# Curriculum Vitae

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## Non–Academic Interests

Family (wife, 18–year old daughter), Music (composition and theory; bass guitar, drums, guitar), Exercise (Shotokan Karate: 1st Dan, running, free weights, sailing)

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## Education and Employment

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|---|---|
| 2017– | Boston College, Psychology and Neuroscience Department, Professor |
| 2020–2021 | Scientist, Department of Veterans Affairs (Bedford, MA) |
| 2011–2017 | Boston College, Psychology and Department, Associate Professor |
| 2005–2011 | Boston College, Psychology Department, Assistant Professor |
| 2002–2005 | Harvard University, Psychology Department, Postdoc |
| 1999–2002 | Johns Hopkins University, Psychology Department, Postdoc |
| 1998 | UC Berkeley, Vision Science Department, Ph.D. |
| 1996 | UC Berkeley, Vision Science Department, M.S. |
| 1994 | Kettering University, Electrical Engineering, B.S. |
| 1994 | Kettering University, Mechanical Engineering, B.S. |
| 1989–1994 | General Motors Headquarters, Student Engineer/Engineer |

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## Editorial Positions

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|---|---|
| 2020– | Book–Series Editor, *Cambridge Fundamentals of Neuroscience in Psychology.* Cambridge University Press |
| 2015– | Editor–in–Chief, *Cognitive Neuroscience* |
| 2015–2016 | Guest Associate Editor, *Attention, Perception, & Psychophysics* |
| 2014–2015 | Associate Editor, *Cognitive Neuroscience* |
| 2011–2012 | Guest Editor, *Cognitive Neuroscience* |

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## Memberships

Society for Neuroscience
Cognitive Neuroscience Society
Psychonomic Society (Fellow)

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## Publications

*Books*

Slotnick, S. D. (2017). *Cognitive Neuroscience of Memory*. Cambridge University Press. (2nd Edition, in preparation)

Slotnick, S. D. (2013). *Controversies in Cognitive Neuroscience*. Palgrave Macmillan.

*Edited Volumes*

Slotnick, S. D. (Ed.). (2022). *The hippocampus and long–term memory*. Cognitive Neuroscience, Issues 3 & 4.

Slotnick, S. D. (Ed.). (2021). *Sex differences in the brain*. Cognitive Neuroscience, Issues 3 & 4.

Hopfinger, J. B., & Slotnick, S. D. (Eds.). (2020). *Cognitive Neuroscience of Attention: Current Debates and Research*. Routledge.

Hopfinger, J. B., & Slotnick, S. D. (Eds.). (2020). *Attentional control and executive function*. Cognitive Neuroscience, Issues 1 & 2.

Slotnick, S. D. (2018). *Attentional modulation of early visual areas*. Cognitive Neuroscience, Issues 1 & 2.

Slotnick, S. D. (2012). *The cognitive neuroscience of memory*. Cognitive Neuroscience, Issues 3 & 4.

*Papers (N = 101, Citations = 6370, h–index = 38)*

Slotnick, S. D. (2023). TMS must not harm participants: Guidelines for evaluating TMS protocol safety. Cognitive Neuroscience, 14, 121–126.

Fritch, H. A., Jeye, B. M., Spets, D. S., Scali, R. P., Thakral, P. P, & Slotnick, S. D. (2023). Prefrontal cortex–mediated inhibition supports face recognition. Psychiatry Research: Neuroimaging, 334, 111693, 1–6.

Slotnick, S. D. (2023). No convincing evidence the hippocampus is associated with working memory. Cognitive Neuroscience, 3, 96–106.

Spets, D. S., & Slotnick, S. D. (2023). Entorhinal cortex functional connectivity during item long-term memory and the role of sex. Brain Sciences, 13, 446, 1–9.

Fritch, H. A., Moo, L. R., Sullivan, M. A., Thakral, P. P., & Slotnick, S. D. (2023). Impaired cognitive performance in older adults is associated with deficits in item memory and memory for object features. Brain and Cognition, 166, 105957, 1–9.

Slotnick, S. D. (2022). Does working memory activate the hippocampus during the late delay period? Cognitive Neuroscience, 182–207.

Slotnick, S. D. (2022). The hippocampus and long–term memory. Cognitive Neuroscience, 113–114.

Spets. D. S., & Slotnick, S. D. (2022). Sex is predicted by spatial memory multivariate activation patters. Learning & Memory, 29, 297–301.

Spets, D. S., & Slotnick, S. D. (2022). It's time for sex in cognitive neuroscience. Cognitive Neuroscience, 1, 1–9.

Slotnick, S. D. (2021). Sex differences in the brain. Cognitive Neuroscience, 3–4, 103–105.

Spets, D. S., Fritch, H. A., Thakral, P. P., & Slotnick, S. D. (2021). High confidence spatial long–term memories produce greater cortical activity in males than females. Cognitive Neuroscience, 3–4, 112–119.

Spets, D. S., & Slotnick, S. D. (2021). Are there sex differences in brain activity during long–term memory? A systematic review and fMRI activation likelihood estimation meta–analysis. Cognitive Neuroscience, 3–4, 163–173.

