

Below is a list of all papers produced which have made use of the fMRI core facility since it began in 1999. In about 2005, the core facility became responsible for the 1.5T scanner that had previously belonged to the NIH NMR facility. In the below list, papers produced which utilized the 1.5T before 2005 are left out.

This list is organized by PI, meaning that, in the case of multiple PI's on a paper, the paper is in the list of the last author PI. In one case (Meyer-Lindenberg) papers produced by him after he was a PI are listed. The rest are in other PI's lists. In another case, (Martin), a post doc (Beauchamp) published several papers independently. These are in Martin's list.

NIMH

Peter Bandettini (24 papers)

1. Bandettini, P.A. and R.W. Cox, *Event-related fMRI contrast when using constant interstimulus interval: Theory and experiment*. Magnetic Resonance in Medicine, 2000. **43**(4): p. 540-548.
2. Bandettini, P.A. and L.G. Ungerleider, *From neuron to BOLD: New connections*. Nature Neuroscience, 2001. **4**(9): p. 864-866.
3. Birn, R.M., Z.S. Saad, and P.A. Bandettini, *Spatial heterogeneity of the nonlinear dynamics in the FMRI BOLD response*. Neuroimage, 2001. **14**(4): p. 817-826.
4. Birn, R.M., R.W. Cox, and P.A. Bandettini, *Detection versus estimation in event-related fMRI: Choosing the optimal stimulus timing*. Neuroimage, 2002. **15**(1): p. 252-264.
5. Bodurka, J. and P.A. Bandettini, *Toward direct mapping of neuronal activity: MRI detection of ultraweak, transient magnetic fields changes*. Magnetic Resonance in Medicine, 2002. **47**(6): p. 1052-1058.
6. Bodurka, J. and P.A. Bandettini, *Toward direct mapping of neuronal activity: MRI detection of ultraweak, transient magnetic field changes*. Magnetic Resonance in Medicine, 2002. **47**(6): p. 1052-1058.
7. Patterson, J.C., L.G. Ungerleider, and P.A. Bandettini, *Task-independent functional brain activity correlation with skin conductance changes: an fMRI study*. Neuroimage, 2002. **17**(4): p. 1797-1806.
8. Bellgowan, P.S.F., Z.S. Saad, and P.A. Bandettini, *Understanding neural system dynamics through task modulation and measurement of functional MRI amplitude, latency, and width*. Proceedings of the National Academy of Sciences of the United States of America, 2003. **100**(3): p. 1415-1419.
9. Knight, D.C., H.T. Nguyen, and P.A. Bandettini, *Expression of conditional fear with and without awareness*. Proceedings of the National Academy of Sciences of the United States of America, 2003. **100**(25): p. 15280-15283.
10. Saad, Z.S., K.M. Ropella, E.A. DeYoe, and P.A. Bandettini, *The spatial extent of the BOLD response*. Neuroimage, 2003. **19**(1): p. 132-144.

