CURRICULUM VITAE

NAME

Michael D. Greicius, M.D., M.P.H.

COUNTRY OF CITIZENSHIP

United States of America

EDUCATION

Amherst College 1987-1991, B.A. French and European Studies

Columbia University School of Public Health 1992-1996, M.P.H

Columbia University College of Physicians & Surgeons 1992-1996, M.D.

TRAINING

Columbia Presbyterian Medical Center, New York, NY
Medical Intern, July 1996-June 1997
Preliminary year in internal medicine.

Partners Health Care, Boston, MA
Neurology Resident, July 1997-June 2000
Three-year program at Massachusetts General and Brigham and Women's Hospitals.

Stanford University Medical Center, Stanford, CA
Postdoctoral Fellow, NIMH T32 Training Grant, July 2000-June 2003
Three year fellowship in functional neuroimaging.

UCSF Memory and Aging Center, San Franciscso, CA
Clinical Fellow, August 2000-July 2002
Two year fellowship in behavioral neurology.

PROFESSIONAL EXPERIENCE

Stanford University Medical Center, Stanford, CA
Stanford Memory Clinic
Medical Director, July 2002-Present

Stanford University Medical Center, Stanford, CA
Department of Neurology and Neurological Sciences
Instructor, July 2003-July 2007

Stanford University Medical Center, Stanford, CA

Department of Neurology and Neurological Sciences
Acting Assistant Professor, August 2007-August 2008

Stanford University Medical Center, Stanford, CA
Department of Neurology and Neurological Sciences
Assistant Professor (tenure-track), August 2008-Present

HONORS AND AWARDS

1991 Cum Laude graduate, Amherst College

1996 Alpha Omega Alpha Society, Columbia University College of Physicians & Surgeons

2004 New Perspectives in fMRI Research Award, *Journal of Cognitive Neuroscience*

2008-2009 Stanford Neurology Clerkship Teaching Award

2011 ISMRM Outstanding Teacher Award in an Annual Meeting Educational Course

2011-2012 Stanford Neurology Clerkship Teaching Award

LICENSURE AND CERTIFICATION

United States Medical Licensing Examinations 1995-96

Massachusetts Medical License 1999-2000

California Medical License 2001

Adult Neurology Board Certification 2003

Behavioral Neurology and Neuropsychiatry Subspecialty Certification 2012

TEACHING EXPERIENCE

Teaching

Harvard Medical School, Human Nervous System and Behavior Course, Fall 1998
Neuoranatomy lab instructor and seminar lecturer.

Harvard Medical School, Human Nervous System and Behavior Course, Fall 1999
Neuroanatomy lab instructor, seminar lecturer, and examiner for oral exams.

Stanford University, Stanford Memory Clinic, July 2003-present
Teaching clinic for medical students, neurology residents, and psychiatry residents.

Stanford University, Resident Training Didactics, July 2003-present
Lectures on neuroanatomy, behavioral neurology for psychiatry and neurology residents.

Stanford University, Stanford Immersion in Medicine Series (SIMS), September 2008-present
Weekly clinic mentor to Stanford undergraduates interested in pursuing a medical career.

Stanford University, NENS 205, Neurobiology of Disease 2007-present (every other year)
Instructor for classes on Alzheimer's Disease

Stanford University, NENS 206, Introduction to Neurology Seminar 2010-present
Instructor for class on behavioral neurology

Stanford University, NENS 267, Molecular Mechanisms of Neurodegenerative Disease 2006-present (every other year)
Instructor for classes on Alzheimer's Disease

Mentoring

Nirav Kamdar	predoctoral fellow	2006-2007
Elena Rykhlevskaia	postdoctoral fellow	2007-2009
Jeske Damoiseaux	postdoctoral fellow	2008-2013
Matt White	postdoctoral fellow	2008-2010
Aria Jafari	predoctoral fellow	2009-2011
Chris Hemond	predoctoral fellow	2010-2011
Leo Ungar	predoctoral fellow	2011-2012
Kathleen Poston	junior faculty mentee	2009-present
Anna Milazzo	postdoctoral fellow	2011-present
Andre Altmann	postdoctoral fellow	2012-present
Richard Joseph	predoctoral fellow	2012-present
Jonas Richiari	postdoctoral fellow	2012-present