Spets, D. S., Karanian, J. M., & Slotnick, S. D. (2021). False memories activate distinct brain regions in females and males. NeuroImage: Reports, 1, 100043.

Fritch, H. A., Thakral, P. P., Slotnick, S. D., & Ross, R. S. (2021). Distinct patterns of hippocampal activity associated with color and spatial source memory. Hippocampus, 31, 1039–1047.

Fritch, H. A., Spets, D. S., & Slotnick, S. D. (2021). Functional connectivity with the anterior and posterior hippocampus during spatial memory. Hippocampus, 31, 658–558.

Spets, D. S., Fritch, H. A., & Slotnick, S. D. (2021). Sex differences in hippocampal connectivity during spatial long–term memory. Hippocampus, 31, 669–676.

Jeye, B. M., Kark, S. M., Spets, D. S., Moo, L. R., Kensinger, E. A., & Slotnick, S. D. (2021). Support for an inhibitory model of word retrieval. Neuroscience Letters, 755, 135876.

Spets, D. S., & Slotnick, S. D. (2020). Thalamic functional connectivity during spatial long–term memory and the role of sex. Brain Sciences, 10, 898.

Fritch, H. A., MacEvoy, S. P., Thakral, P. P., Jeye, B. M., Ross, R. S., & Slotnick, S. D. (2020). The anterior hippocampus is associated with spatial memory encoding. Brain Research, 1732, 146696.

Jeye, B. M., McCarthy, C. R., & Slotnick, S. D. (2020). Long–term memory specificity depends on inhibition of related items. Memory, 28, 261–269.

Kark, S. M., Slotnick, S. D., & Kensinger, E. A. (2020). Forgotten but not gone: fMRI evidence of implicit memory for negative stimuli 24 hours after the initial study episode. Neuropsychologia, 136, 107277.

Hopfinger, J. B., & Slotnick, S. D. (2020). Attentional control and executive function. Cognitive Neuroscience, 11, 1–4.

Spets, D. S., & Slotnick, S. D. (2019). Similar patterns of cortical activity in females and males during item memory. *Brain and Cognition, 135*, 103581 (1–7).

Spets, D. S., Jeye, B. M., & Slotnick, S. D. (2019). Different patterns of cortical activity in females and males during spatial long–term memory. *Neuroimage, 199*, 626–634.

Karanian, J. M., & Slotnick, S. D. (2018). Confident false memories for spatial location are mediated by V1. *Cognitive Neuroscience, 9*, 139–150.

Jeye, B. M., MacEvoy, S. P., Karanian, J. M., & Slotnick, S. D. (2018). Distinct regions of the hippocampus are associated with memory for different spatial locations. *Brain Research, 1687*, 41–49.

Slotnick, S. D. (2018). Attentional modulation of early visual areas. *Cognitive Neuroscience, 9*, 1–3.

Slotnick, S. D. (2018). The experimental parameters that affect attentional modulation of the ERP C1 component. *Cognitive Neuroscience, 9*, 53–61.

Slotnick, S. D. (2018). Several studies with significant C1 attention effects survive critical analysis. *Cognitive Neuroscience, 9*, 75–85.

Karanian, J. M., & Slotnick, S. D. (2017). False memories for shape activate the lateral occipital complex. *Learning & Memory, 24*, 552–556.

Slotnick, S. D. (2017). Cluster success: fMRI inferences for spatial extent have acceptable false–positive rates. *Cognitive Neuroscience, 8*, 150–155.

Slotnick, S. D. (2017). Resting–state fMRI data reflects default network activity rather than null data: A defense of commonly employed methods to correct for multiple comparisons. *Cognitive Neuroscience, 8*, 141–143.

Karanian, J. M., & Slotnick, S. D. (2017). False memory for context and true memory for context similarly activate the parahippocampal cortex. *Cortex, 91, 79–88.*

Thakral, P. P., Jacobs, C. M., & Slotnick, S. D. (2017). An attention account of neural priming. *Memory, 25*, 856–864.

Jeye, B. M., Karanian, J. M., & Slotnick, S. D. (2017). The anterior prefrontal cortex and the hippocampus are negatively correlated during false memories. *Brain Sciences,* 7, 13.

Jeye, B. M., Karanian, J. M., & Slotnick, S. D. (2016). Spatial memory activity distributions indicate the hippocampus operates in a continuous manner. *Brain Sciences*, 6, 37.

Slotnick, S. D., Jeye, B. M., & Dodson, C. S. (2016). Recollection is a continuous process: Evidence from plurality memory receiver operating characteristics. *Memory, 1*, 2−11.

Thakral, P. P., Kensinger, E. A., & Slotnick, S. D. (2016). Familiarity and priming are mediated by overlapping neural substrates. *Brain Research, 1632*, 107−118.

Kark, S. M., Slotnick, S. D., & Kensinger, E. A. (2016). Repetition enhancement of amygdala and visual cortex functional connectivity reflects nonconscious memory for negative visual stimuli. *Journal of Cognitive Neuroscience, 28*, 1933−1946.