11. Birn, R.M., R.W. Cox, and P.A. Bandettini, *Experimental designs and processing strategies for fMRI studies involving overt verbal responses*. Neuroimage, 2004. **23**(3): p. 1046-1058.
12. Bandettini, P.A., N. Petridou, and J. Bodurka, *Direct detection of neuronal activity with MRI: Fantasy, possibility, or reality?* Applied Magnetic Resonance, 2005. **29**(1): p. 65-88.
13. Birn, R.M. and P.A. Bandettini, *The effect of stimulus duty cycle and "off" duration on BOLD response linearity*. Neuroimage, 2005. **27**(1): p. 70-82.
14. Knight, D.C., H.T. Nguyen, and P.A. Bandettini, *The role of the human amygdala in the production of conditioned fear responses*. Neuroimage, 2005. **26**(4): p. 1193-1200.
15. Bellgowan, P.S.F., P.A. Bandettini, P. Van Gelderen, A. Martin, and J. Bodurka, *Improved BOLD detection in the medial temporal region using parallel imaging and voxel volume reduction*. NeuroImage, 2006. **29**(4): p. 1244-1251.
16. Birn, R.M., J.B. Diamond, M.A. Smith, and P.A. Bandettini, *Separating respiratory-variation-related neuronal-activity-related fluctuations in fluctuations from fMRI*. Neuroimage, 2006. **31**(4): p. 1536-1548.
17. Illes, J., M.P. Kirschen, E. Edwards, L.R. Stanford, P. Bandettini, M.K. Cho, P.J. Ford, G.H. Glover, J. Kulynych, R. Macklin, D.B. Michael, and S.M. Wolf, *Incidental findings in brain imaging research*. Science, 2006. **311**(5762): p. 783-784.
18. Knight, D.C., H.T. Nguyen, and P.A. Bandettini, *The role of awareness in delay and trace fear conditioning in humans*. Cognitive, Affective and Behavioral Neuroscience, 2006. **6**(2): p. 157-162.
19. Kriegeskorte, N., R. Goebel, and P. Bandettini, *Information-based functional brain mapping*. Proceedings of the National Academy of Sciences of the United States of America, 2006. **103**(10): p. 3863-3868.
20. Petridou, N., D. Plenz, A.C. Silva, M. Loew, J. Bodurka, and P.A. Bandettini, *Direct magnetic resonance detection of neuronal electrical activity*. Proceedings of the National Academy of Sciences of the United States of America, 2006. **103**(43): p. 16015-16020.
21. Bandettini, P., *Functional MRI today*. International Journal of Psychophysiology, 2007. **63**(2): p. 138-145.
22. Bodurka, J., F. Ye, N. Petridou, K. Murphy, and P.A. Bandettini, *Mapping the MRI voxel volume in which thermal noise matches physiological noise- Implications for fMRI*. NeuroImage, 2007. **34**(2): p. 542-549.
23. Maieron, M., G.D. Iannetti, J. Bodurka, I. Tracey, P.A. Bandettini, and C.A. Porro, *Functional responses in the human spinal cord during willed motor actions: Evidence for side- and rate-dependent activity*. Journal of Neuroscience, 2007. **27**(15): p. 4182-4190.
24. Murphy, K., J. Bodurka, and P.A. Bandettini, *How long to scan? The relationship between fMRI temporal signal to noise ratio and necessary scan duration*. NeuroImage, 2007. **34**(2): p. 565-574.

Karen Berman (14 papers)

1. Meyer-Lindenberg, A., J.B. Poline, P.D. Kohn, J.L. Holt, M.F. Egan, D.R. Weinberger, and K.F. Berman, *Evidence for abnormal cortical functional connectivity during working memory in schizophrenia*. American Journal of Psychiatry, 2001. **158**(11): p. 1809-1817.
2. Dreher, J.C. and K.F. Berman, *Fractionating the neural substrate of cognitive control processes*. Proceedings of the National Academy of Sciences of the United States of America, 2002. **99**(22): p. 14595-14600.
3. Meyer-Lindenberg, A., P. Kohn, C.B. Mervis, J.S. Kippenhan, R.K. Olsen, C.A. Morris, and K.F. Berman, *Neural basis of genetically determined visuospatial construction deficit in Williams syndrome*. Neuron, 2004. **43**(5): p. 623-631.
4. Buchsbaum, B.R., S. Greer, W.L. Chang, and K.F. Berman, *Meta-analysis of neuroimaging studies of the Wisconsin card-sorting task and component processes*. Human Brain Mapping, 2005. **25**(1): p. 35-45.
5. Buchsbaum, B.R., R.K. Olsen, P. Koch, and K.F. Berman, *Human dorsal and ventral auditory streams subserve rehearsal-based and echoic processes during verbal working memory*. Neuron, 2005. **48**(4): p. 687-697.
6. Buchsbaum, B.R., R.K. Olsen, P.F. Koch, P. Kohn, J.S. Kippenhan, and K.F. Berman, *Reading, hearing, and the planum temporale*. Neuroimage, 2005. **24**(2): p. 444-454.
7. Kippenhan, J.S., R.K. Olsen, C.B. Mervis, C.A. Morris, P. Kohn, A.M. Lindenberg, and K.F. Berman, *Genetic contributions to human gyrfication: Sulcal morphometry in Williams syndrome*. Journal of Neuroscience, 2005. **25**(34): p. 7840-7846.
8. Meyer-Lindenberg, A., A.R. Hariri, K.E. Munuz, C.B. Mervis, V.S. Mattay, C.A. Morris, and K.F. Berman, *Neural correlates of genetically abnormal social cognition in Williams syndrome*. Nature Neuroscience, 2005. **8**: p. 991-993.
9. Meyer-Lindenberg, A., C.B. Mervis, D. Sarpal, P. Koch, S. Steele, P. Kohn, S. Marengo, C.A. Morris, S. Das, S. Kippenhan, V.S. Mattay, D.R. Weinberger, and K.F. Berman, *Functional, structural, and metabolic abnormalities of the hippocampal formation in Williams syndrome*. Journal of Clinical Investigation, 2005. **115**(7): p. 1888-1895.
10. Meyer-Lindenberg, A., R.K. Olsen, P.D. Kohn, M.F. Egan, D.R. Weinberger, and K.F. Berman, *Regionally specific disturbance of dorsolateral prefrontal-hippocampal functional connectivity in schizophrenia*. Archives of General Psychiatry, 2005. **62**: p. 379-386.
11. Dreher, J.C., P. Kohn, and K.F. Berman, *Neural coding of distinct statistical properties of reward information in humans*. Cerebral Cortex, 2006. **16**(4): p. 561-573.