Thesis Committee

Kaustubh Supekar	graduate student/Biomedical Informatics	2008-2010
Jordan Nechvatal	graduate student/Neuroscience	2010-present
Wenjun Li	extramural graduate student/Biophysics	2010-2012
Jacob Rinaldi	graduate student/Neuroscience	2012
Jingyuan Chen	graduate student/Electrical Engineering	2013-present

K Award Consultant

Kathleen Poston	junior faculty/Neurology	2010-present
Kevin Johnson	postdoctoral fellow/Anesthesiology	2010-present
Lucina Uddin	instructor/Psychiatry	2010-present

UNIVERSITY SERVICE

Stanford Initiative on Alzheimer's Disease**,** 2004-2008
Co-director of this interdisciplinary working group of the Neuroscience Institute at Stanford. SIAD sponsored monthly seminars and fostered collaborations within Stanford and between Stanford researchers and colleagues in academia and industry.

Symposium on Ethical Challenges in Predicting Alzheimer's Disease**,** May 2006

Co-chairman of this daylong symposium which convened a group of national experts to explore the ethical issues related to predictive neuroimaging tests in Alzheimer's disease.

Living Longer, Living Well Series, Stanford Geriatric Health Services, May 2006
Featured speaker for this community outreach series sponsored by Geriatric Health Services and the Stanford Health Library.

Medical School Admissions (MeSA), December 2008-2010
Application reviewer and interviewer of medical school candidates.

Advances in Resting-State fMRI Symposium June 2008
Organized and hosted this satellite symposium to the Human Brain Mapping Conference. Held at Stanford and attended by more than 200 researchers from around the world

Department of Neurology Annual Breakthroughs Conference 2009-present

Faculty Search Committees
Memory disorders specialist 2009
Obsessive compulsive disorder specialist 2009-present

Personal Genotyping Taskforce 2010
Faculty and student task force to guide design of a genetics course involving students studying their own genotypes

Advisory Board, Center for Neurobiological Imaging (CNI) June 2011-present

Faculty Advisor, Stanford Center on Longevity September 2012-present

Advisory Board, Stanford Center on Health Research on Women and Sex Differences 2012-present

Stanford Geriatric Education Center, Webinar series presenter, 2013

FEDERAL GOVERNMENT SERVICE

National Institutes of Health, Ad hoc panel member for Cognition and Neurotoxicology; Learning, Cognition, and Audition; Brain Disorders and Clinical Neuroscience; Clinical Neuroscience and Neurodegeneration; Neurological Sciences and Disorders; and the Fogarty International Research Collaborative Award, 2008-present

National Science Foundation, Ad hoc grant reviewer, 2009-present

ADNI GO MRI Sub-specialty Advisory Panel on Resting State, 2010-Present

National Institute on Aging Advisory Panel "Advancing Alzheimer's Disease Preclinical Therapy Development", October 2010

National Institute of Mental Health RDoC Workshop, June 2012

PROFESSIONAL AFFILIATIONS & SERVICE

Medical and Scientific Advisory Council for the Alzheimer's Association of Northern California & Northern Nevada, Council Member

Alzheimer's Association, Grant reviewer

American Academy of Neurology (AAN), Member 2005-present

AAN Behavioral Neurology Section, Section Member 2011-present

Organization of Human Brain Mapping, Member

Organization of Human Brain Mapping, Local Organizing Committee for 2008 meeting

Society for Behavioral and Cognitive Neurology, Member

American Neurological Association (ANA), Member 2013-present

Ad hoc reviewer, *Proceedings of the National Academy of Sciences, Science, Nature Reviews Neuroscience, Neurology, Neuron, Archives of General Psychiatry, Brain, Journal of Neuroscience, Neuroimage, Neurobiology of Disease, Trends in Cognitive Sciences, Journal Watch Neurology, Consciousness and Cognition, Cortex, Hippocampus, Neuropsychologia, Epilepsia, Magnetic Resonance in Medicine, Biological Psychiatry, Organization for Human Brain Mapping*

