**Susan Whitfield-Gabrieli**

 *Curriculum Vitae*

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| Interdisciplinary Science and Engineering Complex | 617.373.4793 |
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Education

B.A. Biophysics/Physics, University of California Berkeley (UCB), 1988

Ph.D./ABD Department of Mathematics, UCB, 1993

Ph.D. Department of Psychology, Neuroscience, UCB, 2017

Employment

Professor of Psychology, Northeastern University, July 1, 2018 - Current

Director of the Northeastern University Biomedical Imaging Center (NUBIC),

Northeastern University, July 1, 2018 – Current

Research Appointment, Department of Psychiatry, MGH, Harvard Medical School, 2022-Current

Research Affiliate, Poitras Center for Psychiatric Disorders, MIT, 2018-Current

Research Affiliate, McGovern Institute for Brain Research, MIT, 2018-Current

Affiliate Member: Institute for Experiential AI (IEAI), Northeastern University, 2021-Current

Principal Research Scientist, McGovern Institute for Brain Research, MIT, 2017-2019

Research Scientist, McGovern Institute for Brain Research, MIT, 2005-2017

Science & Engineering Associate, Department of Psychiatry & Department of Psychology, Stanford University, Stanford, 1999-2005

Research Assistant, Department of Psychiatry, Stanford, 1998-1999

Software Engineering / QA, Project Manager, EEG Systems Laboratory, 1996-1998

Research Associate, EEG Systems Laboratory, San Francisco, CA, 1993-1996

Teaching Assistant, UC Berkeley, Mathematics Department, Berkeley, CA, 1992-1993

Research Associate, UC Berkeley, Physics Department, Berkeley, CA, 1988-1991

Research Associate, Lawrence Berkeley Laboratory, Berkeley, CA, 1988-1989

External Positions

Scientific Advisory Boards:

P41 Center for Mesoscale Mapping (PI: Bruce Rosen, MGH)

Advisory Board for AE Research Foundation

(John Krystal, Edward Chang, Susan Whitfield-Gabrieli)

 Northoff Diagnostics: (Chief Scientific Advisor: Karl Friston)

 Board of Directors

 Road to Right Track

President: Resting State/Brain Connectivity Society, 2018- Present

Conference Chair: Resting State/Brain Connectivity, Sept 11-14, 2014 (<http://www.restingstate.com/>)

Symposium Chair:

Resting State Satellite Workshop: Interventions and Consciousness: MIT, Cambridge, 2014.

The future of big data and machine learning in psychiatry: technologies, large-scale initiatives

 and clinical application, ECNP, Barcelona, Spain October 8th, 2018.

The College on Problems of Drug Dependence, CPDD, San Antonio, TX, 2019.

Advances in Neuroimaging Relevant to ADHD, APSARD, Tucson AZ, Jan 16, 2022

Program Committees:

Resting State Brain Connectivity, International Organizing Committee: 2014-Present

Society of Biological Psychiatry (SOBP) Program Committee: 2019-Present

Real-time Functional Imaging and Neurofeedback Executive Committee: 2021-Present

Promotion Committees:

Yale School of Medicine Appointments and Promotions Committee:Wrote letters for promotions of multiple faculty in the Department of Radiology and Biomedical Imaging

Harvard Medical School (HMS) Promotions Committee:Wrote letters for promotions of multiple faculty to Associate and Full Professorships at HMS.

Editorial Boards:

 Editorial board, Neuroimage, 2012 – 2019

 Editorial board, BrainConnectivity, 2012 – Current

 Editorial board, Frontiers in Neuroscience, 2012 – Current

 Editorial board, Frontiers in Psychiatry 2012 – Current

 Editorial board, Network Neuroscience 2016 – Current

Board of Directors**,** Society for Brain Connectivity, 2015 - Current

Public Outreach

National Alliance of Mental Health: NAMI Talk (June 5th 2018, Boston)

Northeastern Alumni Webinar, Mindfulness Meditation and the Brain, Jan 21, 2021, Virtual.

Northeastern 2025: “Build Diverse Networks of Endless Possibilities”, February 9th, 2021. Virtual.

Harvard Podcasts:Science Rehashed:

Radio: “Top of Mind” by Julie Rose BYU SiriusXM

Boston Globe (2009)

Washington Post (2023)

Podcast on DMN (2023)

Mentorships

 Undergraduate Students

 Suma Anand, Fall, Spring, Summer 2014/2015, MIT

David Zhou, Fall 2017, MIT

Atira Nair, Summer, Fall 2019, Northeastern University

Gwendolyn Orav, Fall 2019, Northeastern University

Jingwen Ren, Fall 2019, Northeastern University

Emma Tusuzian, Fall, 2021, Northeastern University

Nita Akoh Fall, Spring 2022, Northeastern University

Skyler Cohen, Fall 2022, Northeastern University

Lena Stone, Fall-Spring 2022, HMS

Maame Obeng, Spring 2023, Northeastern University

Vanessa Lee Cha, Fall 2023, Northeastern University

**Research Associates/Technicians and Lab Coordinators**

Yoonji Lee, 2018 – 2021, Northeastern University (2021: Stanford University Grad Student)

 Jovi Raya, 2020 – 2021, Northeastern University (2021: Industry)

 Zoi Urban, 2021 – 2022, Northeastern University

 Keara Greene, 2022- Present, Northeastern University

 **Master Students**

 Kathryn Ann Evancic – 2022, Northeatern University

 Jude Hammoud 2023- Current Northeastern Univeristy

**Ph.D. Students**

Ariel Brown, Department of Psychology, Boston University

Adina Fischer, Department of Molecular and Experimental Medicine, Dartmouth University

Francesca Morfini, 2019 – Present, Department of Psychology, Northeastern University

Clare Shaffer, 2020 – Present, Department of Psychology, Northesatern University

Chelsea Ajunwa, 2021 – Present, Department of Psychology, Northeastern University

Isaac Treves, 2021-Present, Department of BCS, MIT, Co-Mentorship

Dissertation Committees

Alexander Belden (Thesis Advisor: Psyche Louis, Northeastern University)

Nicole Logan (Thesis Advisor: Chuck Hillman, Northeastern University)

Sade Iriah (Thesis Advisor: Craig Ferris, Northeastern University)

Yingzhao Zhou (Thesis Advisor: Neal, Northeastern University)

