

Curriculum Vitae (June 2015)

Name: Jessica A. Turner, Ph.D.
Rank: Associate Professor
Department: Psychology
College of Arts & Sciences
Georgia State University, Atlanta, GA

A. Education

1990 B.A. (With Distinction) Psychology and Mathematics, Swarthmore College, Swarthmore PA
1992 M.A. Social Sciences, University of California, Irvine, California
1997 Ph.D. Psychology, University of California, Irvine, California
Dissertation: Motion transparency: Segmentation of the visual display based on speed distributions

B. Professional Credentials

1997-1999 Postdoctoral Research Fellow
Center for Molecular & Behavioral Neuroscience, Rutgers, The State University, Newark, New Jersey

1999-2003 Research Healthcare Specialist; Head, fMRI for Research
Long Beach VA Healthcare System, Long Beach, California

2003-2006 Research Specialist; Project Manager, FBIRN
Department of Psychiatry and Human Behavior, University of California, Irvine

2006-2009 Project Scientist
Department of Psychiatry and Human Behavior, University of California, Irvine

2009-2010 Assistant Professor in Residence
Department of Psychiatry and Human Behavior, University of California, Irvine

2010-2013 Research Assistant Professor (Adjunct)
Department of Psychiatry, University of New Mexico, Albuquerque, NM
Department of Psychology, University of New Mexico, Albuquerque, NM

2010-2013 Associate Professor
Translational Neuroscience, Mind Research Network, Albuquerque, NM

2013-present Associate Professor
Department of Psychology, Georgia State University, Atlanta, GA

C. Scholarship and Professional Development

C1. Grants

- 2012-2015 Contact Principal Investigator
BrainMap Tracker: Automated Annotation of Brain Mapping Experiments
NIMH (NIH), 1R56MH097870-01.
- 2012-2017 co-Principal Investigator
Mining the Genomewide Scan: Genetic Profiles of Structural Loss in Schizophrenia
NIMH (NIH), 1R01MH094524-01A1.
- 2013-2016 co-Principal Investigator
Imaging and Genetics in Huntington's Disease
NINDS (NIH) 5U01NS082074-02.
- 2014-2016 Principal Investigator of GSU subcontract (Jane Paulsen, PI)
PREDICT-HD fMRI/ICA Analysis Project (ancillary project)
NINDS (NIH)
- 2012-2016 co-Principal Investigator
SchizConnect: Large-Scale Schizophrenia Neuroimaging Data Mediation and Federation
NIMH (NIH), 1U01MH097435-01A1
- 2014-2018. Principal Investigator of GSU subcontract
Social Processes Initiative in Neurobiology of the Schizophrenia(s) (SPINS)
NIMH, NIH.
- 2011-2013 Principal Investigator of site subcontract (J. Bustillo, Principal Investigator)
HSC-15790: Prediction of Antipsychotic Response (CTSC Affiliate application)
NIH, NCRR.
- 2009-2014 Principal Investigator of site subcontract (C. Kesselman, PI)
Biomedical Informatics Research Network Coordinating Center
NCRR (NIH), 3U24RR025736-01S1
- 2009-2013 co-Principal Investigator
Development of a Cognitive Paradigm Ontology: BrainMap and BIRN Integration
NIMH (NIH), 1R01MH084812-01A1.
- 2003-2012 Project Manager & Site PI (S. Potkin, PI)
Functional Imaging Biomedical Informatics Research Network (FBIRN)
NCRR (NIH) U24 RR021992
- 2008-2010 Principal Investigator of site subcontract (D. Rubin, PI)
RSNA-NIBIB Radlex Ontology Project
NHLBI (NIH), NHLBI-PB-BB-2008-158-RCO.
- 2008-2009 Principal Investigator
International Imaging Genetics Conference
NIMH (NIH) 1R13MH083464-01

C2. Publications

Peer reviewed journal articles

Note: Graduate student co-authors' names are italicized. Postdoctoral fellows are underlined. Undergraduate co-authors are double-lined.

Items denoted with a ** are those in which the first two authors shared primary responsibility for the manuscript.

1. **Turner, J.**, Braustein, M.L., and Andersen, G.J. (1995). *Detection of surfaces in structure from motion*. J Exp Psychol Hum Percept Perform. 21(4): 809-21.
2. **Turner, J.** and Braunstein, M.L. (1995). *Size constancy in structure from motion*. Perception. 24(10): 1155-64.
3. **Turner, J.**, Braunstein, M.L., and Andersen, G.J. (1997). *The relationship between binocular disparity and motion parallax in surface detection*. Perception and Psychophysics. 59(3): 370-80.
4. Domini, F., Caudek, C., **Turner, J.**, and Favretto, A. (1998). *Discriminating constant from variable angular velocities in structure from motion*. Perception and Psychophysics. 60(5): 747-60.
5. **Turner, J.A.**, Lee, J.S., Martinez, O., Medlin, A.L., Schandler, S.L., and Cohen, M.J. (2001). *Somatotopy of the motor cortex after long-term spinal cord injury or amputation*. IEEE Trans Neural Syst Rehabil Eng. 9(2): 154-60.
6. Siegel, R.M., Raffi, M., Phinney, R.E., **Turner, J.A.**, and Jando, G. (2003). *Functional architecture of eye position gain fields in visual association cortex of behaving monkey*. Journal of Neurophysiology. 90(2): 1279-1294.
7. **Turner, J.A.**, Anderson, K.C., and Siegel, R.M. (2003). *Cell responsiveness in macaque superior temporal polysensory area, measured by temporal discriminants*. Neural Computation. 15: 2067-2090.
8. **Turner, J.A.**, Lee, J.S., Schandler, S.L., and Cohen, M.J. (2003). *An fMRI investigation of hand representation in paraplegic humans*. Neurorehabil Neural Repair. 17(1): 37-47.
9. Cahill, L., *Uncapher, M.*, *Kilpatrick, L.*, Alkire, M., and **Turner, J.** (2004). *Sex-Related Hemispheric Lateralization of Amygdala Function in Emotionally-Influenced Memory: An fMRI Investigation*. Learning and Memory. 11(3): 261-266.
10. Fallon, J.H., Keator, D.B., Mbogori, J., **Turner, J.**, and Potkin, S.G. (2004). *Hostility differentiates the brain metabolic effects of nicotine*. Brain Res Cogn Brain Res. 18(2): 142-8.
11. Lacourse, M.G., **Turner, J.A.**, *Randolph-Orr, E.R.*, Schandler, S.P., and Cohen, M.J. (2004). *Cerebral and cerebellar sensorimotor plasticity following motor imagery-based mental practice of a sequential movement*. Journal of Rehabilitation Research & Development. 41(4): 505-524.
12. *Kim, S.*, *Smyth, P.*, *Stern, H.*, **Turner, J.**, and BIRN, F. (2005). *Parametric response surface models for analysis of multi-site fMRI data*. Proceedings of the 8th International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI). 3749: 352-359.
13. Lee, H., **Turner, J.**, Potkin, S., and BIRN, F. (2005). *Calibration Method of Functional Magnetic Resonance Images*. Proceedings of the 2005 International Conference Imaging Science, Systems, and Technology: Computer Graphics (CISST'05): 13-19.
14. **Turner, J.A.**, Smyth, P., Macciardi, F., Fallon, J.H., Kennedy, J.L., and Potkin, S.G. (2006). *Imaging phenotypes and genotypes in schizophrenia*. Neuroinformatics. 4(1): 21-49.
15. **Turner, J.A.**, Potkin, S.G., Brown, G.G., Keator, D.B., McCarthy, G., and Glover, G.H. (2007). *Neuroimaging for the diagnosis and study of mental disorders*. IEEE Signal Processing Magazine. 24(4): 112-117.
16. Bug, W.J., Ascoli, G.A., Grethe, J.S., Gupta, A., Fennema-Notestine, C., Laird, A.R., Larson, S.D., Rubin, D., Shepherd, G.M., **Turner, J.A.**, and Martone, M.E. (2008). *The NIFSTD and BIRN Lex vocabularies: building comprehensive ontologies for neuroscience*. Neuroinformatics. 6(3): 175-94.

17. Friedman, L., Stern, H., Brown, G.G., Mathalon, D., **Turner**, J.A., Glover, G.H., Gollub, R.L., Lauriello, J., Lim, K.O., Cannon, T., Greve, D.N., Bockholt, H.J., Belger, A., Mueller, B., Doty, M.J., He, J., Wells, W., Smyth, P.J., Pieper, S., Kim, S., Kubicki, M., Morris, S., Vangel, M., and Potkin, S.G. (2008). *Test-Retest and Between-Site Reliability in a Multicenter fMRI Study*. Human Brain Mapping. 29(8): 958-72.
18. Friedman, L., **Turner**, J.A., Stern, H., Mathalon, D.H., Trondsen, L.C., and Potkin, S.G. (2008). *Chronic smoking and the BOLD response to a visual activation task and a breath hold task in patients with schizophrenia and healthy controls*. NeuroImage. 40(3): 1181-94.
19. Tura, E., **Turner**, J.A., Fallon, J.H., Kennedy, J.L., and Potkin, S.G. (2008). *Multivariate analyses suggest genetic impacts on neurocircuitry in schizophrenia*. Neuroreport. 19(6): 603-7.
20. Brown, G.G., McCarthy, G., Bischoff-Grethe, A., Ozyurt, B., Greve, D., Potkin, S.G., **Turner**, J.A., Notestine, R., Calhoun, V.D., Ford, J.M., Mathalon, D., Manoach, D.S., Gadde, S., Glover, G.H., Wible, C.G., Belger, A., Gollub, R.L., Lauriello, J., O'Leary, D., and Lim, K.O. (2009). *Brain-performance correlates of working memory retrieval in schizophrenia: a cognitive modeling approach*. Schizophr Bull. 35(1): 32-46.
21. Ford, J.M., Roach, B.J., Jorgensen, K.W., **Turner**, J.A., Brown, G.G., Notestine, R., Bischoff-Grethe, A., Greve, D., Wible, C., Lauriello, J., Belger, A., Mueller, B.A., Calhoun, V., Preda, A., Keator, D., O'Leary, D.S., Lim, K.O., Glover, G., Potkin, S.G., Fbirn, and Mathalon, D.H. (2009). *Tuning in to the voices: a multisite FMRI study of auditory hallucinations*. Schizophr Bull. 35(1): 58-66.
22. Kim, D.I., Mathalon, D.H., Ford, J.M., Mannell, M., **Turner**, J.A., Brown, G.G., Belger, A., Gollub, R., Lauriello, J., Wible, C., O'Leary, D., Lim, K., Toga, A., Potkin, S.G., Birn, F., and Calhoun, V.D. (2009). *Auditory oddball deficits in schizophrenia: an independent component analysis of the fMRI multisite function BIRN study*. Schizophr Bull. 35(1): 67-81.
23. Kim, D.I., Manoach, D.S., Mathalon, D.H., **Turner**, J.A., Mannell, M., Brown, G.G., Ford, J.M., Gollub, R.L., White, T., Wible, C., Belger, A., Bockholt, H.J., Clark, V.P., Lauriello, J., O'Leary, D., Mueller, B.A., Lim, K.O., Andreasen, N., Potkin, S.G., and Calhoun, V.D. (2009). *Dysregulation of working memory and default-mode networks in schizophrenia using independent component analysis, an fBIRN and MCIC study*. Hum Brain Mapp. 30(11): 3795-811.
24. Laird, A.R., Eickhoff, S.B., Kurth, F., Fox, P.M., Uecker, A.M., **Turner**, J.A., Robinson, J.L., Lancaster, J.L., and Fox, P.T. (2009). *ALE Meta-Analysis Workflows Via the Brainmap Database: Progress Towards A Probabilistic Functional Brain Atlas*. Front Neuroinformatics. 3: 23.
25. Potkin, S.G., *Guffanti*, G., *Lakatos*, A., **Turner**, J.A., Kruggel, F., Fallon, J.H., Saykin, A.J., Orro, A., Lupoli, S., Salvi, E., Weiner, M., Macciardi, F., and Alzheimer's Disease Neuroimaging, I. (2009). *Hippocampal atrophy as a quantitative trait in a genome-wide association study identifying novel susceptibility genes for Alzheimer's disease*. PLoS ONE. 4(8): e6501.
26. **Potkin, S.G., **Turner**, J.A., Brown, G.G., McCarthy, G., Greve, D.N., Glover, G.H., Manoach, D.S., Belger, A., Diaz, M., Wible, C.G., Ford, J.M., Mathalon, D.H., Gollub, R., Lauriello, J., O'Leary, D., van Erp, T.G., Toga, A.W., Preda, A., Lim, K.O., and FBIRN. (2009). *Working memory and DLPFC inefficiency in schizophrenia: the FBIRN study*. Schizophr Bull. 35(1): 19-31.
27. Potkin, S.G., **Turner**, J.A., Fallon, J.A., *Lakatos*, A., Keator, D.B., *Guffanti*, G., and Macciardi, F. (2009). *Gene discovery through imaging genetics: identification of two novel genes associated with schizophrenia*. Mol Psychiatry. 14(4): 416-28.
28. **Potkin, S.G., **Turner**, J.A., *Guffanti*, G., *Lakatos*, A., Fallon, J.H., Nguyen, D.D., Mathalon, D., Ford, J., Lauriello, J., Macciardi, F., and FBIRN. (2009). *A genome-wide association study of schizophrenia using brain activation as a quantitative phenotype*. Schizophr Bull. 35(1): 96-108.
29. Potkin, S.G., **Turner**, J.A., *Guffanti*, G., *Lakatos*, A., Torri, F., Keator, D.B., and Macciardi, F. (2009). *Genome-wide strategies for discovering genetic influences on cognition and cognitive disorders: methodological considerations*. Cogn Neuropsychiatry. 14(4-5): 391-418.
30. *Segall*, J.M., **Turner**, J.A., van Erp, T.G., White, T., Bockholt, H.J., Gollub, R.L., Ho, B.C., Magnotta, V., Jung, R.E., McCarley, R.W., Schulz, S.C., Lauriello, J., Clark, V.P., Voyvodic, J.T., Diaz, M.T., and

