



National Science Foundation Graduate Research Fellowship (2005-2008)  
Summer Institute in Cognitive Neuroscience Fellowship (2009)  
Elsevier/Vision Research Travel Award, Vision Science Society (2007)  
Graduate Student Assembly Conference Travel Award, Yale University (2006)  
Joseph M. Linsey Fellowship for Graduate Study, Brandeis University Athletics Dept (2004)

### **Fellowships and Awards (Undergraduate)**

National Institutes of Health Intramural Summer Research Fellowship (2003)  
National Science Foundation IGERT Summer Fellowship in Neuroscience (2002)  
National Merit Scholar (2000-2004)  
Justice Brandeis Scholar, Brandeis University (2000-2004)  
Gilman Scholar, Institute for International Education (2003)  
Sachar Scholar, Brandeis University (2003)  
Reis and Sowul Family Prize for top student in Neuroscience, Brandeis University (2004)  
Richard Kaufman '58 Memorial Prize for Leadership and Academic Excellence, Brandeis University (2004)  
Academic All-American Soccer Team, CoSIDA (2003)  
Phi Beta Kappa

### **Teaching Appointments**

Brain and Thought (Teaching Fellow, Fall 2006)  
Neuroanatomy (Teaching Fellow, Spring 2007)

### **Mentoring Experience**

Jenika Beck (2006-2008; Senior Thesis Project: Depression & Visual Perception)  
Vina Pulido (2007-2008; undergraduate research assistant)  
Alyssa Nguyen-Phuc (2008-2009; undergraduate research assistant)  
Alexandria Marino (2008-2009; MD/PhD rotation student)

### **Publications**

Golomb, J.D., Beck, J.R., Ruf, B.M., Chen, J.I., Saricicek, A., Maloney, K.H., Hu, J., Chun, M.M., and Bhagwagar, Z. (2009). Enhanced visual motion perception in Major Depressive Disorder. *Journal of Neuroscience*. 29(28), 9072-77.

Golomb, J.D., Chun, M.M., and Mazer, J.A. (2008). The native coordinate system of spatial attention is retinotopic. *Journal of Neuroscience*. 28(42):10654 –10662

Golomb, J.D., Peelle, J.E., Addis, K., Kahana, M.J., and Wingfield, A. (2008). Effects of adult aging on utilization of temporal and semantic associations during free and serial recall. *Memory and Cognition*. 36(5), 947-56,

Golomb, J.D., Peelle, J.E., and Wingfield, A. (2007). Effects of stimulus variability and adult aging on adaptation to time-compressed speech. *Journal of the Acoustical Society of America*. 123(3), 1701-8.

Sekuler, R., Kahana, M.J., McLaughlin, C., Golomb, J., and Wingfield, A. (2005). Preservation of episodic visual recognition memory in aging. *Experimental Aging Research*. 31(1), 1-13.

## **Manuscripts**

Golomb, J.D., Pulido, V.Z., Albrecht, A.R., Chun, M.M., and Mazer, J.A. (submitted).  
Robustness of the retinotopic attentional trace after eye movements.

Golomb, J.D., Mazer, J.A., Nguyen-Phuc, A.Y., McCarthy, G., and Chun, M.M. (submitted).  
Attentional facilitation throughout human visual cortex lingers in retinotopic coordinates after eye movements.

## **Conference Presentations**

Golomb, J.D., Mazer, J.A., Nguyen-Phuc, A.Y., McCarthy, G., and Chun, M.M. (October 2009).  
The retinotopic attentional trace: converging fMRI and ERP evidence. Talk presented at Annual Meeting of the Society for Neuroscience, Chicago, IL.

Golomb, J., Mazer, J., and Chun, M. (May 2009). Attentional updating across saccades in retinotopic visual cortex. Talk presented at Annual Meeting of the Vision Sciences Society, Naples, FL.

Marino, A., Golomb, J., Chun, M., and Mazer, J. (May 2009). Spatiotemporal dynamics of attentional updating across saccades. Poster presented at Annual Meeting of the Vision Sciences Society, Naples, FL.

Golomb, J.D., Pulido, V.Z., Chun, M.M., and Mazer, J.A. (November 2008). The native coordinate system of spatial attention is retinotopic. Talk presented at Annual Meeting of the Society for Neuroscience, Washington, DC.

Marfeo, A., Yu, L., Gordon, A., Agarwal, R., Ellens, D.J., Golomb, J.D., Shamy, M., Levin, A.R., Davis, K., McNally, K.A., Vives, K., Spencer, D.D., Spencer, S.S., Schevon, C., Zaveri, H.P., Blumenfeld, H. (November 2008). Quantitative analysis of intracranial EEG changes associated with impaired consciousness in temporal lobe seizures. Poster presented at Annual Meeting of the Society for Neuroscience, Washington, DC.

Ruf, B., Golomb, J., Beck, J., Saricicek, A., Hu, J., Chun, M., Bhagwagar, Z. (May 2008). Functional Consequences of Occipital GABAergic Deficits in MDD. Poster presented at Annual Meeting of the Society of Biological Psychiatry, Washington, DC.