Tatsu Shigeta (Thesis Advisor: Chuck Hillman, Northeastern University)

Isaac Treves (Thesis Advisor: John Gabrieli, MIT)

**Postdoctoral Mentorship**

Jenny Chai, Ph.D, MIT

Clemens Bauer, MD/Ph.D., MIT

Kana Okano, Ph.D,MIT

Guusje Collin, MD/Ph.D., MIT

Sebastian Ruf, Ph.D. Northeastern University

Jiahe Zhang, Ph.D. Northeastern University

**Principal Research Scientists**

Sheeba Arnold, Ph.D., Northeastern University

Aaron Kucyi, Ph.D., Northeastern University

Clemens Bauer, Ph.D., Northeastern University

**Harvard Catalyst K12 Award**

Mark Halko, Postdoctoral Fellow, Harvard Medical School (HMS)

**NRSA Award**

Roselinde Kaiser, Postdoctoral Fellow, HMS

**K23 Award Mentorships**

Laura Holsen, Assistant Professor of Psychiatry, Harvard Medical School

Luke Stoeckel, Assistant Professor of Psychiatry, Harvard Medical School

Gagan Joshi, Assistant Professor of Psychiatry, Harvard Medical School

Ann Shinn, Assistant Professor of Psychiatry, Harvard Medical School

K99 Mentorship

Olivia M. Viessmann, Harvard Medical School; Advisor: Jon Polimeni

Timothy Morris, Northeastern University; Advisor: Art Kramer

Adam Robert Pines, Stanford University; Advisor: Leanne Williams

Yuta Katsumi, Harvard Medical School: Advisor: Brad Dickerson

Fulbright Scholar Mentorship

Peter Stanwell, Associate Professor, Health and Medicine, University of Newcastle, Callaghan

Helena Melero, Postdoctoral Researcher, King Juan Carlos University, Madrid, Spain

**Assistant Professor Mentorship**

Zhenghan Qi, Assistant Professor of Linguistics and Cognitive Science, University of Delaware

Juliet Davidow, Assistant Professor of Psychology, Northeastern University

Stephanie Noble, Assistant Professor of Psychology, Northeastern University

**Teaching experience**

 **MGH Training Short Courses\***

* Functional MRI Visiting Fellowships: MGH, Charlestown, MA (Twice a year for each year: 2005-2021)
* Two-Week Multi-Modality Short Courses: MGH, Charlestown, MA (Once a year for each year: 2006-2020)
* Connectivity Courses: Structural and Functional Brain Connectivity, MGH, Charlestown, MA (Once or twice a year: 2013-2021)
* ***Conn*** Courses, 5 day course(Director): (e.g., April 30-May 4, 2018-2020 @ MGH; <http://www.nmr.mgh.harvard.edu/Learning_The_CONN_Toolbox>
* ***Virtual Conn Courses***  5-day (Mondays) virtual: April 16 - May 14, 2021 & Nov 22 - Dec 20, 2022
* ***Connectivity Course (Savoy-Director)* with Real-time fMRI Symposium (Whitfield-Gabrieli-Director),** Charlestown, MA, October 23-27, 2023

 **Domestic Courses:**

* fMRI Analysis for Basic and Clinical Investigators, Duke, NC 2009
* fMRI Connectivity Analyses, Chicago, IL Nov 6-10, 2010
* fMRI Network Analysis CMU, Pittsburgh, PA, Jan 22-25, 2011
* fMRI Network Analysis, Chicago, IL Sept 26-30, 2011
* Network Analysis: Functional Connectivity, JHU, Baltimore MD, Dec 12-16, 2011
* Functional Connectivity Course, Pittsburgh, PA April 10-14, 2012
* Multi Modal Brain Imaging, From Theory To Applications, University of North Carolina at Greensboro, Joint School of Nanoscience and Nanoengineering, June 23-27, 2014
* Functional Connectivity Course, Cincinnati Children’s Hospital, July 10-15, 2015.

 **International Courses:**

* + fMRI Analysis for Basic and Clinical Investigators, South China Normal University, China, July 11-15, 2011.
	+ Functional Connectivity Course, Hong Kong University, Nov 13-17, 2012.

 **MIT / Harvard University; Health Science & Technology (HST)**

 **Semester Courses:**

* + 9.S913 Graduate Course in Functional Imaging, BCS, MIT, USA, (Spring 2012)
	+ HST-583: Functional MRI: Data Acquisition and Analysis, Harvard/MIT (HST),

(Fall 2006, Fall 2008, Fall 2010, Fall 2012; Lecturer)

* + 9.583/HST-583 Functional MRI: Data Acquisition and Analysis: Harvard/ MIT: HST, (Fall 2015; Course Director)
	+ 9.S916 White Matter: The Wiring of the Human Brain (Spring 2016; Instructor: Nancy Kanwisher, Lecturer: Whitfield-Gabrieli)
	+ HST-583 Functional MRI: Data Acquisition and Analysis: Harvard/MIT (HST), (Fall 2017; Course Director)
	+ HST-583 Functional MRI: Data Acquisition and Analysis: Harvard/MIT (HST), (Fall 2019-2022; Instructor)

 **Northeastern University Semester Courses:**

* PSYC 7250 Seminar in Clinical Neuroscience (Fall 2019)
* PSYC 5150 Proseminar in Clinical Neuroscience (Fall 2020)
* PSYC Cognitive Neuroscience (Spring 2021)
* PSYC 5150 Proseminar in Clinical Neuroscience (Fall 2022)

***\*Teaching evaluations for all courses available upon request***

***MIT/Harvard*** (HST583/BCS9.583): Average score of “7” on a scale of 1-7 for teaching quality.

***Northeastern***(Psy7250/5150): From Merit Review (The Committee evaluation/Chair of Psychology: “Whitfield-Gabrieli received rave reviews – some of the most positive I’ve ever seen. The TRACE ratings (max = 5.0) were 4.9 for “learned a lot” and a perfect 5.0 “instructor effectiveness.”

