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Education

1985-1989: BA in psychology, Baylor University, Waco, TX
1989-1991: MA in cognitive psychology, University of Illinois, Urbana, IL
1991-1995: PhD in cognitive psychology, University of Illinois, Urbana, IL

Employment and professional affiliations

2009-present: Professor of Psychology and Neurobiology, University of Texas at Austin
2009-present: Director, Imaging Research Center, University of Texas at Austin
2008-2009: Professor of Psychology and Psychiatry & Biobehavioral Sciences, UCLA
2006-2009: Wendell Jeffrey and Bernice Wenzel Term Chair in Behavioral Neuroscience
2006-2008: Associate Professor of Psychology and Psychiatry & Biobehavioral Sciences, UCLA
2003-2009: Member, UCLA Interdepartmental Neuroscience Program
2003-2009: Fellow, UC Irvine Center for the Neurobiology of Learning and Memory
2002-2009: Member, UCLA Brain Research Institute
2002-2006: Assistant Professor of Psychology, UCLA
1999-2002: Assistant Professor of Radiology, Harvard Medical School
1999-2002: Assistant Psychologist, MGH-NMR Center, Massachusetts General Hospital
2001-2002: Member, Faculty of the Harvard Graduate School of Education
1996: Lecturer, Stanford University
1995-1999: Postdoctoral Fellow, Department of Psychology, Stanford University

Honors and Awards

2010: Visiting Professor, Beijing Normal University, China
2010: Association of American Publishers PROSE Awards for Economics and Excellence in the Social Sciences for *Neuroeconomics: Decision Making and the Brain*
2009: Fellow, Association for Psychological Science
2005: APA Distinguished Scientific Award for Early Career Contributions to Psychology
2005: Wiley Young Investigator Award, Organization for Human Brain Mapping
2004: Brian P. Copenhaver Award for Innovation in Teaching with Technology, UCLA

Editorial Duties and Reviewing

Associate Editor: Frontiers in Human Neuroscience

Contributing Editor: Psychological Bulletin

Editorial boards: Trends in Cognitive Sciences, Cerebral Cortex, Human Brain Mapping, Cognitive Science, SCAN (Social, Cognitive, and Affective Neuroscience), Neuroimage (2005-2008)

Ad hoc reviewer: Nature, Science, Brain, Proceedings of the National Academy of Sciences (USA), Nature Neuroscience, Neuron, Neuroimage, Journal of Neuroscience, Journal of Cognitive Neuroscience, Cerebral Cortex, Human Brain Mapping, Cognitive, Affective,& Behavioral Neuroscience, Journal of Experimental Psychology: Learning, Memory, & Cognition, Journal of Memory and Language, Learning & Memory, Cognitive Brain Research, Experimental Brain Research, Cognitive Science, Perception, Neurobiology of Aging, Neuroscience Letters, Journal of Neuroscience Methods, Memory & Cognition, Trends in Cognitive Science, Behavioral and Brain Sciences

Abstract Reviewer: NIPS 2010, Human Brain Mapping

Grant review panelist: National Science Foundation Cognitive Neuroscience Panel (2003-2005).

Chair: NIH Special Emphasis Panel ZNS1 SRB-R, 2006

Ad hoc grant reviewer: NIMH, NSF, Wellcome Foundation (UK), Social Sciences and Humanities Research Council of Canada, Israeli-US Science Foundation, UCLA Stein-Oppenheimer Grant Program, Hospital for Sick Children Foundation (Canada) Grant Program, Cure Autism Now Foundation Grant Program, Chinese University of Hong Kong, Danish National Research Foundation

Professional Societies

Association for Psychological Science, American Psychological Association, Cognitive Neuroscience Society, Organization for Human Brain Mapping, Memory Disorders Research Society, Society for Neuroscience

Executive/organizational duties

Co-Organizer, INCF Neuroimaging Datasharing and Data Access Workshop, 2011

Chair of External Advisory Panel, Human Connectome Project, 2011-present

Selection Committee member, APA Early Career Award in Behavioral/Cognitive Neuroscience, 2010

Chair, Organization for Human Brain Mapping, 2009-2010

Chief Information Officer, Society for Neuroeconomics, 2007-present

Organizer, UCLA Advanced Neuroimaging Summer School, 2007-2009

Co-Organizer, IPAM Summer School on Mathematics in Brain Imaging, 2004, 2008

Member of Society for Neuroscience Neuroinformatics Committee, 2008-2010

Organizer, OHBM Cognitive Neuroscience Course, 2006-2007

Program Committee, Organization for Human Brain Mapping 2004-2005

Session Chair, Society for Neuroscience Annual Meeting (2001, 2002, 2004)

Session Chair, Human Brain Mapping Annual Meeting (2003)

Executive Committee, Cognitive Neuroscience of Category Learning Conference, 2002-2004

Scientific Advisory Board, Hahn Foundation for Children, 2002-present

Grants and contracts

Active:

Principal Investigator, NIA, "Overcoming the persistence of first-learned habits to maintain behavioral change", 2011-2015.