- Calhoun, V.D. (2009). *Voxel-based morphometric multisite collaborative study on schizophrenia*. *Schizophr Bull.* 35(1): 82-95.
31. Wible, C.G., Lee, K., Molina, I., Hashimoto, R., Preus, A.P., Roach, B.J., Ford, J.M., Mathalon, D.H., McCarthy, G., **Turner**, J.A., Potkin, S.G., O'Leary, D., Belger, A., Diaz, M., Voyvodic, J., Brown, G.G., Notestine, R., Greve, D., Lauriello, J., and Fbirm. (2009). *fMRI activity correlated with auditory hallucinations during performance of a working memory task: data from the FBIRN consortium study*. *Schizophr Bull.* 35(1): 47-57.
 32. Ashish, N., Ambite, J. L., Muslea, M., & **Turner**, J. A. (2010) Neuroscience Data Integration with Mediation: An (F)BIRN Application and Case Study. *Frontiers in Neuroinformatics*, 4(118).
 33. Brinkman, R. R., Courtot, M., Derom, D., Fostel, J. M., He, Y., Lord, P., Malone, J., Parkinson, H., Peters, B., Rocca-Serra, P., Ruttenberg, A., Sansone, S., Soldatova, L. N., Stoerckert, C. J., **Turner**, J. A., Zheng, J., & Consortium, O. (2010) Modeling biomedical experimental processes with OBI. *Journal of Biomedical Semantics*, 1(Suppl 1):S7.
 34. Kim, M. A., Tura, E., Potkin, S. G., Fallon, J. H., Manoach, D. S., Calhoun, V. D., Fbirm, & **Turner**, J. A. (2010) Working memory circuitry in schizophrenia shows widespread cortical inefficiency and compensation. *Schizophr Res*, 117(1):42-51.
 35. Kruggel, F., **Turner**, J., Muftuler, L. T., & Alzheimer's Disease Neuroimaging Initiative (2010) Impact of scanner hardware and imaging protocol on image quality and compartment volume precision in the ADNI cohort. *NeuroImage*, 49(3):2123-2133.
 36. Potkin, S. G., Macciardi, F., *Guffanti*, G., Fallon, J. H., Wang, Q., **Turner**, J. A., Lakatos, A., Miles, M. F., Lander, A., Vawter, M. P., & Xie, X. (2010) Identifying gene regulatory networks in schizophrenia. *Neuroimage*, 53(3):839-847.
 37. **Turner**, J. A., Mejino, O., Martone, M. E., Lee, H., Detwiler, L. T., & Rubin, D. (2010) Application of neuroanatomical ontologies for neuroimaging data annotation. *Frontiers in Neuroinformatics*, 4(10).
 38. *Allen*, E. A., Erhardt, E. B., Damaraju, E., Gruner, W., Segall, J. M., Silva, R. F., Havlicek, M., Rachakonda, S., Fries, J., Kalyanam, R., Michael, A. M., Caprihan, A., **Turner**, J. A., Eichele, T., Adelsheim, S., Bryan, A. D., Bustillo, J., Clark, V. P., Feldstein Ewing, S. W., Filbey, F., Ford, C. C., Hutchison, K., Jung, R. E., Kiehl, K. A., Kodituwakku, P., Komesu, Y. M., Mayer, A. R., Pearlson, G. D., Phillips, J. P., Sadek, J. R., Stevens, M., Teuscher, U., Thoma, R. J., & Calhoun, V. D. (2011) A baseline for the multivariate comparison of resting-state networks. *Front Syst Neurosci*, 5:2.
 39. Brown, G. G., Mathalon, D. H., Stern, H., Ford, J., Mueller, B., Greve, D. N., McCarthy, G., Voyvodic, J., Glover, G., Diaz, M., Yetter, E., Ozyurt, I. B., Jorgensen, K. W., Wible, C. G., **Turner**, J. A., Thompson, W. K., Potkin, S. G., & Function Biomedical Informatics Research, N. (2011) Multisite reliability of cognitive BOLD data. *Neuroimage*, 54(3):2163-2175.
 40. Greve, D. N., Mueller, B. A., Liu, T., **Turner**, J. A., Voyvodic, J., Yetter, E., Diaz, M., McCarthy, G., Wallace, S., Roach, B. J., Ford, J. M., Mathalon, D. H., Calhoun, V. D., Wible, C. G., Brown, G. G., Potkin, S. G., & Glover, G. (2011) A novel method for quantifying scanner instability in fMRI. *Magn Reson Med*, 65(4):1053-1061.
 41. Helmer, K. G., Ambite, J. L., Ames, J., Ananthakrishnan, R., Burns, G., Chervenak, a., Foster, I., Liming, L., Keator, D. B., Macciardi, F., Madduri, R., Navarro, J.-P., Potkin, S. G., Rosen, B., Ruffins, S., Schuler, R., **Turner**, J. A., Toga, A., Williams, S., & Kesselman, C. (2011) Enabling Collaborative Research Using the Biomedical Informatics Research Network (BIRN). *Journal of the American Medical Informatics Association*, 18:416-422.
 42. Laird, A. R., Eickhoff, S. B., Fox, P. M., Uecker, A. M., *Ray*, K. L., Saenz Jr., J. J., McKay, D. R., Bzdok, D., Laird, R. W., Robinson, J. L., **Turner**, J. A., Turkeltaub, P. E., Lancaster, J. L., & Fox, P. T. (2011) The BrainMap strategy for standardization, sharing and meta-analysis of neuroimaging data. *BMC Research Notes*, 4:349.

43. Laird, A. R., Fox, P. M., Eickhoff, S. B., **Turner**, J. A., Ray, K. L., McKay, D. R., Glahn, D. C., Beckmann, C. F., Smith, S. M., & Fox, P. T. (2011) Behavioral interpretations of intrinsic connectivity networks. *J Cogn Neurosci*, 23(12):4022-4037.
44. Scott, A., Courtney, W., Wood, D., de la Garza, R., Lane, S., King, M., Wang, R., Roberts, J., **Turner**, J. A., & Calhoun, V. D. (2011) COINS: An Innovative Informatics and Neuroimaging Tool Suite Built for Large Heterogeneous Datasets. *Front Neuroinform*, 5:33.
45. **Turner**, J. A., Lane, S. R., Bockholt, H. J., & Calhoun, V. D. (2011) The Clinical Assessment and Remote Administration Tablet. *Frontiers in Neuroinformatics*, 5(31).
46. Calhoun, V. D., Sui, J., Kiehl, K., **Turner**, J., Allen, E., & Pearlson, G. (2012) Exploring the psychosis functional connectome: aberrant intrinsic networks in schizophrenia and bipolar disorder. *Front Psychiatry*, 2:75.
47. Chen, J., Calhoun, V. D., Pearlson, G. D., Ehrlich, S., **Turner**, J. A., Ho, B. C., Wassink, T. H., Michael, A. M., & Liu, J. (2012) Multifaceted genomic risk for brain function in schizophrenia. *NeuroImage*, 61(4):866-875.
48. Glover, G. H., Mueller, B. A., **Turner**, J. A., van Erp, T. G., Liu, T. T., Greve, D. N., Voyvodic, J. T., Rasmussen, J., Brown, G. G., Keator, D. B., Calhoun, V. D., Lee, H. J., Ford, J. M., Mathalon, D. H., Diaz, M., O'Leary, D. S., Gadde, S., Preda, A., Lim, K. O., Wible, C. G., Stern, H. S., Belger, A., McCarthy, G., Ozyurt, B., & Potkin, S. G. (2012) Function biomedical informatics research network recommendations for prospective multicenter functional MRI studies. *J Magn Reson Imaging*, 36(1):39-54.
49. He, H., Sui, J., Yu, Q., **Turner**, J. A., Ho, B. C., Sponheim, S. R., Manoach, D. S., Clark, V. P., & Calhoun, V. D. (2012) Altered Small-World Brain Networks in Schizophrenia Patients during Working Memory Performance. *PLoS ONE*, 7(6):e38195.
50. Liu, J., Ghassemi, M. M., Michael, A. M., Boutte, D., Wells, W., Perrone-Bizzozero, N., Macciardi, F., Mathalon, D. H., Ford, J. M., Potkin, S. G., **Turner**, J. A., & Calhoun, V. D. (2012) An ICA with reference approach in identification of genetic variation and associated brain networks. *Front Hum Neurosci*, 6:21.
51. Magnotta, V. A., Matsui, J. T., Liu, D., Johnson, H. J., Long, J. D., Bolster, B. D., Jr., Mueller, B. A., Lim, K., Mori, S., Helmer, K. G., **Turner**, J. A., Reading, S., Lowe, M. J., Aylward, E., Flashman, L. A., Bonett, G., & Paulsen, J. S. (2012) Multicenter reliability of diffusion tensor imaging. *Brain Connect*, 2(6):345-355.
52. Stein, J. L., Medland, S. E., Vasquez, A. A., Hibar, D. P., Senstad, R. E., Winkler, A. M., Toro, R., Appel, K., Bartecek, R., Bergmann, O., Bernard, M., Brown, A. A., Cannon, D. M., Chakravarty, M. M., Christoforou, A., Domin, M., Grimm, O., Hollinshead, M., Holmes, A. J., Homuth, G., Hottenga, J. J., Langan, C., Lopez, L. M., Hansell, N. K., Hwang, K. S., Kim, S., Laje, G., Lee, P. H., Liu, X., Loth, E., Lourdasamy, A., Mattingsdal, M., Mohnke, S., Maniega, S. M., Nho, K., Nugent, A. C., O'Brien, C., Papmeyer, M., Putz, B., Ramasamy, A., Rasmussen, J., Rijpkema, M., Risacher, S. L., Roddey, J. C., Rose, E. J., Ryten, M., Shen, L., Sprooten, E., Strengman, E., Teumer, A., Trabzuni, D., **Turner**, J., van Eijk, K., van Erp, T. G., van Tol, M. J., Wittfeld, K., Wolf, C., Woudstra, S., Aleman, A., Alhusaini, S., Almasy, L., Binder, E. B., Brohawn, D. G., Cantor, R. M., Carless, M. A., Corvin, A., Cizisch, M., Curran, J. E., Davies, G., de Almeida, M. A., Delanty, N., Depondt, C., Duggirala, R., Dyer, T. D., Erk, S., Fagerness, J., Fox, P. T., Freimer, N. B., Gill, M., Goring, H. H., Hagler, D. J., Hoehn, D., Holsboer, F., Hoogman, M., Hosten, N., Jahanshad, N., Johnson, M. P., Kasperaviciute, D., Kent, J. W., Jr., Kochunov, P., Lancaster, J. L., Lawrie, S. M., Liewald, D. C., Mandl, R., Matarin, M., Mattheisen, M., Meisenzahl, E., Melle, I., Moses, E. K., Muhleisen, T. W., Nauck, M., Nothen, M. M., Olvera, R. L., Pandolfo, M., Pike, G. B., Puls, R., Reinvang, I., Renteria, M. E., Rietschel, M., Roffman, J. L., Royle, N. A., Rujescu, D., Savitz, J., Schnack, H. G., Schnell, K., Seiferth, N., Smith, C., Steen, V. M., Valdes Hernandez, M. C., Van den Heuvel, M., van der Wee, N. J., Van Haren, N. E., Veltman, J. A., Volzke, H., Walker, R., Westlye, L. T., Whelan, C. D., Agartz, I., Boomsma, D. I., Cavalleri, G. L., Dale, A. M., Djurovic, S., Drevets, W. C., Hagoort, P., Hall, J., Heinz, A., Jack, C. R., Jr., Foroud, T. M., Le Hellard,

- S., Macciardi, F., Montgomery, G. W., Poline, J. B., Porteous, D. J., Sisodiya, S. M., Starr, J. M., Sussmann, J., Toga, A. W., Veltman, D. J., Walter, H., Weiner, M. W., Alzheimer's Disease Neuroimaging, I., Consortium, E., Consortium, I., Saguenay Youth Study, G., Bis, J. C., Ikram, M. A., Smith, A. V., Gudnason, V., Tzourio, C., Vernooij, M. W., Launer, L. J., DeCarli, C., Seshadri, S., Cohorts for, H., Aging Research in Genomic Epidemiology, C., Andreassen, O. A., Apostolova, L. G., Bastin, M. E., Blangero, J., Brunner, H. G., Buckner, R. L., Cichon, S., Coppola, G., de Zubicaray, G. I., Deary, I. J., Donohoe, G., de Geus, E. J., Espeseth, T., Fernandez, G., Glahn, D. C., Grabe, H. J., Hardy, J., Hulshoff Pol, H. E., Jenkinson, M., Kahn, R. S., McDonald, C., McIntosh, A. M., McMahon, F. J., McMahon, K. L., Meyer-Lindenberg, A., Morris, D. W., Muller-Myhsok, B., Nichols, T. E., Ophoff, R. A., Paus, T., Pausova, Z., Penninx, B. W., Potkin, S. G., Samann, P. G., Saykin, A. J., Schumann, G., Smoller, J. W., Wardlaw, J. M., Weale, M. E., Martin, N. G., Franke, B., Wright, M. J., Thompson, P. M. & Enhancing Neuro Imaging Genetics through Meta-Analysis, C. (2012) Identification of common variants associated with human hippocampal and intracranial volumes. *Nat Genet*, 44(5):552-561.
53. **Turner**, J. A., Calhoun, V. D., Michael, A. M., Van Erp, T. G. M., Ehrlich, S. E., *Segall*, J. M., Csernansky, J. G., Potkin, S. G., Ho, B. C., Bustillo, J., Schulz, S. C., FBIRN, & Wang, L. (2012) Heritability of multivariate gray matter measures in schizophrenia. *Twin Research and Human Genetics*, 15(3):324-335.
54. **Turner**, J. A., Chen, H., Mathalon, D. H., Allen, E. A., Mayer, A. R., Abbott, C. C., Calhoun, V. D., & Bustillo, J. (2012) Reliability of the amplitude of low-frequency fluctuations in resting state fMRI in chronic schizophrenia. *Psychiatry Res*, 201(3):253-255.
55. **Turner**, J. A. & Laird, A. R. (2012) The cognitive paradigm ontology: design and application. *Neuroinformatics*, 10(1):57-66.
56. **Turner**, J. A. & Van Horn, J. D. (2012) Electronic data capture, representation, and applications for neuroimaging. *Frontiers in Neuroinformatics*, 6(16).
57. Abbott, C. C., Lemke, N. T., *Gopal*, S., Thoma, R. J., Bustillo, J., Calhoun, V. D., & **Turner**, J. A. (2013) Electroconvulsive therapy response in major depressive disorder: a pilot functional network connectivity resting state fMRI investigation. *Frontiers in Psychiatry*, 4(10):10.
58. Burns, G. A. & **Turner**, J. A. (2013) Modeling functional Magnetic Resonance Imaging (fMRI) experimental variables in the Ontology of Experimental Variables and Values (OoEVV). *Neuroimage*, 82:662-670.
59. Chen, J. Y., Calhoun, V. D., Pearlson, G. D., Perrone-Bizzozero, N., Sui, J., **Turner**, J. A., Bustillo, J. R., Ehrlich, S., Sponheim, S. R., Canive, J. M., Ho, B. C., & Liu, J. Y. (2013) Guided exploration of genomic risk for gray matter abnormalities in schizophrenia using parallel independent component analysis with reference. *Neuroimage*, 83:384-396.
60. Gollub, R. L., Shoemaker, J. M., King, M. D., White, T., Ehrlich, S., Sponheim, S. R., Clark, V. P., **Turner**, J. A., Mueller, B. A., Magnotta, V., O'Leary, D., Ho, B. C., Brauns, S., Manoach, D. S., Seidman, L., Bustillo, J. R., Lauriello, J., Bockholt, J., Lim, K. O., Rosen, B. R., Schulz, S. C., Calhoun, V. D., & Andreasen, N. C. (2013) The MCIC collection: a shared repository of multi-modal, multi-site brain image data from a clinical investigation of schizophrenia. *Neuroinformatics*, 11(3):367-388.
61. *Guffanti*, G., Torri, F., Rasmussen, J., Clark, A. P., Lakatos, A., **Turner**, J. A., Fallon, J. H., Saykin, A. J., Weiner, M., Vawter, M. P., Knowles, J. A., Potkin, S. G., Macciardi, F., & Neuroimaging, A. A. s. D. (2013) Increased CNV-Region deletions in mild cognitive impairment (MCI) and Alzheimer's disease (AD) subjects in the ADNI sample. *Genomics*, 102(2):112-122.
62. Keator, D. B., Helmer, K., Steffener, J., **Turner**, J. A., Van Erp, T. G., Gadde, S., Ashish, N., Burns, G. A., & Nichols, B. N. (2013) Towards structured sharing of raw and derived neuroimaging data across existing resources. *Neuroimage*, 82:647-661.
63. Mittal, V. A., Orr, J. M., **Turner**, J. A., Pelletier, A. L., Dean, D. J., Lunsford-Avery, J., & Gupta, T. (2013) Striatal abnormalities and spontaneous dyskinesias in non-clinical psychosis. *Schizophrenia Research*, 151(1-3):141-147.

