

JOSHUA K. HARTSHORNE

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WJH 1180
Cambridge, MA 02138

EDUCATION

(In progress) Doctor of Philosophy. Psychology. Advisor: Jesse Snedeker (expected 2012)
Harvard University / Cambridge, MA

Masters of Arts. Psychology
Harvard University / Cambridge, MA

Bachelors of Arts. Major: Mathematics; Minor: Russian (2002)
Oberlin College / Oberlin, OH

REFEREED PUBLICATIONS

Hartshorne, Joshua K., Nancy Salem-Hartshorne, & Timothy S. Hartshorne (*in press*). Birth order and group self-organization. *Journal of Individual Psychology*, 65(2).

Hartshorne, Joshua K. (2008) Working memory capacity and proactive interference. *PLoS ONE* 3(7): e2716.

Hartshorne, Joshua K., and Michael T. Ullman. (2006) Why girls say ‘holded’ more than boys. *Developmental Science*, 9, 21-32.

PAPERS UNDER REVISION OR SUBMISSION

Makovski, Tal & Joshua K. Hartshorne (*under review*). Visual working memory and the formation of incidental visual long-term memory.

BOOK CHAPTERS

Salem-Hartshorne, Nancy, Blake, Kim, & Hartshorne, Joshua K. (*in press*) Developmental issues section: changes during the life cycle: teenage. In, Hartshorne, T. S., Hefner, M. A., Davenport, S. L. H. & Thelin, J. W., eds., *CHARGE Syndrome*. Plural Publishing, Sandiego, CA.

CONFERENCE PAPERS

Hartshorne, Joshua K. and Jesse Snedeker. (2009). Integration of discourse and semantic structure in children’s resolution of ambiguous pronouns. BUCLD 34, Boston, MA.

Hartshorne, Joshua K. and Jesse Snedeker. (2009). Grammatical context affects online scalar implicature computation. Architectures and mechanisms in Language Processing (AMLaP) conference, Barcelona, Spain.

Vickery, Timothy J., Joshua K. Hartshorne & Yuhong V. Jiang. (2007) Learning to form new perceptual groups. Paper presented at the 15th Annual Object Perception. Attention & Memory meeting.

Monahan, John S., and Joshua K. Hartshorne. (1998) Search task, not field size, affects pop-out search speed. Paper presented at the 90th Annual Meeting of the Southern Society for Philosophy and Psychology, New Orleans.

CONFERENCE POSTERS

Khan, Manizheh, Joshua Hartshorne & Jesse Snedeker. (2009). Can listeners modulation rapid pragmatic inferences based on knowledge about the speaker? Architectures and Mechanisms in Language Processing (AMLaP) conference, Barcelona, Spain.

Hartshorne, Joshua, Manizheh Khan and Jesse Snedeker. (2009). Do listeners model speakers in on-line sentence comprehension? Architectures and Mechanisms in Language Processing (AMLaP) conference, Barcelona, Spain.

Hartshorne, Joshua K., Pogue, Amanda, & Snedeker, Jesse. (2009). Fear and loathing in discourse coherence: children use argument structure in pronoun interpretation. Poster presented at Experimental Pragmatics, Lyon, France.

Pogue, Amanda, Hartshorne, Joshua K., & Snedeker, Jesse. (2009). Evidence for a distinction between canonical and non-canonical syntax-semantics mappings. Poster presented at the Annual Meeting of the Cognitive Science Society, Amsterdam.

Hartshorne, Joshua K. & Snedeker, Jesse. (2009). Grammatical context affects online scalar implicature computation. Poster presented at the 22nd Annual Meeting of the CUNY Conference on Human Sentence Processing, Davis, CA.

Hartshorne, Joshua K. & Snedeker, J. (2009). Rapid online effects of verb argument structure on pronoun resolution. Poster presented at the 22nd Annual Meeting of the CUNY Conference on Human Sentence Processing, Davis, CA.

Hartshorne, Joshua K., Pogue, Amanda, & Snedeker, Jesse. (2009). Who is she and why is she so scary? Psych verbs and the mapping from semantics to syntax. Poster presented at the Society for Research Development Biennial Meeting, Denver, CO.

Salem-Hartshorne, Nancy, & Hartshorne, Joshua K. (2007) Development in CHARGE Syndrome: Results of a longitudinal study. Poster presented at the 8th International CHARGE Syndrome Foundation Conference for Families, Anaheim, CA.

Hartshorne, Joshua, Timothy Vickery and Yuhong Jiang. (2007) Knowledge about target category: a dissociation between categorization and search. Poster presented at the Vision Sciences Society Annual Meeting, Sarasota, FL.