Principal Investigator, NSF, "An open data repository for cognitive neuroscience: The OpenfMRI Project", 2011-2014.

Principal Investigator, NCRR, "Enhancing an Imaging Core at the University of Texas at Austin", 2010-2012.

Principal Investigator, NIMH, "The Cognitive Atlas", 2008-2013.

Principal Investigator, Office of Naval Research, "Predicting Individual Differences Using Resting-State fMRI and Network Analysis", 2010-2013.

Co-investigator (R. Bilder, PI), NIH Roadmap/NCRR, "Consortium for Neuropsychiatric Phenomics", 2007-2012.

Co-investigator (S. Hanson/C. Glymour, PIs), James S. McDonnell Foundation, Collaborative Activity Award, "Assessing Brain Interactivity: Model Specification, Causality and Dynamics", 2006-2012.

Completed:

Principal Investigator, James S. McDonnell Foundation, 21st Century Science Award, "Habit, automaticity, and cognitive control", 2005-2010.

Project PI/Core co-PI (J. McCracken, Center PI), NIMH, "CIDAR: Translational Research to Enhance Cognitive Control (TRECC)", 2006-2011.

Principal Investigator, Office of Naval Research, "Predictive analyses of training-related plasticity using fMRI and pattern classification techniques", 2006-2009.

Co-investigator (E. London, PI), NIDA, "Neural Systems, Inhibitory Control, and Methamphetamine Dependence", 2005-2009.

Co-investigator (E. London, PI), NIDA,"Methamphetamine Abuse, Inhibitory Control: Implications for Treatment", 2006-2009.

Co-Principal Investigator (with Craig Fox), National Science Foundation, Collaborative Research Grant, "The neural basis of risky decision making", 2004-2007.

Principal Investigator, High-Q Foundation, Research Contract, "Longitudinal assessment of frontostriatal activation in patients with presymptomatic Huntington's disease", 2006-2008.

Co-investigator (R. Bilder, PI), NIH Roadmap/NCRR, "Cognitive phenotyping for neuropsychiatric therapeutics", 2004-2007.

Co-investigator (R. Asarnow, PI), NIHM R24, "Cortico-striatal dysfunction and vulnerability to schizophrenia", 2005-2008.

Principal Investigator, Whitehall Foundation, Research Grant, "Interactive memory systems in the human brain", 2003-2006.

Co-Principal Investigator (with Mark Gluck), National Science Foundation, Collaborative Research Grant, "The cognitive neuroscience of category learning", 2003-2006.

Principal Investigator, National Institute of Neurological Disease and Stroke, Exploratory/Development Grant (R21 NS43333), "Cholinergic Enhancement of of Human Cortical Plasticity", 2002-2004.

Principal Investigator, Janssen Research Foundation, Research Grant, "Cholinergic enhancement of perceptual learning", 2002-2003.

Co-investigator, J.S. McDonnell Foundation, Collaborative Activity Award (M. Gluck, PI),"Interdisciplinary Consortium on the Cognitive Neuroscience of Category Learning", 2002-2005.

Supervisor, Canadian Institute for Health Research, Postdoctoral Fellowship (Laurie Cestnick, Fellow), "Reading and fMRI", 2001-2002.

Principal Investigator, National Science Foundation, Cognitive Neuroscience Pilot Grant, "Enhancing human cortical plasticity: Visual psychophysics and fMRI", 2001-2002.

Principal Investigator, Alafi Family Foundation Grant, "Multimodal imaging of reading development and dyslexia", 2000-2002.

Principal Investigator, International Dyslexia Association, "Magnetic resonance imaging of cross-modal processing in dyslexia", 2000-2001.

Supervisor, McDonnell-Pew Program for Cognitive Neuroscience, Individual Grant (Rajeev Raizada, Fellow), "Cross-modal processing and its relations to dyslexia: Psychophysics, fMRI, and neurophysiology", 2000-2003.

Fellow, McDonnell-Pew Program for Cognitive Neuroscience, Individual Grant, "The Neural Basis of Skill Learning using fMRI", 1996-1999.