Guest Editor, *Neuroimage* Special Issue on Brain Connectivity 2011-2012

OHBM Conference 2012, Session Chair, Resting State Networks

AAN Conference 2012, Session Co-Chair, Aging and Dementia Imaging

Alzheimer's Association International Conference, 2012, Session Co-Chair, Features of Structural and Functional Connectivity in Normal Aging

INVITED PRESENTATIONS

The Northern California Neuropsychology Forum, October, 2003
"Could This Patient Have Something Other Than Alzheimer's Disease"

Santa Clara Valley Medical Center Neurosciences Grand Rounds, March, 2004
"Diagnostic Tests in Alzheimer's Disease"

Dartmouth Summer Workshop in fMRI Informatics, July, 2004
"Resting-State Functional Connectivity: Overview and Clinical Applications"

O'Connor Hospital Medical Grand Rounds, October 2004
"Mild Cognitive Impairment and Early Detection of Alzheimer's Disease"

McLean Hospital Neuroscience Rounds, May, 2005
"Resting-State Functional Connectivity: Overview and Clinical Applications"

Organization for Human Brain Mapping Conference, Morning Workshop June 2005
"Resting-State Correlations and the Default-Mode Hypothesis"

International Conference on Prevention of Dementia**,** June 2005
"Resting-State fMRI Distinguishes Alzheimer's Disease from Healthy Aging and Non-Alzheimer's Dementia"

VU Medical Center Neuroimaging Seminar, Amsterdam, Holland, September 2005
"Resting State Neural Networks and Neuropsychiatric Disorders: Each Informs the Other"

UC Davis Center for Mind and Brain Research Seminar, October 2005
"Resting-State Functional Connectivity: Principles and Clinical Applications"

Workshop on Translational Biomarkers in AD Drug Discovery, November 2005
"Predicting and Monitoring Alzheimer's Disease with Resting-State fMRI"

San Francisco Neurological Society Annual Meeting, March 2006
"Alzheimer's Disease: Promising Biomarkers and Treatments"

Northern California Alzheimer's Disease Consortium, May 2006
"Resting State Networks and Neuropsychiatric Disorders: Each Informs the Other"

Berlin Neuroimaging Center, June 2006
"Resting-State Functional Connectivity: Principles and Clinical Applications"

The Parkinson's Institute Seminar Series, October 2006
"Resting-State Functional Connectivity: Principles and Clinical Applications"

American Academy of Neurology Meeting, April 2007
"Reduced Default-Mode Network Connectivity in Patients with Mild Cognitive Impairment"

Organization for Human Brain Mapping Conference, Selected Abstract, June 2007
"Functional Connectivity Reflects Structural Connectivity in a Human Memory Network"

Organization for Human Brain Mapping Conference, Morning Workshop, June 2007
"Single-Subject Clinical Brain Mapping in Neuropsychiatric Disorders: Alzheimer's Disease"

UCLA Advanced Neuroimaging Summer School, August 2007
"Resting-State Functional Connectivity: Principles and Clinical Applications"

Symposium on Highfield MR in Clinical Applications, Bonn, Germany, September 2007

"Resting-State Functional Connectivity: Principles and Clinical Applications"

Cyclotron Research Center Seminar Series, Liege, Belgium, September 2007
"Resting-State Functional Connectivity: Principles and Clinical Applications"

Oregon Health Sciences University, Neurology Grand Rounds, January 2008
"Resting-State Functional Connectivity: Principles and Clinical Applications"

