

**Jamal Anton Williams**  
Princeton University  
Princeton Neuroscience Institute 138D  
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## **Education & Training**

September 2015 – Current

PhD Student

Princeton Neuroscience Institute, Princeton University

Primary Advisor: Kenneth Norman, PhD

Secondary Advisor: Uri Hasson, PhD

May 2013 – September 2015

Research Assistant

Princeton Neuroscience Institute, Princeton University

Mentor: Kenneth Norman, PhD

August 2012 – May 2013

Graduate Research Assistant

Department of Psychology, University of Memphis

Advisor: Xiangen Hu, PhD

May 2011

B.A. in Psychology, University of Memphis

Advisor: Xiangen Hu, PhD

Thesis: “Exploring the effectiveness of a feedback mechanism within an intelligent tutoring system”

## **Publications**

Manning, J. R., Hulbert, J.C., **Williams, J.A.**, Piloto, L., Sahakyan, L., Norman, K.A. (2016). A neural signature of intentional forgetting via contextual flushing. *Psychonomic Bulletin & Review*.

## **Book Chapters**

Arzi, A., Banerjee, S., Cox, J.C., ... **Williams, J.A.**, ... Wood, S. (2014). The significance of cognitive neuroscience: Findings, applications, and challenges. In M.S. Gazzaniga (Ed.), *The Cognitive Neurosciences* (5th ed.). Cambridge, MA: The MIT Press.

## **Conference Proceedings**

Pavlik, P., Hua, H., **Williams, J.**, & Bidelman, G. M. (2013). Modeling the effect of spacing on musical interval training. Proceedings of 6th International Conference on Educational Data Mining, Memphis, TN, July 6–9, 2013.

Sullins, J., **Williams, J. A.**, & Hu, X, (2012). Exploring the effectiveness of a novel feedback system. Paper presented at the annual meeting of the Southeastern Psychological Association, New Orleans, LA.

## **Poster Presentations**

**Williams, J. A.**, Momennejad, I., Cohen, J. D., Norman, K. A. (2015) Taking the same pill twice: the role of context reinstatement in commission errors. Poster presented at the Context and Episodic Memory Symposium, Philadelphia, PA.

Norman, K. A., Manning, J. R., Hulbert, J.C., **Williams, J. A.**, Piloto, L., Abushanab, B., Sahakyan, L. (2014) Neural evidence for a context-change account of list-method directed forgetting. Poster presented at the Society for Neuroscience Annual Meeting, Washington D.C.

**Williams, J.**, Hu, X. (2012) Exploring the effectiveness of a feedback mechanism within an intelligent tutoring system. Poster presented at Society for Computers in Psychology, Minneapolis, MN.

**Williams, J.**, Hu, X., and Craig, S. (2011). Learning with ALEKS: The impact of after-school mathematics tutoring with an intelligent tutoring system. Poster was presented at Works in Progress Symposium, Memphis, TN.

**Williams, J.**, Okwumubua, T., Craig, S., and Hu, X. (2010). Motivation and learning with ALEKS, an intelligent tutoring system. Poster was presented at the Mid-South Psychology Conference, Memphis, TN.

Han, L., Craig, S., **Williams, J.**, Hu, X. (2009). Implementing AutoTutor Lite in learning environments. Poster was presented at Society for Computers in Psychology, Boston, MA.

## **Awards**

Presidential Fellow at Princeton University, 2015

Summer Institute in Cognitive Neuroscience Fellow, Squaw Valley, 2013

Summer Institute in Cognitive Neuroscience Fellow, Santa Barbara, 2012

2nd place winner for Works in Progress Symposium at the University of Memphis 2011  
in education

## **Skills**

Programming languages: MATLAB, Bash, Python

Platforms: Macintosh, Windows, Unix (Linux, Ubuntu)

Neuroscience: fMRI, EEG, Electrophysiology

Languages: English