**Service**

 Ad-Hoc Reviewer:

American Journal of Psychiatry

Archives of General Psychiatry / JAMA Psychiatry

BrainConnectivity

Biological Psychiatry

Cerebral Cortex

Cortex

Human Brain Mapping

Journal of Affective Disorders

Journal of Neuroscience

NeuroImage

Magnetic Resonance in Medicine

Nature

Nature Communications

Neuron

Neuropsychology Review

PLoS

PNAS

Psychiatric Research: Neuroimaging

Psychological Science

Schizophrenia Bulletin

Schizophrenia Research

Science

 Northeastern University:

Chair College of Science Council (COS) (2022- Present)

Diversity & Inclusion Committee: 2020-Present

Tenure Promotion Committees (e.g. John Coley): 2019-Present

Faculty Search Committees (e.g. Laurel Gabard-Durnam): 2018-Present

NUBIC Staff Search Committees (e.g. Fred Bidmead, Virginia Davis): 2018-Present

Northeastern University College of Science (COS):College Council Member:2020-Present

Vice Chair College of Science Council (2021- 2021)

The Global University Committee: 2020-Present

**Technological and Other Scientific Innovations**

***Conn: A Functional Connectivity Toolbox: Downloads > 132,000*** *(**Whitfield-Gabrieli & Nieto-Castanon, 2012****, Citations: > 3900)***

***Conn*** is a Matlab-based cross-platform software for the computation, display, and analysis of functional connectivity in fMRI (fcMRI).Connectivity measures include Surface- and Volume-based analyses, Seed-to-Voxel connectivity maps, ROI-to-ROI connectivity matrices, Graph metrics, and Voxel-to-Voxel measures (intrinsic connectivity, local correlation maps, and others), weighted correlation, PPI, and gPPI models for task-related designs, Dynamic connectivity analyses, FWE-control of connectivity matrices (NBS), and Connectome-wide analyses, multi-voxel pattern analysis (MVPA). *CONN* has incorporated ART and REX:

***ART: A Quality Control Toolbox for Functional Neuroimaging:***

The ***Art*** toolbox provides a unique set of integrated functions that provide comprehensive quality assurance capabilities that improve the accuracy and validity for both fMRI task activation and resting state functional connectivity analyses. It is a publicly available toolbox for MATLAB and Python which facilitates detection and correction of artifacts, provides diagnostic tools which assist in appropriate design specification and is interoperable with standard analysis software packages (e.g., SPM, FSL, Conn).<http://www.nitrc.org/projects/artifact_detect>

 ***REX: A Region of Interest Toolbox:***

The ***rex*** tool is designed to perform efficient extraction of image values and time series from single voxels, clusters and cluster collections. In addition to data extraction the rex tool performs ROI-based. <http://web.mit.edu/swg/software.htm>

**References:**

**Whitfield-Gabrieli**, S. and Nieto-Castanon, A. (2012). [Conn: A functional connectivity toolbox for correlated and anticorrelated brain networks](http://www.alfnie.com/software/whitfield_2012_Conn%20a%20functional%20connectivity%20toolbox%20for%20correlated%20and%20anticorrelated%20brain%20networks.pdf). Brain Connectivity, 2:125-41. (**3410** citations, Consistently noted as being within the top 5 cited articles of journal)

Chai X.J., Nieto-Castanon A., Ongur D., **Whitfield-Gabrieli** S. (2012) Anticorrelations in resting state networks without global signal regression. NeuroImage, 59:1420-1428. (785 citations)

**Whitfield-Gabrieli S**., Ghosh S., Nieto-Castanon A., Gollub R.L., Artifact Detection, Rejection and Quality Assurance of fMRI Data Increase Accuracy in Task Activation and Functional Connectivity Studies (Revision).

***MURFI: Multivariate and Univariate Real-time Functional Imaging***

***MURFI*** is designed to identify, track and feedback the fMRI (BOLD) signal from subject specific regions of interest (ROIs), Resting State Networks (RSNs) and/or ROI/RSN interactions. We pioneered real-time fMRI neurofeedback.

**References:** DeCharms et al., Neuroimage, 2004; Hinds et al., Neuroimage, 2011; Yoo et al., Neuroimaging, 2012; Hinds et al., Journ of Neurophys, 2013; Stoeckel et al., Neuorimage Clinical, 2014; Ros et al., Brain, 2020; Okana et al., Psychiatry Res, 2020; Bauer et al., Psychiatry Res, 2020.

