

## Patrick G. Bissett, Ph. D

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### Education

**Stanford University, Stanford, CA** (2014 – )  
Postdoctoral Fellow, Psychology Department  
PI: Russell A. Poldrack

**Vanderbilt University, Nashville, TN** (2009 – 2014)  
Ph. D in Cognition and Cognitive Neuroscience  
Dissertation: Evaluating the Independent Race Model for the Stop Signal Paradigm: Context Independence is Violated at Short Stop Signal Delays  
PI: Gordon D. Logan

**University of Michigan, Ann Arbor, MI** (2004 – 2008)  
Bachelor's of Science with Distinction and Highest Honors in Brain, Behavior, and Cognitive Science

**University of Oxford, Oxford, UK** (2007)  
Study abroad program at St. Edmund Hall

### Publications

**Bissett, P. G.**, Logan, G. D., van Wouwe, N. C., Tolleson, C. M., Phibbs, F. T., Claassen, D. O., & Wylie, S. A. (2015). Generalized motor inhibitory deficit in Parkinson's disease patients who freeze. *Journal of Neural Transmission*, 122, 1693-1701.

**Bissett, P. G.**, & Logan, G. D. (2014). Selective Stopping? Maybe not. *Journal of Experimental Psychology: General*, 143, 455-472.

**Bissett, P. G.**, & Logan, G. D. (2013). Stop before you leap: Changing eye and hand movements requires stopping. *Journal of Experimental Psychology: Human Perception and Performance*, 39, 941-946.

**Bissett, P. G.** (2013). The countermanding task revisited: Mimicry of race models. [Commentary on "The countermanding task revisited: Fast stimulus detection is a key determinant of psychophysical performance"]. *The Journal of Neuroscience*, 33, 12150-12151.

**Bissett, P. G.**, & Logan, G. D. (2012). Post-stop-signal adjustments: Inhibition improves subsequent inhibition. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 38, 955-966.

**Bissett, P. G.**, & Logan, G. D. (2012). Post-stop-signal slowing: Strategies dominate reflexes and implicit learning. *Journal of Experimental Psychology: Human Perception and Performance*, 38, 746-757.

Yamaguchi, M., Logan, G. D., & **Bissett, P. G.** (2012). Stopping while going! Response inhibition does not suffer dual-task interference. *Journal of Experimental Psychology: Human Perception and Performance*, 38, 123-134.

**Bissett, P. G.**, & Logan, G. D. (2011). Balancing cognitive demands: Control adjustments in the stop-signal paradigm. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 37, 392-404.

**Bissett, P. G.**, Nee, D. E., Jonides, J. (2009). Dissociating Interference-Control Processes between Memory and Response. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 35, 1306-1316.

Cooper, S., Iyer, G., Tarquini, M., **Bissett, P.**, (2006). Nocodazole does not synchronize cells: implications for cell-cycle control and whole-culture synchronization. *Cell and Tissue Research*, 324, 237-242.

#### **Conference Presentations**

**Bissett, P. G.**, Shine, J. M., Koyejo, O., Gorgolewski, K. J., & Poldrack, R. A. Fluctuation in network topology predict N-back correct and errors as a function of cognitive load. Poster presented at Annual Meeting of the Organization of Human Brain Mapping. Geneva, Switzerland, June 26-30, 2016.

**Bissett, P. G.**, & Poldrack, R. A. Fast inhibition or impulsive inhibition? Towards a common threshold for engaging and inhibiting responses. Poster presented at the Association for Psychological Science Annual Convention. Chicago, Illinois, May 26-29, 2016.

**Bissett, P. G.**, Logan, G. D., & Wylie, S. A. Selective inhibition in young adults, older adults, and Parkinson's Disease. Poster presented at the Annual Meeting of the Society for Neuroscience. San Diego, California, November 9-13, 2013.

**Bissett, P. G.** Strategies for selective stopping. Talk presented at the Translational Aspects of Stopping Workshop. San Diego, California, November 8, 2013.

- Bissett, P. G.**, & Logan, G. D. Strategies for selective stopping: Challenging the race model. Poster presented at the Annual Meeting of the Psychonomic Society. Minneapolis, Minnesota, November 15-18, 2012.
- Bissett, P. G.**, & Logan, G. D. Post-stop-signal slowing: Strategies dominate reflexes and implicit learning. Poster presented at the Annual Meeting of the Psychonomic Society. Seattle, Washington, November 3-6, 2011.
- Bissett, P. G.**, Nee, D. E., & Jonides, J. Interference mechanisms for response production and memory representations. Poster presented at the Annual Meeting of the Psychonomic Society. Houston, Texas, November 16-19, 2006.

#### **Invited Talks**

- Selective response inhibition: Basic, clinical, developmental, and neuroscientific implications. University of Texas at Austin. October 7, 2013.
- Selective stopping strategies across effectors, age, and Parkinson's Disease. University of California at San Diego. July 24, 2013.

#### **Awards**

- Vanderbilt University Graduate Student Travel Award, 2011, 2012, 2013
- National Science Foundation Graduate Research Fellowship Honorable Mention, 2009
- Vanderbilt University Departmental Financial Award in recognition of exemplary academic record, 2009
- University of Michigan W. B. Pillsbury Prize for Most Outstanding Honors Thesis, 2008
- University of Michigan degree conferred with "Highest Honors" given for the best senior honors thesis in the Psychology Department, 2008
- University of Michigan Spike Tanner Memorial Award for Research, 2007
- University of Michigan Eli Lilly Research and Travel Award, 2006
- National Merit Scholarship Finalist, 2003

**Grants**

Ruth L. Kirschstein National Research Service Award from the National Institute of Drug Abuse (F32), 4/1/2016-3/31/2019:  
Elucidate the mechanisms underlying inhibition induced devaluation.  
PI: Patrick G. Bissett  
Total Direct Costs: \$174,990

**Ad-Hoc  
Reviewer**

- Behavioural Brain Research
- Cerebral Cortex
- European Journal of Neuroscience
- Experimental Brain Research
- Human Brain Mapping
- Japanese Psychological Research
- Journal of Experimental Psychology: General
- Journal of Experimental Psychology: Human Perception and Performance
- PLOS ONE
- Quarterly Journal of Experimental Psychology
- The Journal of Neuroscience

**Teaching  
Experience**

Teaching Assistant in Experimental Design. Spring 2012

Teaching Assistant in Introduction to Psychology. Fall 2011

Teaching Assistant in Experimental Design. Spring 2011

Teaching Assistant in Perception. Fall 2010