Thakral, P. P., & Slotnick, S. D. (2015). The sensory timecourses associated with conscious visual item memory and source memory. *Behavioural Brain Research, 290*, 143−151.

Karanian, J. M., & Slotnick, S. D. (2015). Memory for shape reactivates the lateral occipital complex. *Brain Research, 1603*, 124−132.

Karanian, J. M., & Slotnick, S. D. (2014). False memory for context activates the parahippocampal cortex. *Cognitive Neuroscience, 5*, 186−192.

Thakral, P. P., & Slotnick, S. D. (2014). Nonconscious memory for motion activates MT+. *NeuroReport, 25*, 1326−1330.

Karanian, J. M., & Slotnick, S. D. (2014). The cortical basis of true memory and false memory for motion. *Neuropsychologia, 54*, 53–58.

Slotnick, S. D. (2013). The nature of recollection in behavior and the brain. *NeuroReport, 24*, 663–670.

Slotnick, S. D., & Thakral, P. P. (2013). The hippocampus operates in a threshold manner during spatial source memory. *NeuroReport, 24*, 265–269.

Thakral, P. P., & Slotnick, S. D. (2013). The role of spatial attention during spatial encoding. *Cognitive Neuroscience, 4*, 73–80.

Thakral, P. P., Slotnick, S. D., & Schacter, D. L. (2013). Conscious processing during retrieval can occur in early and late visual regions. *Neuropsychologia, 51*, 482–487.

Slotnick, S. D., & White, R. C. (2013). The fusiform face area responds equivalently to faces and abstract shapes in the left and central visual fields. *NeuroImage, 83*, 408–417.

Slotnick, S. D. (2012). The cognitive neuroscience of memory. *Cognitive Neuroscience, 3*, 139–141.

Thakral, P. P., Moo, L. R., & Slotnick, S. D. (2012). A neural mechanism for aesthetic experience. *NeuroReport, 23,* 310–313.

Slotnick, S. D., Thompson, W. L., & Kosslyn, S. M. (2012). Visual memory and visual mental imagery recruit common control and sensory regions of the brain. Cognitive Neuroscience*, 3,* 14–20*.*

Slotnick, S. D., & Thakral, P. P. (2011). Memory for motion and spatial location is mediated by contralateral and ipsilateral motion processing cortex. *NeuroImage, 55*, 794–800.

Thakral, P. P., & Slotnick, S. D. (2011). Disruption of MT preferentially impairs motion processing. *Neuroscience Letters, 490,* 226–230.

Slotnick, S. D. (2010). Synchronous retinotopic frontal–temporal activity during long–term memory for spatial location. *Brain Research, 1330,* 89–100.

Slotnick, S. D. (2010). Does the hippocampus mediate objective binding or subjective remembering? *NeuroImage, 49,* 1769–1776.

Slotnick, S. D. (2010). "Remember" source memory ROCs indicate recollection is a continuous process. *Memory, 18,* 27–39.

Slotnick, S. D., & Schacter, D. L. (2010). Conscious and nonconscious memory effects are temporally dissociable. *Cognitive Neuroscience, 1,* 8–15.

Slotnick, S. D. (2010). High density event–related potential data acquisition in Cognitive Neuroscience. *Journal of Visualized Experiments, 38.*

Thakral, P. P., & Slotnick, S. D. (2010). Attentional inhibition mediates inattentional blindness. *Consciousness and Cognition, 19,* 636–643.

Slotnick, S. D. (2009). Rapid retinotopic reactivation during spatial memory. *Brain Research, 1268,* 97–111.

Slotnick, S. D. (2009). Memory for color reactivates color processing region. *NeuroReport, 20,* 1568–1571.

Thakral, P. P., & Slotnick, S. D. (2009). The role of parietal cortex during sustained visual spatial attention. *Brain Research, 1202,* 157–166.

Thompson, W. L., Slotnick, S. D., Burrage, M. S., & Kosslyn, S. M. (2009). Two forms of spatial imagery: Neuroimaging evidence. *Psychological Science, 20,* 1245–1253.

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

Moo, L. R., Emerton, B. C., & Slotnick, S. D. (2008). Functional MT+ lesion impairs contralateral motion processing. *Cognitive Neuropsychology, 25,* 677–689.

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

Slotnick, S. D., Thompson, W. L., & Kosslyn, S. M. (2005). Visual mental imagery induces retinotopically organized activation of early visual areas. *Cerebral Cortex, 15,* 1570–1583.

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

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.

Liu, T., Slotnick, S. D., & Yantis, S. (2004). Human MT+ mediates perceptual filling–in during apparent motion. *NeuroImage, 21,* 1772–1780.

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.

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., Moo, L. R., Krauss, G., & Hart, J. Jr. (2002). Large–scale cortical displacement of a human retinotopic map. *NeuroReport, 13,* 41–46.

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.

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. *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.

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## PRESENTATIONS

Wekwerth, B., Wong, A., Cordes, S., & Slotnick, S. D. (2023). Examining gender differences in encoding strategies of item memory and location memory. Poster at the Eastern Psychology Association.

Fritch, H. A., Spets, D. S., & Slotnick, S. D. (2022). Functional connectivity with the anterior and posterior hippocampus during spatial memory. Poster at the Cognitive Neuroscience Society Conference.