12. Meyer-Lindenberg, A., C.B. Mervis, and K.F. Berman, *Neural mechanisms of Williams syndrome: a unique window to genetic influences on cognition and behavior*. *Nature Reviews Neuroscience*, 2006. **16**: p. 561-573.
13. Dreher, J.C., J.C. Schmidt, P. Kohn, D.C. Furman, D.R. Rubinow, and K.F. Berman, *Menstrual cycle phase modulates reward-related neural function in women*. *Proceedings of the National Academy of Sciences of the United States of America*, 2007. **104**: p. 2465-2470.
14. Marengo, S., M. Siuta, J.S. Kippenhan, S. Grodofsy, W.L. Chang, P. Kohn, C.B. Mervis, C.A. Morris, D.R. Weinberger, A. Meyer-Lindenberg, C. Pierpaoli, and K.F. Berman, *Genetic contributions to white matter architecture revealed by diffusion tensor imaging in Williams syndrome*. *Proceedings of the National Academy of Sciences of the United States of America*, 2007. **in press**.

James Blair (9 papers)

1. Blair, K., A.A. Marsh, J. Morton, M. Vythilingam, M. Jones, K. Mondillo, D.C. Pine, W.C. Drevets, and J.R. Blair, *Choosing the lesser of two evils, the better of two goods: specifying the roles of ventromedial prefrontal cortex and dorsal anterior cingulate in object choice*. *Journal of Neuroscience*, 2006. **26**(44): p. 11379-11386.
2. Finger, E.C., A.A. Marsh, N. Kamel, D.G.V. Mitchell, and J.R. Blair, *Caught in the act: The impact of audience on the neural response to morally and socially inappropriate behavior*. *Neuroimage*, 2006. **33**(1): p. 414-421.
3. Kosson, D.S., S. Budhani, M. Nakic, G. Chen, Z.S. Saad, M. Vythilingam, D.S. Pine, and R.J.R. Blair, *The role of the amygdala and rostral anterior cingulate in encoding expected outcomes during learning*. *Neuroimage*, 2006. **29**(4): p. 1161-1172.
4. Luo, Q.A., M. Nakic, T. Wheatley, R. Richell, A. Martin, and R.J.R. Blair, *The neural basis of implicit moral attitude - An IAT study using event-related fMRI*. *Neuroimage*, 2006. **30**(4): p. 1449-1457.
5. Nakic, M., B.W. Smith, S. Busis, M. Vythilingam, and R.J.R. Blair, *The impact of affect and frequency on lexical decision: the role of the amygdala and inferior frontal cortex*. *Neuroimage*, 2006. **31**: p. 1752-1761.
6. Blair, K.S., B.W. Smith, D.G.V. Mitchell, J. Morton, M. Vythilingam, L. Pessoa, D. Fridberg, A. Zametkin, D. Sturman, E.E. Nelson, W.C. Drevets, D.C. Pine, A. Martin, and R.J.R. Blair, *Modulation of emotion by cognition and cognition by emotion*. *Neuroimage*, 2007. **35**: p. 430-440.
7. Budhani, S., A.A. Marsh, D.C. Pine, and R.J.R. Blair, *Neural correlates of response reversal: considering acquisition*. *Neuroimage*, 2007. **34**: p. 1754-1765.
8. Marsh, A.A., K.S. Blair, M. Vythilingam, S. Busis, and R.J.R. Blair, *Response options and expectations of reward in decision-making: the*

