

Education

- 2009 PhD in Developmental Psychology
University of Wisconsin, Madison
- 2004 M.S. in Developmental Psychology
University of Wisconsin, Madison
- 2001 B.S. in Cognitive Science
Carnegie Mellon University

External Grant Funding

- 2006-2009 F31 Individual Predoctoral NRSA Fellowship
“When Cues Converge: Multiple Regularities in Language Acquisition”
Funded by NIH - National Institute of Deafness and Communicative Disorders

Awards

- 2008 Future Faculty Partner – In recognition of accomplishments and contributions to teaching and learning.
University of Wisconsin, Teaching Academy
- 2008 Hertz Foundation Collaborative Research Award
University of Wisconsin, Psychology Dept.
- 2008 Hertz Foundation Travel Award
University of Wisconsin, Psychology Dept.
- 2007 Paula Menyuk Travel Award
Boston University Conference on Language Development
- 2007 Travel Award
Cognitive Development Society
- 2007 Vilas Travel Grant
University of Wisconsin, Graduate School
- 2001 Best Psychology Poster at Meeting of the Minds,
Undergraduate Research Symposium
Carnegie Mellon University, Psychology Dept.
- 2001 Small Undergraduate Research Grant
Carnegie Mellon University
- Spring 2001 Deans List
Carnegie Mellon University

- Fall 2000 Deans List with High Honors
Carnegie Mellon University
- 1997-2001 Academic Presidential Scholarship
Carnegie Mellon University

Research Experience

- 2004-2006 Research Assistant
Infant Learning Lab
Director: Jenny Saffran, PhD
University of Wisconsin, Madison
Madison, WI
- 2003-2006 Research Assistant
Language and Cognitive Neuroscience Lab
Directors: Maryellen MacDonald, PhD
& Mark Seidenberg, PhD
University of Wisconsin, Madison
Madison, WI
- 2001-2003 Research Associate
Psychosis Research Group
Director: Matheri S. Keshavan, MD
Western Psychiatric Institute and Clinic
Pittsburgh, PA
- 2001 Undergraduate Research Assistant
Infant Cognition Lab
Director: David Rakison, PhD
Carnegie Mellon University
Pittsburgh, PA
- 2000 Summer Research Assistant
Cognitive Development Center
Director: Yuko Munakata, PhD
Denver University
Denver, CO
- 1999 Undergraduate Research Assistant
Memory Lab
Director: Lynne Reder, PhD
Carnegie Mellon University
Pittsburgh, PA

Teaching Experience

- Spring, 2008 Lecturer, Language Development –
Typical & Atypical Pathways
Dept. of Psychology, University of Wisconsin

- Fall, 2007 Reader/Grader for Developmental Psychology
Dept. of Psychology, University of Wisconsin
- Fall, 2006 Teaching Assistant for Introduction to Statistics
Dept. of Psychology, University of Wisconsin
- Spring, 2005 Teaching Assistant for Cognitive Psychology
Dept. of Psychology, University of Wisconsin
- Summer, 1999 Teaching Assistant for Fundamentals of Computer
Programming
Dept. of Computer Science, Carnegie Mellon University

Teacher Training

- May-June, 2007 Teacher Training Course: The College Classroom
DELTA Teaching & Learning Program, Univ. of Wisconsin
- April, 2007 Teaching Institute at Society for Research on Child
Development.

Students Mentored

- Fall 2006 – Spring 2007 Diana Dovorany
- Fall 2005 – Spring 2006 Catherine Moore
- Fall 2004 – Spring 2005 Allison Dahlke

Professional Service

- Fall 2007: Facilitated Waisman Center Research Ethics Seminar
on Informed Consent
- Ad-hoc reviewer for: *Cognitive Science*
Infant and Child Development

Publications

Sahni, S.D., Seidenberg, M.S., and Saffran, J.R. (submitted). Connecting cues: Overlapping regularities support cue discovery in infancy. *Child Development*.

Saffran, J. R., & Sahni, S.D. (in press). Learning the sounds of language. In M. Joanisse, M. Spivey, and K. McCrae (Eds.), *Cambridge Handbook of Psycholinguistics*, Cambridge University Press.

Prasad, K.M.R., Sahni, S.D., Rohm, B.R., and Keshavan, M.S. (2005) Dorsolateral prefrontal cortex morphology and short-term outcome in first-episode schizophrenia. *Psychiatry Research: Neuroimaging* 140(2), 147–155.

Stedron, J. M., Sahni, S. D., and Munakata, Y. (2005). Common mechanism for working memory and attention: The case of perseveration with visible solutions. *Journal of Cognitive Neuroscience*, 17(4), 623-631.