64. Thomas, M. L., Brown, G. G., Thompson, W. K., Voyvodic, J., Greve, D. N., **Turner**, J. A., Mathalon, D. H., Ford, J., Wible, C. G., Potkin, S. G., & Fbirm (2013) An application of item response theory to fMRI data: prospects and pitfalls. *Psychiatry Res*, 212(3):167-174.
65. **Turner**, J. A., Damaraju, E., van Erp, T. G. M., Mathalon, D. H., Ford, J. M., Voyvodic, J., Mueller, B. A., Belger, A., Bustillo, J., McEwen, S. C., Potkin, S. G., FBIRN, & Calhoun, V. D. (2013) A multi-site resting state fMRI study on the amplitude of low frequency fluctuations in schizophrenia. *Frontiers in Neuroscience*, 7:137.
66. Turner, M. D., *Chakrabarti*, C., Jones, T. B., Xu, J. F., Fox, P. T., Luger, G. F., Laird, A. R., & **Turner**, J. A. (2013) Automated annotation of functional imaging experiments via multi-label classification. *Front Neurosci*, 7:240.
67. Walton, E., Geisler, D., *Hass*, J., Liu, J., **Turner**, J., Yendiki, A., Smolka, M. N., Ho, B. C., Manoach, D. S., Gollub, R. L., Roessner, V., Calhoun, V. D., & Ehrlich, S. (2013) The impact of genome-wide supported schizophrenia risk variants in the neurogranin gene on brain structure and function. *PLoS One*, 8(10):e76815.
68. Walton, E., **Turner**, J., Gollub, R. L., Manoach, D. S., Yendiki, A., Ho, B. C., Sponheim, S. R., Calhoun, V. D., & Ehrlich, S. (2013) Cumulative genetic risk and prefrontal activity in patients with schizophrenia. *Schizophr Bull*, 39(3):703-711.
69. Walton, E., **Turner**, J. A., & Ehrlich, S. (2013) Neuroimaging and its potential role as a biomarker to optimize psychiatric research and drug treatment. *International Journal of Psychiatry*, 25(5):619-631.
70. Wright, C., **Turner**, J. A., Calhoun, V. D., & Perrone-Bizzozero, N. (2013) Potential impact of miR-137 and its targets in schizophrenia. *Frontiers in Genetics*, 4:58.
71. Chen, J., Liu, J., Calhoun, V. D., Arias-Vasquez, A., Zwiers, M. P., Gupta, C. N., Franke, B., & **Turner**, J. A. (2014) Exploration of scanning effects in multi-site structural MRI studies. *J Neurosci Methods*, 230:37-50.
72. Damaraju, E., Allen, E. A., Belger, A., Ford, J. M., McEwen, S., Mathalon, D. H., Mueller, B. A., Pearlson, G. D., Potkin, S. G., Preda, A., **Turner**, J. A., Vaidya, J. G., van Erp, T. G., & Calhoun, V. D. (2014) Dynamic functional connectivity analysis reveals transient states of dysconnectivity in schizophrenia. *NeuroImage. Clinical*, 5:298-308.
73. Ford, J. M., Morris, S. E., Hoffman, R. E., Sommer, I., Waters, F., McCarthy-Jones, S., Thoma, R. J., **Turner**, J. A., Keedy, S. K., Badcock, J. C., & Cuthbert, B. N. (2014) Studying hallucinations within the NIMH RDoC framework. *Schizophr Bull*, 40 Suppl 4:S295-304.
74. Hastings, J., Frishkoff, G. A., Smith, B., Jensen, M., Poldrack, R. A., Lomax, J., Bandrowski, A., Imam, F., **Turner**, J. A., & Martone, M. E. (2014) Interdisciplinary perspectives on the development, integration, and application of cognitive ontologies. *Front Neuroinform*, 8:62.
75. King, M. D., Wood, D., Miller, B., Kelly, R., Landis, D., Courtney, W., Wang, R., **Turner**, J. A., & Calhoun, V. D. (2014) Automated collection of imaging and phenotypic data to centralized and distributed data repositories. *Front Neuroinform*, 8:60.
76. Liu, J., Chen, J., Ehrlich, S., Walton, E., White, T., Perrone-Bizzozero, N., Bustillo, J., **Turner**, J. A., & Calhoun, V. D. (2014) Methylation patterns in whole blood correlate with symptoms in schizophrenia patients. *Schizophr Bull*, 40(4):769-776.
77. Mittal, V. A., Dean, D. J., Bernard, J. A., Orr, J. M., Pelletier-Baldelli, A., Carol, E. E., Gupta, T., **Turner**, J., Leopold, D. R., Robustelli, B. L., & Millman, Z. B. (2014) Neurological soft signs predict abnormal cerebellar-thalamic tract development and negative symptoms in adolescents at high risk for psychosis: a longitudinal perspective. *Schizophr Bull*, 40(6):1204-1215.
78. Nichols, B. N., Mejino, J. L., Detwiler, L. T., Nilsen, T. T., Martone, M. E., **Turner**, J. A., Rubin, D. L., & Brinkley, J. F. (2014) Neuroanatomical domain of the foundational model of anatomy ontology. *J Biomed Semantics*, 5(1):1.

79. Orr, J. M., **Turner**, J. A., & Mittal, V. A. (2014) Widespread brain dysconnectivity associated with psychotic-like experiences in the general population. *NeuroImage. Clinical*, 4:343-351.
80. Plis, S. M., Hjelm, D. R., Salakhutdinov, R., Allen, E. A., Bockholt, H. J., Long, J. D., Johnson, H. J., Paulsen, J. S., **Turner**, J. A., & Calhoun, V. D. (2014) Deep learning for neuroimaging: a validation study. *Front Neurosci*, 8:229.
81. Sarwate, A. D., Plis, S. M., **Turner**, J. A., Arbabshirani, M. R., & Calhoun, V. D. (2014) Sharing privacy-sensitive access to neuroimaging and genetics data: a review and preliminary validation. *Front Neuroinform*, 8:35.
82. *Sochat*, V., Supekar, K., Bustillo, J., Calhoun, V., **Turner**, J. A., & Rubin, D. L. (2014) A robust classifier to distinguish noise from fMRI independent components. *PLoS One*, 9(4):e95493.
83. Thompson, P. M., Stein, J. L., Medland, S. E., Hibar, D. P., Vasquez, A. A., Renteria, M. E., Toro, R., Jahanshad, N., Schumann, G., Franke, B., Wright, M. J., Martin, N. G., Agartz, I., Alda, M., Alhusaini, S., Almasy, L., Almeida, J., Alpert, K., Andreasen, N. C., Andreassen, O. A., Apostolova, L. G., Appel, K., Armstrong, N. J., Aribisala, B., Bastin, M. E., Bauer, M., Bearden, C. E., Bergmann, O., Binder, E. B., Blangero, J., Bockholt, H. J., Boen, E., Bois, C., Boomsma, D. I., Booth, T., Bowman, I. J., Bralten, J., Brouwer, R. M., Brunner, H. G., Brohawn, D. G., Buckner, R. L., Buitelaar, J., Bulayeva, K., Bustillo, J. R., Calhoun, V. D., Cannon, D. M., Cantor, R. M., Carless, M. A., Caseras, X., Cavalleri, G. L., Chakravarty, M. M., Chang, K. D., Ching, C. R., Christoforou, A., Cichon, S., Clark, V. P., Conrod, P., Coppola, G., Crespo-Facorro, B., Curran, J. E., Czisch, M., Deary, I. J., de Geus, E. J., den Braber, A., Delvecchio, G., Depondt, C., de Haan, L., de Zubicaray, G. I., Dima, D., Dimitrova, R., Djurovic, S., Dong, H., Donohoe, G., Duggirala, R., Dyer, T. D., Ehrlich, S., Ekman, C. J., Elvsashagen, T., Emsell, L., Erk, S., Espeseth, T., Fageress, J., Fears, S., Fedko, I., Fernandez, G., Fisher, S. E., Foroud, T., Fox, P. T., Francks, C., Frangou, S., Frey, E. M., Frodl, T., Frouin, V., Garavan, H., Giddaluru, S., Glahn, D. C., Godlewska, B., Goldstein, R. Z., Gollub, R. L., Grabe, H. J., Grimm, O., Gruber, O., Guadalupe, T., Gur, R. E., Gur, R. C., Goring, H. H., Hagenaars, S., Hajek, T., Hall, G. B., Hall, J., Hardy, J., Hartman, C. A., Hass, J., Hatton, S. N., Haukvik, U. K., Hegenscheid, K., Heinz, A., Hickie, I. B., Ho, B. C., Hoehn, D., Hoekstra, P. J., Hollinshead, M., Holmes, A. J., Homuth, G., Hoogman, M., Hong, L. E., Hosten, N., Hottenga, J. J., Hulshoff Pol, H. E., Hwang, K. S., Jack, C. R., Jr., Jenkinson, M., Johnston, C., Jonsson, E. G., Kahn, R. S., Kasperaviciute, D., Kelly, S., Kim, S., Kochunov, P., Koenders, L., Kramer, B., Kwok, J. B., Lagopoulos, J., Laje, G., Landen, M., Landman, B. A., Lauriello, J., Lawrie, S. M., Lee, P. H., Le Hellard, S., Lemaitre, H., Leonardo, C. D., Li, C. S., Liberg, B., Liewald, D. C., Liu, X., Lopez, L. M., Loth, E., Lourdasamy, A., Luciano, M., Macciardi, F., Machielsen, M. W., Macqueen, G. M., Malt, U. F., Mandl, R., Manoach, D. S., Martinot, J. L., Matarin, M., Mather, K. A., Mattheisen, M., Mattingsdal, M., Meyer-Lindenberg, A., McDonald, C., McIntosh, A. M., McMahon, F. J., McMahon, K. L., Meisenzahl, E., Melle, I., Milaneschi, Y., Mohnke, S., Montgomery, G. W., Morris, D. W., Moses, E. K., Mueller, B. A., Munoz Maniega, S., Muhleisen, T. W., Muller-Myhsok, B., Mwangi, B., Nauck, M., Nho, K., Nichols, T. E., Nilsson, L. G., Nugent, A. C., Nyberg, L., Olvera, R. L., Oosterlaan, J., Ophoff, R. A., Pandolfo, M., Papalampropoulou-Tsiridou, M., Papmeyer, M., Paus, T., Pausova, Z., Pearlson, G. D., Penninx, B. W., Peterson, C. P., Pfennig, A., Phillips, M., Pike, G. B., Poline, J. B., Potkin, S. G., Putz, B., Ramasamy, A., Rasmussen, J., Rietschel, M., Rijpkema, M., Risacher, S. L., Roffman, J. L., Roiz-Santianez, R., Romanczuk-Seiferth, N., Rose, E. J., Royle, N. A., Rujescu, D., Ryten, M., Sachdev, P. S., Salami, A., Satterthwaite, T. D., Savitz, J., Saykin, A. J., Scanlon, C., Schmaal, L., Schnack, H. G., Schork, A. J., Schulz, S. C., Schur, R., Seidman, L., Shen, L., Shoemaker, J. M., Simmons, A., Sisodiya, S. M., Smith, C., Smoller, J. W., Soares, J. C., Sponheim, S. R., Sprooten, E., Starr, J. M., Steen, V. M., Strakowski, S., Strike, L., Sussmann, J., Samann, P. G., Teumer, A., Toga, A. W., Tordesillas-Gutierrez, D., Trabzuni, D., Trost, S., **Turner**, J., Van den Heuvel, M., van der Wee, N. J., van Eijk, K., van Erp, T. G., van Haren, N. E., van 't Ent, D., van Tol, M. J., Valdes Hernandez, M. C., Veltman, D. J., Versace, A., Volzke, H., Walker, R., Walter, H., Wang, L., Wardlaw, J. M., Weale, M. E., Weiner, M. W., Wen, W., Westlye, L. T., Whalley, H. C., Whelan, C. D., White, T., Winkler, A. M., Wittfeld, K., Woldehawariat, G., Wolf, C., Zilles, D., Zwiers, M. P., Thalamuthu, A., Schofield, P. R., Freimer, N. B., Lawrence, N. S., Drevets, W. & the Alzheimer's Disease Neuroimaging Initiative, E. C. I. C. S. Y. S. G. (2014) The

ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain imaging and behavior*.

84. **Turner, J. A.** (2014) The rise of large-scale imaging studies in psychiatry. *Gigascience*, 3:29.
85. van Erp, T. G., Greve, D. N., Rasmussen, J., **Turner, J.**, Calhoun, V. D., Young, S., Mueller, B., Brown, G. G., McCarthy, G., Glover, G. H., Lim, K. O., Bustillo, J. R., Belger, A., McEwen, S., Voyvodic, J., Mathalon, D. H., Keator, D., Preda, A., Nguyen, D., Ford, J. M., Potkin, S. G., & Fbirm (2014) A multi-scanner study of subcortical brain volume abnormalities in schizophrenia. *Psychiatry Res*, 222(1-2):10-16.
86. van Erp, T. G., Guella, I., Vawter, M. P., **Turner, J.**, Brown, G. G., McCarthy, G., Greve, D. N., Glover, G. H., Calhoun, V. D., Lim, K. O., Bustillo, J. R., Belger, A., Ford, J. M., Mathalon, D. H., Diaz, M., Preda, A., Nguyen, D., Macciardi, F., & Potkin, S. G. (2014) Schizophrenia miR-137 locus risk genotype is associated with dorsolateral prefrontal cortex hyperactivation. *Biol Psychiatry*, 75(5):398-405.
87. van Erp, T. G., Preda, A., Nguyen, D., Faziola, L., **Turner, J.**, Bustillo, J., Belger, A., Lim, K. O., McEwen, S., Voyvodic, J., Mathalon, D. H., Ford, J., Potkin, S. G., & FBIRN. (2014) Converting positive and negative symptom scores between PANSS and SAPS/SANS. *Schizophr Res*, 152(1):289-294.
88. Walton, E., Geisler, D., Lee, P. H., *Hass, J.*, **Turner, J. A.**, Liu, J., Sponheim, S. R., White, T., Wassink, T. H., Roessner, V., Gollub, R. L., Calhoun, V. D., & Ehrlich, S. (2014) Prefrontal inefficiency is associated with polygenic risk for schizophrenia. *Schizophr Bull*, 40(6):1263-1271.
89. Wilcox, C. E., Dekonenko, C. J., Mayer, A. R., Bogenschutz, M. P., & **Turner, J. A.** (2014) Cognitive control in alcohol use disorder: deficits and clinical relevance. *Rev Neurosci*, 25(1):1-24.
90. Wood, D., King, M., Landis, D., Courtney, W., Wang, R., Kelly, R., **Turner, J. A.**, & Calhoun, V. D. (2014) Harnessing modern web application technology to create intuitive and efficient data visualization and sharing tools. *Front Neuroinform*, 8:71.
91. Yeo, R. A., Gangestad, S. W., Walton, E., Ehrlich, S., Pommy, J., **Turner, J. A.**, Liu, J. Y., Mayer, A. R., Schulz, S. C., Ho, B. C., Bustillo, J. R., Wassink, T. H., Sponheim, S. R., Morrow, E. M., & Calhoun, V. D. (2014) Genetic influences on cognitive endophenotypes in schizophrenia. *Schizophrenia Research*, 156(1):71-75.
92. Ford, J. M., Palzes, V. A., Roach, B. J., Potkin, S. G., van Erp, T. G., **Turner, J. A.**, Mueller, B. A., Calhoun, V. D., Voyvodic, J., Belger, A., Bustillo, J., Vaidya, J. G., Preda, A., McEwen, S. C., Functional Imaging Biomedical Informatics Research, N., & Mathalon, D. H. (2015) Visual hallucinations are associated with hyperconnectivity between the amygdala and visual cortex in people with a diagnosis of schizophrenia. *Schizophr Bull*, 41(1):223-232.
93. Gupta, N.C., Chen, J., Liu, J., Damaraju, E., Wright, C., Perrone-Bizzozero, N. I., Pearlson, G., Luo, L., Michael, A. M., **Turner, J. A.**, & Calhoun, V. D. (2015) Genetic markers of white matter integrity in schizophrenia revealed by parallel ICA. *Front Hum Neurosci*, 9:100.
94. *Hass, J.*, Walton, E., Kirsten, H., **Turner, J.**, Wolthusen, R., Roessner, V., Sponheim, S. R., Holt, D., Gollub, R., Calhoun, V. D., & Ehrlich, S. (2015) Complexin2 modulates working memory-related neural activity in patients with schizophrenia. *European archives of psychiatry and clinical neuroscience*, 265(2):137-145.
95. *Hass, J.*, Walton, E., Wright, C., Beyer, A., Scholz, M., **Turner, J.**, Liu, J., Smolka, M. N., Roessner, V., Sponheim, S. R., Gollub, R. L., Calhoun, V. D., & Ehrlich, S. (2015) Associations between DNA methylation and schizophrenia-related intermediate phenotypes - a gene set enrichment analysis. *Progress in neuro-psychopharmacology & biological psychiatry*, 59:31-39.
96. Hibar, D. P., Stein, J. L., Renteria, M. E., Arias-Vasquez, A., Desrivieres, S., Jahanshad, N., Toro, R., Wittfeld, K., Abramovic, L., Andersson, M., Aribisala, B. S., Armstrong, N. J., Bernard, M., Bohlken, M. M., Boks, M. P., Bralten, J., Brown, A. A., Mallar Chakravarty, M., Chen, Q., Ching, C. R., Cuellar-Partida, G., den Braber, A., Giddaluru, S., Goldman, A. L., Grimm, O., Guadalupe, T., *Hass, J.*, Woldehawariat, G., Holmes, A. J., Hoogman, M., Janowitz, D., Jia, T., Kim, S., Klein, M., Kraemer, B., Lee, P. H., Olde Loohuis, L. M., Luciano, M., Macare, C., Mather, K. A., Mattheisen, M., Milaneschi, Y.,