- differential roles of dorsal and rostral anterior cingulate cortex*. Neuroimage, 2007(35): p. 979-988.
9. Mitchell, D.G.V., M. Nakic, D. Fridberg, N. Kamel, D.C. Pine, and R.J.R. Blair, *The impact of processing load on emotion*. Neuroimage, 2007. **34**: p. 1299-1309.

Wayne Drevets (13 papers)

1. Neumeister, A., A.C. Nugent, T. Waldeck, M. Geraci, M. Schwarz, O. Bonne, E.E. Bain, D.A. Luckenbaugh, P. Herscovitch, D.S. Charney, and W.C. Drevets, *Neural and behavioral responses to tryptophan depletion in unmedicated patients with remitted major depressive disorder and controls*. Archives of General Psychiatry, 2004. **61**(8): p. 765-773.
2. Bonne, O., E. Bain, A. Neumeister, A.C. Nugent, M. Vythilingam, R.E. Carson, D.A. Luckenbaugh, W. Eckelman, P. Herscovitch, W.C. Drevets, and D.S. Charney, *No change in serotonin type 1A receptor binding in patients with posttraumatic stress disorder*. American Journal of Psychiatry, 2005. **162**(2): p. 383-385.
3. Hasler, G., A. Neumeister, J.W. Van Der Veen, T. Tumonis, E.E. Bain, J. Shen, W.C. Drevets, and D.S. Charney, *Normal prefrontal gamma-aminobutyric acid levels in remitted depressed subjects determined by proton magnetic resonance spectroscopy*. Biological Psychiatry, 2005. **58**(12): p. 969-973.
4. Neumeister, A., D.S. Charney, and M. Drevets, *Depression and the hippocampus*. American Journal of Psychiatry, 2005. **162**(6).
5. Neumeister, A., S. Wood, O. Bonne, A.C. Nugent, D.A. Luckenbaugh, T. Young, E.E. Bain, D.S. Charney, and W.C. Drevets, *Reduced hippocampal volume in unmedicated, remitted patients with major depression versus control subjects*. Biological Psychiatry, 2005. **57**(8): p. 935-937.
6. Cannon, D.M., R.E. Carson, A.C. Nugent, W.C. Eckelman, D.O. Kiesewetter, J. Williams, D. Rollis, M. Drevets, S. Gandhi, G. Solorio, and W.C. Drevets, *Reduced muscarinic type 2 receptor binding in subjects with bipolar disorder*. Archives of General Psychiatry, 2006. **63**(7): p. 741-747.
7. Cannon, D.M., M. Ichise, S.J. Fromm, A.C. Nugent, D. Rollis, S.K. Gandhi, J.M. Klaver, D.S. Charney, H.K. Manji, and W.C. Drevets, *Serotonin Transporter Binding in Bipolar Disorder Assessed using [11C]DASB and Positron Emission Tomography*. Biological Psychiatry, 2006. **60**(3): p. 207-217.
8. Neumeister, A., W.C. Drevets, I. Belfer, D.A. Luckenbaugh, S. Henry, O. Bonne, P. Herscovitch, D. Goldman, and D.S. Charney, *Effects of a alpha-2C-adrenoreceptor gene polymorphism on neural responses to facial expressions in depression*. Neuropsychopharmacology, 2006. **31**(8): p. 1750-1756.

