

## Curriculum Vitae

Mike F Schmidt  
 260 Park Ave  
 North Caldwell, NJ 07006  
 mike@mfs.ms  
 (801) 403-5474

---

EDUCATION

2010-2016	University of Mississippi Medical Center, Jackson, MS PhD in Neuroscience
2009	Holmes Community College, Ridgeland, MS Core Science Review
1995-1999	University of Utah, Salt Lake City, UT BS Computer Science, Exercise Physiology
1993-1995	Snow College, Ephraim, UT AS: Computer Science, Psychology

RESEARCH EXPERIENCE

2011-...	The role of the hippocampus in aging and disease, ARIC/GENOA/GMBI studies Advisor and PI: Thomas Mosley, PhD – University of Mississippi Medical Center
2012-...	EEG Measures of working memory and volition Advisor and PI: Melissa Lea, PhD – Millsaps College
2011-2012	Human fetal development of white matter tracts by MRI Advisor and PI: Judy James, PhD – University of Mississippi Medical Center
2010	REM sleep deprivation and hippocampal windows of plasticity Advisor and PI: Jim Shaffery, D.Phil – University of Mississippi Medical Center
2009-2010	Drug discrimination in rats Drug self-administration reward in rhesus macaques Advisor and PI: William Woolverton, PhD - University of Mississippi Medical Center

HONORS AND AWARDS

2010-2016	Dean's Scholarship and graduate student stipend
2015	1 <sup>st</sup> place oral presentation, Philosophy Division, MAS Annual Meeting 2 <sup>nd</sup> place oral presentation, Health Sciences Division, MAS Annual Meeting 3 <sup>rd</sup> place poster, INBRE Graduate Scholars Symposium
2014	Winner "Best Presentation", UMMC Imaging Research Conference
2013	Winner "Best Poster", UMMC Graduate School Research Day
2010	Ike Ho Dean's Award for outstanding achievement by an incoming graduate student

TEACHING EXPERIENCE

2012-2015	Advanced Medical Neurobiology Teaching Assistant, UMMC School of Medicine
2014	Aging and dementia senior seminars, Millsaps College
2014	Scalp Electrophysiology and Readiness Potentials Undergraduate mentor, Millsaps College
2013	Guest Lecturer, "Neuroanatomy of Emotion" Millsaps College (Psychology)
2012	Guest Lecturer, "Neurophilosophy" Millsaps College (Neuroscience)
2011	Interpreting Scientific Results UMMC Graduate Program in Neuroscience
2011	The Extended Mind: Supplementing Cognition UMMC Summer Scholar's Program

WORK EXPERIENCE

2000-2002	Incognito Entertainment Software engineer, network admin, toolchain admin - War of the Monsters: UI design and implementation - Twisted Metal Black: Compression/decompression and disk mastering
1999-2000	Advanta Financial Corporation Data analyst, capacity planning, scheduling
1997-1999	Advanta Bank Corp Computer operations, database administration, technical support

MEMBERSHIP IN ORGANIZATIONS

2015-...	Cognitive Neuroscience Society
2014-...	Free Software Foundation
2013-...	Mississippi Academy of Sciences 2015: Chair, Philosophy and History of Science Division
2010-...	Society for Neuroscience (National and local chapter) 2014-2016 elected student representative for MS Chapter
2009-...	National Center for Science Education
2008-...	American Association for the Advancement of Science
2008-...	Association for Computing Machinery

SERVICE AND OUTREACH

2015	Neuroscience team leader, Discovery U at the Mississippi Children's Museum
2015	Coordinator, Brain Awareness Week
2012	Participant, Brain Awareness Week

PEER REVIEWED PUBLICATIONS

1. Associations between serum inflammatory markers and hippocampal volume. [In press, Journal of the American Geriatrics Society]
2. A comparison of manual and automated methods of calculating hippocampal volume measurements over the adult lifespan. [Submitted]
3. Hippocampal volume is associated with verbal memory performance in older, but not younger, adults. [in preparation]

OTHER PUBLICATIONS

1. Schmidt MF. Genomic Medicine: Putting Our Tools to Use. Science Vol 331. 18 March 2011. 1387

INVITED TALKS

1. UMMC Psychiatry Grand Rounds. Digging into the hippocampus: cognitive structure-function relationships. 2/21/2014
2. The MIND Center Board Meeting. What shape is your hippocampus? 3/18/2013

CONFERENCE TALKS

1. Schmidt MF. Emergentism is more than seeing the forest for the trees. (Mississippi Academy of Sciences Annual Meeting, 2016)
2. Schmidt MF, Griswold ME, Freeman KB, Mosley TH. Hippocampal volume is associated with verbal memory performance in older, but not younger adults. (Mississippi Academy of Sciences Annual Meeting, 2015) – 2<sup>nd</sup> place oral presentation, Health Sciences Division
3. Nemati N, Schmidt MF. Seeing is believing; it's intuitively obvious. (Mississippi Academy of Sciences Annual Meeting, 2015) – 1<sup>st</sup> place oral presentation, Philosophy Division

ABSTRACTS AND POSTERS

1. Schmidt MF, Freeman KB, Windham BG, Griswold ME, Mosley, TH. Associations between serum inflammatory markers and hippocampal volume in a community sample. (UMMC Program in Neuroscience Research Day, 2015)
2. Mbenza N, Cason J, Vomberg, H, Lea MA, Schmidt MF. EEG Research on a budget. (UMMC Program in Neuroscience Research Day, 2015)
3. Schmidt MF, Griswold ME, Freeman KB, Mosley TH. Hippocampal volume is associated with verbal memory performance in older, but not younger adults. (Society for Neuroscience Annual Meeting, 2014)
4. Schmidt MF, Storrs JM, Freeman KB, Mosley TH. A comparison of manual and automated methods of generating hippocampal volume measurements. (Society for Neuroscience Annual Meeting, 2013)
5. Hooker JD, Khan M, Schmidt MF, Bofill J, May W, James JR. Maturation of the In-Utero Fetal Brain Mapped by DTI. (American Roentgen Ray Society Annual Meeting, 2013)
6. Schmidt MF, Freeman KB, Windham BG, Wang W, Griswold ME, Mosley TH. Inflammatory markers and hippocampal volume: findings from the Genetics of Microangiopathic Brain Injury study. (Society for Neuroscience Annual Meeting, 2012)
7. Schmidt, MF, Sanipureddy, P, Shaffery, JP. Automation of Three-Stage Sleep Scoring in Rats. (Society for Neuroscience, Mississippi Chapter, Neuroscience Research Day, 2011)