- Nho, K., Pappmeyer, M., Ramasamy, A., Risacher, S. L., Roiz-Santianez, R., Rose, E. J., Salami, A., Samann, P. G., Schmaal, L., Schork, A. J., Shin, J., Strike, L. T., Teumer, A., van Donkelaar, M. M., van Eijk, K. R., Walters, R. K., Westlye, L. T., Whelan, C. D., Winkler, A. M., Zwiers, M. P., Alhusaini, S., Athanasiu, L., Ehrlich, S., Hakobjan, M. M., Hartberg, C. B., Haukvik, U. K., Heister, A. J., Hoehn, D., Kasperaviciute, D., Liewald, D. C., Lopez, L. M., Makkinje, R. R., Matarin, M., Naber, M. A., Reese McKay, D., Needham, M., Nugent, A. C., Putz, B., Royle, N. A., Shen, L., Sprooten, E., Trabzuni, D., van der Marel, S. S., van Hulzen, K. J., Walton, E., Wolf, C., Almasy, L., Ames, D., Arepalli, S., Assareh, A. A., Bastin, M. E., Brodaty, H., Bulayeva, K. B., Carless, M. A., Cichon, S., Corvin, A., Curran, J. E., Czisch, M., de Zubicaray, G. I., Dillman, A., Duggirala, R., Dyer, T. D., Erk, S., Fedko, I. O., Ferrucci, L., Foroud, T. M., Fox, P. T., Fukunaga, M., Raphael Gibbs, J., Goring, H. H., Green, R. C., Guelfi, S., Hansell, N. K., Hartman, C. A., Hegenscheid, K., Heinz, A., Hernandez, D. G., Heslenfeld, D. J., Hoekstra, P. J., Holsboer, F., Homuth, G., Hottenga, J. J., Ikeda, M., Jack, C. R., Jr., Jenkinson, M., Johnson, R., Kanai, R., Keil, M., Kent, J. W., Jr., Kochunov, P., Kwok, J. B., Lawrie, S. M., Liu, X., Longo, D. L., McMahon, K. L., Meisenzahl, E., Melle, I., Mohnke, S., Montgomery, G. W., Mostert, J. C., Muhleisen, T. W., Nalls, M. A., Nichols, T. E., Nilsson, L. G., Nothen, M. M., Ohi, K., Olvera, R. L., Perez-Iglesias, R., Bruce Pike, G., Potkin, S. G., Reinvang, I., Reppermund, S., Rietschel, M., Romanczuk-Seiferth, N., Rosen, G. D., Rujescu, D., Schnell, K., Schofield, P. R., Smith, C., Steen, V. M., Sussmann, J. E., Thalamuthu, A., Toga, A. W., Traynor, B. J., Troncoso, J., **Turner**, J. A., Valdes Hernandez, M. C., van 't Ent, D., van der Brug, M., van der Wee, N. J., van Tol, M. J., Veltman, D. J., ... Thompson, P. M. & Medland, S. E. (2015) Common genetic variants influence human subcortical brain structures. *Nature*, 520(7546):224-229.
97. Lee, H. J., Preda, A., Ford, J. M., Mathalon, D. H., Keator, D. B., TG, V. E., **Turner**, J. A., & Potkin, S. G. (2015) Functional Magnetic Resonance Imaging of Motor Cortex Activation in Schizophrenia. *Journal of Korean Medical Science*, 30:625-631.
98. *Wright*, C., Calhoun, V. D., Ehrlich, S., Wang, L., **Turner**, J. A., & Bizzozero, N. I. (2015) Meta gene set enrichment analyses link miR-137-regulated pathways with schizophrenia risk. *Front Genet*, 6:147.
99. Chavarria-Siles, I. M., White, T., Goudrian, A., Lips, E., Ehrlich, S., **Turner**, J. A., Calhoun, V. D., Gollub, R. L., Magnotta, V. A., Ho, B. C., Smit, A. B., Verheijen, M. H., & Posthuma, D. (In press) Myelination-related genes are associated decreased white matter integrity in schizophrenia. *European Journal of Human Genetics*
100. Chen, J., Hutchison, K., Calhoun, V., Claus, E., **Turner**, J. A., Sui, J., & Liu, J. (2015) CREB-BDNF Pathway Influences Alcohol Cue-Elicited Activation in Drinkers. *Human Brain Mapping*, 36(8):3007-3019.
101. Fryer, S., Roach, B. J., Ford, J., **Turner**, J., van Erp, T., Voyvodic, J., Preda, A., Belger, A., Bustillo, J., O'Leary, D., Mueller, B., Lim, K., McEwen, S., Calhoun, V., Diaz, M., Glover, G., Greve, D., Wible, C., Vaidya, J., Potkin, S. G., & Mathalon, D. (In press) Relating intrinsic low frequency bold cortical oscillations to cognition in schizophrenia. *Neuropsychopharmacology*.
102. Gupta, N. C., Calhoun, V. D., Rachakonda, S., Chen, J., Liu, J., Segall, J., Franke, B., Zwiers, M., Arias-Vasquez, A., Buitelaar, J., Fisher, S. E., Fernandez, G., van Erp, T. G., Potkin, S. G., Ford, J. M., Mathalon, D. H., McEwen, S., Lee, H. J., Mueller, B. A., Greve, D. N., Andreassen, O. A., Agartz, I., Gollub, R. L., Sponheim, S. R., Ehrlich, S., Wang, L., Pearlson, G. D., Glahn, D. C., Sprooten, D., Mayer, A. R., Stephen, J., Jung, R. E., Canive, J. M., Bustillo, J., & **Turner**, J. A. (In press) Patterns of gray matter abnormalities in schizophrenia based on an international mega-analysis. *Schizophrenia Bulletin*.
103. van Erp, T. G., Hibar, D. P., Rasmussen, J. M., Glahn, D. C., Pearlson, G. D., Andreassen, O. A., Agartz, I., Westlye, L. T., Haukvik, U. K., Dale, A. M., Melle, I., Hartberg, C. B., Gruber, O., Kraemer, B., Zilles, D., Donohoe, G., Kelly, S., McDonald, C., Morris, D. W., Cannon, D. M., Corvin, A., Machielsen, M. W., Koenders, L., de Haan, L., Veltman, D. J., Satterthwaite, T. D., Wolf, D. H., Gur, R. C., Gur, R. E., Potkin, S. G., Mathalon, D. H., Mueller, B. A., Preda, A., Macciardi, F., Ehrlich, S., Walton, E., Hass, J., Calhoun, V. D., Bockholt, H. J., Sponheim, S. R., Shoemaker, J. M., van Haren, N. E., Pol, H. E., Ophoff, R. A., Kahn, R. S., Roiz-Santianez, R., Crespo-Facorro, B., Wang, L., Alpert, K. I., Jonsson, E. G.,

- Dimitrova, R., Bois, C., Whalley, H. C., McIntosh, A. M., Lawrie, S. M., Hashimoto, R., Thompson, P. M., & **Turner**, J. A. (In press) A Prospective Meta-Analysis comparing Subcortical Brain Volume Abnormalities in 2,028 Patient with Schizophrenia and 2,540 Controls via the ENIGMA Consortium. *Molecular Psychiatry*.
104. Miller, R. L., Erhardt, E. B., Agcaoglu, O., Allen, E. A., Michael, A. M., **Turner**, J. A., Bustillo, J., Ford, J. M., Mathalon, D. H., Van Erp, T. G., Potkin, S., Preda, A., Pearlson, G., & Calhoun, V. D. (2015) Multidimensional frequency domain analysis of full-volume fMRI reveals significant effects of age, gender, and mental illness on the spatiotemporal organization of resting-state brain activity. *Front Neurosci*, 9:203.
105. *Wolthusen*, R. P. F., Hass, J., Walton, E., **Turner**, J. A., Rossner, V., Sponheim, S. R., Ho, B. C., Holt, D. J., Gollub, R. L., Calhoun, V., & Ehrlich, S. (2015) Genetic underpinnings of left superior temporal gyrus thickness in patients with schizophrenia. *World J Biol Psychia*, 16(6):430-440.
106. Patel, V. S., Kelly, S., Wright, C., Gupta, C. N., Arias-Vasquez, A., Perrone-Bizzozero, N., Ehrlich, S., Wang, L., Bustillo, J. R., Morris, D., Corvin, A., Cannon, D. M., McDonald, C., Donohoe, G., Calhoun, V. D., & **Turner**, J. A. (2015) MIR137HG risk variant rs1625579 genotype is related to corpus callosum volume in schizophrenia. *Neuroscience Letters*, 602:44-49.
107. *Sprooten*, E., *Gupta*, C. N., Knowles, E. E. M., McKay, D. R., Mathias, S. R., Curran, J. E., Kent, J. W., Carless, M. A., Almeida, M. A., Dyer, T. D., Goring, H. H. H., Olvera, R. L., Kochunov, P., Fox, P. T., Duggirala, R., Almasy, L., Calhoun, V. D., Blangero, J., **Turner**, J. A., & Glahn, D. C. (2015) Genome-wide significant linkage of schizophrenia-related neuroanatomical trait to 12q24. *Am J Med Genet B*, 168(8):678-686.
108. Thompson, P. M., Andreassen, O. A., Arias-Vasquez, A., Bearden, C. E., Boedhoe, P. S., Brouwer, R. M., Buckner, R. L., Buitelaar, J. K., Bulaeva, K. B., Cannon, D. M., Cohen, R. A., Conrod, P. J., Dale, A. M., Deary, I. J., Dennis, E. L., de Reus, M. A., Desrivieres, S., Dima, D., Donohoe, G., Fisher, S. E., Fouche, J. P., Francks, C., Frangou, S., Franke, B., Ganjgahi, H., Garavan, H., Glahn, D. C., Grabe, H. J., Guadalupe, T., Gutman, B. A., Hashimoto, R., Hibar, D. P., Holland, D., Hoogman, M., Pol, H. E., Hosten, N., Jahanshad, N., Kelly, S., Kochunov, P., Kremen, W. S., Lee, P. H., Mackey, S., Martin, N. G., Mazoyer, B., McDonald, C., Medland, S. E., Morey, R. A., Nichols, T. E., Paus, T., Pausova, Z., Schmaal, L., Schumann, G., Shen, L., Sisodiya, S. M., Smit, D. J., Smoller, J. W., Stein, D. J., Stein, J. L., Toro, R., **Turner**, J. A., van den Heuvel, M., van den Heuvel, O. A., van Erp, T. G., van Rooij, D., Veltman, D. J., Walter, H., Wang, Y., Wardlaw, J. M., Whelan, C. D., Wright, M. J., Ye, J., & Consortium, E. (In press) ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. *Neuroimage*.
109. van Erp, T. G., Preda, A., **Turner**, J. A., Callahan, S., Calhoun, V. D., Bustillo, J. R., Lim, K. O., Mueller, B., Brown, G. G., Vaidya, J. G., McEwen, S., Belger, A., Voyvodic, J., Mathalon, D. H., Nguyen, D., Ford, J. M., Potkin, S. G., & FBIRN (2015) Neuropsychological profile in adult schizophrenia measured with the CMINDS. *Psychiatry Res*, 230(3):826-834.
110. Wang, L., Alpert, K., Calhoun, V., Keator, D., King, M., Kogan, A., Landis, D., Tallis, M., Potkin, S.G., **Turner**, J. A., & Ambite, J. L. (2015) Schizconnect: A one-stop web-based resource for large-scale schizophrenia neuroimaging data integration. *Schizophrenia Bulletin*, 41:S279-S279.
111. Landis, D., Courtney, W., Dieringer, C., Kelly, R., King, M., Miller, B., Wang, R., Wood, D., Turner, J. A., & Calhoun, V. D. (In Press) COINS Data Exchange: An open platform for compiling, curating, and disseminating neuroimaging data. *Neuroimage*.
112. Laird, A. R., Riedel, M. C., Sutherland, M. T., Eickhoff, S. B., Ray, K. L., Uecker, A. M., Fox, P. M., Turner, J. A., & Fox, P. T. (2015) Neural architecture underlying classification of face perception paradigms. *Neuroimage*, 119:70-80.

Complete List of Published Work in My Bibliography:

<http://www.ncbi.nlm.nih.gov/myncbi/jessica.turner.1/bibliography/40323436/public/?sort=date&direction=ascending>

Book chapters

1. MacKenzie, R., Zak, P., and **Turner, J.** The Neuroeconomics of Rational Decision-Making. In *Predictably Rational?: In Search of Defenses for Rational Behavior in Economics*, Springer, 2009, 175-202.

Peer Reviewed Conference Papers

1. Lee, H., **Turner, J.A.**, and Potkin, S.G., *Scalable parallel reconstruction algorithm for magnetic resonance images*, in *Proceedings of the 2004 International Conference on Parallel and Distributed Processing Techniques and Applications*. 2004: Las Vegas, NV. p. 73-79.
2. Lee, H., **Turner, J.**, and BIRN, F., *Task Distribution Methods for the Reconstruction of MR Images.* , in *Proceedings of the 5th International Conference on Parallel and Distributed Computing, Applications and Technologies*. 2004: Singapore. p. 257-266.
3. Lee, H. and **Turner, J.**, *Parallel reconstruction algorithms for MRIs*, in *Proceedings of the 3rd International Conference on Computer and Information Science (ICIS '04)*. 2004: Los Angeles. p. 55-62.
4. Bug, W., Astahkov, V., Boline, J., Fennema-Notestine, C., Grethe, J.S., Gupta, A., Kennedy, D.N., Rubin, D.L., Sanders, B., **Turner, J.A.**, and Martone, M.E., *Data federation in the Biomedical Informatics Research Network: tools for semantic annotation and query of distributed multiscale brain data*, in *AMIA Annu Symp Proc*. 2008. p. 1220.
5. Chakrabarti, C., Jones, T.B., Xu, J.F., Luger, G.F., Laird, A.R., Turner, M.D., and **Turner, J.A.** *A Probabilistic Framework for Ontology-Based Annotation in Neuroimaging Literature*, in *2013 Bio-ontologies Special Interest Group, ISMB*. 2013. Berlin.
6. Ren, D., Ma, L., Zhang, Y., Sunderraman, R., Fox, P. T., Laird, A. R., **Turner, J. A.**, & Turner, M. D. *Online Biomedical Publication Classification Using Multi-Instance Multi-Label Algorithms with Feature Reduction* , in *IEEE ICCI*CC15 2015:Beijing, China*. Forthcoming.