9. Neumeister, A., X.Z. Hu, D.A. Luckenbaugh, M. Schwarz, A.C. Nugent, O. Bonne, P. Herscovitch, D. Goldman, W.C. Drevets, and D.S. Charney, *Differential effects of 5-HTTLPR genotypes on the behavioral and neural responses to tryptophan depletion in patients with major depression and controls*. Archives of General Psychiatry, 2006. **63**(9): p. 978-986.
10. Nugent, A.C., M.P. Milham, E.E. Bain, L. Mah, D.M. Cannon, S. Marrett, C.A. Zarate, D.S. Pine, J.L. Price, and W.C. Drevets, *Cortical abnormalities in bipolar disorder investigated with MRI and voxel-based morphometry*. Neuroimage, 2006. **30**(2): p. 485-497.
11. Nugent, A.C., M.P. Milham, E.E. Bain, L. Mah, D.M. Cannon, S. Marrett, C.A. Zarate, D.S. Pine, J.L. Price, and W.C. Drevets, *Cortical abnormalities in bipolar disorder investigated with MRI and voxel-based morphometry*. NeuroImage, 2006. **30**(2): p. 485-497.
12. Hasler, G., J.W. Van Der Veen, T. Tuminis, N. Meyers, J. Shen, and W.C. Drevets, *Reduced prefrontal glutamate/glutamine and γ -aminobutyric acid levels in major depression determined using proton magnetic resonance spectroscopy*. Archives of General Psychiatry, 2007. **64**(2): p. 193-200.
13. Cannon, D.M., M. Ichise, D. Rollis, J.M. Klaver, S. Gandhi, D.S. Charney, H.K. Manji, and M. Drevets, *Elevated Serotonin Transporter Binding in Major Depressive Disorder Assessed using [11 C]DASB and Positron Emission Tomography; Comparison with Bipolar Disorder*. Biological Psychiatry. in press.

Jay Giedd (23 papers)

1. 1. Cassanova, M.F., J.D. Christensen, J. Giedd, J.M. Ramsey, D.L. Garver, and G.C. Postel, *Magnetic resonance imaging study of brain asymmetries in dyslexic patients*. Journal of Child Neurology, 2005. **20**(10): p. 842-847.
2. Harezlak, J., L.M. Ryan, J.N. Giedd, and N. Lange, *Individual and population penalized regression splines for accelerated longitudinal designs*. Biometrics, 2005. **61**(4): p. 1037-1048.
3. Merke, D.P., J.N. Giedd, M.F. Keil, S.L. Mehlinger, E.A. Wiggs, S. Holzer, E. Rawson, A.C. Vaituzis, C.A. Stratakis, and G.P. Chrousos, *Children experience cognitive decline despite reversal of brain atrophy one year after resolution of Cushing syndrome*. Journal of Clinical Endocrinology and Metabolism, 2005. **90**(5): p. 2531-2536.
4. Thompson, P.M., E.R. Sowell, N. Gogtay, J.N. Giedd, C.N. Vidal, K.M. Hayashi, A. Leow, R. Nicolson, J.L. Rapoport, and A.W. Toga, *Structural MRI and Brain Development*, in *International Review of Neurobiology*. 2005. p. 285-323.
5. Boger-Megiddo, I., D.W.W. Shaw, S.D. Friedman, B.F. Sparks, A.A. Artru, J.N. Giedd, G. Dawson, and S.R. Dager, *Corpus callosum morphometrics in young children with autism spectrum disorder*. Journal of Autism and Developmental Disorders, 2006. **36**(6): p. 733-739.