***Mind Balance Training Platform (US Patent application No.:  18/502,948)***

**Publications**

1. Fisher, K.A., Whitfield, S.L., Thomson, R.E., Yanagimoto, K.C., Gustafsson, M.G.L., Clarke, J. (1990). Scanning tunneling microscopy of planar biomembranes. Ultramicroscopy, 33:117-126.
2. Fisher, K.A., Whitfield, S.L., Thomson, R.E., Yanagimoto, K.C., Gustafsson, M.G., Clarke, J. (1990). [Measuring changes in membrane thickness by scanning tunneling microscopy.](http://www.ncbi.nlm.nih.gov/pubmed/2334726) Biochim Biophys Acta, 1023:325-334.
3. Gevins, A.S., Smith, M.E., Le, J., Leong, H., Bennett, J., Martin, N., McEvoy, L., Du, R., Whitfield, S.L. (1995). High resolution evoked potential imaging of the cortical dynamics of human working memory. Electroencephalography and Clinical Neurophysiology, 98:327-348.
4. Gevins, A.S., Smith, M.E., Leong, H., McEvoy, L., **Whitfield, S.L.,** Du, R., Rush, G. (1998). Measurement of mental workload during computer-based tasks with EEG pattern recognition. Human Factors, 40:79-91.
5. Ford, J.M., Mathalon, D.H., Kalba, S., **Whitfield, S.L.,** Faustman W.O., Roth W.T. (2001). Cortical responsiveness during inner speech in schizophrenia:  an event-related brain potential study. American Journal of Psychiatry, 158:914-1916.
6. Ford, J.M., Mathalon, D.H., Kalba, S., **Whitfield, S.L.,** Faustman, W.O., Roth, W.T. (2001). Cortical responsiveness during talking and listening in schizophrenia:  an event-related brain potential study. Biological Psychiatry, 50:540-549.
7. Ford, J.M., Mathalon, D.H., **Whitfield, S.L.,** Faustman, W., Roth, W.T. (2002). Reduced communication between frontal and temporal lobes during talking in schizophrenia. Biological Psychiatry, 21: 485-492.
8. Canli, T., Sivers, H., **Whitfield, S.L**., Gotlib, I.H., Gabrieli, J.D.E. (2002). Amygdala response to happy faces as a function of extraversion. Science, 296: 2191.
9. Mathalon, D.H., **Whitfield, S.L**., Ford, J.M. (2003). Anatomy of an error: ERP and fMRI. Biological Psychology, 64:119-141.
10. Ford, J.M., Gray, E.M., **Whitfield, S.L.,** Turken, A.U., Glover, G., Faustman, W.O., Mathalon, D.H. (2004). Combining ERP and fMRI data to understand response inhibition in schizophrenia. Archives of General Psychiatry, 61:119-129.
11. Anderson, M.C., Ochsner, K.N., Kuhl, B., Cooper, J., Robertson, E., **Gabrieli, S.W.,** Glover, G.H., Gabrieli, J.D.E. (2004). Neural systems underlying the suppression of unwanted memories. Science, 203: 232-235.
12. DeCharms, C.R., Christoff, K., Glover, G.H., Pauly, J.M., **Whitfield, S**., Gabrieli, J.D.E. (2004). Learned regulation of spatially localized brain activation using real-time fMRI. NeuroImage, 21:436-443.
13. Canli, T., Sivers, H., Thomason, M.E., Whitfield-Gabrieli, S., Gabrieli, J.D, and Gotlib, I.H. (2004). Brain activation to emotional words in depressed versus healthy subjects. NeuroReport, 15: 2585-2588.
14. Mather, M., Canli, T., English, T., **Whitfield, S.,** Wais, P., Ochsner, K., Gabrieli, J.D.E., Carstensen, L.L. (2004). Amygdala responses to emotionally valenced stimuli in older and younger adults. Psychological Science, 15:259-263.
15. Golby, A., Silverberg, G., Race, E., Gabrieli, S., O'Shea, J., Knierim, K., Stebbins, G., Gabrieli, J. (2005). Memory encoding in Alzheimer's Disease: An fMRI study of explicit and implicit memory. Brain, 128:773-787.
16. Ford, J.M., Johnson, M.B., Whitfield, S.L., Faustman, W.O., Mathalon, D.M. (2005). Delayed hemodynamic responses in schizophrenia. NeuroImage, 26:922-31.
17. Canli, T., Cooney, R.E., Goldin, P., Shah, M., Sivers, H., Thomason, M.E., Whitfield-Gabrieli, S., Gabrieli, J.D.E., Gotlib, I.H. (2005). Amygdala reactivity to emotional faces predicts improvement in major depression. NeuroReport, 16:1267-1270.
18. Gotlib, I.H., Sivers, H., Gabrieli, J.D.E., Whitfield-Gabrieli, S., Goldin, P., Minor, K.L., Canli, T. (2005). Subgenual anterior cingulate activation to valenced emotional stimuli in major depression. NeuroReport, 16:1731-1734.
19. Xia, Y., Turken, A., Whitfield-Gabrieli, S., Gabrieli, J. (2005). Knowledge-Based classification of neuronal fibers in entire brain. Med Image Comput Comput Assist Interv, 8:205-12.
20. Adcock, R.A., Thangavel, A., Whitfield-Gabrieli, S., Knutson, B, Gabrieli, J.D. (2006). Reward-motivated learning: mesolimbic activation precedes memory formation. Neuron, 50:507-517.
21. Hoeft, F., Hernandez, A., McMillon, G., Taylor-Hill, H., Martindale, J.L., Meyler, A., Keller, A., Siok, W.T., Deutsch, G.K., Just, M.A., Whitfield-Gabrieli, S., Gabrieli, J.D. (2006). Neural basis of dyslexia: a comparison between dyslexic and nondyslexic children equated for reading ability. Journal of Neuroscience, 26:10700-10708.
22. Meyler, A., Keller, T.A., Cherkassky, V.L., Donghoon, L., Hoeft, F., Whitfield-Gabrieli, S., Gabrieli, J.D.E., Just, M.A. (2007). Brain activation during sentence comprehension among good and poor readers. Cerebral Cortex, 17:2780-2787.
23. Golarai, G., Ghahremani, D.G., Whitfield-Gabrieli, S., Reiss, A., Eberhardt, J.L., Gabrieli, J.D.E., Grill-Spector, K. (2007). Differential development of high-level visual cortex correlates with category-specific recognition memory. Nature Neuroscience, 10: 512-522.
24. Gabrieli, J.D.E. and Whitfield-Gabrieli, S., (2007). Attention to neglect. Neuron, 53, 776-777.
25. Hoeft, F., Ueno, T., Reiss, A.L., Meyler, A., Whitfield-Gabrieli, S., Glover, G., Keller, T.A., Kobayashi, N., Mazaika, P., Jo, B., Just, M.A., Gabrieli, J.D.E. (2007). Prediction of children's reading skills using behavioral, functional, and structural neuroimaging measures. Behavioral Neuroscience, 121:602-13.
26. Hoeft, F., Meyler, A., Hernandez, A., Juel, C., Taylor-Hill, H., Martindale, J.L., McMillon, G., Kolchugina, G., Black, J.M., Faizi, A., Deutsch, G.K., Siok, W.T., Reiss, A.L., Whitfield-Gabrieli, S., Gabrieli, J.D.E. (2007). Functional and morphometric brain dissociation between dyslexia and reading ability. Proceedings of the National Academy of Sciences of the United States of America, 104:4234-4239.
27. Ofen, N., Yun-Ching, K., Sokol-Hessner, P., Kim, H., Whitfield-Gabrieli, S., Gabrieli, J.D.E. (2007). Development of the declarative memory system in the human brain. Nature Neuroscience, 10:1198-1205.
28. Turken, A., Whitfield-Gabrieli, S., Bammer, R., Baldo, J., Dronkers, N., Gabrieli, J.D.E., (2008). Cognitive processing speed and the structure of white matter pathways: convergent evidence from normal variation and lesion studies. NeuroImage, 42:1032-1044.
29. Trivedi, M.A., Murphy, C.M., Goetz, C., Shah, R.C., Gabrieli ,J.D., Whitfield-Gabrieli, S., Turner, D.A., Stebbins, G.T. (2008). [fMRI activation changes during successful episodic memory encoding and recognition in amnestic mild cognitive impairment relative to cognitively healthy older adults.](http://www.ncbi.nlm.nih.gov/pubmed/18663302?ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Dement Geriatr Cogn Disord, 26: 123-137.
30. Balci S.K., Sabuncu M.R., Yoo J., Shosh S.S., Whitfield-Gabrieli, S., Gabrieli J.D., Golland P. (2008). Prediction of successful memory encoding from fMRI data. Med Image Comput Comput Assist Interv, 111:97-104.
31. Bergerbest, D., Gabrieli, J.D., Whitfield-Gabrieli, S., Kim, H., Stebbins, G.T., Bennett, D.A., Fleischman, D. (2009). [Age-associated reduction of asymmetry in prefrontal function and preservation of conceptual repetition priming.](http://www.ncbi.nlm.nih.gov/pubmed/19015038?ordinalpos=6&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) NeuroImage, 45: 237-246.
32. Whitfield-Gabrieli, S., Thermenos, H., Milanovic, S., Tsuang, M., Faraone, S., McCarley, R., Shenton, M., Green, A., LaViolette, P., Wojcik, J., Gabrieli, J.D.E., Seidman, L. (2009). Hyperactivity and hyperconnectivity of the default network in schizophrenia and in first degree relatives of persons with schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 106:1279-84.
33. Thomason, M.E., Race, E., Burrows, B., Whitfield-Gabrieli, S., Glover, G.H., Gabrieli, J.D. (2009). Development of spatial and verbal working memory capacity in the human brain. Journal of Cognitive Neuroscience, 21:316-32.
34. Scholz, J, Triantafyllou, C., Whitfield-Gabrieli, S., Brown, E.N., Saxe R (2009). Distinct regions of right temporo-parietal junction are selective for theory of mind and exogenous attention. PLoS One, 4:e4869.
35. Saxe, R.R., Whitfield-Gabrieli, S., Scholz, J., Pelphrey, K.A. (2009). [Brain regions for perceiving and reasoning about other people in school-aged children.](http://www.ncbi.nlm.nih.gov/pubmed/19630902?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Child Development, 80: 1197-1209.
36. Thermenos, H., Ming, T., Whitfield-Gabrieli, S.,  Makris, N.,  Le Violet, P.,  Buka. S,  Milonovic, S.[,](https://webmail.mit.edu/horde/imp/message.php?thismailbox=INBOX&mailbox=%2A%2Asearch&index=51142&start=5&actionID=add_address&name=Sneza+Milonovic&address=smilanov%40bidmc.harvard.edu) Seidman, L. (2010). An FMRI study of working memory in persons with bipolar disorder or at genetic risk for bipolar disorder. Am J Med Genet B Neuropsychiatr Genet, 153:120-131.
37. Brown, A.B., Biederman, J., Valera, E.M., Doyle, A.E., Bush, G., Spencer, T., Monuteaux, M.C., Mick, E., Whitfield-Gabrieli, S., Makris, N., LaViolette, P.S., Oscar-Berman, M., Faraone, S.V., Seidman, L.J. (2010). Effect of dopamine transporter gene (SLC6A3) variation on dorsal anterior cingulate function in ADHD. Am J Med Genet B Neuropsychiatr Genet, 153B:365-375.
38. Valera, E.M., Brown, A., Biederman, J., Faraone, S.V., Makris, N., Monuteaux, M.C., Whitfield-Gabrieli, S., Vitulano, M., Schille, M., Seidman, L.J. (2010). Sex differences in the functional neuroanatomy of working memory in adults with ADHD. Am Journal of Psychiatry, 167:86-94.
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195. Kucyi A., Kam J., Andrews-Hanna J., Christoff K., **Whitfield-Gabrieli** S. (2023) Recent advances in the scientific study of spontaneous thought and their implications for mental health. Nature Mental Health. 19:744–757
196. **Whitfield-Gabrieli**, S., Evins, A.E. (2023) Tuning the Default Mode Network with Behavioral Interventions to Address the Youth Mental Health Crisis. Nature Mental Health 1, 695–696.