Golomb, J., Ruf, B., Beck, J., Saricicek, A., Hu, J., Chun, M., and Bhagwagar, Z. (May 2008). Diminished center-surround inhibition in patients with a history of depression. Poster presented at Annual Meeting of the Vision Sciences Society, Naples, FL.

Golomb, J.D., Chun, M.M., and Mazer, J.A. (November 2007). Spatial attention remains in retinotopic coordinates immediately following saccades. Talk presented at Annual Meeting of the Society for Neuroscience, San Diego, CA.

Golomb, J.D., Chun, M.M., and Mazer, J.A. (May 2007). Spatial attention remains in retinotopic coordinates following saccades. Talk presented at Annual Meeting of the Vision Sciences Society, Sarasota, FL

Golomb, J.D., Park, S.J., and Chun, M.M (Oct. 2006). Type of working memory load matters: Top-down influences on the attentional control of perceptual processing. Talk presented at Annual Meeting of the Society for Neuroscience, Atlanta, GA.

Golomb, J.D., Park, S.J., and Chun, M.M (May 2006). Working memory load can impair neural processing of unattended information. Poster presented at Annual Meeting of the Vision Sciences Society, Sarasota, FL.

Golomb, J.D., Shamy, M., Levin, A.R., Davis, K., McNally, K., Vives, K., Spencer, D.D., Spencer, S.S., Zaveri, H., and Blumenfeld, H. (Dec. 2005). Neocortical slowing during temporal lobe seizures demonstrated by quantitative analysis of intracranial EEG. Poster presented at Annual Meeting of the American Epilepsy Society, Washington, DC.

Golomb, J.D., Shamy, M., Levin, A.R., Davis, K., McNally, K., Vives, K., Spencer, D.D., Spencer, S.S., Zaveri, H., and Blumenfeld, H. (Nov. 2005). Quantitative analysis of intracranial EEG patterns: Evidence for neocortical slowing in temporal lobe seizures. Poster presented at Annual Meeting of the Society for Neuroscience, Washington, DC.

Peelle, J.E., Golomb, J.D., Addis, K., Kahana, M.J., and Wingfield, A. (Nov. 2004). Episodic word list recall in normal aging. Poster presented at Annual Meeting of the Psychonomic Society, Minneapolis, MN.

Peelle, J.E., Golomb, J.D., and Wingfield, A. (Oct. 2004). Effects of stimulus variability on perceptual learning in older adults: Behavioral evidence from time-compressed speech comprehension. Poster presented at Annual Meeting of the Society for Neuroscience, San Diego, CA.

### **Invited Talks**

Attentional updating across saccades in retinotopic visual cortex. (April 2009). Magnetic Resonance Research Center fMRI Seminar Series: Yale University, New Haven, CT.

Enhanced visual motion perception in Major Depressive Disorder. (March 2009). Basic Sciences Training Program Neuroscience Seminar Series: Department of Psychiatry, Yale University, New Haven, CT.

Coordinate systems of spatial attention. (October 2008). Massachusetts Institute of Technology, Cambridge, MA.

Spatial attention remains in retinotopic coordinates immediately following saccadic eye movements. (October 2007). International Conference of Cognition, Consciousness, and Culture: Yonsei University, Seoul, South Korea.

Spatial attention remains in retinotopic coordinates immediately following saccadic eye movements. (October 2007). Kyoto University, Kyoto, Japan.

Spatial attention remains in retinotopic coordinates immediately following saccadic eye movements. (July 2007). Vision Seminar: Johns Hopkins University, Baltimore, MD.

### **Seminar Presentations**

Spatial attention lingers in retinotopic coordinates after eye movements: converging evidence from psychophysics, fMRI, and ERP. (October 2009). Cognitive Lunch Seminar Series: MIT, Cambridge, MA.

Attentional topography and eye movements. (May 2009). Thesis Defense: Yale University, New Haven, CT.

Enhanced visual motion processing in Major Depressive Disorder. (December 2008). Interdepartmental Neuroscience Program Student Research Talk: Yale University, New Haven, CT.

Effects of eye movements on visual attention. (April 2008). Current Works in Cognition Seminar Series: Department of Psychology, Yale University, New Haven, CT.

Spatial attention remains in retinotopic coordinates immediately following saccades. (November 2007). Interdepartmental Neuroscience Program Student Research Talk: Yale University, New Haven, CT.

Spatial attention remains in retinotopic coordinates following saccades. (May 2007). Interdepartmental Neuroscience Program Student Research Talk: Yale University, New Haven, CT.

Type of working memory load matters! Top-down influences on the neural processing of unattended information. (May 2006). Interdepartmental Neuroscience Program Student Research Talk: Yale University, New Haven, CT.

What the brain “sees” when you don’t: Prefrontal influences on neural processing of unattended scenes. (June 2005). Interdepartmental Neuroscience Program Student Research Talk: Yale University, New Haven, CT.

The effects of aging on human memory and learning. (May 2004). Thesis Defense: Brandeis University, Waltham, MA.

Effects of stimulus variability on adaptation to time-compressed speech. (December 2003). Advanced Topics in Episodic Memory Seminar: Brandeis University, Waltham, MA.

Effects of adult aging on duration of visual memory. (August 2002). IGERT Research Symposium: Brandeis University, Waltham, MA.