6. Giedd, J.N., L.S. Clasen, R. Lenroot, D. Greenstein, G.L. Wallace, S. Ordaz, E.A. Molloy, J.D. Blumenthal, J.W. Tossell, C. Stayer, C.A. Samango-Sprouse, D. Shen, C. Davatzikos, D. Merke, and G.P. Chrousos, *Puberty-related influences on brain development*. *Molecular and Cellular Endocrinology*, 2006. **254-255**: p. 154-162.
7. Gogtay, N., T.F. Nugent Iii, D.H. Herman, A. Ordonez, D. Greenstein, K.M. Hayashi, L. Clasen, A.W. Toga, J.N. Giedd, J.L. Rapoport, and P.M. Thompson, *Dynamic mapping of normal human hippocampal development*. *Hippocampus*, 2006. **16**(8): p. 664-672.
8. Greenstein, D., J. Lerch, P. Shaw, L. Clasen, J. Giedd, P. Gochman, J. Rapoport, and N. Gogtay, *Childhood onset schizophrenia: Cortical brain abnormalities as young adults*. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, 2006. **47**(10): p. 1003-1012.
9. Lenroot, R.K. and J.N. Giedd, *Brain development in children and adolescents: Insights from anatomical magnetic resonance imaging*. *Neuroscience and Biobehavioral Reviews*, 2006. **30**(6): p. 718-729.
10. Lerch, J.P., K. Worsley, W.P. Shaw, D.K. Greenstein, R.K. Lenroot, J. Giedd, and A.C. Evans, *Mapping anatomical correlations across cerebral cortex (MACACC) using cortical thickness from MRI*. *NeuroImage*, 2006. **31**(3): p. 993-1003.
11. Shaw, P., D. Greenstein, J. Lerch, L. Clasen, R. Lenroot, N. Gogtay, A. Evans, J. Rapoport, and J. Giedd, *Intellectual ability and cortical development in children and adolescents*. *Nature*, 2006. **440**(7084): p. 676-679.
12. Shaw, P., J. Lerch, D. Greenstein, W. Sharp, L. Clasen, A. Evans, J. Giedd, F.X. Castellanos, and J. Rapoport, *Longitudinal mapping of cortical thickness and clinical outcome in children and adolescents with attention-deficit/hyperactivity disorder*. *Archives of General Psychiatry*, 2006. **63**(5): p. 540-549.
13. Vidal, C.N., J.L. Rapoport, K.M. Hayashi, J.A. Geaga, Y. Sui, L.E. McLemore, Y. Alagband, J.N. Giedd, P. Gochman, J. Blumenthal, N. Gogtay, R. Nicolson, A.W. Toga, and P.M. Thompson, *Dynamically spreading frontal and cingulate deficits mapped in adolescents with schizophrenia*. *Archives of General Psychiatry*, 2006. **63**(1): p. 25-34.
14. Wallace, G.L., J.E. Schmitt, R. Lenroot, E. Viding, S. Ordaz, M.A. Rosenthal, E.A. Molloy, L.S. Clasen, K.S. Kendler, M.C. Neale, and J.N. Giedd, *A pediatric twin study of brain morphometry*. *Journal of Child Psychology and Psychiatry*, 2006. **47**(10): p. 987-993.
15. Agid, Y., G. Buzsa?ki, D.M. Diamond, R. Frackowiak, J. Giedd, J.A. Girault, A. Grace, J.J. Lambert, H. Manji, H. Mayberg, M. Popoli, A. Prochiantz, G. Richter-Levin, P. Somogyi, M. Spedding, P. Svenningsson, and D. Weinberger, *How can drug discovery for psychiatric disorders be improved?* *Nature Reviews Drug Discovery*, 2007. **6**(3): p. 189-201.
16. Giedd, J.N., L.S. Clasen, G.L. Wallace, R.K. Lenroot, J.P. Lerch, E.M. Wells, J.D. Blumenthal, J.E. Nelson, J.W. Tossell, C. Stayer, A.C. Evans, and C.A. Samango-Sprouse, *XXY (Klinefelter syndrome): A pediatric*

