

Curriculum Vitae
Scott D. Slotnick
Department of Psychology
Boston College

Education and Employment

2005– Boston College, Psychology Department, Assistant Professor
2006– Martinos Center for Biomedical Imaging, MGH, Affiliated Faculty
2002–2005 Harvard University, Psychology Department, Postdoctoral Fellow
1999–2002 Johns Hopkins University, Psychology Department, Postdoctoral Fellow
1998 UC Berkeley, Vision Science Department, Ph.D.
1996 UC Berkeley, Vision Science Department, M.S.
1994 General Motors Headquarters, Engineer
1994 Kettering University, Mechanical Engineering, B.S.
1994 Kettering University, Electrical Engineering, B.S.

Memberships

Psychonomic Society
Association for Psychological Science
Cognitive Neuroscience Society
Society for Neuroscience

Teaching

2008 “Cognitive psychology”, Instructor, Boston College, Psychology Department
2006–2008 “Cognitive neuroscience: Exploring mind and brain”, Instructor, Boston College, Psychology Department
2006–2008 “Methods in human brain mapping”, Instructor, Boston College, Psychology Department
2006–2008 “Cognitive neuroscience of perception and memory”, Guest Lecturer in “Neuroscience II”, Boston College, Psychology Department
2007 “Controversies in cognitive neuroscience”, Instructor, Boston College, Psychology Department
2007 “Memory and Amnesia”, Guest Lecturer in “Cognitive Neuropsychology”, Harvard University, Psychology Department
2003–2005 “Neurophysiology of primate visual attention and memory”, Instructor, Harvard University, Biology Department
2001 “The Physics of fMRI”, Guest Lecturer in “Seminar in functional neuroimaging”, Johns Hopkins University, Psychology Department
1995–1998 “Introductory biology”, Graduate Student Instructor, UC Berkeley, Molecular and Cell Biology Department
1995–1996 “Medical physiology and biochemistry”, Graduate Student Instructor, UC Berkeley, Vision Science Department
1994 “Retinal and central pathways and functions”, “Normal and abnormal visual development”, and “Behavioral aspects of visual functions”, Teaching Assistant, UC Berkeley, Vision Science Department

University Service (Boston College)

2008–2009 Goals Committee (Planning for an Internal Review), Chair, Psychology Department

- 2008–2009 Human Subject Pool Committee, Chair, Psychology Department
2008–2009 Behavioral Neuroscience Search Committee, Psychology Department
2008–2009 Doctoral Thesis Committees, Psychology Department (Alan Scott, Cécile Morvan)
2005–2009 Graduate Program Committee, Psychology Department
2007–2008 Goals Committee (10 Yr. Plan), Chair, Psychology Department
2007–2008 Master’s Thesis Committees, Psychology Department (Jennifer Mize, Maria Gendron, Jill Waring, Katherine Mickley)
2007–2008 Quantitative Search Committee, Psychology Department
2007–2008 Undergraduate Program Committee, Psychology Department
2006–2008 Guest Lecturer, Psychology Department, Professional Development Graduate Student Workshops
2005–2008 Colloquium Committee, Psychology Department
2006–2007 Behavioral Neuroscience Search Committee, Psychology Department
2006 University Committee to Develop Boston College Center for Neuroscience
2006 University Committee to Select the Boston College Information Technology Director of Research and Faculty Liason
2005–2006 Graduate Statistics Requirements Committee, Psychology Department
2005 Co–author of Proposal for a Boston College Center for Vision Research
2005 Co–author of Initiative for a Boston College Center for Neuroscience

Professional Service

Manuscript Reviewer

Cerebral Cortex
Cognitive Brain Research
Cognitive Neuropsychology
Clinical Neurophysiology
Current Biology
Human Brain Mapping
Journal of Cognitive Neuroscience
Journal of Experimental Psychology: Learning, Memory, & Cognition
Journal of Experimental Psychology: General
Journal of Neuroscience
Journal of Vision
Memory
Memory & Cognition
NeuroImage
Neuropsychologia
NeuroReport
Neuroscience Letters
Psychonomic Bulletin & Review
Psychological Review
Psychological Science
Trends in Cognitive Sciences

Grant Reviewer

- 2008 NSF Division of Brain and Cognitive Sciences (Cognitive Neuroscience Program)
2006 NSF Division of Brain and Cognitive Sciences (Cognitive Neuroscience Program)
2005 Canadian Institutes of Health Research

