

Andrew Jahn
January 2018

PROFESSIONAL EXPERIENCE

Postdoctoral Fellow

2015-present Haskins Laboratories, Yale University

Neuroimaging Consultant

2017-present UC Irvine
2016-2017 University of Antwerp
2015-2017 University of Illinois at Urbana-Champaign
2014 McLean Hospital, Harvard Medical School
2014 Ohio State University
2013 Michigan State University
2012-present fMRI private instructor: Teaching and data analysis consultation via Skype for graduate students and researchers

Research Assistant

2008-2010 Ohio State University

EDUCATION

2015 Ph.D., Cognitive Neuroscience: Indiana University
2008 B.A., Psychology: Carleton College

PUBLICATIONS

1. Rajesh A, Cooke GE, Monti JM, **Jahn A**, Daugherty AM, Kramer AF (2017) Differences in brain architecture in remote mild traumatic brain injury. *J Neurotrauma* 34: 3280-3287
2. **Jahn A**, Nee DE, Alexander WH, Brown JW (2016) Distinct regions in medial prefrontal cortex process pain and cognition. *J Neurosci* 36:12385-92
3. de Mendizabal NV, Jones DR, **Jahn A**, Bies RR, Brown JW (2015). Nicotine and cotinine exposure from electronic cigarettes: A population approach. *Clinical Pharmacokinetics* 54: 615-626
4. **Jahn A**, Nee DE, Alexander WH, Brown JW (2014) Distinct regions of anterior cingulate cortex signal prediction and outcome evaluation. *Neuroimage* 95:80-89
5. Nee DE, **Jahn A**, Brown JW (2014) Prefrontal Cortex Organization: Dissociating Effects of Temporal Abstraction, Relational Abstraction, and Integration with fMRI. *Cerebral Cortex* 24:2377-87

6. **Jahn A**, Nee DE, Brown JW (2011) The neural basis of predicting the outcomes of imagined actions. *Frontiers in Decision Neuroscience* 5:128
7. Cunningham WA, Johnsen IR, **Jahn A** (2011) Attitudes. In J. Decety & J. Cacioppo (Eds.), *The Handbook of Social Neuroscience*. Oxford, UK: Oxford University Press
8. Mowrer SM, **Jahn A**, Cunningham WA, Abduljalil AM (2011) The value of success: Acquiring gains, avoiding losses, and simply being successful. *PLoS One* 6:9
9. Cunningham WA, Arbuckle NL, **Jahn A**, Mowrer SM, Abduljalil AM (2010) Aspects of neuroticism and the amygdala: Chronic tuning from motivational styles. *Neuropsychologia* 49:657-662
10. **Jahn A**, Matsuki K, Molfese PJ, Van Dyke JA (under revision at *JEP: General*) Individual differences in white matter tractography: A random forests analysis
11. Johns CL, **Jahn A**, Jones HR, Kush D, Molfese PJ, Van Dyke JA, Magnuson JS, Tabor W, Mencl WE, Shankweiler DP, Braze D (under revision at *Brain and Language*). Performance differences on reading skill measures are related to differences in cortical grey matter structure in young adults

PRESENTATIONS

Invited Talks

- 2017 **Jahn A**. Distinct regions within medial prefrontal cortex process pain and cognition. National Institutes of Health, Bethesda MD
- 2013 **Jahn A**. Empirical comparison of computational models of mPFC function. University of Rochester, Rochester NY

Posters

- 2017 **Jahn A**, Kush D, Lewis A, Van Dyke J. Prediction-related activity in the medial prefrontal cortex reflects processing of cataphor cues. *Annual Meeting of Society for the Neurobiology of Language*, Baltimore MD
- 2016 **Jahn A**, Nee DE, Alexander WH, Brown JW. Distinct regions within medial prefrontal cortex process pain and cognition. *Annual Meeting of The Society for Neuroscience*, San Diego CA
- 2015 **Jahn A**, Jones H, Johns CL, Kush D, Bontrager ML, Frost SJ, Van Dyke JA. Neural basis of conflict resolution in encoding and retrieval interference. *Annual Meeting of Society for Neurobiology of Language*, Chicago IL
- 2014 **Jahn A**, Strait C, Brown JW, Hayden B. Testing computational models of anterior cingulate cortex with monkey neurons. *Annual Meeting of The Society for Neuroscience*, Washington D.C.

- 2014 **Jahn A**, Nee DE, Alexander WH, Brown JW. Medial prefrontal cortex signals prediction errors across multiple domains of pain and cognitive control. *Annual Meeting of The Society for Neuroscience*, Washington D.C.
- 2013 **Jahn A**, Nee DE, Alexander W, Brown JW. Distinct regions of anterior cingulate cortex signal prediction and outcome. *Annual Meeting of The Society for Neuroscience*, San Diego CA
- 2013 **Jahn A**, Nee DE, Alexander W, Brown JW. Pain, congruency, and surprise: Prediction violation across domains in the anterior cingulate cortex. *Annual Meeting Cognitive Neuroscience Society*, San Francisco CA
- 2012 **Jahn A**, Nee DE, Alexander W, Brown JW. Distinct regions of anterior cingulate cortex signal prediction and outcome evaluation. *Annual Meeting of The Cognitive Neuroscience Society*, Chicago IL
- 2011 **Jahn A**, Nee DE, Brown JW. The neural basis of predicting the outcomes of planned actions. *The Annual Meeting of The Society for Neuroscience*, Washington D.C.
- 2010 Mowrer SM, **Jahn A**, Cunningham WA, Abduljalil AM. Separable effects of stimulus and outcome and their interaction. *Annual Meeting of Social and Affective Neuroscience*, Chicago IL

TEACHING

Online

- 2012 - Present Creator of Andy's Brain Blog (www.andysbrainblog.com)
- YouTube tutorials for: fMRI data analysis in AFNI, SPM, and FSL; computational modeling; statistics; FreeSurfer; experimental design with E-Prime
 - Viewership as of January 1st, 2018: 4,000 subscribers, 1 million views

Workshops (Primary Instructor)

- 2018 *Introduction to FSL*. University of Massachusetts Amherst (Scheduled June 2018)
- 2017 *Introduction to FreeSurfer*. Haskins Laboratories
- 2016 *Advanced connectivity analysis with AFNI*. Yale University
- 2014 *Introduction to FSL*. Indiana University
- 2013 *Single-subject analysis with AFNI*. University of Rochester

Primary Instructor

- 2013-2015 *Introductory Statistics*. Indiana University
- 2013-2015 *Introductory Psychology*. Indiana University

Lab Instructor

- 2012 *Methods of Experimental Psychology*. Indiana University
- 2011 *Introduction to Neuroimaging Methods*. Indiana University

PROFESSIONAL SKILLS

Neuroimaging Software	AFNI, SPM, FSL, FreeSurfer, TORTOISE
Statistical Software	Matlab, R, SPSS
Stimulus Presentation	E-Prime, Presentation, PsychoPy
Programming Languages	Python, AWK, C
Image and Video Editing	Adobe Photoshop, Premiere Pro, Camtasia

PROFESSIONAL SERVICE

Ad hoc reviewer

Neuroimage
Cognitive, Affective, and Behavioral Neuroscience
Frontiers in Human Neuroscience
Journal of Cognitive Neuroscience

MEMBERSHIPS

Cognitive Neuroscience Society
Society for Neuroscience