Cambridge University, MRC-CBU Chaucer Club Seminar, September 2008
"Resting-State Functional Connectivity: Principles and Applications in Cognitive Neuroscience"

Oxford University, Autumn School in Cognitive Neuroscience, September 2008
"Applications of Resting-State Networks in Clinical and Non-Clinical Studies"

National Institutes of Health, Neuroimaging in Obesity Research, October 2008
"Neuroimaging of Intrinsic Connectivity"

Genentech, Exploratory Clinical Development Group, June 2009
"Resting-State Functional Connectivity: Principles and Clinical Applications"

Coma and Consciousness Symposium (Satellite of the ASSC Meeting in Berlin), June 2009
"The Brain's Default State and Intrinsic Functional Connectivity"

NeuroSpin, Monday Neuroscience Seminar, June 2009
"Resting-State Functional Connectivity: Principles and Clinical Applications"

UCLA Neurology Grand Rounds, December 2009
"Mapping Functional Brain Networks with Resting-State fMRI: Principles and Potential Applications"

Northwestern University Neurology Grand Rounds, February 2010
"Imaging the Brain's Intrinsic Connectivity Networks: Principles and (Potential) Clinical Applications"

Integrated Brain Imaging Center, University of Washington, March 2010
"Imaging the Brain's Intrinsic Connectivity Networks: Principles and (Potential) Clinical Applications"

American Academy of Neurology Future of Neuroscience Conference, April 2010
"Imaging Brain Networks: Merging Structural and Functional MRI"

Vanderbilt University Psychiatry Grand Rounds, May 2010
"Resting-state fMRI: Principles and Potential Clinical Applications"

Organization for Human Brain Mapping Conference, Morning Workshop, June 2010
"Gene Function Meets Brain Function"

ICAD, Plenary Speaker in the Alzheimer's Imaging Consortium, July 2010
"Resting Networks and Neurodegenerative Disorders: The Way Forward"

American Neurological Association Neurobiology of Disease Symposium, September 2010
"Multimodal Approaches to Understanding the Brain Network Targeted by Alzheimer's Disease"

International Conference on Resting-State Functional Brain Connectivity, September 2010
"Intrinsic Connectivity Networks in Continuous Subject-Driven States: Potential Applications in Neuropsychiatric Disorders"

National Institute on Drug Abuse, Mini-Convention, November 2010
"Delineating Intrinsic Connectivity Networks for Emotional Salience Processing and Executive Control"

Cedars-Sinai Medical Center Neurology Grand Rounds, January 2011
"Imaging the Brain's Intrinsic Connectivity Networks: Principles and (Potential) Clinical Applications"

American Academy of Neurology Annual Meeting, Clinical Issues Plenary Session, April 2011
"Resting-State fMRI in the Differential Diagnosis of Dementia"

The New York Academy of Sciences, Biology of Apolipoprotein E Conference, May 2011
"Tracking ApoE Effects from Genotype and Gene Expression to Brain Networks and Behavior"

ISMRM Annual Meeting, Functional Connectivity Educational Course, May 2011
"What is the State of the Field?"

ISMRM Annual Meeting, Plenary Session, May 2011
"Resting Functional Connectivity: Potential as a Clinical Marker in Individual Patients"

UCLA Advanced Neuroimaging Summer School, July 2011
"Resting-State Functional Connectivity: Principles and Clinical Applications"

UCSF/VA Structural and Functional Connectivity in Neurodegenerative Diseases, June 2012
"Resting-State fMRI: Potential Clinical Applications"

UCLA Advanced Neuroimaging Summer School, July 2012
"Resting-State Functional Connectivity: Principles and Clinical Applications"

American Neurological Association Annual Meeting, October 2012
"Resting-State fMRI as a Biomarker for Alzheimer's Disease"

New Horizons in Human Brain Imaging, March 2013
"Imaging Insights into the Interaction between ApoE and Gender"

RESEARCH SUPPORT

Current Research Support

Michael J. Fox Foundation for Parkinson's Disease (PI: Poston) 1/1/12-12/31/13
"Defining Cognitive Phenotypes of Parkinson's Disease"

The main goal of this grant is to develop imaging markers of cognitive decline in Parkinson's disease.