- 2005 Michael Smith Foundation for Health Research
2004 NSF Division of Brain and Cognitive Sciences (Perception, Action & Cognition Program)

Conference Chair

- 2007 Psychonomic Society Session “Models of Recognition Processes”
2005 Society for Neuroscience Session “Perception and Imagery V”

Grants

- NSF Division of Brain and Cognitive Sciences (Cognitive Neuroscience Program) Grant
“The neural mechanisms of memory for object shape and motion: Integrating evidence from fMRI, ERPs, and TMS”, P.I., Boston College, 5/1/08–4/30/11, \$321,431.
NIH Training Grant in Perceptual and Cognitive Neuroscience, 2000–2002
UC Berkeley Vice Chancellor’s Research Fellowship, 1998
University of California Regents Fellowship, 1996
NEI Training Grant in Vision Science, 1994–1997

Students

Graduate Students

- 2007– Kyle Tierney
2006– Preston Thakral

Undergraduate Students

- 2008– Sara Lakdawala
2007– Chelsea Jacobs
2007–2008 James Kang
2006–2007 Julie Grimes

Postdoctoral Fellow

- 2006–2007 Robert Ross

Publications

- Slotnick, S. D. (submitted). Rapid retinotopic reactivation during spatial memory.
- Slotnick, S. D. (submitted). No trace of recollection in high source memory strength ROCs/zROCs.
- Thakral, P. P., & Slotnick, S. D. (submitted). The role of parietal cortex during sustained visual spatial attention.
- Thakral, P. P., & Slotnick, S. D. (submitted). Attentional inhibition mediates inattention blindness.
- Thompson, W. L., Slotnick, S. D., Burrage, M. S., & Kosslyn, S. M. (submitted). Two forms of spatial imagery: Neuroimaging evidence.
- Moo, L. R., Emerton, B. C., & Slotnick, S. D. (in press). Functional MT+ lesion impairs contralateral motion processing. *Cognitive Neuropsychology*.

Ross, R. S., & Slotnick, S. D. (2008). The hippocampus is preferentially associated with memory for spatial context. *The Journal of Cognitive Neuroscience*, *20*, 432–446.

Slotnick, S. D. (2008). Imagery: Mental pictures disrupt perceptual rivalry. *Current Biology*, *18*, R603-605.

Dodson, C. S., Bawa, S., & Slotnick, S. D. (2007). Aging, source memory, and misrecollection. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *33*, 169–181.

Slotnick, S. D., & Schacter, D. L. (2007). The cognitive neuroscience of memory and consciousness. In P.D. Zelazo, M. Moscovitch, & E. Thompson (Eds.), *Cambridge handbook of consciousness* (pp. 809–827). New York: Cambridge University Press.

Finkbeiner, M., Slotnick, S. D., Moo, L. R., & Caramazza, A. (2007). Involuntary capture of attention produces domain-specific activation. *NeuroReport*, *18*, 975–979.

Slotnick, S. D., & Moo, L. R. (2006). Prefrontal cortex hemispheric specialization for categorical and coordinate visual spatial memory. *Neuropsychologia*, *44*, 1560–1568.

Slotnick, S. D., & Schacter, D. L. (2006). The nature of memory related activity in early visual areas. *Neuropsychologia*, *44*, 2874–2886.

Garoff-Eaton, R. J., Slotnick, S. D., & Schacter, D. L. (2006). Not all false memories are created equal: The neural basis of false recognition. *Cerebral Cortex*, *16*, 1645–1652.

Rauschenberger, R., Liu, T., Slotnick, S. D., & Yantis, S. (2006). Temporally unfolding neural representation of pictorial occlusion. *Psychological Science*, *17*, 358–364.

Slotnick, S. D., & Dodson, C. S. (2005). Support for a continuous (single-process) model of recognition memory and source memory. *Memory & Cognition*, *33*, 151–170.

Slotnick, S. D. (2005). Spatial working memory specific activity in dorsal prefrontal cortex? Disparate answers from fMRI beta-weight and timecourse analysis. *Cognitive Neuropsychology*, *22*, 905–920.

Slotnick, S. D. (2005). Valid fMRI timecourse analysis with tasks containing temporal dependencies. *Cognitive Neuropsychology*, *22*, 925–927.

