.

Johnson, S. P., **Davidow, J.**, Hall-Haro, C., & Frank, M. C. (2008). Development of perceptual completion originates in information acquisition. *Developmental Psychology, 44*(5), 1214–1224.

CONFERENCE PRESENTATIONS

Davidow, J., Alba, E., Deliz, J., Kahn, I., & Shohamy, D. (April, 2011) *Learning and memory in adolescence: Feedback-based learning and flexible generalization*. Cognitive Neuroscience Society, 18th Annual Meeting, San Francisco, California.

Amso, D., & **Davidow, J.** (March, 2011) *Neural correlates of behavioral learning invariance across development: Evidence from functional connectivity*. Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.

Davidow, J., Kahn, I., & Shohamy, D. (November, 2010). *The ability to learn and generalize knowledge is related to intrinsic interactions between multiple memory systems during rest*. Society for Neuroscience 40th Annual Meeting, San Diego, California.

Kramer, B., **Davidow, J.**, & Amso, D. (April, 2010). *The role of maintenance mechanisms in learning to associate temporally discontinuous items: A developmental investigation*. 17th Annual Cognitive Neuroscience Society Meeting, Montreal, Quebec, Canada.

Farmer, T. A., **Davidow, J.**, & McCandliss, B. D. (March, 2009). *Integrating eye- and hand-movements to more accurately index competition-based effects in the visual-world paradigm*. 22nd Annual Meeting of the CUNY Conference on Human Sentence Processing, Davis, CA.

Davidow, J. & Amso, D. (March, 2008) *Learning two parameters acting on one item: Evidence from response to novelty in an eye tracking paradigm*. International Conference on Infant Studies, Vancouver, BC, Canada.

Fitzgerald, M., Tottenham, N., **Davidow, J.**, Gilhooly, T., & Amso, D. (March, 2008) *The development of emotion expression discrimination in infants: Evidence from infant scan patterns*. International Conference on Infant Studies, Vancouver, BC, Canada.

Amso, D., Soliman, F., **Davidow, J.**, Hare, T., Getz, S., Millner, A., Bath, K., & Casey, B.J. (May, 2007). *Impact of Brain Derived Neurotrophic Factor Val66Met polymorphism on hippocampal and striatal learning: Evidence from fMRI*. Cognitive Neuroscience Society, New York, New York.

Johnson, S. P., **Davidow, J.**, Frank, M. C., & Hall-Haro, C. (June, 2006). *Constraints on perceptual completion in infancy*. International Conference on Infant Studies, Kyoto, Japan.

Johnson, S. P., Shats, P., Vasserman, A., **Davidow, J.**, & Frank, M. C. (June, 2006) *Where do infants look when they look at faces?* International Conference on Infant Studies, Kyoto, Japan.

Johnson, S. P., **Davidow, J.**, & Frank, M. C. (May, 2006) *Developmental origins of perceptual completion in infancy*. Proceedings of the Annual Meeting of the Vision Sciences Society, Florida.

Johnson, S. P., **Davidow, J.**, Hall-Haro, C., & Frank, M. C. (May, 2006). *Developmental mechanisms of perceptual completion*. International Conference on Development and Learning, Indiana.

Symposium on “Cognition and Perception”. New York University Undergraduate Research Conference, New York, NY: *How do pre-readers perceive letters? An eye-tracking study*, 2005.

OTHER TRAINING

Analysis and Function of Large-Scale Brain Networks (Society for Neuroscience Short Course, San Diego, 2010), Workshop in Multivariate Pattern Analysis in fMRI (Columbia University, 2010), Goal-Directed Decision Making: Behavior, Neuroscience and Computation (Princeton University, 2009), fMRI Image Acquisition and Analyses Course (Mind Research Network, University of New

Mexico, and Columbia University, 2009), AFNI Bootcamp (NIMH and Dartmouth University, 2009), Progress in Neuroscience Seminar (WMC Cornell, 2006-2009), Sackler Institute Seminar Series in Child Psychopathology (Sackler Institute, WMC Cornell, 2007-2009), John Merck Fund Summer Institute on the Biology of Developmental Disabilities (Sackler Institute, WMC Cornell and Cognitive Science Program, Cornell University, 2007 & 2009), Functional Neuroimaging Summer Lecture Course (WMC Cornell, 2007 & 2008), Seminar on Psychobiology of Language Development (WMC Cornell, 2008), Statistics for the Behavioral Sciences (Sackler Institute, WMC Cornell, 2007).

REFERENCES

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BJ Casey, Ph.D.

Director of the Sackler Institute for Developmental Psychobiology and Director of the Center for Brain, Gene and Behavioral Research Across Development
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Dima Amso, Ph.D.

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Brown University, Department of Cognitive, Linguistic, & Psychological Sciences
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