Book Chapters

1. Aron, A.,Whitfield-Gabrieli, S., Lichty, W. (2007). Whole Brain Correlations: Examining similarity across conditions of overall patterns of neural activation in fMRI, pp 397-403. In Sholmo Sawilowsky (Ed), Real Data Analysis Quantitative Methods in education and the behavioral sciences. Oxford University Press.
2. Demertzi A. & Whitfield-Gabrieli S. (2015). Intrinsic brain activity and consciousness. The Neurology of Consciousness 2nd Edition.
3. Arnold, S., Nieto-Castanon A, Whitfield-Gabrieli S. (2018). Functional MRI Methods: Neuroimaging in Schizophrenia. Springer Verlag.
4. Kucyi, A., Whitfield-Gabrieli, S., Sadaghiani, S. (In Prep) How can I analyze intrinsic functional networks with iEEG? In N. Axmacher, J. Parvizi (Eds.) Intracranial EEG for Cognitive Neuroscience. Springer (Invited Contribution)
5. Treves I., Saachet M., Bauer C., Whitfield-Gabrieli S. Toward a Brain Network Science of Mindfulness in The Handbook of Mindfulness and Self-Regulation: Ostafin, Robinson, Meier (Eds).
6. Whitfield-Gabrieli S. Functional Connectivity of the Human Brain (Invited Contribution)

