

BRANDON MOORE

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

EDUCATION

- Vanderbilt University** *Expected 2019*
Ph.D candidate, Neuroscience
Advisor: Jon Kaas
- 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, 2016/2017
SfN Neuroscience Scholars Program Associate, 2014
Fine Science Tool SfN Travel Award, 2013
Vanderbilt Graduate Student Travel Award, 2013/2014/2015

PUBLICATIONS

- Cox MA, Dougherty K, Adams GK, Reavis EA, Westerberg JA, **Moore B**, Leopold DA, Maier A. (2017) Spiking suppression precedes cued attentional enhancement of neural responses in primary visual cortex. *Cerebral Cortex* (In press).
- 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**, Boal A, Mavity-Hudson JA, Liao C, Kaas JH, Casagrande VA (2017). Cortical projections to the two retinotopic maps of primate pulvinar are distinct. SfN.
- 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