Fellow, National Institute of Mental Health, National Research Service Award (MH10433), "Relational Representation in Amnesia", 1993 - 1995.

Teaching

Undergraduate: Reading the Brain (UT Signature Course), Introduction to Cognitive Science, Cognitive Neuroscience of Memory, Functional MRI Laboratory

Graduate: Functional Neuroimaging, Neuroeconomics, Human Learning and Memory, Computer Methods for Experimental Psychology

Patents

Klingberg, T., Hedehus, M., Gabrieli, J. D. E., Moseley, M.E., & Poldrack, R. A. (October 8, 2002). *Analysis of cerebral white matter for prognosis and diagnosis of neurological disorders*. US Patent # 6,463,315.

Publications

Galvan A, Schonberg T, Kohno M, Poldrack RA, London ED (submitted). Greater Dorsolateral Prefrontal Cortex Activation during Risk-taking in Late Adolescent Smokers compared to Nonsmokers

Ghahremani D, Lee B, Robertson C , Tabibnia G, Morgan A, De Shetler N, Brown A, Monterosso J, Aron A, Mandelkern M, Poldrack RA, London ED (submitted). Striatal dopamine D2/D3 receptors mediate response inhibition and related activity in fronto-striatal neural circuitry in humans.

Congdon E, Mumford JA, Cohen JR, Gálvan A, Canli T, Poldrack RA (2012). Measurement and Reliability of Response Inhibition. *Frontiers in Quantitative Psychology and Measurement, 3:37*. doi: 10.3389/fpsyg.2012.00037

Satpute AB, Mumford JA, Naliboff BD, Poldrack RA (2012). Human anterior and posterior hippocampus respond distinctly to state and trait anxiety. *Emotion, 12*, 58-68.

Cohen JR, Asarnow RF, Sabb FW, Bilder RM, Bookheimer SY, Knowlton BJ, & Poldrack, RA (2011). Decoding continuous variables from neuroimaging data: basic and clinical application. *Frontiers in Neuroscience*, 5, 75

Courtney KE, Arellano R, Barkley-Levenson E, Gálvan A, Poldrack RA, MacKillop J, Jentsch JD, Ray LA (2011) The relationship between measures of impulsivity and alcohol misuse: An integrative structural equation modeling approach. *Alcoholism: Clinical and Experimental Research*.

Galván A, Poldrack RA, Baker CM, McGlennen KM, London ED (2011). Neural Correlates of Response Inhibition and Cigarette Smoking in Late Adolescence. *Neuropsychopharmacology, 36*, 970-978.

Ghahremani DG, Tabibnia G, Monterosso J, Hellemann G, Poldrack RA, London ED (2011). Effect of Modafinil on Learning and Task-Related Brain Activity in Methamphetamine-Dependent and Healthy Individuals. *Neuropsychopharmacology, 36*, 950-959.

Jimura K, Poldrack RA (2011). Analyses of regional-average activation and multivoxel pattern information tell complementary stories. *Neuropsychologia*.

Lenartowicz A, Verbruggen F, Logan GD, & Poldrack RA (2011). Inhibition-related activation in the right inferior frontal gyrus in the absence of inhibitory cues. *Journal of Cognitive Neuroscience, 23*, 3388-99.

Mumford JA, Turner BO, Ashby FG, Poldrack RA (2011). Deconvolving BOLD activation in event-related designs for multivoxel pattern classification analyses. *Neuroimage*.

Poldrack RA (2011). The future of fMRI in cognitive neuroscience. *Neuroimage*.

Poldrack RA (2011). Inferring mental States from neuroimaging data: from reverse inference to large-scale decoding. *Neuron, 72*,692-7.

Poldrack RA, Kittur A, Kalar D, Miller E, Seppa C, Gil Y, Parker DS, Sabb FW, Bilder RM (2011). The Cognitive Atlas: Towards a knowledge foundation for cognitive neuroscience. *Frontiers in Neuroinformatics, 5:17*.

Poldrack RA, Mumford JA, Nichols TE (2011). *Handbook of fMRI data analysis*. Cambridge University Press.

Rizk-Jackson A, Stoffers D, Sheldon S, Kuperman J, Dale A., Goldstein J., Corey-Bloom J, Poldrack RA, Aron AR (2011). Evaluating imaging biomarkers for neurodegeneration in presymptomatic Huntington's Disease using machine learning techniques. *Neuroimage, 56*, 788-96.

Schonberg T, Fox CR, Poldrack RA (2011). Mind the Gap: Bridging economic and naturalistic risk-taking with cognitive neuroscience. *Trends in Cognitive Sciences, 15*, 11-19.