Spets, D. S., & Slotnick, S. D., (2020). Spatial memory activation patterns classify females but not males. Poster at the Cognitive Neuroscience Society Conference.

Fritch, H. A., Thakral, P. P., Slotnick, S. D., & Ross, R. S. (2020). Distinct patterns of hippocampal activity are associated with spatial memory and color memory. Poster at the Cognitive Neuroscience Society Conference.

Jeye, B. M., & Slotnick, S. D. (2020). Inhibition of related items in long–term memory specificity depends on confidence. Poster at the Cognitive Neuroscience Society Conference.

Jeye, B. M., & Slotnick, S. D. (2020). Long–term memory specificity and inhibition depend on memory strength. Poster at the Psychonomic Society Conference.

Fritch, H. A., & Slotnick, S. D. (2019). Hippocampal spatial memory retrieval effects may be less localized than encoding effects. Poster at the Society for Neuroscience Conference.

Spets, D. S., & Slotnick, S. D. (2019). Patterns of spatial memory activity are more similar within than between sex. Poster at the Society for Neuroscience Conference.

Jeye, B. M., McCarthy, C. R., & Slotnick, S. D. (2019). Inhibition of distantly related items in long–term memory depends on the number of repetitions at encoding. Poster at the American Psychological Association Conference.

Spets, D. S., & Slotnick, S. D. (2019). Sex differences rather than individual differences account for differential brain activity between females and males during visual long–term memory. Poster at the Cognitive Neuroscience Society Conference.

Fritch, H. A., & Slotnick, S. D. (2019). Attentional facilitation and inhibition in V1 during spatial long–term memory. Poster at the Cognitive Neuroscience Society Conference.

Jeye, B. M., MacEvoy, S. P., & Slotnick, S. D. (2019). Distinct regions of the human hippocampus are associated with memory for different spatial locations. Poster at the Cognitive Neuroscience Society Conference.

Fritch, H. A., MacEvoy, S. P., Jeye, B. M., & Slotnick, S. D. (2018). Distinct patterns of activity are associated with spatial memory encoding in the anterior but not posterior hippocampus. Poster at the Society for Neuroscience Conference.

Spets, D. S., & Slotnick, S. D. (2018). Different patterns of visual processing activity in females and males during visual encoding. Poster at the Society for Neuroscience Conference.

Jeye, B. M., & Slotnick, S. D. (2018). The hippocampus and early visual regions are functionally connected during spatial memory encoding. Poster at the Society for Neuroscience Conference.

Spets, D. S., & Slotnick, S. D. (2018). Females and males have similar abstract shape spatial memory accuracy. Poster at the Psychonomic Society Conference.

Jeye, B. M., & Slotnick, S. D. (2018). Different prefrontal cortex regions mediate unintentional and intentional forgetting. Poster at the Psychonomic Society Conference.

Russo, T. R., Karanian, J. M., Jeye, B. M., & Slotnick, S. D. (2018). The effects of selective retrieval and selective suppression on memory for color. Poster at the Psychonomic Society Conference.

Jeye, B. M., & Slotnick, S. D. (2018). Long–term memory specificity for faces depends on inhibition of closely related items. Poster at the Cognitive Neuroscience Society Conference.

Spets, D. S., & Slotnick, S. D. (2018). Sex differences in the brain during long–term item memory. Poster at the Cognitive Neuroscience Society Conference.

Karanian, J. M., & Slotnick, S. D. (2018). False memory for spatial location is mediated by V1. Poster at the Cognitive Neuroscience Society Conference.

McCarthy, C. R., Jeye, B. M., & Slotnick, S. D. (2018). Inhibition of distantly related items in long–term memory depends on the number of repetitions at encoding. Poster at the Cognitive Neuroscience Society Conference.

Russo, T. R., Karanian, J. M., Jeye, B. M., & Slotnick, S. D. (2018). The effects of selective retrieval and selective suppression on spatial memory. Poster at the Cogntive Neuroscience Society Conference.

Spets, D. S., Jeye, B. M., & Slotnick, S. D. (2017). Widely different patterns of cortical activity in females and males during spatial long–term memory. Poster at the Society for Neuroscience Conference.

Jeye, B. M., Kark, S. M., Kensinger, E. A., & Slotnick, S. D. (2017). Negative functional connectivity between the dorsolateral prefrontal cortex and language processing cortex during semantic memory retrieval. Poster at the Society for Neuroscience Conference.

Karanian, J. M., & Slotnick, S. D. (2017). Illusory shape processing during encoding of scrambled items induces subsequent false memory for intact shapes. Poster at the Society for Neuroscience Conference.

Spets, D. S., Jeye, B. M., & Slotnick, S. D. (2017). Sex differences in the brain during long−term memory for spatial location. Poster at the Association for Psychological Science Conference.

Jeye, B. M., McCarthy, C., & Slotnick, S. D. (2017). Long−term memory specificity depends on inhibition of distantly related items. Poster at the Association for Psychological Science Conference.