- quantitative brain magnetic resonance imaging case-control study.* Pediatrics, 2007. **119**(1): p. e232-e240.
17. Giedd, J.N., J.E. Schmitt, and M.C. Neale, *Structural brain magnetic resonance imaging of pediatric twins.* Human Brain Mapping, 2007. **28**(6): p. 474-481.
 18. Lenroot, R.K., N. Gogtay, D.K. Greenstein, E.M. Wells, G.L. Wallace, L.S. Clasen, J.D. Blumenthal, J. Lerch, A.P. Zijdenbos, A.C. Evans, P.M. Thompson, and J.N. Giedd, *Sexual dimorphism of brain developmental trajectories during childhood and adolescence.* NeuroImage, 2007. **36**(4): p. 1065-1073.
 19. Mackie, S., P. Shaw, R. Lenroot, R. Pierson, D.K. Greenstein, T.F. Nugent lii, W.S. Sharp, J.N. Giedd, and J.L. Rapoport, *Cerebellar development and clinical outcome in attention deficit hyperactivity disorder.* American Journal of Psychiatry, 2007. **164**(4): p. 647-655.
 20. Nugent lii, T.F., D.H. Herman, A. Ordonez, D. Greenstein, K.M. Hayashi, M. Lenane, L. Clasen, D. Jung, A.W. Toga, J.N. Giedd, J.L. Rapoport, P.M. Thompson, and N. Gogtay, *Dynamic mapping of hippocampal development in childhood onset schizophrenia.* Schizophrenia Research, 2007. **90**(1-3): p. 62-70.
 21. Schmitt, J.E., G.L. Wallace, M.A. Rosenthal, E.A. Molloy, S. Ordaz, R. Lenroot, L.S. Clasen, J.D. Blumenthal, K.S. Kendler, M.C. Neale, and J.N. Giedd, *A multivariate analysis of neuroanatomic relationships in a genetically informative pediatric sample.* NeuroImage, 2007. **35**(1): p. 70-82.
 22. Shaw, P., M. Gornick, J. Lerch, A. Addington, J. Seal, D. Greenstein, W. Sharp, A. Evans, J. Giedd, F.X. Castellanos, and J. Rapoport, *Polymorphisms of the dopamine d4 receptor, clinical outcome, and cortical structure in attention-deficit/hyperactivity disorder.* Archives of General Psychiatry, 2007. **64**(8): p. 921-931.
 23. Shaw, P., J.P. Lerch, J.C. Pruessner, K.N. Taylor, A.B. Rose, D. Greenstein, L. Clasen, A. Evans, J.L. Rapoport, and J.N. Giedd, *Cortical morphology in children and adolescents with different apolipoprotein E gene polymorphisms: an observational study.* Lancet Neurology, 2007. **6**(6): p. 494-500.

Jim Haxby (8papers)

1. Beauchamp, M.S., L. Petit, T.M. Ellmore, J. Ingeholm, and J.V. Haxby, *A parametric fMRI study of overt and covert shifts of visuospatial attention.* Neuroimage, 2001. **14**(2): p. 310-321.
2. Berardi, A., R. Parasuraman, and J.V. Haxby, *Overall vigilance and sustained attention decrements in healthy aging.* Experimental Aging Research, 2001. **27**(1): p. 19-39.

3. Haxby, J.V., M.I. Gobbini, M.L. Furey, A. Ishai, J.L. Schouten, and P. Pietrini, *Distributed and overlapping representations of faces and objects in ventral temporal cortex*. *Science*, 2001. **293**(5539): p. 2425-2430.
4. Haxby, J.V., E.A. Hoffman, and M.I. Gobbini, *Human neural systems for face recognition and social communication*. *Biological Psychiatry*, 2002. **51**(1): p. 59-67.
5. Gobbini, M.I., E. Leibenluft, N. Santiago, and J.V. Haxby, *Social and emotional attachment in the neural representation of faces*. *Neuroimage*, 2004. **22**(4): p. 1628-1635.
6. Leibenluft, E., M.I. Gobbini, T. Harrison, and J.V. Haxby, *Mothers' neural activation in response to pictures of their children and other children*. *Biological Psychiatry*, 2004. **56**(4): p. 225-232.
7. Pietrini, P., M.L. Furey, E. Ricciardi, M.I. Gobbini, W.H.C. Wu, L. Cohen, M. Guazzelli, and J.V. Haxby, *Beyond sensory images: Object-based representation in the human ventral pathway*. *Proceedings of the National Academy of Sciences of the United States of America*, 2004. **101**(15): p. 5658-5663.
8. Furey, M.L., T. Tanskanen, M.S. Beauchamp, S. Avikainen, K. Uutela, R. Hari, and J.V. Haxby, *Dissociation of face-selective cortical responses by attention*. *Proceedings of the National Academy of Sciences of the United States of America*, 2006. **103**(4): p. 1065-1070.

Ellen Leibenluft (7 papers)

1. Leibenluft, E., M.I. Gobbini, T. Harrison, and J.V. Haxby, *Mothers' neural activation in response to pictures of their children and other children*. *Biological Psychiatry*, 2004. **56**(4): p. 225-232.
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Alex Martin (27 papers)

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**Andreas Meyer-Lindenberg (these only include those produced when he was a PI)
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Danny Weinberger (59 papers)

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