**Invited Presentations**

1. NAPLS Scientific Symposium: Brian Plasticity, Risk and Prevention of Schizophrenia, October 2009, Boston, MA, USA.
2. National Academy of Sciences, October 2009, Beijing, China International Symposium on Language, Culture and the Brain, November 2009, University of Hong Kong, Hong Kong.
3. Clinical Research Training Program Research Seminar, Judge Baker Children's Hospital, May 2009, Boston, MA, USA.
4. Harvard Medical School and McLean Hospital: Psychiatry, June 2009, Fairmont Copley Plaza Hotel, Boston MA, USA.
5. NITRC Grantee meeting, June 2009, San Francisco, CA, USA.
6. Second Biennial International Conference on Resting-State Connectivity, September 2010, Milwaukee, Wisconsin, USA.
7. NeuroTalk, From Nervous Functions to Treatment, June 2010, Singapore.
8. The 7th International Conference on Cognitive Science, Functional and Effective Connectivity in Neuropsychiatric Disorders, August 2010, Beijing, China.
9. [Society of Biological Psychiatry](http://www.sobp.org/): Symposium: Inner-Twitter: Altered Functional Connectivity in Schizophrenia and Bipolar Disease, May 2011, San Francisco, CA, USA.
10. International Symposium on Brain Imaging, New Frontiers on Data Analysis, South China Normal University, July 10th 2011, Guangzhou, China.
11. 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) Brain Networks, Sep 1st 2011, Marriott, Boston, USA.
12. Martinos Center known as BANG! (Brain Aging Neuroimaging Group) Functional Connectivity MRI Promises and Perils, Dec 16th 2011, MGH, USA.
13. McLean Neuroimaging Center, Nov 28th 2011, McLean Hospital, USA.
14. 2nd International Workshop on Brain, Cognition and Learning, June 8th 2012, Beijing, China.
15. 3rd Biennial Schizophrenia International Research Conference, April 15th 2012, Florence, Italy.
16. Neuroimaging & Neuropsychology group at VA Boston, April 19th 2012, Boston MA USA.
17. NIMH RDoC workshop on arousal/regulatory systems, June 24-26, 2012, Washington, USA.
18. 3rd Biennial Conference on Resting State Brain Connectivity, September 6th 2012, Magdeburg, Germany.
19. Resting State Functional Connectivity, November 3-5, 2012, Hong Kong University, Hong Kong.
20. MRRC Speaker Series, Yale University, February 14th 2013, New Haven, USA.
21. Harvard Catalyst: Advanced Imaging: Neuroscience Imaging for Clinical/Translational Research, April 8-10 2013, Cambridge, USA.
22. Radcliffe rtfMRI NFB Symposium: July 11th 2013, Harvard University, Cambridge, USA.
23. UCSF Memory and Aging Center, September 6th 2013, San Francisco, USA.
24. Biological Psychiatry, May 8th 2013, New York, USA.
25. Neuro Imaging Workshop (MLINI): Machine Learning and Inference in NeuroImaging NIPS: Neural Information Processing Systems, December 9th 2013, Nevada, USA.
26. American Psychiatric Association’s 167th Annual Meeting (APA) May 5th 2014, New York, USA.
27. Fourth Biennial Conference on Resting State Connectivity, September 12th 2014, Cambridge, USA.
28. International Neuropsychological Society Meeting, February 4th 2015, Denver Colorado, USA.
29. Harvard Catalyst Advanced Imaging: Neuroscience Imaging for Clinical/Translational Research April 15th 2015, Cambridge, USA.
30. 5th Annual Interdisciplinary Symposium on Decision Neuroscience, May 15th 2015 MIT, Cambridge, USA.
31. Association for Psychological Science (APS), May 21st 2015, New York, USA.
32. Organization for Human BraiMapping (OHBM): ***Keynote Lecture*,** June 16th 2015, Honolulu, Hawaii, USA.
33. Autism Spectrum Disorder Across the Life Span: Evidence Based Clinical Update from Neurobiology to Therapeutics, July 11th 2015, Boston, MA, USA.
34. Universidad Nacional Autonoma de Mexico (UNAM), September 18th 2015, Queretaro, Mexico.
35. Visual Brain Core (VBC) Seminar Series, October 2nd 2015, University of Alabama at Birmingham, USA.
36. Society for Neuroscience (SfN): October 18th 2015, Chicago, USA.
37. Structural and Functional Connectivity via MRI, October 28th 2015, MGH, Charlestown, USA.
38. McLean Imaging Center Speaker Series, November 4th 2015, McLean Hospital, Belmont, USA.
39. Science of Behavior Change, November 23rd 2015, Stanford University, Stanford, CA, USA.
40. Brainmap Seminar Series, February 17th 2016, MGH, Charlestown, MA, USA.
41. 3rd Whistler Workshop on Brain Function, March 6th 2016, British Columbia, Canada.
42. University of Georgia Seminar Series April 2016, ***Franklin Foundation Distinguished Lecturer,*** Athens, Giorgia, USA.
43. Keynote Lecture Hong Kong University (HKU) Conference, June 18th 2016, Hong Kong.
44. 18th World Congress of Psychophysiology, September 4th 2016, Havana, Cuba.
45. Neuroscience Institute, GIGA , September 19th 2016, Liege, Belgium.
46. 5th Biennial Conference on Resting State and Brain Connectivity, September 22nd 2016, Vienna, Austria.
47. Machine Learning Symposium, September 24th 2016, Vienna, Austria.
48. [Association for Behavioral and Cognitive Therapies](http://www.abct.org/?m=mHome&fa=dHome) (ABCT), October 27th 2016, New York,USA.
49. Boston Neuroimaging & Neuropsychology Lecture Series, November 17th 2016, Boston, USA.
50. fMRI\_25 Symposium at MGH, December 6th 2016, Boston, MA, USA.
51. Autism Spectrum Disorders Across the Life Span, January 21st 2017, Westin Copley Place, Boston, MA. USA.
52. Shenton Seminar Series, February 23rd 2017, Harvard, Boston, MA.
53. Baycrest Rotman Research Institute conference, March 21st 2017, Toronto, Canada.
54. SRCD Biennial Meeting, April 8th 2017, Austin Texas, USA.
55. [Neuroscience Seminar Series](https://neuroscience.georgetown.edu/seminarschedule.html) @ Georgetown University, May 9th 2017, Washington DC, USA.
56. MIT Speaker Series on Mindfulness Research, October 6th 2017, MIT, Cambridge, USA.
57. MRRC Seminar Series, Yale University, Feb 8th 2018, New Haven, USA.
58. Schizophrenia International Research Society Meeting, April 4th 2018, Florence, Italy.
59. Brain dynamics and parallel computation, March 25th 2018 Kyoto University, Kyoto Japan.
60. The Life of an Academic (Panel Discussion), April 13th 2018, MGH, Charlestown, USA.
61. Using Neuroimaging to Generate Predictive Models for Dimensional Psychiatry, Society of Biological Psychiatry's 73rd Annual Scientific Convention, May 10-12, 2018, New York, USA.
62. Second Annual Shanghai Forum of Early Phase of Psychosis Identification and Intervention, May 18th 2018, Shanghai, China.
63. National Alliance of Mental Health: NAMI, June 5th 2018, Boston, USA
64. ISMRM-ESMRMB Conference “Connectomes related to Psychiatric Diseases” June 20th, 2018, Paris, France.
65. Sixth Biennial Conference on Brain Connectivity, September 26th, 2018, Montreal, Canada
66. Chair: The future of big data and machine learning in psychiatry: technologies, large-scale initiatives and clinical application, ECNP, October 8th, 2018, Barcelona, Spain.