Karanian, J. M., Russo, T. R., & Slotnick, S. D. (2017). The effects of remembering and suppression on memory for spatial location. Poster at the Association for Psychological Science Conference.

Jeye, B. M., Karanian, J. M., & Slotnick, S. D. (2017). The anterior prefrontal cortex and the hippocampus are negatively correlated during false memories. Poster at the Cognitive Neuroscience Society Conference.

Karanian, J. M., & Slotnick, S. D. (2017). False memory for context and true memory for context similarly activate the parahippocampal cortex. Poster at the Cognitive Neuroscience Society Conference.

Kark, S. M., Sherman, S. M., Daley, R., Slotnick, S. D., & Kensinger, E. A. (2017). Neural correlates of true and false memory vividness. Poster at the Cognitive Neuroscience Society Conference.

Jeye, B. M., & Slotnick, S. D. (2016). Long−term memory specificity depends on detailed memory for specific items and inhibition of related items. Poster at the Psychonomic Society Conference.

Karanian, J. M., & Slotnick, S. D. (2016). True memories and false memories for visual information: A meta−analysis of retrieval−related activity in early and late visual processing regions. Poster at the Psychonomic Society Conference.

Karanian, J. M., & Slotnick, S. D. (2016). False memory for spatial location activates contralateral visual regions within 400 to 800 milliseconds. Poster at the Society for Neuroscience Conference.

Jeye, B. M., Karanian, J. M., & Slotnick, S. D. (2016). The hippocampus operates in a continuous manner during spatial memory. Poster at the Society for Neuroscience Conference.

Jeye, B. M., Karanian, J. M., & Slotnick, S. D. (2016). Place memory sub−regions in the human hippocampus. Poster at the Cognitive Neuroscience Society Conference.

Karanian, J. M., Jeye, B. M., & Slotnick, S. D. (2016). Detailed visual spatial memory produces retinotopic activity in early visual regions. Poster at the Cognitive Neuroscience Society Conference.

Kark, S. M., Slotnick, S. D., & Kensinger, E. A. (2016). Effects of emotional valence on repetition suppression during a recognition memory task. Poster at the Cognitive Neuroscience Society Conference.

Slotnick, S. D. (2016). The neural mechanisms of spatial memory. Talk at the Boston VA.

Karanian, J. M., & Slotnick, S. D. (2015). High confidence false memory for spatial context is mediated by the parahippocampal cortex. Poster at the Society for Neuroscience Conference.

Jeye, B. M., Karanian, J. M., Thakral, P. P., & Slotnick, S. D. (2015). Neural spatial memory ROCs indicate the hippocampus operates in a threshold manner. Poster at the Society for Neuroscience Conference.

Jeye, B. M., Karanian, J. M., & Slotnick, S. D. (2015). The hippocampus is preferentially associated with spatial memory for items in the left visual field. Poster at the Cognitive Neuroscience Society Conference.

Karanian, J. M., & Slotnick, S. D. (2015). Confident false memories for spatial location activate contralateral visual regions. Poster at the Cognitive Neuroscience Society Conference.

Kark, S. M., Slotnick, S. D., & Kensinger, E. A. (2015). Parametric true and false memory confidence effects in visual regions and prefrontal cortex. Poster at the Cognitive Neuroscience Society Conference.

Karanian, J. M., & Slotnick, S. D. (2014). The nature of true and false memory activity in motion versus shape processing cortex. Talk at the Society for Neuroscience Conference.

Kark, S. M., Slotnick, S. D., & Kensinger, E. A. (2014). The effect of emotional valence on nonconscious visual memory activity. Poster at the Society for Neuroscience Conference.

Karanian, J. M., & Slotnick, S. D. (2014). True memory but not false memory for shape activates the lateral occipital complex. Poster at the Cognitive Neuroscience Society Conference.

Jeye, B. M., Dodson, C. S., & Slotnick, S. D. (2014). Plurality memory ROCs indicate recollection is a continuous process. Poster at the Cognitive Neuroscience Society Conference.

Karanian, J. M., & Slotnick, S. D. (2014). True memories and false memories for motion with equivalent subjective detail differentially activate motion processing cortex. Poster at the Eastern Psychological Association Conference.

Karanian, J. M., & Slotnick, S. D. (2013). Memory for shape reactivates the lateral occipital complex. Poster at the Society for Neuroscience Conference.

Slotnick, S. D., & Thakral, P. P. (2013). Context memory and remembering recruit distinct neural substrates. Poster at the Society for Neuroscience Conference.

Karanian, J. M., & Slotnick, S. D. (2013). True memory and false memory for motion differentially activate the hippocampus and the parahippocampal cortex. Poster at the Cognitive Neuroscience Society Conference.

Karanian, J. M., & Slotnick, S. D. (2013). True memory and false memory for motion differentially activate the hippocampus and the parahippocampal cortex. Poster at the NEURON Conference. (Most Outstanding Graduate Poster Presentation)

Karanian, J. M., & Slotnick, S. D. (2012). The sensory cortical basis of true and false memory for motion. Poster at the Society for Neuroscience Conference.

Thakral, P. P., Kensinger, E. A., & Slotnick, S. D. (2012). Familiarity can reflect nonconscious memory. Poster at the Society for Neuroscience Conference.

