

Curriculum Vitae

## Kartik K. Sreenivasan

3401 Walnut Street, Suite 302C, Philadelphia, PA 19104  
Phone: 215.898.8011 • Email: kks@mail.med.upenn.edu

---

### Education

- 2004 – 2009      Ph.D., University of Pennsylvania (Neuroscience). Advisor: Dr. Amishi P. Jha.  
Thesis: *The neural correlates of selection in perception and memory*
- 2000 – 2004      B.A., Magna cum Laude, Yale University (Psychology) with Honors

### Publications

- Sreenivasan KK, Goldstein JM, Lustig AG, Rivas LR, and Jha AP (2009). Attention to faces modulates early face processing during low but not high face discriminability. *Attention, Perception, and Psychophysics*, 71(4), 837-846.
- Sreenivasan KK, Katz J, and Jha AP (2007). Temporal characteristics of top-down modulations during working memory maintenance: An ERP study of the N170 component. *Journal of Cognitive Neuroscience*, 19(11), 1836-1844.
- Sreenivasan KK and Jha AP (2007). Selective attention supports working memory maintenance by modulating perceptual processing of distractors. *Journal of Cognitive Neuroscience*, 19(1), 32-41.

### Working Papers

- Sreenivasan KK, Sambhara D, and Jha AP. Similarity reveals the specificity of perceptual coding for memory representations. *In preparation*.
- Mehta AJ, Sreenivasan KK, Rosen ZB, Baime MJ, Ramsay JR, Rostain A, and Jha AP. The adult ADHD continuum as indexed by neural correlates of executive functioning. *In preparation*.
- Kiyonaga A, Sreenivasan KK, and Jha AP. "Control adaptation" revealed by subsequent trial effects in a working memory task. *In preparation*.
- Jha AP, Baniqued PB, Wong LM, and Sreenivasan KK. Neural correlates of conflict adaptation during working memory. *In preparation*.

### Book Chapters

- Jha AP, Baime MJ, and Sreenivasan KK (in press). Attention and Mindfulness Training. In: Ingram, RE (Ed.) *The International Encyclopedia of Depression*.

### Conference Presentations

- Jha AP, Baniqued P, Sreenivasan KK, and Wong LM (March 2009). Examining the neural effects of conflict adaptation during working memory. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Sreenivasan KK, and Jha AP (November 2008). Positive emotional "distraction" protects against cognitive interference in working memory. Poster presented at the Annual Meeting of the Society for Neuroscience, Washington, DC.

Rosen ZB, Baime MJ, Ramsay JR, Rostain A, Sreenivasan KK, and Jha AP (November 2008). Mindfulness training improves working memory performance in adults with ADHD. Poster presented at the Annual Meeting of the Society for Neuroscience, Washington, DC.

Sreenivasan KK, Sambhara D, and Jha AP (April 2008). The top-down influence of memory representations on face processing. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Sreenivasan KK, Lustig AG, and Jha AP (November 2007). Attention to Faces Modulates Feedforward Perceptual Processing under Conditions of High Perceptual Load. Talk presented at the Annual Meeting of the Society for Neuroscience, San Diego, CA.

Sreenivasan KK, Rosen ZB, Spiegel D, van Vugt MK, and Jha AP (May 2007). EEG oscillations during working memory maintenance vary with eventual task performance. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, NY.

Lustig AG, Sreenivasan KK, and Jha AP (April 2006). Examination of the N170 to delay-spanning noise masks during face working memory: An ERP study. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Sreenivasan KK, and Jha AP (April 2006). Attentional modulations during working memory predict behavioral task performance. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Sreenivasan KK, Krompinger J, Tsai I, Katz J, and Jha AP (April 2005). Attentional modulations during nonspatial working memory: An ERP study of the N170 component. Talk presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, NY.

### **Invited Talks**

Hurtful words: The impact of affective verbal distractors on nonverbal working memory interference resolution. (October 2008). University of Pennsylvania Behavioral and Cognitive Neuroscience Retreat, Philadelphia, PA

Negotiating relevant and irrelevant information during working memory. (May 2008). University of Pennsylvania Systems and Integrative Biology Training Grant Retreat, Philadelphia, PA

Attentional modulations during nonspatial working memory: An ERP study of the N170 component. (May 2005). Penn-Princeton Graduate Student Symposium, Princeton, NJ

### **Awards & Fellowships**

Trainee, Behavioral and Cognitive Neuroscience Training Grant (2008 – 2009)

Graduate Students Present Award, Cognitive Neuroscience Society Annual Meeting, New York, NY (2005)

Trainee, Systems and Integrative Biology Training Grant (2004 – 2006)

### **Professional Activities**

*Member:* Cognitive Neuroscience Society • Society of Neuroscience

*Ad Hoc Reviewer:* Cerebral Cortex • Journal of Cognitive Neuroscience • NeuroImage

### **Teaching Experience**

2009      Attention & Memory: Guest lectures on working memory and long-term memory.  
Course director: Amishi Jha

2008      Introduction to Brain & Behavior: Teaching assistant. Course director: Lori  
Flanagan-Cato.

### **Mentoring Experience**

2008-2009      Anish Mehta (University of Pennsylvania '10)  
“ERP measures of executive function in adult ADHD”

2008      Katrina Fincher (University of Pennsylvania '08)  
“The attentional cost of self-focus”

2007-2008      Deepak Sambhara (University of Pennsylvania '08)  
“Neurophysiologic evidence for an attentional gradient surrounding the  
attended item in a non-spatial attention and memory paradigm”

2006-2007      Jonathan Goldstein (University of Pennsylvania '07)  
“Attentional tuning during endogenous spatial attention”

2006      Danielle Spiegel (University of Pennsylvania '06)  
“The role of attentional modulations in successful working memory  
maintenance”

2005      Jennifer Katz (University of Pennsylvania '05)  
“The neural basis of maintenance in face working memory”