Stern JM, Caporro M, Haneef Z, Yeh HJ, Buttinelli C, Lenartowicz A, Mumford JA, Parvizi J, Poldrack RA. (2011). Functional imaging of sleep vertex sharp transients. *Clinical Neurophysiology*.

Tabibnia G, Monterosso JR, Baicy K, Chakrapani S, Lee B, Aron AR, Poldrack RA, London ED (2011) Different forms of self-control share a neurocognitive substrate. *Journal of Neuroscience, 31*, 4805-10.

Yarkoni T, Poldrack RA, Nichols TE, Van Essen D, Wager T (2011). Large-scale automated synthesis of human functional neuroimaging data. *Nature Methods, 8*, 665-70.

Xue G, Mei L, Chen C, Lu ZL, Poldrack R, Dong Q.(2011). Spaced Learning Enhances Subsequent Recognition Memory by Reducing Neural Repetition Suppression. *Journal of Cognitive Neuroscience, 23*, 1624-33

Cho S, Moody TD, Fernandino L, Mumford JA, Poldrack RA, Cannon TD, Knowlton BJ, & Holyoak KJ. (2010). Common and Dissociable Prefrontal Loci Associated with Component Mechanisms of Analogical Reasoning. *Cerebral Cortex, 20*, 524-533.

Cohen JR, Asarnow RF, Sabb FW, Bilder RM, Bookheimer SY, Knowlton BJ, & Poldrack, RA (2010). A unique adolescent response to reward prediction errors. *Nature Neuroscience*, 13, 669-71.

Cohen JR, Asarnow RF, Sabb FW, Bilder RM, Bookheimer SY, Knowlton BJ, & Poldrack, RA (2010). Decoding developmental differences and individual variability in response inhibition through predictive analyses across individuals. *Frontiers in Human Neuroscience*, 4, 47

Congdon E, Mumford JA, Cohen JR, Galvan A, Aron AR, Xue G, Miller E, Poldrack RA (2010). Engagement of large-scale networks is related to individual differences in inhibitory control. *Neuroimage*, 53, 653-663.

Congdon E, Poldrack RA, Freimer NB (2010). Neurocognitive phenotypes and genetic dissection of disorders of brain and behavior. *Neuron, 68*, 218-230.

Crone EA, Poldrack RA, Durston S (2010) Challenges and methods in developmental neuroimaging. *Human Brain Mapping*, 31, 835-7.

Ghahremani DG, Monterosso J, Jentsch JD Bilder RM, Poldrack RA (2010). Neural components underlying behavioral flexibility in human reversal learning. *Cerebral Cortex*, 20, 1843-52.

Kenner N, Mumford J, Hommer R, Skup M, Leibenluft E, and Poldrack R (2010). Inhibitory motor control in response stopping and response switching. *Journal of Neuroscience*, 30, 8512-8.

Kriegeskorte N, Lindquist MA, Nichols TE, Poldrack RA, Vul E (2010). Everything you never wanted to know about circular analysis, but were afraid to ask. *Journal of Cerebral Blood Flow and Metabolism, 30*, 1551-7.

Lenartowicz A, Kalar D, Congdon E., Poldrack RA (2010). Towards an Ontology of Cognitive Control. *Topics in Cognitive Science, 2*, 678-692.

Mumford J, Horvath S, Oldham MC, Langfelder P, Geschwind DH, Poldrack RA (2010). Detecting network modules in fMRI time series: A weighted network analysis approach. *Neuroimage*, 52, 1465-76.

Poldrack RA (2010). Interpreting developmental changes in neuroimaging signals. *Human Brain Mapping*, 31, 872-8.

Poldrack, RA (2010) Mapping mental function to brain structure: How can cognitive neuroimaging succeed? *Perspectives on Psychological Science, 5*, 753-761.

Poldrack, R.A. (2010). Subtraction and beyond: The logic of experimental designs for neuroimaging. In S. J. Hanson & M. Bunzl (Eds.), *Foundational Issues in Human Brain Mapping*, pp. 147-160. Cambridge, MA: MIT Press.

Poldrack, R.A., Carr, V., & Foerde, K. (2010). Flexibility and generalization in memory systems. In M. Banich & D. Caccamise (Eds.), *Generalization of Knowledge: Multidisciplinary perspectives*, pp. 53-70. New York, NY: Psychology Press.