C3. Professional Presentations

Organized symposia

- | | |
|------|---|
| 2009 | <i>Neurocognitive ontologies: Methods for sharing and integration of human brain data</i> , Symposium at the Annual Meeting of the Organization for Human Brain Mapping. |
| 2010 | <i>fMRI in Clinical Trials: Promise, Progress, and Path Forward</i> , Symposium co-organized with Adam Schwarz, Lilly Pharmaceuticals, presented at the Annual Meeting of the Organization for Human Brain Mapping (Barcelona). |
| 2011 | <i>Imaging Genetics: Multivariate Analyses for Neural and Genetic Circuitry</i> , Workshop at the Annual Meeting of the Organization for Human Brain Mapping, Quebec. |
| 2015 | <i>Harmonize This! Analyzing Diverse Neuroimaging Datasets</i> , Satellite meeting to the Annual Meeting of the Organization for Human Brain Mapping (Honolulu). |

Invited symposia and workshops

- 2001 *Phantom pain and cortical reorganization*. Symposium presentation, *Neuroimaging and Clinical Rehabilitation*, American Psychological Association Annual Meeting, San Francisco.
- 2003 *Reproducing fMRI results: The BIRN Experience*. Presentation to the VISN 22 Mental Illness Research, Education, and Clinical Center MIRECC Workshop, Huntington Beach, CA.
- 2003 *Brain Imaging of Spinal Cord Injury*. Spinal Cord Injury Research Workshop presentation at the Long Beach VA Spinal Cord Conference and Training, Long Beach, CA.
- 2006 *Calibration strategies to improve data comparability*. NIMH Workshop on Optimizing fMRI approaches to Adolescent Mental Disorders, August 17-18, 2006
- 2008 *Imaging for geneticists*, Workshop presented at the Fourth International Imaging Genetics Conference, Irvine, CA.
- 2009 *Imaging for geneticists*, Workshop presented at the Fifth International Imaging Genetics Conference, Irvine, CA.
- 2009 *NeuroLex's ontology for fMRI data sharing*, as part of *Neurocognitive ontologies: Methods for sharing and integration of human brain data*, Symposium at the Annual Meeting of the Organization for Human Brain Mapping.
- 2010 *Neuroinformatics and connectomics*, a nanosymposium co-chaired with Maryann Martone, UCSD, at the Annual Meeting for the Society for Neuroscience, San Diego.
- 2011 *Ontologies and Neuroimaging Datasharing*. Presentation to the *International Neuroinformatics Coordinating Facility Data Sharing Task Force Workshop*, Quebec City, Quebec.
- 2012 *Parallel ICA Workshop*, presented at the Radboud University, Nijmegen, Netherlands; and at the University Hospital Carl Gustav Carus at the Technical University of Dresden, Germany.
- 2013 *Voxelwise and independent components analysis of low-frequency fluctuations in the FBIRN resting state dataset*. Presentation given as part of the What does resting state fMRI teach us about brain abnormalities in schizophrenia? symposium at the 14th International Congress on Schizophrenia Research, Orlando Grande Lakes, FL.
- 2013 *Data Driven Methods for Neuroimaging Phenotypes: Progress and Pitfalls*, presentation given as part of the Functional Data-Driven Atlases of the Brain OHBM morning workshop at the Annual Meeting of the Organization for Human Brain Mapping, Seattle WA.
- 2013 *Cognitive Ontologies as Top-Down Descriptions: AKA Semantics for meta-analysis*, presentation given as part of the Neuroimaging Meta-Analysis OHBM educational workshop at the Annual Meeting of the Organization for Human Brain Mapping, Seattle WA.
- 2013 *The informatics underlying meta-analysis and reproducibility in neuroimaging*, a workshop organized for the International Neuroinformatics Coordinating Facility Congress, Stockholm, Sweden.
- 2013 *Identifying Imaging Phenotypes: A Prospective Meta-Analysis of Subcortical Brain Volumes in Schizophrenia via the ENIGMA Consortium*, presentation given as part of the Enhancing Neuro Imaging Genetics through Meta-Analysis: Results from the ENIGMA Consortium symposium at the World Congress for Psychiatric Genetics, Boston MA.
- 2014 *The hallucinating brain*. Presentation given at the Functional Imaging Workshop, GSU.

- 2014 *Sources of actual imaging data for mega- or meta-analyses.* Presentation given as part of the Neuroimaging Meta-analysis OHBM Educational Workshop, at the Annual Meeting of the Organization for Human Brain Mapping, Hamburg, Germany.
- 2015 *Considerations for multiple scanning sites in a clinical imaging trial.* Presentation at the Pennington Scientific Symposium, Functional MRI in Clinical Trials: State of the Science and Future Directions, Dec 1-3, Baton Rouge, LA.

Invited Lectures & Colloquia

- 1997 *Perception of structure from motion.* Colloquium given at the Center for Molecular and Behavioral Neuroscience, Rutgers the State University of New Jersey, Newark, NJ.
- 1999 *Perception of structure from optic flow in human and non-human primates.* Grand Rounds presentation given to the Edison Imaging Center, Edison, NJ.
- 2000 *Sensorimotor representations after spinal cord injury.* Colloquium given to the Department of Physical Education and Kinesiology, California State University, Long Beach.
- 2001 *Sensorimotor representations after spinal cord injury.* Grand Rounds presentation given to the Radiology Department, Long Beach VA Healthcare System, Long Beach, CA.
- 2002 *Advances in Neuroimaging Techniques.* Panel presentation at the UCI Neuroscience Symposium, October 25, Irvine, CA.
- 2002 *Phantom pains and cortical reorganization.* Presentations given to the Mutual Amputee Aid Foundation (MAAF) monthly meetings, Culver City and Torrance, CA.
- 2003 *Multi-site fMRI calibration: Assessing Variability.* Brain Imaging Colloquium, University of California, Irvine.
- 2003 *Neuroplasticity of the Central Nervous System after Spinal Cord Injury.* Panel presentation at the Long Beach VA Spinal Cord Conference and Training, Long Beach, CA.
- 2005 *Multi-site fMRI calibration and combination.* Brain Imaging Colloquium, University of California, Irvine.
- 2008 *Working Memory Networks in Schizophrenia Modulate With Memory Load and Response Time.* Brain Imaging Colloquium, University of California, Irvine.
- 2008 *The FBIRN project: Multi-center functional neuroimaging in clinical populations.* Colloquium for CanAssist, Faculty of Engineering, University of Victoria, Canada.
- 2008 *Working memory retrieval dysfunction in schizophrenia: Evidence from imaging and genetics.* Grand Rounds presented to the Department of Psychiatry and Human Behavior, UC Irvine, CA.
- 2008 *The FBIRN project: Multi-center functional neuroimaging in clinical populations.* Colloquium presented to the Department of Psychiatry, University of Iowa, IA.
- 2009 *Combining structure and function in schizophrenia.* Brain Imaging Colloquium, University of California, Irvine.
- 2009 *Imaging genetics.* Lecture presented to Neuroimaging Analysis course (BME 254), Department of Biomedical Engineering, University of California, Irvine.

- 2009 *An initial imaging genetics analysis in schizophrenia: Combining structure and function.* Presentation at Fifth International Imaging Genetics Conference, Irvine, CA.
- 2009 *Working memory in schizophrenia: Regions, circuits, and genetic networks.* Colloquium to the Mind Research Network, Albuquerque, NM.
- 2010 *Working memory in schizophrenia: Regions, circuits, and genetic networks.* Grand Rounds presented to the Department of Psychiatry, UNM.
- 2010 *Brain imaging and genetic networks in schizophrenia.* ECE 590 Seminar, Department of Electrical & Computer Engineering, UNM.
- 2010 *Structural changes in the schizophrenic brain.* Grand Rounds presented to the Department of Psychiatry, UNM.
- 2010 *Ontologies for Data Integration and Biomedical Research.* Colloquium presented to the Computer Science Department, UNM.
- 2011 *Working memory in schizophrenia.* Colloquium presented at the Texas Tech Health Sciences Center, El Paso TX.
- 2011 *The schizophrenic brain.* Lecture presented to ECE 595/CS 491, Computer Science Dept and Dept of Electrical and Computer Engineering, UNM.
- 2011 *The schizophrenic brain, Parts 1 and 2.* Lecture presented to Psychiatry residents, Dept. of Psychiatry, UNM.
- 2011 *Inside the Schizophrenic Brain.* Colloquium to the Mind Research Network, Albuquerque, NM.
- 2011 *The ethics of multi-site collaborative studies.* Ethics CME colloquium to the Mind Research Network, Albuquerque, NM.
- 2011 *The genetics of gray matter loss in schizophrenia.* Colloquium presented to the Dept. of Neuroscience, UNM.
- 2011 *Neuroimaging datasharing standards.* Invited presentation to the First Meeting of the Belgian Node of the International Neuroinformatics Coordinating Facility (INCF).
- 2012 *Multivariate methods for identifying genetic effects on brain imaging measures.* Colloquium presentation at Radboud University, Nijmegen, Netherlands.
- 2012 *ICA as a data fusion technique in imaging genetics.* Colloquium presented at the University Hospital Carl Gustav Carus, at the Technical University of Dresden, Germany.
- 2012 *Cognitive Paradigm Ontology.* Webinar given with Angela R. Laird (UTHSC, San Antonio) as part of the Neuroscience Information Framework (NIF) series.
- 2012 *What do cognitive experiments tell us about cognitive processes?* Presentation given in the *Towards an Ontology of Mental Functioning workshop*, ICBO 2012 (talk given remotely).
- 2012 *Methods for combining fMRI and genetics data.* Colloquium presented to the InterMountain Neuroimaging Consortium, UC Boulder. (talk given remotely)
- 2013 *Combining neuroimaging and genetics in the study of schizophrenia.* Colloquium presented to the Departments of Psychology and Neuroscience, Georgia State University.

- 2013 *BrainMap Tracker Project*. Invited presentation to the annual meeting of the National Center for Biomedical Ontologies, Stanford, California.
- 2013 *Multivariate approaches to identifying imaging and genetic markers in schizophrenia*. Invited presentation at the NINDS Huntington's Disease Workshop, February 2013.
- 2014 *Neuroimaging and genetics: Carving up a big data space*. Presentation given to the Georgia Tech Neuroscience Club, March 13, 2014.
- 2014 *Studying Psychotic Hallucinations: Brain Structure, Function, and Genetics*. Colloquium presented to the Department of Human Genetics, Radboud University, Nijmegen, The Netherlands. June 6, 2014.
- 2015 *Structural imaging genetics in schizophrenia: From voxels to volumes to networks*. Invited presentation at the Eleventh Annual International Imaging Genetics Conference, Irvine, CA, January 20.
- 2015 *From points to pathways: Structural imaging genetics in Schizophrenia*. Colloquium given to the Neuroscience Institute, Georgia State University, February 3.
- 2015 *Mining the GWAS: Genetic influences on gray matter deficits in schizophrenia*. Webinar given to the Statistical and Applied Mathematical Institute (SAMSI), Program on Beyond Bioinformatics, University of North Carolina, Chapel Hill, April 10 (talk given remotely).
- 2015 *Genetic networks and gray matter deficits in schizophrenia*. Colloquium presented to the John and Mary Franklin Foundation Neuroimaging Training Program at the University of Georgia, Athens, May 7.

Conference Presentations

1. Turner, J. A. & Braunstein, M. L. (1994) Ability to detect a gap in a transparent motion display. *Association for Research in Vision and Ophthalmology*, Sarasota, FL.
2. Cho, Y., Domini, F., Turner, J., Richman, S., & Turner, M. (1996) The Muller-Lyer illusion in a reaching task. *Association for Research in Vision and Ophthalmology*, Sarasota, FL.
3. Turner, J. A. & Braunstein, M. L. (1996) Bimodality and gap detection in transparent motion displays. *Association for Research in Vision and Ophthalmology*, Sarasota, FL.
4. Braunstein, M. L., Sauer, C., Turner, J. A., & Andersen, G. J. (1997) Perceived depth of structure-from-motion objects in a motion parallax scene. *Psychonomic Society Meeting*, Philadelphia, PA.
5. Braunstein, M. L., Turner, J. A., & Sauer, C. (1997) The effects of collimation on perceived depth. *Association for Research in Vision and Ophthalmology*, Fort Lauderdale, FL.
6. Turner, J. A. & Braunstein, M. L. (1997) Spatial integration in speed distribution displays. *Association for Research in Vision and Ophthalmology*, Fort Lauderdale, FL.
7. Quraishi, S. A., Phinney, R. E., Turner, J. A., McCollum, J. F., & Siegel, R. M. (1998) Changes in tuning to optic flow during a match-to-sample task in macaque parietal area 7A. *Annual Meeting of the Society for Neuroscience*, Los Angeles, CA.
8. Siegel, R. M., Turner, J. A., & Phinney, R. E. (1998) Propagating waves and spatio-temporal chaos in a model of layer II/III of visual cortex. *Annual Meeting of the Society for Neuroscience*, Los Angeles, CA.
9. Turner, J. A., Anderson, K. C., Phinney, R. E., & Siegel, R. M. (1998) Optic flow selectivity in macaque 7a and STPa: Using temporal discriminants. *Annual Meeting of the Society for Neuroscience*, Los Angeles, CA.
10. Turner, J. A., Phinney, R. E., & Siegel, R. M. (1999) Differential activation of cortex by visual or auditory imagery. *Investigative & Ophthalmologic Vision Sciences*.