67. 31st European College of Neuropsychopharmacology (ECNP) Conference,group-based inference to personalized medicine, October 7th, 2018, Barcelona, Spain.
68. DBSA (Depression Bipolar Support Alliance) Speaker Series, November 14th 2018, McLean Hospital, Belmont, MA.
69. Clinical Psychology Colloquium Series, November 29th 2018, Yale University, New Haven, USA.
70. Brain Imaging Research Center (BIRC) Lecture Series, January 30, 2019, UConn, CT, USA. ***Distinguished Lecturer***
71. Child Brain Development, February 25th, 2019, Boston Children’s Hospital, Boston, USA.
72. Conference on real-time fMRI Neurofeedback, March 28th, 29th 2019, NIH, Washington, USA.
73. McLean Hospital Imaging Seminar Series,Harvard Medical School, May 1st, Belmont, MA, USA.
74. Brainmap Seminar, May 8th, 2019, MGH, Harvard Medical School, Charlestown, USA.
75. 74th Annual Meeting of Biological Psychiatry, May 17th 2019, “Negative emotion and threat: developmental and lifespan frameworks, molecular techniques and multimodal assays*.”* ***Plenary Lecture: The adolescent brain.***
76. Human Connectome Meeting, NIH, May23-24, 2019, Washington DC, USA.
77. Symposium Chair: The College on Problems of Drug Dependence, June 17th, 2019. San Antonio, TX
78. Association for Psychological Science (APS), May 25th 2019,Washington DC, USA.
79. Nu Rho Psi National Honors Society Talk, Oct 17th, 2019, Northeastern University, MA, USA.
80. MGH Visiting Fellowship, Oct 24th 2019, Boston, MA, USA.
81. NIMH Multimodal Neuroimaging Workshop, Oct 30th – Nov 1st, 2019, Washington DC, USA.
82. Northeastern University Livestream Presentation, Nov 19th, 2019, Boston, MA, USA.
83. ACNP/HCP Symposium and SOBP Committee Meeting, Dec 11th, 2019, Orlando, FL, USA.
84. ASD Conference, Jan 11th, 2020, Boston, MA, USA.
85. International Society for Magnetic Resonance in Medicine (ISMRM) Aug 8th, 2020. Virtual.
86. Flux: Society for Developmental Cognitive Neuroscience, Sept 10th 2020. Virtual.
87. Brain Connectomics with Graphic Theory, Sep 30th, 2020, Karolinsta Institute, Virtual.
88. How to Sustain Mental and Physcal Health in Stressful Times, NU virtual alumni event program focused on mental health in a global context, Sep 16th,2020. Virtual.
89. University of Minnesota Department of Psychiatry Grand Rounds ***Distinguished Visiting Lecturer*** Series, Oct, 7th, 2020, Minneapolis, MN, USA. Virtual.
90. University of California Berkeley, Cognitive Science Colloquium, October 10th 2020, Virtual.
91. Massachusetts General Hospital, fMRI Course, October 22, 2020, Virtual.
92. American Professional Society of ADHD & Related Disorders, Jan 15th-17th, 2021, Virtual.
93. Northeastern Alumni Webinar, Mindfulness Meditation and the Brain, Jan 21, 2021, Virtual.
94. Imaging Assessments of Brain Health: Contributions from Machine Learning, MGH, Harvard medical School, Feb 6 th 2021. Virtual.
95. Northeastern 2025 <https://www.northeastern.edu/2025/>, February 9th, 2021, Virtual.
96. Shape Your Brain, Northeastern University, February 26th, 2021. Virtual.
97. Brainmap Seminar Series, Martinos Center MGH, Harvard Medical School, May 5th, 2021, Virtual.
98. International Society for Magnetic Resonance in Medicine (ISMRM): Keynote Lecture: Psychiatric Imaging: The Advancement of fMRI. July 2, 2021, Virtual.
99. Board of Trustees Northeastern University, Revolutionalizing Brain Health, Sept 23, 2021. Northeastern University, USA.
100. College of Science, Northeastern University, New Approaches to Mental Health, Oct 13th, 2021, Virtual.
101. Massachusetts General Hospital, Connectivity Course, October 27, 2021, Virtual.
102. American Academy of Child Adolescent Psychiatry (AACAP) October 27, 2021, Virtual.
103. Clinical Applications of Connectomics, MGH, November 22, December 6, 2021. Virtual
104. American Professional Society for ADHD and Related Disorders (APSARD): “Advances in Neuroimaging Relevant to ADHD”, Jan 14, 2022, Tucson, AZ, USA.
105. Department of Psychiatry, Columbia University, February 8th 2022, Virtual.
106. Psychiatry Academy MGH: Child Psychopharmocology, March 20th 2022, Virtual.
107. CAM Grand Rounds, Depatrment of Psychiatry, MGH, Harvard Medical School, April 8th 2022, Virtual.
108. **Poitras Symposium**: Frontiers in Neuropsychiatric Disease Research, Models, and Treatment Avenues, April 26 2022, MIT, Cambridge, MA, USA.: [McGovern Institute Spring Symposium: Frontiers in neuropsychiatric disease research, models, and treatment avenues - MIT Events](https://calendar.mit.edu/event/spring_sympoisum%22%20%5Cl%20%22.Y2wDkMvMKF4)
109. Mental Health, Earlier: Transdiagnostic, Transdisciplinary, Translational Training Program in Neurodevelopmental Mechanisms of Psychopathology (T32), Sept 15, 2022, Northwestern University, Remote.
110. Massachusetts General Hospital, Functional Neuroimaging, October 19, 2022, Virtual.
111. Clinical Application of Restin, State Networks, October 26, 2022, MIT, Cambridge, USA.
112. Real-time fMRI (rtFIN2022) Conference ***Keynote Lecture,*** Oct 18, 2022, Yale University, USA.
113. Boston VA Hospital March 9th 2023, Boston, USA.
114. USARIAM Symposium, Jan 9th 2023, Northeastern University Innovation Campus, USA.
115. Society for Biological Psychiatry Symposium Chair, April 27, 2023, San Diego, USA.
116. Institute for Technology in Psychiatry, McLean Hospital, May 11th, 2023, Belmont, USA.
117. T32 Clinical Research Training Program at Harvard Medical School, May 15th, 2023, Boston, USA.
118. Applying for Academic Faculty Positions, MGH PostDoc Retreat, Sept 6th 2023, Somerville, USA.
119. Resting State Brain Connectivity Conference ***Keynote Lecture,*** September 18th, 2023, Dallas, Texas.
120. Clinical Applications of Resting State Networks, Martinos, Charlestown October 24, 2023
121. Real-time fMRI Neurofeedback for Clinical Populations, Martinos, Charlestown, October 27, 2023.
122. ***Distinguished Lecturer***, ***Annual Cathy Kerr Memorial Neuroscience Lecture,*** October 16th, 2023. Harvard Medical School Mindfulness and Compassion Grand Rounds. Virtual.
123. International Maternal Pediatric Adolescent Clinical Trials Group’s (IMPAACT) Brain Mental Health Panel on child and adolescent treatments for depression, Oct 24th 2023. Washington DC, USA.
124. 12th annual Gary Jacobson, M.D., ***Susan B. Jacobson Lecture on Promising Innovations in Psychiatry,*** Grand Rounds MGH Psychiatry, December 7th , 2023, Virtual.
125. Center for Precision Psychiatry (CPP), MGH, February 19th , 2023, Boston, MA, USA
126. Center for Brain and Mind Health, Yale University, March 6th, 2024, Virtual.
127. Poitras Center for Psychiatric Disorders Spring Symposium, May 3rd, 2024, MIT, Cambridge, MA, USA
128. National Institute of Health (NIH) Real-time fMRI Neurofeedback Symposium, May 2nd, 2024, Virutal.
129. Cultivating Hope and Kindness in Your School Nursing Practice, August 7th-8th, Virtual/Hyannis, MA, USA