Poldrack, R.A. & Mumford, J.A. (2010). On the proper role of non-independent ROI analysis: A commentary on Vul and Kanwisher. In S. J. Hanson & M. Bunzl (Eds.), *Foundational Issues in Human Brain Mapping*, pp. 93-96. Cambridge, MA: MIT Press.

Ramsey JD, Hanson SJ, Hanson C, Halchenko YO, Poldrack RA, Glymour C (2010). Six problems for causal inference from fMRI. *Neuroimage, 49*, 1545-1558.

Scott-Van Zeeland AA, Abrahams BS, Alvarez-Retuerto AI, Sonnenblick LI, Rudie JD, Ghahremani D, Mumford JA, Poldrack RA, Dapretto M, Geschwind DH, Bookheimer, SY (2010). Altered Functional Connectivity Associated with Variation in CNTNAP2. *Science Translational Medicine, 56*, 56ra80

Scott-Van Zeeland,AA, Dapretto M, Ghahremani DG, Poldrack RA, Bookheimer S.Y. (2010). Reward processing in autism. *Autism Research*, 3, 53-67.

Xue G, Mei L, Chen C, Lu ZL, Poldrack R, Dong Q.(2010). Facilitating Memory for Novel Characters by Reducing Neural Repetition Suppression in the Left Fusiform Cortex. *PLOS One*, 5:e13204

Xue G, Dong Q, Chen C, Lu ZL, Mumford JA, Poldrack R (2010). Greater Neural Pattern Similarity Across Repetitions is Associated with Better Memory. *Science, 330*, 97-101.

Yarkoni T, Poldrack RA, Van Essen DC, &Wager TD (2010). Cognitive neuroscience 2.0: building a cumulative science of human brain function. *Trends in Cognitive Sciences, 14,* 489-96.

Aron, A.R., Wise, S.P., & Poldrack, R.A. (2009). Role of the basal ganglia in cognition. In Squire, L.R. (Ed.), *The New Encyclopedia of Neuroscience*., volume 2, pp. 1069-1077. Oxford: Academic Press

Barch DM, Braver TS, Carter CS, Poldrack RA, & Robbins TW. (2009). CNTRICS final task selection: executive control. *Schizophrenia Bulletin*, 35, 115-135.

Bilder, R.M., Poldrack, R.A., Parker, D.S.,, Reise, S.P., Jentsch, J.D., Cannon, T., London, E., Sabb, F.W., Foland, L., Rizk-Jackson, A., Kalar, D., Brown, N., Carstensen, A., & Freimer, N. (2009). Cognitive Phenomics. In S. Wood, N. Allen, & C. Pantelis (Eds.), *Handbook of Neuropsychology of Mental Disorders*. Cambridge: Cambridge University Press.

Bilder, R.M., Sabb, F.W., Parker, D.S., Kalar, D., Chu, W.W., Fox, J., Freimer, N.B., & Poldrack, R.A. (2009). Cognitive Ontologies for Neuropsychiatric Phenomics Research. *Cognitive Neuropsychiatry*, 14, 419-50.

Bilder, R.M., Sabb, F.W, Cannon, T.D., London, E.D., Jentsch, J.D., Parker, D.S., Poldrack, R.A., Evans, C, & Freimer, N.B. (2009). Phenomics: The systematic study of phenotypes on a genome-wide scale. *Neuroscience, 164*, 30-42.

Foerde, K., & Poldrack, R.A. (2009). Procedural learning in humans. In Squire, L.R. (Ed.), *The New Encyclopedia of Neuroscience*., vol. 7, pp. 1083-1091. Oxford: Academic Press

Ghahremani, D.G., & Poldrack, R.A. (2009). Neuroimaging and interactive memory systems. In F. Roesler (Ed.), *Neuroimaging in human memory*. Oxford: Oxford University Press.

Lee B, London ED, Poldrack RA, Farahi J, Nacca A, Monterosso JR, Mumford JA, Bokarius AV, Dahlbom M, Mukherjee J, Bilder RM, Brody AL, Mandelkern MA (2009). Striatal dopamine d2/d3 receptor availability is reduced in methamphetamine dependence and is linked to impulsivity. *Journal of Neuroscience, 29*, 14734-14740.

Poldrack, R.A. (2009). Neuroimaging: Separating the promise from the pipe dreams. In *Cerebrum 2010: Emerging Ideas in Brain Science*. New York: Dana Press.

Poldrack, R.A., Halchenko, Y., & Hanson, S.J., (2009). Decoding the large-scale structure of brain function by classifying mental states across individuals. *Psychological Science, 20*, 1364-1372

Poldrack, R.A. & Mumford, J.A. (2009). Independence in ROI analysis: Where is the voodoo? *Social, Cognitive, and Affective Neuroscience*,4, 208-213.