Slotnick, S. D. (2011). Abstract shape encoding activates the fusiform face area. Poster at the Society for Neuroscience Conference.

Thakral, P. P., & Slotnick, S. D. (2011). Nonconscious memory for motion activates MT+. Poster at the Society for Neuroscience Conference.

Moo, L. R., & Slotnick, S. D. (2011). Robust visual word form area (VWFA) activation during encoding of abstract shapes. Poster at the Society for Neuroscience Conference.

Slotnick, S. D. (2010). Does the hippocampus mediate binding or remembering? Talk at the Association for Psychological Science Conference.

Slotnick, S. D., & Thakral, P. P. (2010). Memory for motion and spatial location is mediated by non−retinotopic motion processing cortex. Poster at the Society for Neuroscience Conference.

Thakral, P. P., Slotnick, S. D., & Schacter, D. L. (2010). Is the conscious−nonconscious processing boundary associated with explicit retrieval anatomically fixed or flexible? Poster at the Society for Neuroscience Conference.

Thakral, P. P., Moo, L. R., & Slotnick, S. D. (2010). Non–object implied motion in paintings activates motion processing region MT+. Poster at the Cognitive Neuroscience Society Conference.

Slotnick, S. D. (2009). Artifact free source ROCs support a single–process model of memory. Talk at the Conference on Neurobiology of Learning and Memory.

Slotnick, S. D. (2009). ERP and TMS investigations of visual memory construction. Talk in the Psychology Department, Harvard University.

Slotnick, S. D. (2009). "Remember" source memory ROCs indicate recollection is a continuous process. Talk at the Psychonomic Society Conference.

Slotnick, S. D. (2009). The hippocampus mediates item–in–context binding rather than subjective remembering. Talk at the Society for Neuroscience Conference.

Thakral, P. P, & Slotnick, S. D. (2009). Are spatial attention and spatial encoding identical cognitive processes? Poster at the Society for Neuroscience Conference.

Jacobs, C. M., Thakral, P. P., & Slotnick, S. D. (2009). Attentional modulation underlies priming related increases in visual activity. Poster at the Society for Neuroscience Conference.

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

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

Tierney, K. P., & Slotnick, S. D. (2008). The specificity of memory for abstract shapes. Poster 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 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 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 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 at the Psychonomic Society Conference.

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

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

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

Thakral, P., & Slotnick, S. D. (2007). Inattentional blindness is mediated by attentional inhibition under high task load. Poster 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 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 at the American Academy of Neurology Conference.

Slotnick, S. D. (2006). The misguided predilection for recollection. Talk in the Psychology Department, University of Massachusetts, Amherst.

Slotnick, S. D. (2006). Priming in early visual areas during implicit and explicit tasks. Talk in the Martinos Center for Biomedical Imaging, Massachusetts General Hospital.

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 inattentional 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. (2005). Are recollection and familiarity distinct memory processes? Talk in the Center for Memory and Brain, Boston University.

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. (2004). On the nature of visual memory related cortical activity. Talk in the Memory Disorders Research Center, Boston University School of Medicine, and the Center for Molecular and Behavioral Neuroscience, Rutgers University.

Slotnick, S. D. (2004). On the nature of explicit memory retrieval. Talk in the Psychology Departments, Boston College, Temple University, University of North Carolina at Chapel Hill, University of South Florida, and the Volen Center for Complex Systems, Brandeis University.

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−specifice 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 at the Cognitive Neuroscience Society Conference.

Slotnick, S. D. (2003). Neural effects and control of attentional inhibition. Talk in the Psychological and Brain Sciences Department, Dartmouth College, and the Neuroscience Department, Georgetown University.

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. (2002). The effects and control of attentionally mediated inhibition. Talk in the Psychology Department, University of Exeter, UK.

Slotnick, S. D. (2002). fMRI and ERP investigations of the effects and control of attentionally mediated inhibition. Talk in the Vision Sciences Laboratory, Harvard University.

Slotnick, S. D. (2002). Ambiguous figures illuminate the intersection of perception and attention. Talk in the Cognitive Neurology Division, Johns Hopkins University School of Medicine.

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. (2001). fMRI and ERP investigations of attentionally mediated inhibition in early visual areas. Talk in the Cognitive Neurology Division, Johns Hopkins University School of medicine.

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. (2000). Out of sight into mind: Using tools of visual perception to study human memory for source. Talk in the Psychology Department, Johns Hopkins University.

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 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.

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## GRANTS

NSF Division of Behavioral and Cognitive Sciences (Cognitive Neuroscience Program) Grant. The role of the hippocampus in working memory and long–term memory, Scott D. Slotnick, P. I., Boston College, Pending, $795,589.

NSF Division of Behavioral and Cognitive Sciences (Developmental Sciences Program) Grant. Sex differences in visual memory and perception across development, Scott D. Slotnick, P. I., Sara Cordes, co-P. I., Boston College, Pending, $527,863.

Boston College Ignite Grant, The brain basis of inhibition during long–term memory, 9/1/18–5/31/19, $25,000.