Garoff, R. J., Slotnick, S. D., & Schacter, D. L. (2005). The neural origins of specific and general memory: The role of the fusiform cortex. *Neuropsychologia*, *43*, 847–859.

Slotnick, S. D. (2005). [Review of the book *Neurobiology of Attention*]. *Annals of Neurology*, *58*, 648.

Slotnick, S. D., & Yantis, S. (2005). Common neural substrates for the control of visual attention and perceptual bistability. *Cognitive Brain Research*, *24*, 97–108.

- Slotnick, S. D., Thompson, W. L., & Kosslyn, S. M. (2005). Imagery induced retinotopic activity in early visual areas. *Cerebral Cortex*, *15*, 1570–1583.
- Slotnick, S. D. (2004). Visual memory and visual perception recruit common neural substrates. *Behavioral and Cognitive Neuroscience Reviews*, *3*, 207–221.
- Slotnick, S. D., & Schacter, D. L. (2004). A sensory signature that distinguishes true from false memories. *Nature Neuroscience*, *7*, 664–672.
- Schacter, D. L., & Slotnick, S. D. (2004). The cognitive neuroscience of memory distortion. *Neuron*, *44*, 149–160.
- Slotnick, S. D. (2004). Source localization of ERP generators. In T. C. Handy (Ed.), *Event-Related Potentials: A Methods Handbook* (pp. 149–166). Cambridge: The MIT Press.
- Liu, T., Slotnick, S. D., & Yantis, S. (2004). Human MT+ mediates perceptual filling-in during apparent motion. *NeuroImage*, *21*, 1772–1780.
- Slotnick, S. D., Moo, L. R., Segal, J. B., & Hart, J. (2003). Distinct prefrontal cortex activity associated with item memory and source memory for visual shapes. *Cognitive Brain Research*, *17*, 75–82.
- Slotnick, S. D. (2003). Model fitting in (n+1) dimensions. *Behavior Research Methods, Instruments, & Computers*, *35*, 322–324.
- Slotnick, S. D., Schwarzbach, J., & Yantis, S. (2003). Attentional inhibition of visual processing in human striate and extrastriate cortex. *NeuroImage*, *19*, 1602–1611.
- Slotnick, S. D., & Moo, L. R. (2003). Retinotopic mapping reveals extrastriate cortical basis of homonymous quadrantanopia. *NeuroReport*, *14*, 1209–1213.
- Slotnick, S. D., & Yantis, S. (2003). Efficient acquisition of human retinotopic maps. *Human Brain Mapping*, *18*, 22–29. (Issue 1 Cover)
- Liu, T., Slotnick, S. D., Serences, J. T., & Yantis, S. (2003). Cortical mechanisms of feature-based attentional control. *Cerebral Cortex*, *13*, 1334–1343.
- Moo, L. R., Slotnick, S. D., Tesoro, M. A., Zee, D. S., & Hart, J. (2003). Interlocking finger test: A bedside screen for parietal lobe dysfunction. *Journal of Neurology, Neurosurgery & Psychiatry*, *74*, 530–532.
- Slotnick, S. D., Moo, L. R., Kraut, M. A., Lesser, R. P., & Hart, J. (2002). Interactions between thalamic and cortical rhythms during semantic memory recall in human. *Proceedings of the National Academy of Sciences of the United States of America*, *99*, 6440–6443.
- Slotnick, S. D., Hopfinger, J. B., Klein, S. A., & Sutter, E. E. (2002). Darkness beyond the light: attentional inhibition surrounding the classic spotlight. *NeuroReport*, *13*, 773–778.