Sabb FW, Burggren AC, Higier RG, Fox J, He J, Parker DS, Poldrack RA, Chu W, Cannon TD, Freimer NB, Bilder RM (2009). Challenges in Phenotype Definition in the Whole-Genome era: Multivariate Models of Memory and Intelligence. *Neuroscience, 164*, 88-107.

Thompson PM, Miller MI, Poldrack RA, Nichols TE, Taylor JE, Worsley KJ, & Ratnanather JT (Eds.) (2009). Special issue on Mathematics in Brain Imaging. *Neuroimage*, 45, Supplement 1.

Van Horn JD, & Poldrack RA. (2009). Functional MRI at the crossroads. *International Journal of Psychophysiology, 73*, 3-9.

Cohen, J.R. & Poldrack, R.A. (2008). Automaticity in motor sequence learning does not impair response inhibition. *Psychonomic Bulletin and Review, 15*, 105-115.

Foerde K, Poldrack RA, Knowlton BJ, Sabb FW, Bookheimer SY, Bilder RM, Guthrie D, Granholm E, Nuechterlein KH, Marder SR, & Asarnow RF. (2008). Selective Corticostriatal Dysfunction in Schizophrenia: Examination of Motor and Cognitive Skill Learning. *Neuropsychology, 22*, 100-9.

Fox, C.R. & Poldrack, R.A. (2008). Prospect theory and the brain. In P. Glimcher, E. Fehr, C. Camerer, & R. Poldrack (Eds.), *Handbook of Neuroeconomics*. San Diego: Academic Press.

Glimcher, P., Fehr E., Camerer, C., & Poldrack, R. (Eds.) (2008). *Handbook of Neuroeconomics*. San Diego: Academic Press.

Gluck MA, Poldrack RA, & Keri S. (2008). The cognitive neuroscience of category learning. *Neuroscience and Biobehavioral Reviews, 32*, 193-6.

Poldrack, R.A. (2008). The role of fMRI in Cognitive Neuroscience: where do we stand? *Current Opinion in Neurobiology, 18*, 223-7.

Poldrack, R.A., Fletcher, P.C., Henson, R.N., Worsley, K.J., Brett, M. & Nichols, T.E. (2008). Guidelines for reporting an fMRI experiment. *NeuroImage, 40*, 409-14.

Raizada, R.D.S. & Poldrack, R.A. (2008). Challenge-driven attention: interacting frontal and brainstem system. *Frontiers in Human Neuroscience*.

Shattuck, D., Mirza, M., Adisetiyo, V., Hojatkashani, C., Salamon, G., Narr, K.L., Poldrack, R.A., Bilder, R.M., & Toga, A.W. (2008). Construction of a 3D Probabilistic Atlas of Human Cortical Structures. *Neuroimage, 39*, 1064-80.

Tohka J, Foerde K, Aron AR, Tom SM, Toga AW, & Poldrack RA (2008). Automatic independent component labeling for artifact removal in fMRI. *Neuroimage, 39*, 1227-45.

Xue G, Aron AR, & Poldrack RA. (2008). Common Neural Substrates for Inhibition of Spoken and Manual Responses. *Cerebral Cortex, 18,*, 1923-1932.

Xue, G., Ghahremani, D., & Poldrack, R.A. (2008). Neural substrates for reversing stimulus-outcome and stimulus-response associations. *Journal of Neuroscience, 28*, 11196-204.

Aron, A.R., Behrens, T.E., Frank, M., Smith, S., & Poldrack, R.A. (2007). Triangulating a Cognitive Control Network using Diffusion-weighted MRI and Functional MRI. *Journal of Neuroscience,* 27, 3743-52.

Devlin, J. & Poldrack, R.A. (2007). In praise of tedious anatomy. *Neuroimage*, 37, 1033-41.

Foerde, K., Poldrack, R.A., & Knowlton, B.J. (2007). Secondary task effects on classification learning. *Memory & Cognition*, 35, 864-74.

Karlsgodt KH, van Erp TGM, Poldrack RA, Bearden CE, Nuechterlein KH, & Cannon TD (2007). Diffusion Tensor Imaging of the Superior Longitudinal Fasciculus and Working Memory in Recent-Onset Schizophrenia. *Biological Psychiatry, 63*, 512-8.

Mumford, J.A. & Poldrack, R.A. (2007). Modeling group fMRI data. *Social, Cognitive, and Affective Neuroscience*, 2, 251-257.