Dana Foundation David Mahoney Neuroimaging Program Grant, Frontal–occipital interactions during visual memory, Scott D. Slotnick, P. I., Boston College, 9/10/14–3/10/19, $200,000.

NSF Graduate Research Fellowship, The behavioral and neural basis of recollection: A plurality memory investigation, Scott D. Slotnick, P. I., Boston College, Brittany M. Jeye, Recipient, 9/1/14–8/31/19, $132,000.

Boston College Ignite Grant, The role of the human hippocampus during spatial memory, 2/24/15–5/31/15, $30,000.

NIH/NIMH R01 Grant, How emotion affects memory for detail: Behavioral and neuroimaging investigations, Elizabeth A. Kensinger, P. I., Boston College, Scott D. Slotnick, Consultant, 6/1/14–8/31/14.

Boston College Research Incentive Grant, 6/1/13–5/31/14, $14,488.

NSF Division of Behavioral and Cognitive Sciences (Cognitive Neuroscience Program) Grant. The neural mechanisms of memory for object shape and motion: Integrating evidence from fMRI, ERPs, and TMS, Scott D. Slotnick, P. I., Boston College, 5/1/08–4/30/12, $321,431.

NIH/NIMH R01 Grant, Selective attention and control mechanisms in the brain, Joseph B. Hopfinger, P. I., UNC, Chapel Hill, Scott D. Slotnick, Consultant, 1/8/10–4/30/12.

Boston College Research Incentive Grant, 6/1/09–5/31/10, $12,740.

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## TEACHING

Cognitive Psychology, Undergraduate Course
Cognitive Neuroscience, Advanced Undergraduate Course
Cognitive Neuroscience of Memory, Advanced Undergraduate Seminar
Methods in Human Brain Mapping, Graduate Course
Controversies in Cognitive Neuroscience, Graduate Seminar
Graduate Programming Lab, Graduate Course
Professional Development Workshop & Seminar, Graduate Seminar

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## STUDENTS

Graduate Students

| | |
|---|---|
| 2023– | Ashley Steinkrauss |
| 2023– | Madeline Sullivan |
| 2018–2023 | Haley Fritch |
| 2017–2021 | Dylan Spets |
| 2014–2019 | Brittany Jeye |
| 2012–2017 | Jessica Karanian |
| 2008–2012 | Preston Thakral |
| 2007–2009 | Kyle Tierney |

Undergraduate Students/Research Assistants

| | |
|---|---|
| 2024– | Karen Cordero |
| 2023– | Emily Broderick |
| 2023– | June Tenfelde |
| 2022–2023 | Meg Sheehan |
| 2021–2023 | Madeline Sullivan |
| 2021–2022 | Cole Analoro |
| 2020–2022 | Elika Eshghi |
| 2019–2021 | Rachael Scali |
| 2019–2020 | Yuting Zhang |
| 2018–2020 | Emily Criscuolo |
| 2018–2020 | Shannon Lally |
| 2018–2019 | Sarah DeFazio |

2016–2018 Cassidy McCarthy
2016–2018 Taylor Russo
2016–2017 Dylan Spets
2016–2016 Vyshnavi Anandan
2016–2016 Rachel Kriegsman
2015–2016 Xiaolin Chen
2013–2015 Emily Blanco
2013–2015 Amanda Liefeld
2011–2013 Briana Fitz
2011–2013 Rachel White
2011–2012 Brittany Jeye
2011–2011 Ye ree You
2010–2011 Alyssa Lee
2007–2010 Chelsea Jacobs
2008–2009 Sara Lakdawala
2007–2008 James Kang
2006–2008 Preston Thakral
2006–2007 Julie Grimes

Postdoctoral Research Scientists
2022– Dylan Spets
2006–2007 Robert Ross

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## Professional Service

Manuscript Reviewer

Brain
Brain Research
Brain Structure & Function
British Journal of Psychology
Cerebral Cortex
Consciousness and Cognition
Cognitive, Affective, & Behavioral Neuroscience
Cognitive Brain Research
Cognitive Neuropsychology
Cognitive Neuroscience
Cortex
Clinical Neurophysiology
Current Biology
Experimental Brain Research
European Journal of Neuroscience
Hippocampus
Human Brain Mapping
Journal of Applied Statistics
Journal of Experimental Psychology: Learning, Memory, and Cognition
Journal of Experimental Psychology: General
Journal of Neuroscience
Journal of Vision
Learning & Memory
Memory
Memory & Cognition
Nature Scientific Reports
NeuroImage
Neuron
Neuropsychologia
NeuroReport
Neuroscience Letters
PLoS ONE
Psychonomic Bulletin & Review
Psychological Review
Psychological Science
Psychophysiology

Journal of Cognitive Neuroscience
Journal of Experimental Psychology: Human Perception and Performance
Scientific Reports
Trends in Cognitive Sciences
Visual Cognition

Book Reviewer

2018 Introduction to Human Neuroimaging (Cambridge University Press)
2015 Brain and Behavior: A Cognitive Neuroscience Perspective (David Eagleman & Jonathan Downar; Oxford University Press; lead review on back cover)
2013 Cognitive Psychology and its Implications (John Anderson; Worth Publishers)
2005 Neurobiology of Attention (Laurent Itti, Geraint Rees, & John Tsotsos; Academic Press)