**Current Research Contracts and Grants**

NIH: R61/R33 MH135009 Pending Funding

MPI: Fineberg, Whitfield-Gabrieli

Mindfulness-based Neurofeedback to augment DBT psychotherapy for adults with Borderline Personality Disorder (MIND-BPD)

NIH: R61/R33 MH135016 Pending Funding

MPI: Whitfield-Gabrieli, Evins

Reducing onset and symptoms of serious mental illnesses in high-using network-based real-time fMRI neurofeedback and mindfulness meditation

NIH: R61/R33 MH132072-01 12/01/2022 – 11/30/2027

PI Whitfield-Gabrieli, (Columbia Subaward: PI: Auerbach)

Targeting adolescent depression symptoms using network-based real-time fMRI neurofeedback and mindfulness meditation.

NIH: 2R01 MH111448-06A1 10/1/2023 – 10/1/2028

MPI: Stone, Whitfield-Gabrieli, Niznikiewic, Shenton, Li, Wang

Identifying mechanisms of response to therapeutic intervention in clinical high risk (CHR) for psychosis: a bridge to treatment

NIH R61/R33 MH113751-01A1 04/01/2019 - 03/31/2024

MPI: Niznikiewic, Whitfield-Gabrieli,

Real-time fMRI Neurofeedback as a Tool to Mitigate Auditory Hallucinations in Patients with Schizophrenia.

NIH: 1R61MH129479-01A1

MPI: Niznikiewic, Whitfield-Gabrieli 09/01/2023 – 09/31/2028

Real-time neurofeedback, its neurotransmitter underpinnings, and therapeutic effects, in clinical high risk individual

NIH RO1MH132962-01A1

MPI: Sheline, Whitfield-Gabrieli, Williams, Narr 7/1/2022 – 6/30/2027

HARMONY: HCP-2.0: Ascertaining Network Mechanisms and Analytics of Emotional Dysfunction

National Philanthropic Trust (NPT) (EIN: 23-7825575) 01/01/24-12/31/24

PI: Whitfield-Gabrieli (Sub: McLean (Webb))

Mindfulness Based Real-time fMRI Neurofeedback Intervention for Borderline Personality Disorder

Center for Cognitive Cognitive Brain Health Seed Grant 04/10/23-04/20/24

PI: Whitfield-Gabrieli (MGH: Donovan)

Introducing exercise interventions for children and teens housed in the MGH emergency department

Sunovion 11/30/2022 – 11/30/2023

PI: Whitfield-Gabrieli

Neuroimaging Analysis of Clinical Trial SEP856

NSF 18-513, Major Research Instrumentation Program 08/01/2021   - 07/31/2023

MPI: Tunik, Whitfield-Gabrieli, Brooks
Acquisition of a controllable pulse transcranial magnetic stimulator (TMS) with robotic positioning and

integrated EEG / EMG for engineering and neuroscience research and education

NIH: U24 RFA-MH-20-341 04/01/2020 - 03/31/2024

PI: Marty Shenton (Whitfield-Gabrieli Role: Thought Leader)

Psychosis Risk Evaluation, Data Integration and Computational Technologies (PREDICT): Data Processing, Analysis, and Coordination Center (DPACC).Secondary analyses of Clinical High Risk for refinement of multi-modal biomarkers and development of biomarker algorithms that predict individual clinical trajectory and outcomes.

NIH R21 PI: Bauer, CO-I Whitfield-Gabrieli 7/1/2022-6/30/2024

Examining the electroencephalographic fingerprint of default mode network hyperconnectivity for scalable and personalized neurofeedback in schizophrenia

NIH R21: PI Kucyi, Co-I Whitfield-Gabrieli 4/1/2022-3/31/2024

Real-time fMRI for insular cortex brain state-triggered experience sampling

NIH R21 PI: Kucyi, Co-I Whitfield-Gabrieli 4/1/2022-3/31/2024

Investigating electroencephalographic predictors of default mode network anticorrelation for personalized neurofeedback.

**Recently Completed Research**

NIH: U01MH108168-01 10/1/2015 - 05/31/2019

PI: Whitfield-Gabrieli

Connectomes Related to Anxiety and Depression in Adolescents

NIH: 5UH2DA041713-02   10/1/2016 - 05/31/2020

PIs: Poldrack & Marsch; MIT: Whitfield-Gabrieli

Applying Novel Technologies and Methods to Inform the Ontology of Self-Regulation

Sunovion 04/01/2018 – 08/15/2019

PI: Whitfield-Gabrieli

Neuroimaging Analysis of Clinical Trial SEP856

NIH: R03MH121879-01A1 05/08/2020 – 04/30/2022

PI: Anteraper: Co-I: Whitfield-Gabrieli

Intrinsic Functional Architecture of Dentate Nuclei in Autism Spectrum Disorder