Poldrack, R.A. & Devlin, J. (2007). On the fundamental role of anatomy in functional imaging: Reply to commentaries on "In praise of tedious anatomy". *Neuroimage*, 37, 1066-8.

Poldrack, R.A. (2007). Region of interest analysis for fMRI. *Social, Cognitive, and Affective Neuroscience*, 2, 67-70.

Poldrack, R.A., & Foerde, K. (2007). Category learning and the memory systems debate. *Neuroscience and Biobehavioral Reviews*.

Raizada, R.D.S., & Poldrack, R.A. (2007). Selective amplification of stimulus differences during categorical processing of speech. *Neuron*, 56, 726-740.

Thermenos H.W., Seidman L.J., Poldrack R.A., Peace N.K., Koch J.K., Faraone S.V., Tsuang M.T. (2007). Elaborative Verbal Encoding and Altered Anterior Parahippocampal Activation in Adolescents and Young Adults at Genetic Risk for Schizophrenia Using fMRI. *Biological Psychiatry*, 61, 564-574.

Tom S.M., Fox C.R., Trepel C., Poldrack R.A. (2007). The neural basis of loss aversion in decision making under risk, *Science*, 315, 515-8.

Xue, G., & Poldrack, R.A. (2007). The Neural Substrates of Visual Perceptual Learning of Words: Implications for the Visual Word Form Area Hypothesis. *Journal of Cognitive Neuroscience*, 19, 1643-1655

Foerde, L., Knowlton, B.J., & Poldrack, R.A. (2006). Distraction modulates the engagement of competing memory systems. *Proceedings of the National Academy of Sciences*, 103, 11778-83.

Poldrack, R.A. & Willingham, D.B. (2006). Functional neuroimaging of skill learning. In R. Cabeza & A. Kingstone (Eds.), *Handbook of Neuroimaging of Cognition, 2nd Edition*. MIT Press., pp. 113-148.

Poldrack, R.A. (2006). Can cognitive processes be inferred from neuroimaging data? *Trends in Cognitive Sciences, 10*, 59-63

Aron, A.R. & Poldrack, R.A. (2006). Cortical and Subcortical Contributions to Stop Signal Response Inhibition: Role of the Subthalamic Nucleus. *Journal of Neuroscience, 26*, 2424 2433

Aron. A.R., Gluck, M.A., & Poldrack, R.A. (2006). Long-term test-retest reliability of fMRI. *NeuroImage, 29*, 1000-6.

Rodriguez, P., Aron, A. R., & Poldrack, R. A. (2006). Ventral striatal/nucleus-accumbens sensitivity to prediction errors during classification learning. *Human Brain Mapping, 27*, 306-13.

Seidman LJ, Thermenos HW, Poldrack RA, Peace NK, Koch JK, Faraone SV, Tsuang MT. (2006). Altered brain activation in dorsolateral prefrontal cortex in adolescents and young adults at genetic risk for schizophrenia: An fMRI study of working memory.

Schizophrenia Research.

Badre, D., Poldrack, R.A., Par-Blagoev, J., Insler, R., & Wagner, A.D. (2005). Dissociable Controlled Retrieval and Generalized Selection Mechanisms in Ventrolateral Prefrontal Cortex. *Neuron*, *47*,907-18.

Goldstein, J., Jerram, M., Poldrack, R.A., Ahern, T., Kennedy, D., Seidman, L., & Makris, N. (2005). Hormonal cycle modulates arousal circuitry in women using fMRI. *Journal of Neuroscience*, *25*, 9309-16.

Aron, A. R. & Poldrack, R. A. (2005). The cognitive neuroscience of response inhibition: Relevance for genetic research in ADHD. *Biological Psychiatry, 57*, 1285-92.

Trepel, C., Fox, C.R., & Poldrack, R.A. (2005). Prospect theory on the brain? Toward a cognitive neuroscience of decision under risk. *Cognitive Brain Research, 23,* 34-50.

Poldrack, R.A., Sabb, F., Foerde, K., Tom, S., Asarnow, R., Bookheimer, S., & Knowlton, B.J. (2005). The neural correlates of motor skill automaticity. *Journal of Neuroscience, 25,* 5356-5364.

Katzir, T., Misra, M., & Poldrack, R.A. (2005). Imaging phonology without print: Assessing the neural correlates of phonemic awareness using fMRI. *NeuroImage, 27,* 106-15.

Valera, E.M., Faraone, S.V., Biederman, J., Poldrack, R.A., & Seidman, L.J. (2005). Functional neuroanatomy of working memory in adults with ADHD. *Biological Psychiatry, 57*, 439-447.