1R01 MH091342 (PI: O'Hara/Etkin) 6/10/11-4/30/16
"Neurocircuitry of Emotion: Distinguishing Late Life Anxiety and Depression"

The main goal of this grant is to develop fMRI measures that distinguish primary depression from primary anxiety in older patients.

1R01 NS073498 (PI: Greicius) 6/15/10-6/30/15
"Development of Resting-State fMRI as a Biomarker for Alzheimer's Disease"

The aim of this grant is to refine a candidate imaging biomarker for diagnosing Alzheimer's disease.

Pending Research Support

P01 AT006651 (PI: Mackey) 1/1/13– 5/31/18
"Stanford CAM Center for Chronic Back Pain"

The main goal of this grant is to characterize the shared and distinct mechanisms of four alternative medicine interventions for chronic low back pain.

Completed Research Support

John Douglas French Alzheimer's Foundation (PI:Greicius) 3/1/10-6/1/12
"Development of Resting-State fMRI as a Marker of Treatment Efficacy in Alzheimer's Disease"

The aim of this grant is to develop an imaging biomarker that tracks with clinical status in Alzheimer's disease.

1RC1AT005733-01 (PI: Spiegel) 9/1/09-3/31/12
"Resting State Functional MRI Investigation of Hypnotic Trance and Mindfulness Meditation"

The aim of this grant is to determine the neural correlates of hypnosis using functional MRI.

Allen Institute for Brain Sciences (PI: Greicius**)** 8/1/10-7/31/11
"Exploring Gene Expression within and across Functional Brain Networks"

The main goal of this grant is to determine whether correlated gene expression across brain regions reflects functional connectivity across brain regions.

Dana Foundation (PI: Greicius) 8/1/08-7/31/11
"Resting-State fMRI: A Novel Approach to Understanding
Brain Dysfunction in Major Depression"

The main goal of this grant is to develop a functional connectivity MRI marker that can gauge and, ideally, predict response to treatment with anti-depressants.

Stanford Center on Longevity (PI: Greicius) 9/1/08-8/31/10
"Cognitive Effects of Disrupted Structural and Functional Connectivity in the Aging Brain"

The aim of this grant is to determine the sequential effects of white matter hyperintensities on structural connectivity on functional connectivity on cognitive performance in healthy aging.

K23 NS048302 (PI: Greicius) 12/15/04-11/30/09
"A Novel fMRI Biomarker of Incipient Alzheimer's Disease"

The main goal of this grant is to develop and apply a functional connectivity MRI protocol to predict which subjects with mild cognitive impairment will subsequently develop Alzheimer's Disease.

Alzheimer's Association New Investigator (PI: Greicius) 09/01/04-08/31/06
"A Novel fMRI Biomarker of Incipient Alzheimer's Disease"

The main goal of this grant is to develop and apply a functional connectivity MRI protocol to predict which subjects with mild cognitive impairment will subsequently develop Alzheimer's Disease.

Ruth K. Broad Biomedical Foundation Grant (PI: Allan Reiss, M.D.) 07/01/02-09/01/04

The main goal of this grant was to develop a functional connectivity MRI test that could serve as a diagnostic biomarker in Alzheimer's Disease. I authored the proposal with Dr. Reiss and served as a co-investigator on the study.

T32 MH19938-08 (PI: Alan Schatzberg, M.D.) 09/30/94 - 06/30/04
NIH/NIMH

My role on this training grant was to develop functional magnetic resonance imaging tools that could be applied to the diagnosis of neurologic and psychiatric disorders. I was a postdoctoral fellow on this grant for three years.