Rajarethinam R.P., Sahni S., Rosenberg D.R., Keshavan M.S. (2004). Reduction of superior temporal gyrus volume in young offspring of patients with schizophrenia. *American Journal of Psychiatry*, 161, 1121–1124.

Gilbert A.R., Montrose D.M., Sahni S.D., Diwadkar V.A., Keshavan M.S. (2003) Obstetric complications correlate with neurobehavioral and brain structural alterations in young relatives at risk for schizophrenia. *Annals of New York Academy of Science*, 1008, 269–275.

Munakata, Y., Sahni, S.D., & Yerys, B.E. (2001). An embodied theory in search of a body: Challenges for a dynamic systems model of infant perseveration. *Brain and Behavioral Sciences*, 24, 56–57.

Conference Talks

Sahni, S.D., Saffran, J.R., Seidenberg, M.S. (2007). Connecting Cues in Word Segmentation. *Boston University Conference on Language Development*

Chaired Symposia

Sahni, S.D. (2007) Computational Approaches to Language Acquisition: Connectionist, Dynamical Systems and Bayesian Perspectives. Speakers: Eliana Colunga, Amy Perfors & Josh Tenenbaum, Larissa Samuelson & John Spencer. *Biennial meeting of the Cognitive Development Society*.

Conference Poster Presentations

Sahni, S.D. & Rogers, T.T. (2008). Sound versus meaning: What matters most in early word learning? *IEEE 7th International Conference on Development and Learning*.

Sahni, S.D. & Rogers, T.T. (2008). Sound versus meaning: What matters most in early word learning? *Annual Meeting of the Cognitive Science Society*.

Sahni, S.D. & Rogers, T.T. (2008). Sound versus meaning: What matters most in early word learning? *Symposium on Research in Child Language Disorders*

Lacerda, A.L.T., Hardan, A.Y., Yorbik, O., Sahni, S.D., Prasad, K., Keshavan, M.S. (2003). Orbitofrontal Cortex In First-Episode Schizophrenia: An MRI Study. *Society of Biological Psychiatry*.

Prasad, K.M.R., Patel A.R., Sahni, S.D., Muddasani S.R., Keshavan M.S. (2003). Entorhinal Cortex, delusions and schizophrenia. *International Conference on Schizophrenia Research*.

Prasad K.M.R., Sahni S.D., Keshavan M.S. (2003). DLPFC volume & short-term social outcome in First-Episode Psychoses. *Society of Biological Psychiatry*.

Sahni, S.D., Diwadkar, V.A., Hardan, A.Y., Keshavan, M.S. (2003). Gender Differences in Schizophrenia: A Voxel-Based Morphometric Study. *Society of Biological Psychiatry*.

Stanley, J.A., Sahni, S.D., Montrose, D.M., Sweeney, J.A., Pettegrew, J.W., Keshavan, M.S. (2003). Age and Comorbidity Effects in First-Episode Never-Medicating Schizophrenia Subjects: An In Vivo 1H Spectroscopy Study. *Society of Biological Psychiatry*.

Diwadkar, V. A., Sahni, S. D., Prasad, K. M. R., Hoffman, K. L., Hardan, A.Y., DeBellis, M. D., Sweeney, J.A., Keshavan, M. S. (2002). Gray matter microstructure in psychotic patients with and without delusions. *International Society for Magnetic Resonance in Medicine*.

Gilbert, A.R., Sahni, S., Harenski, K., Montrose, D.M., Diwadkar, V., Keshavan, M.S. (2002). Thalamic volumes in young offspring at risk for schizophrenia. *Society of Biological Psychiatry*.

Prasad K.M.R., Diwadkar V.A., Hoffman K.L., Sahni S.D., Keshavan M.S. (2002) Neuroanatomy of delusions; A VBM Approach. *Academy College of Neuro Psychopharmacology*.

Prasad K.M.R., Diwadkar V.A., Hoffman K.L., Sahni S.D., Keshavan M.S. (2002). White Matter Integrity in Schizophrenia: A VBM Approach. *American Psychiatric Association*.

Prasad, K.M.R., Sahni, S.D., Mankowski, I., Patel, A.R., Muddasani, S., Diwadkar, V.R., Keshavan, M.S. (2002). Reduced DLPFC volume predicts short term social outcome in first episode psychoses. *Society of Biological Psychiatry*.

Sahni S.D., Mankowski I., Patel A.R., Muddasani S., Diwadkar V.R., Keshavan M.S.(2002). Insight and the prefrontal cortex in psychotic disorders. *Society of Biological Psychiatry*.

Invited Talks

Seidenberg, M.S, Thiessen, E.D., and Sahni, S.D. (February, 2005). Understanding Infants' Acquisition of Phonemic Contrasts. Roundtable discussion led at the Interdisciplinary Behavior Science Center, Pittsburgh, PA, February, 2005.

Affiliations

Cognitive Science Society