

Dr. Sarah Laszlo, PhD

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Education

University of Illinois at Urbana-Champaign, Urbana, IL
PhD, Psychology
May, 2009

Dissertation Title: Filters, Neighbors, and Triangles: A Behaviorally and Electrophysiologically Informed Perspective on Visual Word Recognition

University of Illinois at Urbana-Champaign, Urbana, IL
MA, Psychology
August, 2006

Thesis Title: Acronyms Reveal the Contribution of Familiarity to Single Word Reading

Massachusetts Institute of Technology, Cambridge, MA
B.S., Brain and Cognitive Science
June, 2004

Research History

The Plaut Lab, Carnegie Mellon University (Dr. David C. Plaut, Director)
Post-Doctoral Fellow: 2009-Present

The Cognition and Brain Laboratory (Dr. Kara D. Federmeier, Director)
Graduate Student, Fellow: 2004-2009

The Productive Aging Laboratory (Dr. Denise C. Park, Director)
Research Assistant: 2005

The Banaji Laboratory for Social Cognition (Dr. Mahzarin Banaji, Director)
Research Assistant: 2004

The Wagner Laboratory for Learning and Memory (Dr. Anthony D. Wagner, Director)
Undergraduate Research Assistant: 2001-2003

Grants

NIH/NICHD 1F32HD062043 - 01A1: Physiologically Constrained Computational Modeling of Visual Word Recognition

Principal Investigator: Sarah Laszlo

Sponsor: David C. Plaut

Starts July 2010

Fellowships

NIMH T32 MH019983, CMU: Combined Computational and Empirical approaches to the study of Cognitive Neuroscience

Director: Lynne M. Reder

2009-Present

NIMH T32 MH09554, UIUC: Cognitive Psychophysiology

Director: Gregory A. Miller

2005-2007

University of Illinois, Urbana-Champaign University Fellowship

2004-2005

Awards

Sarah Mangelsdorf Award for Outstanding Female Graduate Student

May, 2009

Finalist: Psychology Department Graduate Instructor Award

2008-2009 competition

The incomplete list of teachers ranked as excellent by their students, with distinction for an "Outstanding" rating

For Fall 2008: Senior Honors Seminar in Psychology

Hans Lukas Teuber Award for Excellence in Academics in Brain and Cognitive Sciences by a senior at MIT

May 2004

MIT Brain and Cognitive Sciences Award for excellent academic record

May 2003

Professional and Academic Societies

Cognitive Science Society

2010- Present

Women in Cognitive Science
2008-Present

The Society for Psychophysiological Research
2006-Present

The Cognitive Neuroscience Society
2006-Present

Phi Beta Kappa, Xi Chapter of Massachusetts (MIT)
Inducted June, 2004

Sigma Xi, Associate Member
Inducted May, 2004

Publications

Federmeier, K.D. & **Laszlo, S.** (2009). Time for meaning: Electrophysiology provides insights into the dynamics of representation and processing in semantic memory. *Psychology of Learning and Memory* (B. Ross, Ed.), Vol. 51, (pp 1-44). Burlington: Academic Press.

Laszlo, S., & Federmeier, K.D. (2009). A Beautiful Day in the Neighborhood: An Event-Related Potential study of lexical relationships in sentence context. *Journal of Memory and Language*, 61, 326-338.

Laszlo, S. & Federmeier, K.D. (2008). Minding the PS, queues, and PXQs: Uniformity of semantic processing across multiple stimulus types. *Psychophysiology*, 45, 458-466.

Laszlo, S. & Federmeier, K.D. (2007). The Acronym Superiority Effect. *Psychonomic Bulletin and Review*, 14(6), 1158-1163.

Laszlo, S. & Federmeier, K.D. (2007). Better the DVL you know: Acronyms reveal the contribution of familiarity to single word reading. *Psychological Science*, 18(2), 122-127.

Posters and Conference Presentations

Laszlo, S., Armstrong, B. C., MacInnes, W. J., Plaut, D. C., & Federmeier, K. D. (2010). When dog is more wolf than bone: Computational and electrophysiological evidence for featural organization of semantic memory. *Proceedings of the 31st Annual Conference of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Laszlo, S., Anaya, P., & Federmeier, K.D. (2009). Interacting effects of lexical variables on language-sensitive ERPs at the single-item level. *Psychophysiology*, 46, Supplement 1, S109.