RESEARCH PUBLICATIONS

Greicius MD, Krasnow B, Boyett-Anderson JM, Eliez S, Schatzberg AF, Reiss AL, Menon V: Regional analysis of hippocampal activation during encoding and retrieval: An fMRI study. *Hippocampus* 13:164-174 (2003).

Greicius MD, Krasnow B, Reiss AL, Menon V: Functional connectivity in the resting brain: A network analysis of the default mode hypothesis. *Proc Natl Acad Sci* 100:253-258 (2003).

Krasnow B, Tamm L, **Greicius MD**, Yang TT, Glover GH, Reiss AL, Menon V: Comparison of fMRI activation at 1.5 T and 3T during perceptual, cognitive and affective processing. *Neuroimage* 18:813-26 (2003).

Mobbs D, **Greicius MD**, Abdel-Azim E, Menon V, Reiss AL: Humor modulates the mesolimbic reward centers. *Neuron* 40:1041-8 (2003).

Alireza A, Sherman S, Norman KA, Kirchhoff BA, Nicolas MM, **Greicius MD**, Cramer SC, Breiter HC, Hasselmo ME, Stern CE: Blockade of central cholinergic receptors impairs new learning and increases proactive interference in a word paired-associate memory task. *Beh Neurosci* 118:223-36 (2004).

Greicius MD, Srivastava S, Reiss AL, Menon V: Default-mode network activity distinguishes Alzheimer's disease from healthy aging: Evidence from fMRI. *Proc Natl Acad Sci* 101:4637-42 (2004).

Greicius MD, Boyett-Anderson JM, Menon V, Reiss AL: Reduced basal forebrain and hippocampal activation during memory encoding in girls with fragile X syndrome. *NeuroReport* 15:1579-83 (2004).

Greicius MD and Menon, V: Default-mode activity during a passive sensory task: Uncoupled from deactivation but impacting activation. *J Cogn Neurosci* 16:1484-92 (2004).

Karnik NS, D'Apuzzo **M, Greicius MD**: Non-fluent progressive aphasia, depression and OCD in a woman with progressive supranuclear palsy: Neuroanatomical and neuropathological correlations. *Neurocase* 12:332-8 (2006).

Seeley WW, Menon V, Schatzberg AF, Keller J, Glover GH, Kenna H, Reiss AL, **Greicius MD**: Dissociable intrinsic connectivity networks for salience processing and executive control. *J Neurosci* 27:2349-56 (2007).

Greicius MD, Flores BH, Menon V, Glover GH, Solvason HB, Kenna H, Reiss AL, Schatzberg AF: Resting-state functional connectivity in major depression: Abnormally increased contributions from subgenual cingulate cortex and thalamus. *Biol Psychiatry* 62:429-37 (2007).

Greicius MD, Kiviniemi V, Tervonen O, Vainionpää V, Alahuhta S, Reiss AL, Menon V: Persistent default-mode network connectivity during light sedation. *Hum Brain Mapp* 29:839-847 (2008).

Eckert MA, Kamdar NV, Chang CE, **Greicius MD**, Menon V: Seeing with your eyes closed: A crossmodal system linking auditory and visual cortex. *Hum Brain Mapp* 29:848-57 (2008).

Thomason ME, Chang CE, Glover GH, Gabrieli JDE, **Greicius MD**, Gotlib IH: Default-mode function and task-induced deactivation have overlapping brain substrates in children. *Neuroimage* 41:1493-1503 (2008).

Greicius MD, Supekar K, Menon V, Dougherty RF: Resting-state functional connectivity reflects structural connectivity in the default-mode network. *Cereb Cortex* 19:72-8 (Epub 2008).

Supekar K, Menon V, Ruben DL, Musen MA, **Greicius MD**: Network analysis of intrinsic functional brain connectivity in Alzheimer's disease. *PLoS Comput Biol* 4:e1000100 (2008).