Hartshorne, Joshua K., Claudia J. Bonin and Michael T. Ullman. (2007) The procedural deficit hypothesis of dyslexia. Poster presented at the 14th annual meeting of the Cognitive Neuroscience Society, New York.

Hartshorne, Joshua K., Nancy Salem-Hartshorne and Timothy S. Hartshorne. (2007) Birth order effects in group self-organization. Poster presented at the 55th annual meeting of the North American Society of Adlerian Psychology, Vancouver.

Bonin, Claudia J., Joshua K. Hartshorne and Michael T. Ullman. (2006) The procedural deficit hypothesis of dyslexia. Poster presented at the 25th Rodin Remediation Academy Conference, Washington, D.C.

Hartshorne, Joshua K., Mathew Walenski, and Michael T. Ullman. (2003) An investigation of the role of the declarative and procedural memory systems in language using a dual-task paradigm. Poster presented at the 10th annual meeting of the Cognitive Neuroscience Society, New York.

Ullman, Michael, Ivy V. Estabrooke, Karsten Steinhauer, Matthew Walenski, Claudia Brovotto, Roumyana Pancheva, Kaori Ozawa, Joshua K. Hartshorne, Kristen Mordecai, and Pauline Maki. (2003) Sex differences and the role of estrogen in the neurocognition of language. Poster presented at the 10th annual meeting of the Cognitive Neuroscience Society, New York.

PRESENTATIONS

The structure of the mental lexicon Guest Lecture for Linguistics for Language Students / Oberlin College	2004
The structure of the mental lexicon Guest Lecture for Cognitive Psychology / Central Michigan University	2004
Modes of Tourism, Great Baikal Trail Symposium / Ulan-Ude, Russia	2004
The Declarative/Procedural model / Saint Petersburg State University	2003
The Collapse(?) of the Rapa Nui Civilization Guest Lecture for Introduction to Archaeology / Oberlin College	2002

RESEARCH AND TRAVEL GRANTS

External

National Science Foundation Graduate Fellowship	2011-2013
National Defense Science and Engineering Graduate Fellowship	2008-2011
North American Society of Adlerian Psychology Conference Scholarship	2007
Honorable Mention, National Science Foundation Graduate Fellowship	2007
NSF REU (Research Experience for Undergraduates) Supplement "An interference study investigating the declarative/procedural model of language." PI: Michael Ullman. Total costs: \$4282. Hartshorne Percent Effort: 100%.	2000-2001

Internal

Gordon W. Allport Memorial Fund "What makes puns funny? Homographic processing in typical and atypical populations." PI: Joshua Hartshorne. Total costs: \$3500.	2009
Mind, Brain and Behavior Initiative Graduate Student Award Travel Grant for AMLaP 2009 PI: Joshua Hartshorne. Total costs: \$1,368.	2009
Travel Grant, Department of Psychology	2009

John B. Knox Bequest “Constraints of the mapping from semantics to syntax: A cross-linguistic investigation.” PI: Joshua Hartshorne. Total costs: \$3500.	2009
Travel Grant, Department of Psychology	2009
Gordon W. Allport Memorial Fund “Pragmatic processing in adult humans: behavioral and neurophysiological measures.” PI: Joshua Hartshorne. Total costs: \$3500.	2008
Elsie Hopestill Stimson Memorial	2007

ADDITIONAL AWARDS AND SCHOLARSHIPS

Dahl Essay Prize in Philosophy	2002
John Frederick Oberlin Scholarship	1998-2002
National Merit Scholar	1998
Kansas Honor Scholar	1998

RESEARCH EXPERIENCE

Cognitive Science / Language

Georgetown University. Research Assistant. Full Time. Supervisor: Michael Ullman, Departments of Neuroscience, Psychology, Linguistics, and Neurology	<i>Summer 2000, Summer 2001, 2002-2003</i>
Georgetown University. Research Assistant. 10 hrs/week during academic year. Supervisor: Michael Ullman, departments of psychology, linguistics, and neurology	<i>2000-2002</i>
Georgetown University. Research Assistant. Supervisor: Guinevere Eden.	<i>January 2000</i>

Cognitive Science / Vision and Attention

Harvard University. Research Assistant. Full Time. Supervisor: Yuhong Jiang, Department of Psychology.	<i>Fall 2006-present</i>
Central Michigan University. Research Assistant. Full Time. Supervisor: John Monahan, Department of Psychology.	<i>Summer 1997</i>

