

Anna Leshinskaya

Curriculum Vitae

Department of Psychology
University of Pennsylvania
425 S. University Ave, Stephen A. Levin Bldg.
Philadelphia, PA, 19104

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Education

PhD 2009—2015

Psychology
Harvard University, Cambridge, MA

Thesis: *Principled neural partitions among aspects of artifact and action concepts.*
Committee: Prof. Alfonso Caramazza (supervisor), Prof. Susan Carey, Prof. Marius Peelen, Prof. Joshua Greene

Bachelor of Arts, Honors 2004—2008

Cognitive Science
Carleton University, Ottawa, Canada
Thesis: *Children's representational understanding in moving word and false word tasks.*
Supervisor: Prof. Deepthi Kamawar

Visiting Student 2006—2007
Edinburgh University, Edinburgh, UK

Academic Employment

Post-Doctoral Fellow June 2015—present

Center for Cognitive Neuroscience, University of Pennsylvania
Supervisor: Prof. Sharon Thompson-Schill

Assistant in Neuropsychology Sept. 2008—Sept. 2009

Prof. Denise Klein, Neuropsychology Department, Montreal Neurological Institute, Montreal, Canada
Assisted with pre-operative PET & fMRI and cognitive testing of neurosurgery patients

Research Assistant May 2008—Sept. 2009

Prof. Natalie Phillips, Centre for Research on Human Development, Concordia University, Montreal, Canada

Manuscripts

Leshinskaya A., Bajaj, M., & Thompson-Schill, S. L. (in prep)*. Implicit binding between predictive rules.

Leshinskaya, A., & Thompson-Schill, S.L. (under review)*. Inferences about uniqueness in statistical learning.

Leshinskaya, A., & Thompson-Schill, S.L. (under review)*. From the structure of experience to concepts of structure: how the concept 'cause' applies to streams of events.

Leshinskaya, A., & Caramazza, A. (in prep)*. Why or what? Neural organizing principles of action semantics.

All manuscripts available by request

Publications

Leshinskaya, A., Contreras, J.M., Caramazza, A. & Mitchell, J.P. (2017). Neural representations of belief concepts: A representational similarity approach to social semantics. *Cerebral Cortex*, 27 (1): 344-357.

Leshinskaya, A., & Caramazza, A. (2016). For a cognitive neuroscience of concepts: Moving beyond the grounding issue. *Psychonomic Bulletin & Review*, 23(4), 991–1001.

Leshinskaya, A., & Caramazza, A. (2015). Abstract categories of functions in anterior parietal lobe. *Neuropsychologia*, 76, 27–40.

Leshinskaya, A. & Caramazza, A. (2014). Nonmotor aspects of action concepts. *Journal of Cognitive Neuroscience*, 26(12), 2863–2879.

Leshinskaya A. & Caramazza A. (2014). Organization and Structure of Conceptual Representations. V. Ferreira, M. Goldrick, & M. Miozzo (Eds.) *The Oxford handbook of language production*. Oxford: Oxford University Press.

Conference proceedings

Leshinskaya, A. & Thompson-Schill, S.L. (2017). Structured knowledge and novel object kinds can be inferred from visual event streams. *Journal of Vision*, 17 (492).

Leshinskaya, A., & Caramazza A. (2015). Visual search speed is influenced by differences in shape arbitrariness. *Journal of Vision*, 15 (12). p1165.

Selected Conference Presentations: Talks

Leshinskaya, A., Contreras J.M., Caramazza A. & Mitchell J.P. (2017). Representations of belief concepts and the neural organization of abstract semantics. Talk presented at the meeting of the Society for Neuroscience, November 11-15, Washington, DC

Leshinskaya, A. & Caramazza A. (2014). Abstract categories of functions in anterior parietal

lobe. Talk presented at the Rovereto Workshop on Concepts, Actions and Objects, May 10 2014, Rovereto, Italy.

Selected Conference Presentations: Posters

Leshinskaya A. & Thompson-Schill, Sharon L. (2016). Noticing causal properties of objects from sequence statistics. Poster presented at the Cognitive Science Society Meeting, 10-13 August 2016, Philadelphia, PA.

Leshinskaya A., Contreras J.M., Caramazza A. & Mitchell J.P. (2013). A neural similarity space for beliefs. Poster presented at Cognitive Neuroscience Society Meeting, 12 April 2013, San Francisco, CA.

Leshinskaya A., & Caramazza, A. (2011). Theory of mind and other theories: the role of the left temporo-parietal junction in semantic processing. Poster presented at the International Conference on the Neurobiology of Language, 12-14 November 2011, Annapolis, MD.

Teaching & Supervision

Teaching Fellow

Sept—Dec 2013

Prof. Daniel Gilbert, Psychological Science, Psychology Department, Harvard University

Feb—May 2012

Prof. Alfonso Caramazza, Cognitive Neuroscience, Psychology Department, Harvard University

June—July 2011

Prof. Alfonso Caramazza, Windows into the Structure of the Mind and Brain, Harvard Summer Abroad Program, Trento, Italy

Student Supervision

Mira Bajaj, summer research fellowship & undergraduate thesis

Jeni Stiso, graduate rotation

Cristina H. Leon, independent study & summer research fellowship

Domonique Roberts-Mack, independent study

Alan Rozet, research assistant

Isobel Green, research assistant

Gabbie Giugliano, research assistant

Awards

Scholarship to attend Summer Seminar in Neuroscience and Philosophy	2018
Scholarship to attend Center for Brains, Minds and Machines Summer Course	2016
Mind, Brain, and Behavior Graduate Student Research Grant	2014
Concepts, Actions and Objects Workshop Abstract Award	2014
Norman Anderson Fund Research Grant, Harvard University	2013
Natural Sciences and Engineering Council (NSERC) Post-Graduate Scholarship	2010-2014

NSERC Alexander Graham Bell Canada Graduate Scholarship (declined)	2009
NSERC Undergraduate Student Research Award	2008
Queen Elizabeth II Undergraduate Scholarship	2004-2008
Claude Bissell Undergraduate Scholarship	2004-2008

Community Service Positions

Member of Organizing Committee

Council for Women of Penn Psychology *2017—present*

Founder, Neuwrite Philadelphia

Community of scientists and writers seeking to improve science communication skills *2015—present*

Member of Executive Committee, Harvard Graduate Student Canadian Club

2013—2015

Organizer, Concepts Seminar

Workshop funded by the Graduate School of Arts and Sciences, Harvard University *2012—2015*

Member of Board of Directors MIT Outing Club

2012—2015

Dudley House Fellow

Graduate School of Arts and Sciences, Harvard University *2011—2013*

Professional Memberships

Psychonomic Society
Society for Neuroscience
Vision Sciences Society
Cognitive Science Society

Ad hoc reviewing

Journal of Cognitive Neuroscience
Journal of Neuroscience
Scientific Reports
NeuroImage

Languages

English (native), French (fluent), Russian (conversational)