Thermenos, H.W., Goldstein, J.M., Buka, S. L., Poldrack, R. A., Koch, J.K., Tsuang, M.T., & Seidman, L. J. (2005). The effect of working memory performance on functional MRI in schizophrenia. *Schizophrenia Research, 74*,179-94.

Stone WS, Thermenos HW, Tarbox SI, Poldrack RA, Seidman LJ. (2005). Medial temporal and prefrontal lobe activation during verbal encoding following glucose ingestion in schizophrenia: A pilot fMRI study. *Neurobiology of Learning and Memory, 83,* :54-64.

Poldrack, R. A., & Rodriguez, P. (2004). How do memory systems interact? Evidence from human classification learning. *Neurobiology of Learning and Memory, 82,* 324-332.

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Poldrack, R. A., Protopapas, A., Nagarajan, S., Tallal, P., Merzenich, M. M., Temple, E., & Gabrieli, J. D. E. (1998). *Auditory processing of temporally compressed speech: An FMRI study.* Poster presented at the Cognitive Neuroscience Society Meeting, 1998.

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Seger, C. A., Prabakharan, V., Poldrack, R. A., Desmond, J. E., & Gabrieli, J. D. E. (1997, August). *Implicit and explicit knowledge in artificial grammar learning: An fMRI study.* Poster presented at the annual meeting of the Cognitive Science Society, Palo Alto.

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Poldrack, R. A., & Cohen, N. J. (1995, November). *Can a single memory system support skill learning and priming?* Poster presented at the annual meeting of the Psychonomic Society, Los Angeles.

Poldrack, R. A., & Cohen, N. J. (1995, May). *Memory retrieval in sequence learning*. Paper presented at the annual meeting of the Midwest Psychological Association, Chicago.

Selco, S. L., Poldrack, R. A., & Cohen, N. J. (1995, May). *The nature of the representation supporting learning in a digit entering task*. Paper presented at the annual meeting of the Midwest Psychological Association, Chicago.

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Poldrack, R. A., & Logan, G. D. (1994, May). *Fluency and recognition: It's not that easy.* Paper presented at the annual meeting of the Midwest Psychological Association, Chicago.

Poldrack, R. A., Selco, S. L., Field, J. E., & Cohen, N. J. (1994, May). *Skill learning and repetition effects in a digit entering task*. Paper presented at the annual meeting of the Midwest Psychological Association, Chicago.

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Dulany, D. E., & Poldrack, R. A. (1991, November). *Learned covariation: Conscious or unconscious representation?* Paper presented at the annual meeting of the Psychonomic Society, San Francisco.

Invited addresses and colloquia

2011: University College London; Cambridge University; Oxford University; Georgia Tech University; University of Georgia; Brown University; Humboldt University (Berlin); National Taiwan University (Taipei).

2010: Beijing Normal University; Duke-NUS School of Medicine, Singapore; Princeton University; UC Davis; University of Maryland; Auburn University; Texas A&M University

2009: University of Pennsylvania; UC San Diego; University of Texas at Austin; Baylor College of Medicine

2008: University of Vermont; SUNY Stony Brook; Vanderbilt University; University of Illinois at Chicago; University of Texas at Austin; University of Missouri-Columbia; Washington University-St. Louis; Cal Tech; Neurospin (Orsay, France); Oxford University; University College London

2007: Duke University; New York University; University of Texas; MIT; University College London

2006: Salk Institute; Johns Hopkins University; Ben Gurion University (Beer Sheva, Israel)

2005: University of Arizona; Medical College of Wisconsin; Washington University-St. Louis, Karolinska Institute, Lund University (Sweden), Danish Technical University

2004: Rotman Research Institute, University of Toronto; University of California, San Diego; University of Colorado, Boulder; Colorado State University; University of Illinois at Urbana-Champaign

2003: NIMH, Clinical Brain Disorders Branch; Max Planck Institute for Cognitive Neuroscience, Leipzig, Germany; University of California at Irvine, Center for Neurobiology of Learning and Memory,

2002: Learning and the Brain conference, Cambridge, MA; Los Alamos National Laboratory, Center for Nonlinear Studies

2001: Institute for Cognitive Neuroscience, London; Wellcome Department of Cognitive Neurology, London

2000: University of Connecticut; MIT; Boston University; Boston VA Medical Center

1999: Center for Psychological Studies, Berkeley, CA ; Harvard University

1997: University of California at Berkeley

1996: University of California at Santa Cruz

1994: Rice University