

BRANDON MOORE

Vanderbilt University, Wilson Hall #515
<http://insalubrio.us> ◊ brandon.moore@vanderbilt.edu

EDUCATION

- Vanderbilt University** *Expected 2018*
Ph.D candidate, Neuroscience
Advisor: Vivien Casagrande
- Tufts University Medical School** *February 2012*
M.P.H., Epidemiology and Biostatistics
Thesis: "Assessment and recommendations concerning AANE's Life Management Assistance Program"
- Massachusetts Institute of Technology** *June 2009*
B.S., Brain and Cognitive Sciences

RESEARCH INTERESTS

Primate visual perception, pulvino-cortical projections, neural circuitry, computational models

AWARDS/HONORS

- Vanderbilt Kennedy Center Travel Award, 2016
SfN Neuroscience Scholars Program Associate, 2014
Fine Science Tool SfN Travel Award, 2013
Vanderbilt Graduate Student Travel Award, 2013/2014/2015

PUBLICATIONS

- Maier A, Cox MA, Dougherty K, **Moore B**, Leopold DA. (2014).
Anisotropy of ongoing neural activity in primate visual cortex.
Eye and Brain 6:113-120.
- Livingstone MS, Pettine WW, Srihasam K, **Moore B**, Morocz IA, Lee D. (2014).
Symbol addition by monkeys provides evidence for normalized quantity coding.
Proc Natl Acad Sci U S A 111(18):6822-7.

CONFERENCE PRESENTATIONS

- Moore B**, Boyd JD, Roy OP, Mavity-Hudson JA, Casagrande VA. (2016).
Does the dorsal medial visual area represent a unique target of the koniocellular pathway? SfN.
- Moore B**, Li K, Mavity-Hudson JA, Casagrande VA. (2015).
A comparison of the synaptic input to visual areas V1 and V2 from primate pulvinar. SfN.
- Moore B**, Cox MA, Dougherty K, Young MS, Maier A. (2014).
Resting state correlations in visual cortex reflect fluctuations of cortical arousal. SfN.
- Moore B**, Cox MA, Dougherty K, Young MS, Maier A. (2013).
Laminar profile of state-dependent visually evoked responses in primate visual cortex. SfN.
- Cox MA, **Moore B**, Dougherty K, Young MS, Maier A. (2013).
LFP coherence as a function of laminar depth and lateral distances in macaque visual cortex. SfN.
- Moore B**, Chen M, Lu H, Roe A. (2013).
Functional architecture of the foveal confluence in macaque visual cortex. VSS.

PROFESSIONAL AFFILIATIONS

Vision Sciences Society 2012 — Present
Society for Neuroscience 2013 — Present

TEACHING

Vanderbilt University (Teaching Assistant)

Neuroanatomy Fall 2013

MIT Educational Studies Program (Instructor)

AP Psychology 2010 — 2011, 2008 — 2009
Sensation and Perception Summer 2009

PROFESSIONAL EXPERIENCE

Livingstone Lab (Harvard), *Research Assistant* 2011 — 2012
Sinha Lab (MIT), *Research Assistant* 2007 — 2011
Raytheon, *Software Tools Intern* Summer 2005
The Computer Hospital, *Computer and Printer Repair Technician* 2003 — 2004

SERVICE

Vanderbilt Neuroscience Student Organization, *Academic Officer* 2015 — 2016
MIT EMS, *Emergency Medical Technician* 2006 — 2009
MIT Medlinks, *Medical Liaison* 2005 — 2009

TECHNICAL SKILLS

Coding C, C++, Common Lisp, Fortran, Haskell, HTML, Java, Matlab scripting, Perl, PHP, Processing, Python, R, Scheme, SQL, Unix shell scripting

Applications Adobe Creative Suite, E-Prime, Git, L^AT_EX, Mathematica, Matlab, SAS, SPSS, SVN, Microsoft Office and other common productivity packages for Windows and Linux platforms

Systems Microsoft Windows, Mac OS X, GNU/Linux and UNIX variants