- Slotnick, S. D., Moo, L. R., Krauss, G., & Hart, J. Jr. (2002). Large-scale cortical displacement of a human retinotopic map. *NeuroReport*, *13*, 41–46.
- Moo, L. R., Slotnick, S. D., Krauss, G., & Hart, J. Jr. (2002). A prospective study of motor recovery following multiple subpial transections. *NeuroReport*, *13*, 665–669.
- Slotnick, S. D., Moo, L. R., Tesoro, M. A., & Hart, J. Jr. (2001). Hemispheric asymmetry in categorical versus coordinate visuospatial processing revealed by temporary cortical deactivation. *The Journal of Cognitive Neuroscience*, *13*, 1088–1096.
- Slotnick, S. D., Klein, S. A., Carney, T., & Sutter, E. E. (2001). Electrophysiological estimate of human cortical magnification. *Clinical Neurophysiology*, *112*, 1349–1356.
- Slotnick, S. D., Klein, S. A., Dodson, C. S., & Shimamura, A.P. (2000). An analysis of signal detection and threshold models of source memory. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *26*, 1499–1517.
- Slotnick, S. D., Klein, S. A., Carney, T., Sutter, E. E., & Dastmalchi, S. (1999). Using multi-stimulus VEP source localization to obtain a retinotopic map of human primary visual cortex. *Clinical Neurophysiology*, *110*, 1793–1800.

Invited Talks

- 2009 “Artifact free source ROCs support a single-process model of memory” in Session “What can ROC analysis tell us about memory”, Conference on Neurobiology of Learning and Memory, Park City, Utah.
- 2006 “The misguided predilection for recollection”, University of Massachusetts, Amherst, Psychology Department.
- 2006 “Priming in early visual areas during implicit and explicit tasks”. Massachusetts General Hospital, Martinos Center for Biomedical Imaging.
- 2005 “Are recollection and familiarity distinct memory processes?”, Boston University, Center for Memory and Brain.
- 2004 “On the nature of visual memory related cortical activity”, Boston University School of Medicine, Memory Disorders Research Center; Rutgers University, Center for Molecular and Behavioral Neuroscience.
- 2004 “On the nature of explicit memory retrieval”, Boston College, Psychology Department; Brandeis University, Volen Center for Complex Systems; Temple University, Psychology Department; University of North Carolina at Chapel Hill, Psychology Department; University of South Florida, Psychology Department.
- 2003 “Neural effects and control of attentional inhibition”, Dartmouth College, Psychological and Brain Sciences Department; Georgetown University, Neuroscience Department.

- 2002 “fMRI and ERP investigations of the effects and control of attentionally mediated inhibition”, Harvard University, Vision Sciences Laboratory.
- 2002 “The effects and control of attentionally mediated inhibition”, University of Exeter, UK, Psychology Department.
- 2002 “Ambiguous figures illuminate the intersection of perception and attention”, Johns Hopkins University School of Medicine, Cognitive Neurology Division.
- 2001 “fMRI and ERP investigations of attentionally mediated inhibition in early visual areas”, Johns Hopkins University School of Medicine, Cognitive Neurology Division.
- 2000 “Out of sight into mind: using tools of visual perception to study human memory for source”, Johns Hopkins University, Psychology Department.

Conference Presentations

Slotnick, S. D. (2008). Disruption of human MT impairs memory for contralateral motion. Talk to be presented at the Society for Neuroscience Conference.

Tierney, K. P., & Slotnick, S. D. (2008). Retinotopic reactivation in lateral occipital complex during memory for abstract shapes. Poster to be presented at the Society for Neuroscience Conference.

Thakral, P. T., & Slotnick, S. D. (2008). Disruption of MT impairs contralateral attention to motion. Poster to be presented at the Society for Neuroscience Conference.

Moo, L. R., & Slotnick, S. D. (2008). Functional lesion in human MT impairs contralateral motion perception and attention. Poster to be presented at the Society for Neuroscience Conference.

Tierney, K. P., & Slotnick, S. D. (2008). The specificity of memory for abstract shapes. Poster presented at the Charles River Association for Memory Conference.

Lakdawala, S. Z., Moo, L. R., & Slotnick, S. D. (2008). Dorsolateral prefrontal activity supports an inhibitory model of word retrieval. Poster presented at the Charles River Association for Memory Conference.

Thakral, P. P., & Slotnick, S. D. (2008). Evidence suggesting a functional–anatomic organization of parietal cortex during attentional control. Poster presented at the Cognitive Neuroscience Society Conference.

Tierney, K. P., Thakral, P. P., & Slotnick, S. D. (2008). The neural basis of attentional task set and cognitive control. Poster presented at the Cognitive Neuroscience Society Conference.

Slotnick, S. D. (2007). No recollection in recollection–based paradigms: ROC analysis supports a continuous (single–process) memory model. Talk presented at the Psychonomic Society Conference.

Slotnick, S. D. (2007). Memory for color reactivates color processing regions. Talk presented at the Society for Neuroscience Conference.