11. Turner, J. A., Phinney, R. E., & Siegel, R. M. (1999) Quantitative maps of retinotopy and angle of gaze from optical imaging in behaving macaque. *Annual Meeting of the Society for Neuroscience*, Miami, FL.
12. Lacourse, M. G., Turner, J. A., Lee, J. S., & Cohen, M. J. (2000) fMRI evidence for altered cortical sensorimotor processes following motor imagery practice. *Society for Neuroscience Meeting*, New Orleans, LA.
13. Lee, J. S., Turner, J. A., Schandler, S. L., & Cohen, M. J. (2000) The long-term effects of spinal-cord injury on sensorimotor cortex. *Society for Neuroscience Annual Meeting*, New Orleans, LA.
14. Lee, J. S., Turner, J. A., Schandler, S. L., & Cohen, M. J. (2000) Reorganization of sensory cortex after spinal cord injury. *Annual Meeting of the American Paraplegia Society*, Las Vegas, NV.
15. Lee, J. S., Turner, J. A., Cohen, M. J. (2000) Reorganization of sensory cortex after spinal cord injury. *Annual Meeting of the Organization for Human Brain Mapping*, San Antonio, TX.
16. Schandler, S. L., Cohen, M. J., Turner, J. A., Lee, J. S., & Leach, W. L. (2000) Altered sensory cortical processing results in reduced higher-level information operations in persons with alcoholism risk. *Society for Psychophysiological Research*, San Diego, CA.
17. Turner, J. A., Lee, J. S., & Cohen, M. J. (2000) Hand representations in motor cortex after spinal cord injury. *Annual Meeting of the Organization for Human Brain Mapping*, San Antonio, TX.
18. Turner, J. A., Lee, J. S., Schandler, S. L., & Cohen, M. J. (2000) Hand representation in motor cortex after spinal cord injury. *Annual Meeting of the American Paraplegia Society*, Las Vegas, NV.
19. Turner, J. A., Lee, J. S., Schandler, S. L., & Cohen, M. J. (2000) Motor maps after quadriplegic spinal cord injury. *Annual Meeting of the Society for Neuroscience*, New Orleans, LA.
20. Lacourse, M. G., Turner, J. A., Lee, J. S., & Cohen, M. J. (2001) FMRI evidence for cerebellar plasticity following motor imagery practice. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
21. Siegel, R. M., Phinney, R. E., Turner, J. A., & Jando, G. (2001) Changing angle-of-gaze field topography in inferior parietal lobule of behaving monkey evaluated using optical imaging. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
22. Turner, J. A., Lee, J. S., Schandler, S. L., & Cohen, M. J. (2001) Thalamic activity in limb movements. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
23. Lacourse, M. G., Turner, J. A., Velez, L., Randolph-Orr, E., & Turnbaugh, K. (2002) Mental practice and cerebellar plasticity. *Annual Meeting of the American Paraplegia Society*, Las Vegas, NV.
24. Turner, J. A., Schandler, S. L., & Cohen, M. J. (2002) Cortical atrophy in spinal cord injury. *Annual Meeting of the Society for Neuroscience*, Orlando, FL.
25. Lacourse, M. G., Turner, J. A., & Randolph-Orr, E. (2003) Motor sequence learning following motor imagery practice is associated with functional plasticity of extrastriate and working memory areas. *Annual Meeting of the Organization for Human Brain Mapping*, New York, NY.
26. Potkin, S. G., Andreasen N, Belger A, Brown G, Ford J, Glover G, Golub R, Heckers S, Lauriello J, Lieberman J, Lim KO, McCarley R, McCarthy G, Rosen B, Toga A, Turner J, Wible C (2003) Multi-Site Brain FMRI Imaging Studies in Schizophrenia Using the BIRN Methodology: Cognitive Tasks and Clinical Correlates. *International Congress on Schizophrenia Research (Workshop)*, Denver CO.
27. Potkin, S. G., Turner, J. A., Brown, G. G., Glover, G. H., Heckers, S., Keator, D. B., Grethe, J. S., & BIRN, F. (2003) Biomedical Informatics Research Network: Functional Imaging Research in Schizophrenia Testbed. *Annual Meeting of the Society for Neuroscience*, New Orleans, LA.
28. Potkin, S. G., Turner JA, Brown GG, Glover GH, Heckers S, Keator DB, Grethe JS, FIRST BIRN (2003) Biomedical Informatics Research Network: Functional Imaging Research in Schizophrenia Test Bed. *Annual Meeting of the Society for Neuroscience*, New Orleans, LA.
29. Turner, J. A., Potkin SG, Brown GG, Glover GH, Greve D, Keator DB, McCarthy G, Grethe JS, Wible CG, Lim K, Toga AW, Andreasen NC, O'Leary D, FIRST BIRN. (2003) Biomedical Informatics

Research Network: Integrating multi-site human functional imaging acquisition and analysis. *Biomedical Information Science and Technology Initiative (BISTI) Symposium*, Bethesda, MD.

30. Turner, J. A., Schandler, S. L., Lacourse, M. G., & Cohen, M. J. (2003) Phantom limb movement activates similar networks as actual movement. *Annual Meeting of the Organization for Human Brain Mapping*, New York, NY.
31. Potkin, S. G., Brown GG, Glover GH, McCarthy G, Lim KO, Gollub R, Rosen B, Toga A, Kikinis R, Dale A, Lauriello J, O'Leary O, Lieberman J, Belger A, Greve D, Friedman L, Cannon T, Keator DB, Grethe JS, Turner JA, Function BIRN. (2004) Functional Biomedical Informatics Research Network: Multi-Center fMRI Methods. *American College of Neuropsychopharmacology Meeting*, San Juan, Puerto Rico.
32. Turner, J. A., Lee HJ, Wible C, McCarthy G, Potkin SG, FIRST BIRN (2004) The stability of auditory activation in functional magnetic resonance imaging data across sessions and sites. *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, CA.
33. Turner, J. A., Potkin, S.G., Glover, G., McCarthy, G., Gollub, R.L., Brown, G., Dale, A., Grethe, J.S., Friedman, L., Keator, D.B., FIRST BIRN. (2004) Biomedical Informatics Research Network: Functional Imaging Research In Schizophrenia Testbed. *Annual Meeting of the Organization for Human Brain Mapping*, Budapest, Hungary.
34. Kemp, A. S., Turner JA, Lee HJ, Trondsen LC, Gooch KN, Mirski D, Potkin SG, FIRST BIRN (2005) The Neurocognitive Correlates of BOLD Activation in the Dorsolateral Prefrontal Cortex of Patients with Schizophrenia: An fMRI Investigation. *International Congress of Schizophrenia Research*, Savannah GA.
35. Kilpatrick, L., Turner, J.A., Cahill, J.F. (2005) Male and female arousal-related changes in amygdala effective connectivity in relation to memory. *Annual Meeting of the Organization for Human Brain Mapping*, Toronto, Canada.
36. Turner, J., Potkin SG, Brown GG, Glover GH, Fallon JH, McCarthy G, Lim KO, Gollub RL, Rosen BR, Toga AW, Kikinis R, Pieper S, Dale AM, Lauriello J, O'Leary DS, Lieberman JA, Belger A, Greve DN, Friedman L, Cannon TD, Keator DB, Grethe JS, Function BIRN. (2005) Multi-Center fMRI Methods And Design: Function BIRN. *International Congress of Schizophrenia Research*, Savannah GA.
37. Turner, J. A., Potkin, S.G. Brown, G.G., Glover, G.H., McCarthy, G., Keator, D.B., Stern, H., Lauriello, J., Friedman, L., Belger, A., Lim, K.O., Pieper, S., Greve, D.N., FUNCTION BIRN (2005) Multi-Center fMRI Methods and Design: Function BIRN. *Annual Meeting of the Society for Neuroscience*, Washington, DC.
38. Gupta, A., Bean, C., Bug, W., Fennema-Notestine, C., Martone, M. E., Turner, J. A., & Grethe, J. S. (2006) Creating a community-based knowledge management framework for integrating neuroscience data via ontologies. *Annual Meeting of the Society for Neuroscience*, Atlanta, GA.
39. Keator, D. B., Grethe, J., Ozyurt, B., Gadde, S., Wei, D., Turner, J.A., Potkin, S.G., Brown, G.G., McCarthy, G., Glover, G.H., Stern, H., Lauriello, J., Friedman, L., Belger, A., Lim, K.O., Pieper, S., Greve, D., FBIRN. (2006) Function Biomedical Informatics Research Network (FBIRN) Open Source fMRI Informatics, Calibration, and Data Tools Repository. *Annual Meeting of the Organization for Human Brain Mapping*, Florence, Italy.
40. Kilpatrick, L. A., Fallon, J., Turner, J.A., Kennedy, J., Macciardi, F., Potkin, SG. (2006) Genetic Impact on Dorsolateral Prefrontal Functional Connectivity in Schizophrenics During a Working Memory Task. *Annual Meeting of the Organization for Human Brain Mapping*, Florence, Italy.
41. Potkin, S. G., Macciardi, F., Friedman, L., Turner, J. A., Fallon, J. F., Bunney, W. E., & Keator, D. B. (2006) Imaging genetics as a model for the study of neuropsychiatric disease. *World Congress of Psychiatric Genetics*, Sardinia, Italy.
42. Turner, J. A., Fennema-Notestine, C., Martone, M. E., Laird, A. R., Grethe, J. S., Bug, W., Gupta, A., & Bean, C. (2006) You say potato, I say potahto: Ontological engineering applied within the Biomedical Informatics Research Network. *Annual Meeting of the Society for Neuroscience*, Atlanta, GA.

43. Turner, J. A., Stern, H., Friedman, L., Brown, G., Greve, D., Glover, G.H., Wible, C., Potkin, S.G., FBIRN. (2006) Variance reduction in multi-site functional imaging. *Annual Meeting of the Organization for Human Brain Mapping*, Florence, Italy.
44. Turner, J. P., S. G.; Brown, G. G.; Stern, H. S; Glover, G. H.; McCarthy, G.; Greve, D. N.; Friedman, L.; Keator, D. B.; Grethe, J. S. Fallon, J. H.; Lim, K. O.; Gollub, R. L.; Rosen, B. R.; Toga, A. W.; Kikinis, R.; Pieper, S.; Lauriello, J.; O'Leary, D. S.; Belger, A.; Function BIRN (2006) Multi-center fMRI methods and design: Function BIRN. *Annual Meeting of the Society for Neuroscience*, Atlanta, GA.
45. Bockholt, H. J., Turner, J., Johnson, H., Calhoun, V. D., Greve, D. N., Williams, S., van Erp, T., O'Leary, D., Lauriello, J., Wible, C., Lim, K., Mueller, B. A., Brown, G. G., Voyvodic, J., McCarthy, G., Ford, J., Potkin, S. G., & FBIRN (2007) Morphometric analysis of a multi-site study of schizophrenia using Freesurfer. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
46. Ford, J., Mathalon, D., Roach, B., Turner, J., Potkin, S., Brown, G., Wible, C., McCarthy, G., Greve, D. N., Mueller, B. A., Keator, D. B., Lim, K., O'Leary, D., Belger, A., Voyvodic, J., Glover, G., Lauriello, J., & FBIRN (2007) Hallucinations and deviant tones compete for primary auditory cortical resources: Multi-site fMRI study of schizophrenia. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
47. Friedman, L., Mathalon, DH, Ford, JM, Elliott, T, Greve, DN, Mueller, B, Liu, T, Turner, JA, Cox, RW, Glover, GH. (2007) Are Multichannel Coils as Helpful as We Think for EPI-BOLD Data at 3.0T? *Annual Meeting of the Organization for Human Brain Mapping*, Chicago, IL.
48. Friedman, L., Trondsen, L., Turner, J., Glover, G., & Potkin, S. (2007) The Effects of Chronic Smoking on BOLD Effects of the Breath Hold Task: Implications for Breath Hold Calibration Procedures. *Annual Meeting of the Organization for Human Brain Mapping*, Chicago, IL.
49. Potkin, S., Turner, J., Lee, H., Brown, G., Bischoff-Grethe, A., Greve, D. N., McCarthy, G., Ford, J., Mathalon, D., Lim, K., Mueller, B. A., Voyvodic, J., Belger, A., Toga, A., Wible, C., Lauriello, J., Glover, G., & FBIRN (2007) A multi-site fMRI study of working memory in schizophrenia: an FBIRN report. . *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
50. Potkin, S. G., Macciardi, F., Turner, J. A., Fallon, J. H., Guffanti, G., Bunney, W. E., & Keator, D. B. (2007) Gene Discovery through Imaging Genetics: Identification of two novel genes for schizophrenia. *World Congress on Psychiatric Genetics XV*, New York, New York.
51. Turner, J., Tura, E., Trondsen, L., Lee, H., Potkin, S., & FBIRN (2007) Functional circuitries in healthy subjects and schizophrenic patients during a working memory task. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
52. van Erp, T., Segall, J., Bockholt, H. J., Turner, J., Johnson, H., Greve, D. N., Mueller, B. A., Keator, D. B., Lim, K., Wible, C., Lauriello, J., O'Leary, D., Brown, G. G., Voyvodic, J., McCarthy, G., Ford, J., Belger, A., Potkin, S. G., Calhoun, V. D., & FBIRN (2007) Voxel-based morphometric analysis of a multi-site study on schizophrenia. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
53. Bug, W., Astahkov, V., Boline, J., Fennema-Notestine, C., Grethe, J., Gupta, A., Kennedy, D., Rubin, D., Sanders, B., Turner, J., & Martone, M. (2008) Data Federation in the Biomedical Informatics Research Network: Tools for Semantic Annotation and Query of Distributed Multiscale Brain Data. *AMIA 2008 Annual Symposium*, Washington DC.
54. Lee, H., Turner, J. A., Potkin, S. G., & FBIRN (2008) MRI Study of Sensorimotor Cortex Activation in Schizophrenia. *Annual Meeting of the Society for Neuroscience*, Washington, DC.
55. Potkin, S. G., Turner, J. A., Glover, G., Brown, G., Keator, D. B., Mueller, B., Greve, D. N., Voyvodic, J., Wible, C., Liu, T. T., McCarthy, G., Ford, J., Belger, A., Lim, K. O., Lauriello, J., Toga, A., Kikinis, R., Rosen, B., O'Leary, D., & FBIRN (2008) Multi-site neuroimaging studies: Imaging calibration and datasharing. *Annual Meeting of the Society for Neuroscience*, Washington, DC.
56. Tura, E., Turner, J. A., Turner, M. D., & Muftuler, L. T. (2008) Coherent spatio-temporal patterns during meditation *Annual Meeting of the Society for Neuroscience*, Washington, DC.

57. Tura, E., Turner, J. A., Turner, M. D., & Muftuler, L. T. (2008) Variations among meditative and concentrative states: A case study. *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, CA.
58. Turner, J. A., Bockholt, H. J., Johnson, H. J., Calhoun, V. D., Segall, J., van Erp, T., Magnotta, V., Greve, D. N., Mueller, B., Kikinis, R., McCarthy, G., Ford, J., & FBIRN (2008) A comparison of volumetric methods in a multi-site study of schizophrenia. *Annual Meeting of the Society for Neuroscience*, Washington, DC.
59. Turner, M. D. & Turner, J. A. (2008) Simulations for Methodological Comparisons among Multivariate Neuroimaging Techniques. *SIAM Conference on Imaging Science*, San Diego, CA.
60. van Erp, T. G. M., Chiang, M.-C., Sun, D., Hardt, M. E., Bockholt, J. H., Turner, J. A., Calhoun, V. D., Johnson, H. J., Greve, D. N., Williams, S., O'Leary, D., Lauriello, J., Wible, C. G., Lim, K. O., Mueller, B. A., Brown, G. G., Voyvodic, J., McCarthy, G., Mathalon, D., Ford, J. M., Potkin, S. G., Cannon, T. D., Thompson, P. M., Toga, A. W., & FBIRN. (2008) 3D Pattern of Brain Abnormalities in Chronic Schizophrenia Visualized Using Tensor-Based Morphometry: a Multi-Site Structural Imaging Study. *Annual Meeting of the Organization for Human Brain Mapping*, Melbourne, Australia.
61. Abe, S., Preda, A., Turner, J., Keator, D., Potkin, S., & FBIRN. (2009) DTI Co-registration Method Comparison Based on DTI Tractography Analysis in the Human Brain. *Annual Meeting of the Organization for Human Brain Mapping*, San Francisco, CA
62. Abe, S., Rasmussen, J. M., Turner, J., McMillan, L. C., Pfueller, J., & FBIRN (2009) Calibration of ASL Quantification Based on ASL Hypercapnia and Sensory Motor Activation. *International Society for Magnetic Resonance in Medicine*, Hawaii.
63. Greve, D. N., Mueller, B. A., Turner, J. A., Brown, G. G., Stern, H., Glover, G., Voyvodic, J., Liu, T., Wallace, S., Roach, B. J., Yetter, L., Ford, J. M., Mathalon, D. H., & FBIRN (2009) fMRI Hemodynamic Response Amplitude Repeatability Across Multiple Sites. *Annual Meeting of the Organization for Human Brain Mapping*, San Francisco, CA.
64. Jorgensen, K. W., Bischoff-Grethe, A. A., Brown, G. G., Fennema-Notestine, C., Gadde, S., Greve, D. N., Mueller, B. A., Notestine, R., Ozyurt, B., Potkin, S. G., Turner, J. A., Mathalon, D. H., & FBIRN. (2009) Assessing the impact of fMRI data quality on group level analyses in the FBIRN multi-site study of schizophrenia patients and healthy controls. *Annual meeting of the Organization for Human Brain Mapping*, San Francisco, CA.
65. Kim, M. A., Tura, E., Lee, H., Potkin, S. G., Fallon, J. H., Manoach, D., Calhoun, V. D., & Turner, J. A. (2009) Working memory circuitry in schizophrenia, as revealed by partial least squares analysis. *Annual Meeting of the Society for Neuroscience*, Chicago, IL.
66. Macciardi, F., Osimo, E., Potkin, S., Torri, F., Fallon, J. H., Turner, J. A., Guffanti, G., Vawter, M., Lerer, B., & Gaudi, S. (2009) The regulation of susceptibility genes for schizophrenia. *XVII World Congress of Psychiatric Genetics*, San Diego, CA.
67. Magnotta, V. A., Bonnett, G., Bolster, B. D., Mueller, B., Lim, L., Mori, S., Helmer, K., Turner, J., Reading, S., Lowe, M., Aylward, E., Flashman, L., & Paulsen, J. (2009) Evaluation of multi-center diffusion tensor imaging data. *International Society for Magnetic Resonance in Medicine*, Hawaii.
68. Magnotta, V. A., Bonnett, G. S., Turner, J., Mueller, B., Juhl, A., Lim, K. O., Reading, S., Aylward, E., Lowe, M., Flashman, L., Bolster, B. D., & Paulsen, J. S. (2009) Evaluation of Multi-Center Diffusion Tensor Imaging. *Annual Meeting of the Organization for Human Brain Mapping*, San Francisco.
69. Potkin, S. G., Turner, J. A., Fallon, J. A., Lakatos, A., Keator, D. B., Guffanti, G., Macciardi, F., & FBIRN (2009) Gene Discovery Through Imaging Genetics: Identification of Two Novel Genes Associated with Schizophrenia. *International Congress on Schizophrenia Research*, San Diego, CA.
70. Preda, A., Lee, H., Turner, J. A., Potkin, S., & FBIRN (2009) Normal Sensorimotor Reserve in Schizophrenia: an fMRI Study. *International Congress of Schizophrenia Research*, San Diego, CA.