Seeley WW, Crawford RK, Zhou J, Miller BL, **Greicius MD**: Human neurodegenerative syndromes target intrinsic functional brain networks. *Neuron* 62:42-52 (2009). **(Cover article).**

Habas C, Kamdar N, Nguyen D, Prater KE, Beckmann CF, Menon V, **Greicius MD**: Distinct cerebellar contributions to intrinsic connectivity networks. *J Neurosci* 29:8586-94 (2009).

Etkin A, Keller KE, Schatzberg AF, Menon V, **Greicius MD:** Disrupted amygdalar subregion functional connectivity and evidence for a compensatory network in generalized anxiety disorder. *Arch Gen Psychiatry* 66(12):1361-72 (2009).

Gonella MC, Fischbein NJ, Lane B, Shuer LM, **Greicius MD**: Episodic encephalopathy due to an occult spinal vascular malformation complicated by superficial siderosis. *Clin Neurol Neurosurg* 112(1):82-4 (2010).

Vanhaudenhuyse A, Noirhomme Q, Tshibanda L, Bruno MA, Boveroux P, Schnakers C, Soddu A, Perlbarg V, Ledoux D, Brichant JF, Moonen G, Maquet P, **Greicius MD**, Laureys S, Boly M: Default network connectivity reflects the level of consciousness in non-communicative brain damaged patients. *Brain* 133:161-71(2010).

Uddin L, Supekar K, Hitha A, Rykhlevskaia E, Nguyen D, **Greicius MD,** Menon V: Dissociable connectivity within human angular gyrus and intraparietal sulcus: Evidence from functional and structural connectivity. *Cereb Cortex* 20:2636-46(2010).

Zhou J, **Greicius MD**, Gennatas S, Growdon ME, Jang JY, Kramer JH, Weiner M, Miller BL Seeley WW: Divergent network connectivity changes in behavioral variant FTD and Alzheimer's disease. *Brain* 133:1352-67(2010).

Supekar K, Uddin LQ, Prater K, Amin H, **Greicius MD**, Menon V: Development of functional and structural connectivity within the default mode network in young children. *Neuroimage* 52:290-301(2010).

Boveroux, P, Vanhaudenhuyse A, Bruno MA, Noirhomme Q, Lauwick S, Luxen A, Degueldre C, Plenevaux A, Schnakers C, Phillips C, Brichant JF, Bonhomme V, Maquet P, **Greicius MD**, Laureys S, Boly M: Breakdown of within- and between-network resting state functional magnetic resonance imaging connectivity during propofol-induced loss of consciousness. *Anesthesiology* 113: 1038-1053 (2010).

Dastjerdi M, Foster BL, Nasrullah S, Rauschecker AM, Dougherty RF, Townsend J, Chang C, **Greicius MD**, Menon V, Kennedy D, Parvizi J: Differential electrophysiological response during rest, self-referential and non-self-referential tasks in human posteromedial cortex. *Proc Natl Acad Sci* 108:3023-8 (2011).

Mormino EC, Smiljic A, Hayenga AO, Onami S, **Greicius MD**, Rabinovici GD, Janabi M, Baker SL, Yen I, Madison CM, Miller BL, Jagust WJ: Relationships between beta-amyloid and functional connectivity in different components of the default mode network in aging. *Cereb Cortex* 21:2399-407(2011).

Shirer WR, Ryali S, Rykhlevskaia E, Menon V, **Greicius MD**: Decoding subject-driven cognitive states with whole-brain connectivity patterns. *Cereb Cortex* 22(1):158-65(2012).
Damoiseaux JS, Prater K, Miller BL, **Greicius MD**: Functional connectivity tracks clinical deterioration in Alzheimer's disease. *Neurobiol Aging* 33:828.e19-30(2012).

Damoiseaux JS, Prater K, Miller BL, **Greicius MD**: Functional connectivity tracks clinical deterioration in Alzheimer's disease. *Neurobiol Aging* 33:828.e19-30(2012).

Fox MD, Buckner RL, White MP, **Greicius MD**, Pascual-Leone A: Efficacy of TMS targets for depression is related to intrinsic functional connectivity with the subgenual cingulate. *Biol Psych*, In Press.