Thakral, P. P., & Slotnick, S. D. (2007). The neural basis of inattention blindness. Poster presented at the Society for Neuroscience Conference.

Moo, L. R., & Slotnick, S. D. (2007). Medial/anterior temporal lobe lateralization of memory for items versus their context. Talk presented at the Society for Neuroscience Conference.

Ross, R. S., Slotnick, S. D., & Schacter, D. L. (2007). Conscious–nonconscious memory boundary in visual regions is task dependent. Poster presented at the Society for Neuroscience Conference.

Thompson, W. L., Slotnick, S. D., & Kosslyn, S. M. (2007). Evidence for different networks in spatial mental imagery: transformational and location memory processes. Poster presented at the Society for Neuroscience Conference.

Ross, R. S., & Slotnick, S. D. (2007). Color and spatial source memory activate unique subregions of the medial temporal lobe. Poster presented at the Cognitive Neuroscience Society Conference.

Grimes, J. A., & Slotnick, S. D. (2007). Spatial source memory ROCs support a continuous (single–process) model of memory. Poster presented at the Cognitive Neuroscience Society Conference.

Thakral, P., & Slotnick, S. D. (2007). Inattention blindness is mediated by attentional inhibition under high task load. Poster presented at the Cognitive Neuroscience Society Conference.

Caddick, K. H., Moo, L. R., Ross, R. S., & Slotnick, S. D. (2007). Support for an inhibitory model of word retrieval. Poster presented at the Cognitive Neuroscience Society Conference.

Moo, L. R., Carlson–Emerton, B., & Slotnick, S. D. (2007). Contralateral motion processing deficit corroborates temporal–occipital seizure focus. Poster presented at the American Academy of Neurology Conference.

Slotnick, S. D. (2006). Retinotopic memory reactivation: Evidence for an early parietal–occipital mechanism. Talk at the Charles River Association for Memory Conference.

Ross, R. S., & Slotnick, S. D. (2006). The hippocampus is preferentially associated with memory for context. Poster at the Society for Neuroscience Conference.

Slotnick, S. D. (2006). Retinotopic memory reactivation supports feature specificity. Talk at the Society for Neuroscience Conference.

Thakral, P., & Slotnick, S. D. (2006). Attentional inhibition mediates inattention blindness. Poster at the International Conference on Cognitive and Neural Systems.

Slotnick, S. D. (2006). Visual memory activity supports feature- and domain-specificity. Talk at the Charles River Association for Memory Conference.

Slotnick, S. D., & Moo, L. R. (2005). Prefrontal cortex hemispheric specialization for categorical and coordinate visual spatial memory. Talk at the Society for Neuroscience Conference.

Moo, L. R., Carlson–Emerton, B., & Slotnick, S. D. (2005). Functional MT+ lesion impairs contralesional motion processing. Talk at the Society for Neuroscience Conference.

Garoff–Eaton, R. J., Slotnick, S. D., & Schacter, D. L. (2005). Encoding of specific detail supports true and false recognition. Talk at the Society for Neuroscience Conference.

Garoff, R. J., Slotnick, S. D., & Schacter, D. L. (2005). The neural basis of gist-based and baseline false recognition. Poster at the Cognitive Neuroscience Society Conference.

Moore, C., Slotnick, S. D., & Schacter, D. L. (2005). Removal of noise in fMRI analysis through filtering multiple global effects. Poster at the Cognitive Neuroscience Society Conference.

Slotnick, S. D., & Dodson, C. S. (2004). The natural shape of the source memory ROC supports a continuous (single-process) model of memory. Talk at the Psychonomic Society Conference.

Slotnick, S. D., & Schacter, D. L. (2004). Differential priming effects in early visual regions for repeated versus similar abstract shapes. Talk at the Society for Neuroscience Conference.

Garoff, R. J., Slotnick, S. D., & Schacter, D. L. (2004). Neural evidence for category-specific subsequent memory effects. Poster at the Society for Neuroscience Conference.

Slotnick, S. D., & Schacter, D. L. (2004). Miss-related sensory cortical activity during episodic memory retrieval of visual shapes. Poster at the Cognitive Neuroscience Society Conference.

Garoff, R. J., Slotnick, S. D., & Schacter, D. L. (2004). Neural correlates of specific and gist-based encoding for visual objects. Poster at the Cognitive Neuroscience Society Conference.