71. Rasmussen, J. M., Abe, S., McMillan, L. C., Turner, J., Pfeuffer, J., & FBIRN (2009) Comparison of methods used in calibrated fMRI. *International Society for Magnetic Resonance in Medicine*, Hawaii.
72. Turner, J. A., Segall, J., Turner, M. D., Guffanti, G., Calhoun, V. D., Potkin, S. G., Bockholt, H. J., Macciardi, F., & FBIRN (2009) Structural imaging genetics analyses in schizophrenia. *Annual Meeting of the Society for Neuroscience*, Chicago, IL.
73. Wible, C. G., Lee, K. O., Molina, I., Roach, B. J., Ford, J. M., Mathalon, D. H., Turner, J. A., Potkin, S. G., O'Leary, D., & Brown, G. (2009) Relationship Between Auditory Hallucinations and Abnormal FMRI Activity During Performance of a Working Memory Task: Data from the FBIRN Consortium Study. *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, CA.
74. Abbott, C. C., Jung, R. E., Bustillo, J., & Turner, J. A. (2010) Default Mode Functional Network Connectivity Correlations with Glutamine in Schizophrenia. *Scientific Meeting On Resting-State Functional Connectivity*, Milwaukee, Wisconsin.
75. Abe, S., Rasmussen, J., Turner, J., McMillan, L., & BIRN, F. (2010) Calibration of Functional ASL based on Hypercapnia and Sensory Motor Activities. *Organization for Human Brain Mapping Annual Meeting*, Barcelona, Spain.
76. Brinkley, J., Turner, J. A., Detwiler, L., Mejino, J. L., Martone, M., & Rubin, D. (2010) Intelligent Queries over BIRN Data using the Foundational Model of Anatomy and a Distributed Query-Based Data Integration System. *AMIA 2010 Annual Symposium*, Washington, DC.
77. Haut, K. M., Rachakonda, S., Calhoun, V. D., Turner, J. A., Potkin, S. G., Belger, A., Lim, K. O., Mathalon, D., O'Leary, D., Rosen, B., Toga, A., Voyvodic, J., & Macdonald II, A. W. (2010) Discriminant analysis of working memory, default mode, and temporal lobe functional networks in schizophrenia *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
78. Helmer, K., Chou, M.-C., Song, A., Turner, J. A., Gimi, B., & Mori, S. (2010) Multi-site Investigation of DTI Reproducibility *Annual Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM)*, Stockholm, Sweden.
79. Kim, M. A., Lee, H., Potkin, S. G., Fallon, J. A., BIRN, F., & Turner, J. A. (2010) Emotional and working memory task responses in schizophrenia reveal inefficiency in functional neurocircuitry. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
80. Laird, A. R., Fox, M., Eickhoff, S. B., Ray, K. L., Turner, J. A., Glahn, D. C., Beckmann, C. F., Smith, S. M., & Fox, P. T. (2010) Functional Assessment of Intrinsic Connectivity Networks. *Organization for Human Brain Mapping Annual Meeting*, Barcelona, Spain.
81. Laird, A. R., Fox, P. M., Eickhoff, S. B., Turner, J. A., Ray, K. L., McKay, D. R., Glahn, D. C., Beckmann, C. F., Smith, S. M., & Fox, P. T. (2010) Functional assessment of intrinsic connectivity networks. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
82. Lee, H., Kim, M. A., Potkin, S. G., Fallon, J. H., Turner, J. A., & BIRN, F. (2010) The effect of emotion on working memory circuitry in schizophrenia. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
83. Magnotta, V., Bonnett, G., Bolster, B. D., Mueller, B., Lim, K., Mori, S., Helmer, K., Turner, J., Reading, S., Lowe, M., Aylward, E., Flashman, L., & Paulsen, J. (2010) Multi-Center Reliability of Diffusion Tensor Imaging *Annual Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM)*, Stockholm, Sweden.
84. Mejino, J. L., Detwiler, L. T., Turner, J., Martone, M., Rubin, D., & Brinkley, J. F. (2010) Enabling RadLeX with the Foundational Model of Anatomy ontology to organize and integrate neuro-imaging data. *Proceedings AMIA Fall Symposium*.
85. Turner, J. A. & Laird, A. R. (2010) Cognitive Paradigm Ontology: Representing cognitive behavioral experiments. *Bio-Ontologies: Knowledge in Biology, Intelligent Systems for Molecular Biology (ISMB 2010)*, Boston, MA.

86. Turner, J. A. & Laird, A. R. (2010) Cognitive paradigm ontology: experimental conditions and contrasts. *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
87. Abbott, C. C., Thoma, R. J., Deplonty, K., Lewine, J., & Turner, J. A. (2011) A multi-modal investigation of treatment response associated with electroconvulsive therapy in major depressive disorder. *ACNP*, Hawaii.
88. Ghassemi, M. M., Liu, J., Boutte, D., Wells, W., Perrone-Bizzozero, N., Macciardi, F., Ford, J. M., Potkin, S. G., Turner, J. A., FBIRN, Calhoun, V. D., & Michael, A. M. (2011) Identification of Brain Functional Networks Linked to Genetic Variation in Schizophrenia: A Guided ICA Approach. *17th annual meeting of the Organization for Human Brain Mapping*, Quebec City, Quebec.
89. Nichols, B. N., Turner, J. A., Detwiler, L. T., Mejino, J. L., Rubin, D. L., & Brinkley, J. F. (2011) Integration of Semantically Annotated Neuroimaging Data via Chained Queries. *INCF 2011*, Boston, MA.
90. Turner, J. A., Abbott, C. C., Chen, H., Mayer, A., Allen, E. A., & Bustillo, J. (2011) Amplitude of low frequency fluctuations (ALFF) reliability in chronic schizophrenia. *17th annual meeting of the Organization for Human Brain Mapping*, Quebec City, Quebec.
91. Turner, J. A., Fox, P. T., Beckmann, C. F., Smith, S. M., & Laird, A. R. (2011) Do ontological concepts stand up to a meta-analysis of neuroimaging data? *INCF Meeting*, Boston, MA.
92. Turner, J. A., Frishkoff, G., & Laird, A. R. (2011) Ontology harmonization between fMRI and ERP: CogPO and NEMO. *Annual meeting of the Society for Neuroscience*, Washington, DC.
93. Turner, J. A., King, M., Belger, A., Calhoun, V. D., Ehrlich, S., Csernansky, J. G., Potkin, S. G., Gollub, R., Mathalon, D. H., Segall, J. M., Kikinis, R., Ford, J. M., Macciardi, F., Morgan, M., Lim, K. O., O'Leary, D. S., Toga, A. W., Van Erp, T., Wan, L., & Wible, C. G. (2011) Heritability and genetics of source based morphometry in schizophrenia. *International Congress on Schizophrenia Research*, Colorado Springs, CO.
94. Abbott, C. C., Khafaja, M., Taylor, P., Thoma, R. J., Deplonty, K., Lewine, J., & Turner, J. A. (2012) fMRI investigation of treatment response associated with ECT in major depressive disorder. *Annual Meeting of the American Association of Geriatric Psychiatry*, Washington DC.
95. Abbott, C. C., Lemke, N. T., Gopal, S., Thoma, R. J., Bustillo, J., Calhoun, V. D., & Turner, J. A. (2012) Electroconvulsive therapy response in major depressive disorder: a pilot functional network connectivity resting state fMRI investigation *ACNP*, Orlando, FL.
96. Burns, G. A. P. C., Tallis, M., & Turner, J. A. (2012) Modeling experimental variables, scales, and values: the Ontology of Experimental Variables and Values. *International Neuroinformatics Coordinating Facility (INCF) Congress*, Munich, Germany.
97. Burns, G. A. P. C. & Turner, J. A. (2012) Bottom-up curation of terminology for experimental variables: the Ontology of Experimental Variables and Values (OoEVV). *Bio-Ontologies Special Interest Group (SIG)*, ISMB, Long Beach, CA.
98. Chakrabarti, C., Luger, G. F., Laird, A., & Turner, J. A. (2012) Textmining for cognitive paradigm annotation. *International Neuroinformatics Coordinating Facility (INCF) Congress*, Munich, Germany.
99. Chakrabarti, C., Luger, G. F., Laird, A. R., & Turner, J. A. (2012) Automated Annotation of Neuroimaging Abstracts for Cognitive Experiments. *Bio-ontologies Special Interest Group (SIG)*, ISMB, Long Beach, CA.
100. Damaraju, E., Turner, J. A., Mathalon, D. H., Ford, J. M., Preda, A., Potkin, S. G., & Calhoun, V. D. (2012) Static and dynamic functional network connectivity during resting state in schizophrenia. *ACNP*, Orlando, FL.
101. Ghosh, S., Helmer, K., Keator, D., Nichols, N., Nichols, T. E., & Turner, J. A. (2012) Connecting Brain Imaging Terms to Established Lexicons: a Precursor for Data Sharing and Querying. *International Neuroinformatics Coordinating Facility (INCF) Congress*, Munich, Germany.

102. King, M., Courtney, W., Lane, S., Scott, A., Turner, J. A., Wang, R., Wood, D., & Calhoun, V. (2012) COINS (Collaborative Informatics Neuroimaging Suite): Give, Get, Collect. *International Neuroinformatics Coordinating Facility (INCF) Congress*, Munich, Germany.
103. Plis, S. M., Allen, E. A., Damaraju, E., Potluru, V., Turner, J. A., & Calhoun, V. D. (2012) Identifying more "social" parts of the brain: simultaneous inference of functional ROIs and their interaction graph. *Organization for Human Brain Mapping Annual Meeting*, Beijing, China.
104. van Erp, T. G. M., Greve, D. N., Turner, J. A., Mueller, B., Rasmussen, J. M., Preda, A., Voyvodic, J. T., Belger, A., O'leary, D. S., McEwen, S., McCarthy, G., Glover, G. H., Brown, G. G., Mathalon, D. H., Ford, J., Potkin, S. G., & FBIRN (2012) A Multi-Center Study of Subcortical Brain Volume Abnormalities in Schizophrenia. *Society of Biological Psychiatry Annual Meeting*, Philadelphia, PA.
105. Abbott, C. C., Jones, T., Bustillo, J., Calhoun, V., & Turner, J. A. (2013) Resting state fMRI neural correlates of ECT response in major depressive disorder. *Translational Science Meeting 2013*, Washington, DC.
106. Brandel, M., Ford, J. M., Turner, J. A., van Erp, T. G. M., Voyvodic, J., Preda, A., Belger, A., Bustillo, J., O'Leary, D., Mueller, B., Lim, K. O., McEwen, S., Calhoun, V. D., Diaz, M., Glover, G., Greve, D., Wible, C., Vaidya, J., Potkin, S. G., FBIRN, & Mathalon, D. H. (2013) Reduced Amplitude of Low Frequency Bold Fluctuations in Resting State FMRI is Associated with Attention Deficits in Schizophrenia: Evidence from the FBIRN Study. *Society of Biological Psychiatry*, San Francisco, CA.
107. Chakrabarti, C., Jones, T. B., Laird, A. R., Xu, J. F., Luger, G., Turner, J. A., & Turner, M. D. (2013) Naively successful: Naive Bayes with and without decision trees for automated annotation of human neuroimaging abstracts. *International Neuroinformatics Coordinating Facility Congress, 2013*, Stockholm, Sweden (Frontiers in Neuroinformatics).
108. Chakrabarti, C., Jones, T. B., Xu, J. F., Luger, G. F., Laird, A. R., Turner, M. D., & Turner, J. A. (2013) A Probabilistic Framework for Ontology-Based Annotation in Neuroimaging Literature. *2013 Bio-ontologies Special Interest Group, ISMB*, Berlin.
109. Chavarria-Siles, I. M., White, T., Goudriaan, A., Posthuma, D., Ehrlich, S., Turner, J., Calhoun, V., Gollub, R., Magnotta, V., & Ho, B. C. (2013) Disruptions in white matter integrity found in schizophrenic subjects are modulated by a gene set of 17 myelin-protein genes. *XXIst World Congress of Psychiatric Genetics*, Boston, MA.
110. Chen, J., Calhoun, V., Turner, J., Arias-Vasquez, A., Zwiers, M., Cota, N. G., & Liu, J. (2013) Scanning Effects in Source-based Morphometry of Multi-site Studies. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
111. Chen, J., Calhoun, V. D., Turner, J. A., Arias-Vasquez, A., Franke, B., & Liu, J. (2013) Parallel Independent Component Analysis with Reference: A Semi-blind Multivariate Approach for Voxelwise Genome-wide Association Study. *Ninth Annual International Imaging Genetics Conference*, Irvine, CA.
112. Ford, J. M., Roach, B. J., van Erp, T. G. M., Belger, A., Turner, J. A., Mueller, B., Preda, A., Vaidya, J., McEwen, S., Shanbhag, H., Calhoun, V. D., Potkin, S. G., & Mathalon, D. H. (2013) When daydreams become nightmares: Hyper-connectivity in the cortical-striatal-amygdala loop in patients who hear voices commenting. *International Congress for Schizophrenia Research*.
113. Gollub, R. L., Shoemaker, J. M., King, M. D., White, T., Ehrlich, S., Sponheim, S. R., Clark, V. P., Turner, J. A., & Calhoun, V. D. (2013) Shared repository of multi-modal, multi-site brain image data from a clinical study of schizophrenia. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
114. Gopal, S., Calhoun, V. D., Caprihan, A., Michael, A. M., Turner, J. A., Baum, S. A., & Abbott, C. C. (2013) Fusion of DTI and fMRI with Joint-ICA differentiates remitters versus non-remitters for ECT. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
115. Hass, J., Walton, E., Turner, J., Wolthusen, R., Roessner, V., Sponheim, S. R., Gollub, R., Calhoun, V., & Ehrlich, S. (2013) Complexin2 modulates working memory-related neural activity in patients with schizophrenia. *XXIst World Congress of Psychiatric Genetics*, Boston, MA.