Other Research

Central Michigan University. Research Assistant. 5 hrs/week. Supervisor: Nancy Salem-Hartshorne, Department of Psychology.	<i>Summer 2006</i>
University of Kansas School of Medicine. Research Assistant. 8 hrs/week. Supervisor: S. K. Dey, Department of Molecular and Integrative Physiology.	<i>1997-1998</i>

TEACHING EXPERIENCE

Courses Taught

Introduction to Psycholinguistics, Irkutsk State University of Linguistics / Irkutsk, Russia	2004
Introduction to Neurolinguistics, Irkutsk State University of Linguistics / Irkutsk, Russia	2004
Advanced English Conversation, Russian International Academy of Tourism / Irkutsk, Russia	2003 - 2004
English Conversation / St. Petersburg State University	Spring 2001
Robert Jordan's <i>The Wheel of Time</i> / Experimental College, Oberlin College	Fall 2001
Swing Dancing (beginning and advanced sessions) / Experimental College, Oberlin College	Fall 2000
Swing Dancing / Experimental College, Oberlin College	Spring 2000

Research Courses

Psychology 910r (Supervised Research)	
Kristin Ohanian	Spring 2009
Psych-verb acquisition	
Yelyzaveta Ryabkina	Fall 2008
Pronoun comprehension and implicit causality	
Field Experience Program, Harvard School of Education (field experience supervisor)	
Joanna Blatt	Spring 2009
Psych verbs and the semantics-syntax interface	

Teaching Assistant

Psychology / King Chavez Parks Extended College Day, Central Michigan University	July 10 – 16, 2006
Four-day, 8:00 – 2:00 psychology course for high-achieving inner city students from Detroit and Flint.	

Seminars Organized

Language & Cognition	2007 –
Weekly research workshop and discussion for members of the Harvard Psychology and Linguistics Departments. With Jacopo Romoli and Timothy O'Donnell	
Psych Verbs Research Group	2008 –
Regular meeting (weekly or biweekly) for research assistants and collaborators working on the structure of psych verbs. With Yasutada Sudo and Timothy O'Donnell	
Autism Research Group	2009 –
Regular meeting (weekly) for research assistants and members of SnedLab working language processing in autistic populations. With Rebecca Nappa.	

Research Assistants

Allison Young	Fall 2009 –
Pronoun processing in young children and psych verbs in Mandarin.	
Rebecca Levitan	Fall 2009 –
The role of domain-general social cognition in pragmatics: an individual differences study.	
Chen Chen	Fall 2009 –
ERP testing and psych verbs in Mandarin.	
Miki Uruwashi	Spring 2009 –

Cross-linguistic regularities in argument realization (Japanese)	
Maria Blokh Cross-linguistic regularities in argument realization (Russian)	<i>Spring 2009</i>
Mark Nasef Ragheb (with Manizeh Khan) Top-down effects in pragmatics	<i>Spring 2009</i>
Meera Kanabar Cross-linguistic regularities in argument realization (French, Gujarati) Pronoun resolution and implicit causality	<i>Spring 2009</i>
Stephanie Liem Grammatical Theory of Implicature, ERP	<i>Fall 2008 –</i>
Steve Faulkner Grammatical Theory of Implicature Top-down effects in pragmatics	<i>Fall 2008</i>
Athena Xie Grammatical Theory of Implicature	<i>Summer 2008</i>
Amanda Pogue Psych verbs and the semantics-syntax interface Pronoun resolution and implicit causality	<i>Summer 2008</i>
Meghan Sheridan Individual differences in social cognition Reading time and scalar implicatures	<i>Winter/Spring 2008</i>

LANGUAGES

Modern Languages

Russian – *fluent written and spoken*

Spanish – *advanced written and spoken*

Mandarin Chinese – *intermediate written and spoken*

Japanese – *basic beginning written and spoken*

Classical Languages Studied

Latin

Hebrew

Language Study Programs

Escuela de Idiomas, Nerja / Nerja, Spain / Full Time *Spring 2006*

Mandarin Training Center / Taipei, Taiwan / Full Time *2004-2005*

Irkutsk State University / Irkutsk, Russia / Part Time *Spring 2004*

Center of Russian Language and Culture / St. Petersburg, Russia / Full Time *Summer 2002*

Center of Russian Language and Culture / St. Petersburg, Russia / Full Time *Spring 2001*

Instituto Mexico Americano de Cultura / Guadalajara, Mexico / Full Time *January 1999*

United States Department of Agriculture Graduate School / Part Time *2003*

Elementary Japanese II & Elementary Japanese III