Damoiseaux JS, Seeley WW, Zhou J, Shirer WR, Coppola G, Karydas A, Rosen HJ, Miller BL, Kramer JH, **Greicius MD**; Alzheimer's Disease Neuroimaging Initiative**:** Gender modulates the *APOE* ε4 effect in healthy older controls: Convergent evidence from functional brain connectivity and spinal fluid tau levels. *J Neurosci*, 32:8254-62(2012).

Johnson DY, Dunkelberger DL, Henry M, Haman A, **Greicius MD**, Wong K, DeArmond SJ, Miller BL, Gorno-Tempini ML, Geschwind MD: Sporadic Jakob-Creutzfeldt disease (sCJD) presenting as primary progressive aphasia (PPA). *Arch Neurol*, In Press.

Lehmann M, Ghosh P, Madison C, Laforce R, Corbetta-Rastelli C, Weiner MW, **Greicius MD**, Seeley WW, Gorno-Tempini ML, Rosen HJ, Miller BL, Jagust WJ, Rabinovici GD: Diverging patterns of amyloid deposition and hypometabolism in clinical variants of probable Alzheimer¹s disease. *Brain*, In Press.

Hall SS, Jiang H, Reiss AL, **Greicius MD**: Identifying large-scale brain networks in fragile X syndrome. *JAMA Psychiatry*, In Press.

White MP, Shirer WR, Maria Molfino MJ, Tenison C, Damoiseaux JS, **Greicius MD**: Disordered reward processing and functional connectivity in trichotillomania: A pilot study. *J Psychiatr Res*, In Press.

CONFERENCE PAPERS (PEER-REVIEWED)

Richiardi J, Altmann A, **Greicius MD**: A fast test of cross-modal graph community significance. *Proc. 3rd International Workshop on Pattern Recognition in NeuroImaging (PRNI)*, Philiadelphia, USA, June 2013, In Press.

REVIEWS, CHAPTERS, INVITED PAPERS

Greicius MD, Geschwind M, Miller BL: Presenile dementia syndromes: An update on taxonomy and diagnosis. *J Neurol Neurosur Psychiatry* 72:691-700 (2002).

Miller BL, Rosen HJ, **Greicius MD**: Frontotemporal dementia. In: Asbury AK, McKhann GM, McDonald WI, Goadsby PJ, McArthur JC (eds.) Diseases of the Nervous System: Clinical Neuroscience and Therapeutic Principles, 3rd edition. Cambridge University Press, Cambridge (2002).

Greicius MD, Rosen HJ, Miller BL: Alzheimer's disease. In: Aminoff, M, Daroff, R (eds.) The Encyclopedia of the Neurological Sciences,Vol. I. Academic Press, San Diego (2003).

Greicius MD: Neuroimaging in developmental disorders. *Curr Opin Neurol* 16:143-146 (2003).

Illes J, Rosen A, **Greicius MD**, Racine E: Prospects for prediction: An ethics analysis of neuroimaging in Alzheimer's disease. *Ann N Y Acad Sci* 1097: 278-295 (2007).

Seeley WW, Allman JM, Carlin DA, Crawford RK, Macedo MN, **Greicius MD,** DeArmond SJ, Miller BJ: Divergent social functioning in frontotemporal dementia and Alzheimer's disease: reciprocal networks and neuronal evolution. *Alzheimer Dis Assoc Disord* 21:S50-57 (2007).

Greicius MD: Resting-state functional connectivity in neuropsychiatric disorders. *Curr Opin Neurol* 24:424-430 (2008).

Damoiseaux JS, **Greicius MD:** Greater than the sum of its parts: A review of studies combining structural connectivity and resting-state functional connectivity. *Brain Struct Funct* 213(6):525-33 (2009).

Greicius MD & Kimmel DL: Neuroimaging insights into network-based neurodegeneration. *Curr Opin Neurol*, In Press.