116. Hernandez, Z., Ray, K. L., Riedel, M., Fox, M., Eickhoff, S. B., Fox, P. M., Turner, J. A., & Laird, A. R. (2013) Data-driven refinement of cognitive paradigm classifications: A face discrimination meta-analysis. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
117. Jones, T., Chakrabarti, C., Xu, J., Turner, M. D., Luger, G. F., Laird, A., & Turner, J. A. (2013) Modeling ontology-based annotation processes for neuroimaging abstracts using a stochastic framework. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
118. Miller, R., Erhardt, E. B., Allen, E. A., Michael, A. M., Turner, J. A., Bustillo, J., Ford, J., Mathalon, D., Potkin, S. G., Preda, A., & Calhoun, V. D. (2013) 4-D Fourier Analysis of Whole-Brain Resting fMRI Distinguishes Schizophrenia Patients from Controls. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
119. Nichols, N., Stoner, R., Keator, D., Turner, J. A., Helmer, K., Ashish, N., Steffener, J., Grabowski, T., & Ghosh, S. (2013) There's an app for that: a semantic data provenance framework for reproducible brain imaging. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
120. Patel, V., Cota, N., Wright, C., Perrone-Bizzozero, N., Morgan, M., Calhoun, V. D., Wassink, T. H., Ho, B. C., Ehrlich, S., Hass, J., Alpert, K., Wang, L., & Turner, J. A. (2013) Potential influence of miR-137-associated rs1625579 genotype on structural brain variation in schizophrenia. *Annual meeting of the Society for Neuroscience*, San Diego, CA.
121. Ramanathan, D., Mathalon, D. H., Ford, J., Brown, G. G., Stern, H., Mueller, B., Greve, D. N., McCarthy, G., Voyvodic, J., Belger, A., Glover, G., Diaz, M., Yetter, E., Ozyurt, B., Jorgensen, K. W., Wible, C., van Erp, T., Turner, J. A., Thompson, W. K., Shanbhag, H., & Potkin, S. G. (2013) Role of Ventral Prefrontal Cortex in Reorientation to Vs. Regulation of Emotional Distractors During Concurrent Cognitive Task. *Society of Biological Psychiatry*, San Francisco, CA.
122. Rashid, B., Damaraju, E., Turner, J. A., Pearlson, G. D., & Calhoun, V. D. (2013) Comparison of resting state dynamics in healthy, schizophrenia and bipolar disease. *53rd NCDEU: an annual Meeting of the ASCP*, Hollywood, FL.
123. Van Erp, T. G., Guella, M., Vawter, M., Torri, F., Ford, J. M., Lim, K. O., Bustillo, J., Belger, A., Preda, A., Nguyen, D., Turner, J. A., Mathalon, D. H., Macciardi, F., & Potkin, S. G. (2013) Schizophrenia miR-137 Risk Genotype is Associated with DLPFC Hyperactivation. *International Congress of Schizophrenia Research*, Orlando, FL.
124. Turner, J. A. & Burns, G. A. P. C. (2013) Using the Ontology of Experimental Variables and Values (OoEUV) to model human neuroimaging experiments. *International Neuroinformatics Coordinating Facility Congress, 2013*, Stockholm, Sweden (Frontiers in Neuroinformatics).
125. Turner, J. A., Damaraju, E., TG, V. E., mathalon, D. H., Ford, J. M., Voyvodic, J., Mueller, B. A., Bustillo, J., Belger, A., McEwen, S., Potkin, S. G., BIRN, F., & Calhoun, V. D. (2013) The amplitude of low frequency fluctuations in resting fMRI in a multi-site study of schizophrenia. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
126. Turner, J. A., Damaraju, E., van Erp, T. G. M., Mathalon, D. H., Ford, J. M., Voyvodic, J., Belger, A., Bustillo, J., McEwen, S., Potkin, S. G., & Calhoun, V. D. (2013) Voxelwise and independent components analysis of low-frequency fluctuations in the FBIRN resting state dataset. *International Congress for Schizophrenia Research*, Orlando, FL.
127. Turner, J. A., Hibar, D. P., Rasmussen, J., Andreassen, O. A., Haukvik, U. K., Agartz, I., Potkin, S. G., Ophoff, R. A., Hulshoff Pol, H. E., van Haren, N. E., Gruber, O., Kramer, B., Ehrlich, S., Hass, J., Alpert, K., Jonsson, E., Wang, L., Pearlson, G., Glahn, D. C., Thompson, P., & van Erp, T. G. M. (2013) A Prospective Meta-Analysis of Subcortical Brain Volumes in Schizophrenia via the ENIGMA Consortium. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
128. Turner, J. A., Hibar, D. P., Rasmussen, J., Andreassen, O. A., Haukvik, U. K., Agartz, I., Potkin, S. G., Ophoff, R. A., Hulshoff Pol, H. E., van Haren, N. E., Gruber, O., Kramer, B., Ehrlich, S., Hass, J., Alpert, K., Wang, L., Pearlson, G. D., Glahn, D. C., Thompson, P., & van Erp, T. G. M. (2013) A Prospective

Meta-Analysis of Brain Measures in Schizophrenia via the ENIGMA Consortium. *International Congress for Schizophrenia Research*, Orlando, FL.

129. Turner, J. A., Wilhelmi, C., Bigelow, R., Bustillo, J., Houck, J., Calhoun, V. D., & Thoma, R. J. (2013) Brain networks underlying active hallucinations during fMRI in schizophrenia. *Annual meeting of the Organization for Human Brain Mapping*, Seattle, WA.
130. Turner, M. D., Xu, J., Jones, T., Chakrabarti, C., Laird, A., Luger, G. F., & Turner, J. A. (2013) Automated annotation of fMRI abstracts: Comparison of text mining methods. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
131. van Erp, T. G. M., Hibar, D. P., Rasmussen, J., Andreassen, O. A., Haukvik, U. K., Agartz, I., Potkin, S. G., Hulshoff Pol, H. E., Ophoff, R. A., Van Haren, N. E., Gruber, O., Kramer, B., Ehrlich, S., Hass, J., Wang, L., Alpert, K., Thompson, P. M., Turner, J. A., & Group, E. S. W. (2013) A large-scale meta-analysis of subcortical brain volume abnormalities in schizophrenia via the ENIGMA consortium. *Society of Biological Psychiatry*, San Francisco, CA.
132. Walton, E., Geisler, D., Lee, P. H., Hass, J., Turner, J. A., Liu, j., Sponheim, S. R., Wassink, T. H., Roessner, V., Gollub, R., Calhoun, V., & Ehrlich, S. (2013) Prefrontal cortex activity is associated with cumulative polygenetic risk in schizophrenia patients. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
133. Wolthuisen, R., Hass, J., Walton, E., Turner, J., Roessner, V., Sponheim, S. R., Cho, B. H., Holt, D., Gollub, R., Calhoun, V., & Ehrlich, S. (2013) A genome-wide association study to identify genetic susceptibility loci that modify left superior temporal gyrus thickness in patients with schizophrenia. *XXIst World Congress of Psychiatric Genetics*, Boston, MA.
134. Wood, D., King, M., Courtney, W., Wang, R., Landis, D., Turner, J. A., & Calhoun, V. D. (2013) Efficient Neuroinformatic Data Collection and Sharing in Multi-site Research Environments with COINS. *Annual Meeting of the Organization for Human Brain Mapping*, Seattle, WA.
135. Wright, C., Patel, V., Calhoun, V. D., Ehrlich, S., Walton, E., Perrone-Bizzozero, N., Schulz, S. C., Morrow, E., Wassink, T. H., Liu, J., & Turner, J. A. (2013) Gray matter effects of miR-137 putative targets involved in axonal guidance. *Ninth Annual International Imaging Genetics Conference*, Irvine, CA.
136. Wright, C., Turner, J. A., & Perrone-Bizzozero, N. (2013) Impact of miR-137 in schizophrenia revealed by its putative targets. *International Congress on Schizophrenia Research (ICOSR)*, Grande Lakes, FL.
137. Bockholt, H. J., Scully, M., Calhoun, V., Johnson, H., Long, J. D., Turner, J. A., Paulsen, J., & Study, P.-H. (2014) Using PREDICT-HD to develop a novel FOSS data mining extension to COINS. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
138. Castro, E., Cota, N., Calhoun, V., & Turner, J. A. (2014) Gray matter anomalies detection via multivariate feature selection: classification of schizophrenia. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
139. Castro, E., Gupta, C. N., Martinez-Ramon, M., Calhoun, V. D., Arbabshirani, M. R., & Turner, J. (2014) Identification of patterns of gray matter abnormalities in schizophrenia using source-based morphometry and bagging. *Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference*, pp 1513-1516.
140. Ciarochi, J., Plis, S. M., Liu, J., Calhoun, V., Bockholt, H. J., Long, J. D., Johnson, H., Paulsen, J., & Turner, J. A. (2014) Voxel-Based Morphometry and Cognition in Prodromal Huntington's Disease. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
141. Gupta, N. C., Chen, J., Turner, J. A., Perrone-Bizzozero, N., Pearlson, G., Liu, J., Damaraju, E., Luo, L., Michael, A. M., & Calhoun, V. D. (2014) Genetic Markers of White Matter Integrity in Schizophrenia Revealed by Parallel ICA. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.

142. Helmer, K. G., Ghosh, S., Nichols, B. N., Keator, D. B., Nichols, T. E., & Turner, J. A. (2014) The Addition of Defined Neuroimaging Acquisition, Processing and Analysis Terms to Neurolex. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
143. Keator, D. B., Ghosh, S., Maumet, C., Flandin, G., Nichols, B. N., Nichols, T. E., Burns, G., Bruehl, R., Craddock, C., Frederick, B., Gorgolewski, K., Marcus, D., Hanke, M., Haselgrove, C., Helmer, K., Klein, A., Milham, M., Poldrack, R. A., Michel, F., Steffener, J., Schwartz, Y., Stoner, R., Turner, J. A., Kennedy, D., & Poline, J.-B. (2014) Developing and using the Neuroimaging and Data Sharing Data Model: the NIDASH Working Group. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
144. Maumet, C., Nichols, T. E., Nichols, B. N., Flandin, G., Turner, J. A., Helmer, K. G., Steffener, J., JB, P., Ghosh, S., & Keator, D. (2014) Extending NI-DM to share the results and provenance of a neuroimaging study: an example with SPM. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
145. Ray, K. L., Damaraju, E., Riedel, M. C., Calhoun, V. D., Uecker, A. M., Eickhoff, S. B., Fox, P. T., Turner, J. A., & Laird, A. R. (2014) Towards a prediction of cognitive deficits based on underlying connectivity differences in schizophrenia. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
146. Turner, J. A., van Erp, T. G., Hibar, D. P., Thompson, P., & Group, E. S. W. (2014) Subcortical and cortical variations in schizophrenia: the ENIGMA SZ Working Group. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.

Mentored Undergraduate Presentations At Local Conferences

1. Persichetti, E., Ahmadi, A., Calhoun, V., Driesen, N., & Turner, J. A. (2014) Increased functional connectivity in resting-state networks after ketamine infusion. *Psychology Undergraduate Research Conference (PURC)*, Georgia State University, Atlanta.
2. Snellings, J. A., Ahmadi, A., Barbosa, P. C. R., Persichetti, E., Pommy, J., Turner, J. A., & Bogenschutz, M. P. (2014) Effects of Ayahuasca Use on Brain Function and Mood Correlation. *Psychology Undergraduate Research Conference (PURC)*, Georgia State University, Atlanta.
3. Law, A., Hare, S.M., Ahmadi, A., & Turner, J.A. (2015). The amplitude of low frequency fluctuations in slow-4 vs slow5 passbands in auditory and visual hallucinators in schizophrenia. *Georgia State Undergraduate Research Conference (GSURC)*, Georgia State University, Atlanta.
4. Burnet, D., Misiura, M., Johnson, H., & Turner, J.A. (2015). Frontal grey matter in prodromal Huntington's Disease. *Georgia State Undergraduate Research Conference (GSURC)*, Georgia State University, Atlanta.
5. Bhatia, N., & Turner, J.A. (2015). The role of calcium signaling genes in schizophrenia development: A literature review. *Georgia State Undergraduate Research Conference (GSURC)*, Georgia State University, Atlanta.
6. Harris, H., Clark, S., Ahmadi, A., & Turner, J.A. (2015). Cerebellar hypoconnectivity in schizophrenia. *Georgia State Undergraduate Research Conference (GSURC)*, Georgia State University, Atlanta.
7. Quyyum, N., Clark, S., Ahmadi, A., & Turner, J.A. (2015). Amplitude of low-frequency fluctuation in schizophrenia and relationship to insight. *Georgia State Undergraduate Research Conference (GSURC)*, Georgia State University, Atlanta.
8. Quyyum, N., Clark, S., Ahmadi, A., Turner, J.A. (2015) Gender influence on cognition and structure in people with schizophrenia. *Psychology Undergraduate Research Conference (PURC)*, Georgia State University, Atlanta.
9. Law, A., Hare, S., & Turner, J.A. (2015). Functional Network Connectivity in Hallucinating Patients with Schizophrenia. *Psychology Undergraduate Research Conference (PURC)*, Georgia State University, Atlanta.

10. Harris, H., Clark, S., Ahmadi, A., Mittal, V.J., & Turner, J.A. (2015). Amplitude of low frequency fluctuations in adolescents at ultra-high risk for schizophrenia. *Psychology Undergraduate Research Conference (PURC)*, Georgia State University, Atlanta.
11. Burnett, D., Mook, A., Turner, J.A. & Offutt, H. (2015). Auditory imagery related to source memory. *Psychology Undergraduate Research Conference (PURC)*, Georgia State University, Atlanta.

C4. Peer Review Activities

Grant Review Panels

Member, Special Emphasis Panel/Scientific Review Group, NINDS, NIH, 2011.

Member, NCI Special Emphasis Panel/Scientific Review Group, NIH, 2013.

Member, Special Emphasis Panel/Scientific Review Group, NINDS, NIH, 2013.

Member, NCI Special Emphasis Panel/Scientific Review Group, NIH, 2014.

Member, NIH Blueprint Special Emphasis Panel/Scientific Review Group, 2015.

Member, NIBIB Special Emphasis Panel/Scientific Review Group, NIH, 2015.

Member, NCI Special Emphasis Panel/Scientific Review Group, NIH, 2015.

Ad hoc member, APDA Review Panel, NIH, 2015.

Professional Journals

Editorial Board: Associate Editor, *Frontiers in Brain Imaging Methods*

Ad Hoc Reviewer for: *Biological Psychiatry; Brain Imaging and Behavior; Frontiers in Human Neuroscience; Frontiers in Neuroinformatics; Frontiers in Psychiatry; Human Brain Mapping; Molecular Psychiatry; Pharmacogenomics; Psychometrika; International Journal of Psychophysiology; International Journal of Neuroimaging; Journal of Affective Disorders; Journal of Magnetic Resonance Imaging; Journal of Psychiatric Research; Neurocomputing; Neuroinformatics; Neuroscience; Neurobiology of Aging; Psychiatry Research: Neuroimaging; Schizophrenia Bulletin; Schizophrenia Research*

Professional Conferences

Program Committee Member, *Eleventh International Conference on Data Integration in the Life Sciences 2015 (DILS2015)*

Publicity co-Chair, *2015 International Conference on Brain Informatics and Health (BIH'15)*

Organizing Committee Member, *2013 International Neuroinformatics Coordinating Facility Congress, Stockholm, Sweden*

Organizing Committee Member, *International Imaging Genetics Conference (2003-2009)*.

Abstract submission reviewer for *American Medical Informatics Association (AMIA)*, *International Systems for Molecular Biology (ISM: Bio-Ontologies SIG)*, and *the Organization for Human Brain Mapping (OHBM) annual meetings*

C5. Professional memberships

Task Forces: Member, International Neuroinformatics Coordinating Facility (INCF) Neuroimaging Data Sharing Task Force, 2009-present.

Member, Biomedical Informatics Research Network (BIRN) Steering Committee, 2009-2013.

Chair, Enhancing Neuroimaging Genetics through Meta Analysis (ENIGMA) Schizophrenia Working Group, 2012-present.

Organizations: Organization for Human Brain Mapping

Society for Neuroscience

International Association for Ontology and its Applications