Weiss, J. A., Slotnick, S. D., & Schacter, D. L. (2004). Using patterns of neural activity to detect true and false memory on a trial-by-trial basis. Poster at the Cognitive Neuroscience Society Conference.

Moo, L.R., Slotnick, S. D., & Hillis A.E. (2004). fMRI following recovery from alexia without agraphia reveals recruitment of right hemisphere. Poster presented at the Cognitive Neuroscience Society Conference.

Slotnick, S. D., & Schacter, D. L. (2003). The neural basis of true and false memory for visual shapes. Talk at the Society for Neuroscience Conference.

Moo, L. R., & Slotnick S. D. (2003). Dorsolateral prefrontal cortex activity supports a competition model of word retrieval. Poster at the Society for Neuroscience Conference.

Jackson, O., Slotnick, S. D., & Schacter, D. L. (2003). Using encoding related neural activity to predict subsequent memory performance. Poster at the Society for Neuroscience Conference.

Garoff, R. J., Slotnick, S. D., Koutstaal, W., & Schacter, D. L. (2003). Encoding origins of true and false memories: evidence from event-related fMRI. Poster at the Society for Neuroscience Conference.

Hart, J. Jr., & Slotnick, S. D. (2003). Thalamocortical evidence for a constructive memory framework. Poster at the Society for Neuroscience Conference.

Thompson, W. L., Slotnick, S. D., & Kosslyn, S.M. (2003). Visual imagery generated retinotopic maps. Poster at the Society for Neuroscience Conference.

Moo, L. R., & Slotnick, S. D. (2003). fMRI evidence of purely extrastriate basis for post-stroke quadrantanopia. Poster at the American Neurological Association Meeting.

Rauschenberger, R., Liu, T., Slotnick, S. D., & Yantis, S. (2003). Cortical representation of pictorial occlusions in early visual areas and LOC. Poster at the Vision Sciences Conference.

Slotnick, S. D., & Schacter, D. L. (2003). Cortical activity associated with true and false memory for visual shapes. Poster at the Cognitive Neuroscience Society Conference.

Moo, L. R., & Slotnick, S. D. (2003). Retinotopic mapping of homonymous quadrantanopia reveals spared primary visual cortex function. Poster at the Cognitive Neuroscience Society Conference.

Jackson, O., & Slotnick, S. D. (2003). Brain activation profiles predict subsequent performance. Poster at the Cognitive Neuroscience Society Conference.

Liu, T., Raushenberger, R., Slotnick, S. D., & Yantis, S. (2003). Neural signatures of amodal completion. Poster at the Cognitive Neuroscience Society Conference.

Slotnick, S. D., & Yantis, S. (2002). Control of focused versus distributed spatial attention. Talk at the Society for Neuroscience Conference.

Moo, L. R., Slotnick, S. D., & Hillis, A. E. (2002). Left inferior prefrontal activation varies with task difficulty. Talk at the Society for Neuroscience Conference.

Liu, T., Slotnick, S. D., Nakama, T., & Yantis, S. (2002). Filling in the path of apparent motion in human cortex. Poster at the Society for Neuroscience Conference.

Serences, J. T., Liu, T., Slotnick, S. D., & Yantis, S. (2002). Neural mechanisms of feature-based attentional control. Poster at the Society for Neuroscience Conference.