Gratton, C.G., **Laszlo, S.**, & Federmeier, K.D. (2008). In whole or in part? An ERP analysis of Global / Local Processing Asymmetries with Naturalistic Objects. *Psychophysiology*, 45, Supplement 1, S70.

Laszlo, S. & Federmeier, K.D. (2008). All for one and one for all: Homogeneity of semantic access for all written inputs. *Journal of Cognitive Neuroscience*, Supplement 1, 252.

Federmeier, K.D. & **Laszlo, S.** (2007). Deriving Meaning from ERPs... And Other Acronyms. *Psychophysiology*, 44, Supplement 1, S6.

Laszlo, S. & Federmeier, K.D. (2007). How I learned to stop worrying and love the VCR: N400 processing of illegal strings in sentence context. *Psychophysiology*, 44, Supplement 1, S62.

Laszlo, S. and Federmeier, K. D. (2006). Acronyms reveal the effects of familiarity and regularity on the N400 ERP component. *Psychophysiology*, 43, Supplement 1, S57.

Goh, J.O., Jenkins, L., Hebrank, A., **Laszlo, S.**, & Park, D.C. (2006). Neural correlates of categorical and coordinate spatial processing. *Journal of Neuroscience*, 26, Supplement 1.

Park, D.C., Hebrank, A., Jenkins, L., **Laszlo, S.**, Khanna, M., & Polk, T. (2006). Neural activation patterns in frontal, parietal, and ventral visual cortices predict cognitive behavior in old and young. *Journal of Neuroscience*, 26, Supplement 1.

Laszlo, S. & Federmeier, K. D. (2006). Breaking the 'rules': Acronyms reveal mechanisms of reading. *Journal of Cognitive Neuroscience*, Supplement 1, 219.

Jenkins, L., Hebrank, A., **Laszlo, S.**, Polk, T., & Park, D.C. (2006). Age differences in neural activation patterns in frontal, parietal, and ventral visual cortex. *Journal of Cognitive Neuroscience*, Supplement 1, 206.

Invited Addresses

Laszlo, S. & Federmeier, K.D. The unstoppable juggernaut: Electrophysiology reveals the obligatory nature of semantic access
Society of Psychophysiological Research Annual Meeting
October, 2009

Laszlo, S. & Federmeier, K.D. A Beautiful Day in the Neighborhood: An ERP study of lexical relationships and sentential constraint
Society for Psychophysiological Research Annual Meeting
October, 2008

Laszlo, S. The unstoppable juggernaut: Electrophysiology reveals the obligatory nature of semantic access
Beckman Institute Graduate Student Seminar
February 2008

Laszlo, S. Neural predictors of cognitive function in aging
Beartooth Neurology Conference on Functional Magnetic Resonance Imaging
December 2006

Teaching Experience

- 2007-2009 Co-Instructor, UIUC Psychology 498, "Senior Honors Seminar"
- 2007-2009 Co-Instructor, UIUC Psychology 398, "Junior Honors Seminar"
- Fall, 2006 Teaching Assistant, UIUC Psychology 593, "Methods in Cognitive Neuroscience"

Mentoring, Undergraduate Students

Supervision of Undergraduate Honors Theses

2009 Liz Babcock, "Mothers' Theories of Children's Ability: The Emotional Consequences for Children"
Tritsch Award Winner

Kim Farbota, "Stress and Methamphetamine: How Glucocorticoid Antagonism Affects Sensitization"

John Gaspar, "Effects of action video game playing on driving performance under single and dual task conditions"

Jessica Shaw, "Examining the Effects of Genistein on Sexual Dimorphisms"

2008 Caterina Gratton, "In whole or in part? An ERP analysis of global/local processing asymmetries with naturalistic objects"

Azim Kahn, "Adult Neurogenesis and Memory"

Ji Hae Lee, "Criterion Variability in Recognition Memory Judgments"

Jenna Meints, "The psychology of individual tax evasion: An exploration of personality and social cognition"

Steffen Olsen, "Psychological Needs and Emotions"

J. Oliver Siy, "Just my Luck! The Effects of Superstition on Decision Making for Bicultural Individuals"

Service

Society for Psychological Research Tursky Award Committee
2010 Competition

Beckman Institute for Advanced Science and Technology 20th Anniversary Planning
Committee
Student Member, 2008-2009

Ad hoc reviewer: Psychophysiology, Brain and Language