Grant Reviewer

2023 Pennsulvania Department of Health
2022 NSF Division of Brain and Cognitive Sciences (Cognitive Neuroscience Program)
2022 Pennsulvania Department of Health
2021 NSF Division of Brain and Cognitive Sciences (Perception, Action & Cognition)
2018 NSF Division of Brain and Cognitive Sciences (Cognitive Neuroscience Program)
2015 NSF Division of Brain and Cognitive Sciences (Perception, Action & Cognition)
2013 NSF Division of Brain and Cognitive Sciences (Perception, Action & Cognition)
2012 NSF Division of Brain and Cognitive Sciences (Perception, Action & Cognition)
2010 NSF Major Research Instrumentation (MRI) competition panel, Washington, D. C. (Directorate of Social, Behavioral and Economic Sciences)
2010 NSF Division of Brain and Cognitive Sciences (Cognitive Neuroscience Program)
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

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## University Service

2021–2024 IRB Committee, Boston College
2019–2024 Quantitative Concentration Committee, Psychology

2018–2024 Graduate Admissions and Recruitment Committee, Psychology Department
2016–2024 Grievance Committee, Boston College
2013–2024 Graduate Program Committee, Director, Psychology Department
2013–2024 Graduate Evaluation Committee, Chair, Psychology Department
2013–2024 Teaching Assistant Assignment Committee, Chair, Psychology Department
2013–2024 Chair Advisory Committee, Psychology Department
2013–2024 Course Assignment Committee, Psychology Department
2013–2024 Junior Faculty Mentoring Committee, Psychology Department
2010–2024 Junior Faculty Third–Year Review Committee, Psychology Department
2006–2024 Lecturer, Professional Development Graduate Student Workshop, Psychology Department
2009–2024 Undergraduate Thesis Committees, Psychology Department (Brett Ford, Allie Steinberger, Peter Berg, Chelsea Jacobs, Emma Pearson, Emily Blanco, Maria Khoudary, Madeline Sullivan)
2008–2024 Human Subject Pool Committee, Chair, Psychology Department
2008–2024 Doctoral Thesis Committees, Psychology Department (Alan Scott, Cécile Morvan, Jill Waring, Katherine Mickley Steinmetz, Preston Thakral, Xuan Zhang, Jessica Karanian, Sarah Kark, Sara Keefer, Dylan Spets, Haley Fritch, Eliza Greiner, Rebecca Shteyn)
2007–2024 Master's Thesis Committees, Psychology Department (Jennifer Mize, Maria Gendron, Jill Waring, Katherine Mickley, Preston Thakral, Kyle Tierney, Brendan Murray, Jonathan Entis, Sara Keefer, Lily Tsoi, Allison Foilb, Sarah Kark, Brittany Jeye, Dylan Spets, Haley Fritch, Emma Russell)
2018–2023 Associate Professor Mentoring Committee, Psychology Department
2019–2020 Quantitative and Computational Search Committee, Psychology Department
2017–2020 Chair Recommendation Committee, Chair, Psychology Department
2018–2019 Developmental Search Committee, Psychology Department
2017–2018 Faculty Fellowship and Award Nomination Committee, Chair, Psychology Department
2015–2017 Future Directions Committee, Psychology Department
2014–2015 Department Name Committee, Chair, Psychology Department
2014–2015 Cognitive Neuroscience Search Committee, Psychology Department
2014–2014 Department Hiring Policy Committee, Chair, Psychology Department
2011–2014 Department Chair Evaluation Committee, Chair, Psychology Department
2011–2012 Graduate Admissions Committee, Psychology Department
2011–2012 Criteria for Teaching Responsibility Committee, Psychology Department
2010–2012 Graduate Education Policy Committee, Boston College

2009–2012 Statistical Consulting Committee, Psychology Department
2007–2012 Quantitative Search Committee, Psychology Department
2010–2011 Website Committee, Chair, Psychology Department
2010–2011 Adjunct/Part time Faculty Review Committee, Psychology Department
2010–2011 Neuroscience Concentration Advisor, Psychology Department
2009–2010 Neuroscience Task Force, Psychology Department
2009–2010 Graduate Program Committee, Psychology Department
2007–2010 Department Goals Committee, Chair, Psychology Department
2008–2009 Behavioral Neuroscience Search Committee, Psychology Department
2005–2009 Graduate Program Committee, Psychology Department
2007–2008 Undergraduate Program Committee, Psychology Department
2005–2008 Colloquium Committee, Psychology Department
2006–2007 Behavioral Neuroscience Search Committee, Psychology Department
2006–2007 Boston College Committee to Develop Center for Neuroscience
2006–2007 Boston College Committee to Select the Information Technology Director of Research and Faculty Liaison
2005–2006 Graduate Statistics Requirements Committee, Psychology Department
2005–2006 Co–author of Proposal for Center for Vision Research, Boston College
2005–2006 Co–author of Initiative for Center for Neuroscience, Boston College