- Liu, T., Slotnick, S. D., & Yantis, S. (2002). Neural basis of feature-based attentional control. Talk at the Vision Sciences Conference.
- Slotnick, S. D., & Yantis, S. (2002). Modulation of early visual areas by shifts of bistable perception and spatial attention. Poster at the Cognitive Neuroscience Society Conference.
- Slotnick, S. D., & Yantis, S. (2002). Neural basis of voluntary control over perceptual bistability. Talk at the Toward a Science of Consciousness Conference.
- Hart, J., & Slotnick, S. D. (2002). Thalamic modulation of cortical rhythms during semantic memory recall in human. Talk at the Toward a Science of Consciousness Conference.
- Kraut, M. A., Moo, L.R., Segal, J.B., Slotnick, S. D., & Hart, J. Jr. (2002). Comparison of neural activity during letter and object processing. Talk at the American Society of Neuroradiology Conference.
- Slotnick, S. D., Schwarzbach, J., & Yantis, S. (2001). Attentionally mediated inhibition of striate and extrastriate visual processing. Poster at the Society for Neuroscience Conference.
- Slotnick, S. D., Hopfinger, J. B., Klein, S. A., & Sutter, E.E. (2001). Darkness beyond the light: Human electrophysiological evidence for a region of inhibition surrounding the attentional 'spotlight'. Poster at the Cognitive Neuroscience Society Conference.
- Moo, L.R., Slotnick, S. D., Tesoro, M., & Hart, J. Jr. (2001). Intracarotid amobarbital injections confirm differential hemispheric specialization in categorical versus coordinate visuospatial processing. Poster at the Cognitive Neuroscience Society Conference.
- Slotnick, S. D., Moo, L. R., Zee, D. S., Tesoro, M., & Hart, J. (2000). The utility of an interlocking finger task in the neuropsychological battery. Poster at the American Academy of Neurology Conference.
- Slotnick, S. D., Klein, S. A., Sutter, E. E., & Carney, T. (2000). Validating fMRI: Using VEPs to estimate human cortical magnification. Poster at the Cognitive Neuroscience Society Conference.
- Dastmalchi, S., Baker, S. L., Carney, T., Klein, S. A., Slotnick, S. D., & Sutter, E.E. (1999). Multisource VEP analysis using common time functions. Poster at the Association for Research in Vision and Ophthalmology Conference.
- Carney, T., Slotnick, S. D., Klein, S. A., & Sutter, E. E. (1999). Using evoked potentials to estimate cortical scaling. Poster at the Association for Research in Vision and Ophthalmology Conference.
- Slotnick, S. D., Hopfinger, J.B., Sutter, E.E., Klein, S. A., & Carney, T. (1998). An electrophysiological analysis of the spatial distribution of attention. Poster at the Society for Neuroscience Conference.

Carney, T., Slotnick, S. D., Klein, S. A., Sutter, E. E., Dastmalchi, S., Baker, S. L., & Baseler, H.A. (1998). The use of multi-input stimuli to localize sources of the VEP. Poster at the Society for Neuroscience Conference.

Carney, T., Slotnick, S. D., Klein, S. A., & Dastmalchi, S. (1998). Localization of VEP sources using a common time function. Poster at the Association for Research in Vision and Ophthalmology Conference.

Slotnick, S. D., Carney, T., Klein, S. A., & Dastmalchi, S. (1998). Tracking cortical activity in retinotopic visual areas. Poster at the Cognitive Neuroscience Society Conference.

Slotnick, S. D., & Klein, S. A. (1997). Analysis of multi-dimensional cognitive processes. Poster at the Cognitive Science Society Conference.

Klein, S. A., & Slotnick, S. A. (1997). Two-dimensional signal detection approach to implicit memory. Talk at the Association for the Scientific Study of Consciousness Conference.

Slotnick, S. D., & Klein, S. A. (1997). Using the Laplacian to disambiguate multiple dipole sources. Poster presented at the Cognitive Neuroscience Society Conference.

Klein, S. A., & Slotnick, S. D. (1996). Multiple judgment signal detection methodology for memory research. Talk at the Cognitive Science Association for Interdisciplinary Learning Conference.

Slotnick, S. D., Klein, S. A., Dodson, C. S., & Shimamura, A. P. (1996). Evidence for partial recognition memory of source. Poster at the Cognitive Neuroscience Society Conference.

Beard, B. L., Klein, S. A., Ahumada, A. J., & Slotnick, S. D. (1996). Training on a vernier acuity task does not transfer to untrained retinal locations. Poster at the Association for Research in Vision and Ophthalmology Conference.

Slotnick, S. D., & Klein, S. A. (1996). Double judgment signal detection theory: Applications to memory and the mind. Poster at the Toward a Science of Consciousness Conference.

Klein, S. A., & Slotnick, S. D. (1996). A signal detection framework for consciousness experiments in cognitive psychology and perception. Talk at the Toward a Science of Consciousness Conference.

Baars, B. J., & Slotnick, S. D. (1995). Treating consciousness as a variable: The key to the evidence. Talk at the Psychonomic Society Conference.

Klein, S. A., & Slotnick, S. D. (1995). Double judgment methodology of implicit memory research. Talk at the Psychonomic Society Conference.